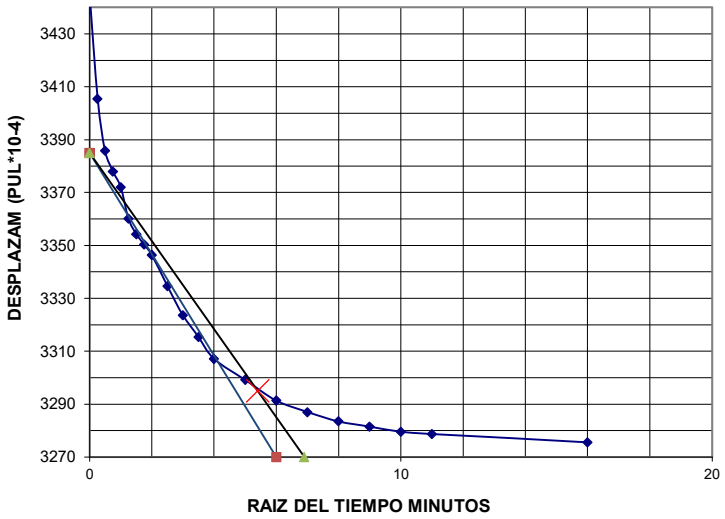
CAMING SAS INGENIEROS
NIT 901220065-0

GRÁFICAS DE TAYLOR

PROYECTO:	ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA						
LUGAR:	ZIPAQUIRÁ - LUMINARIAS						
SONDEO	S11	MUESTRA:	M4	PROFUNDIDAD:	3,30-3,90	FECHA	5-feb-21
DESCRIPCION:	Arcilla marrón rojizo medio (2,5 YR 3/6) con oxidaciones ,fisuras y algo de arena						
OBSERVACIONES	La muestra presentó una expansión de 0,4% y se controló bajo un esfuerzo de 0,41 kg/cm2						

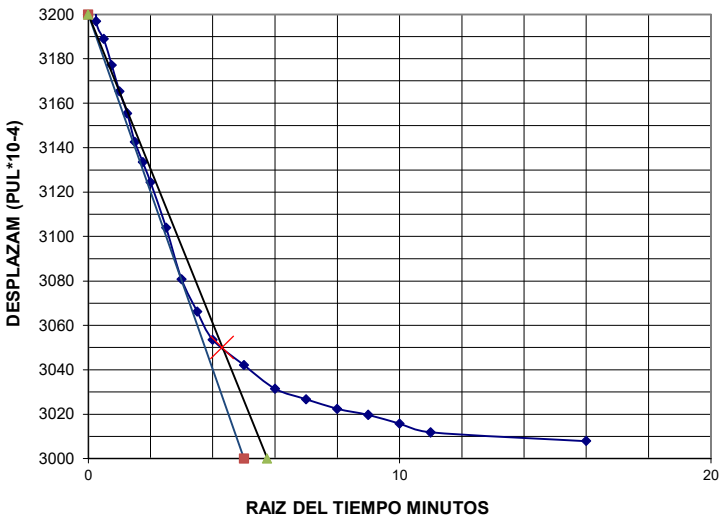
RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	3445
0,3	3406
0,5	3386
0,8	3378
1,0	3372
1,3	3360
1,5	3354
1,8	3350
2,0	3346
2,5	3335
3,0	3324
3,5	3315
4,0	3307
5,0	3299
6,0	3291
7,0	3287
8,0	3283
9,0	3281
10,0	3280
11,0	3279
16,0	3276
38,0	

CARGA 7



RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	3276
0,3	3197
0,5	3189
0,8	3177
1,0	3165
1,3	3156
1,5	3143
1,8	3133
2,0	3124
2,5	3104
3,0	3081
3,5	3066
4,0	3054
5,0	3042
6,0	3031
7,0	3027
8,0	3022
9,0	3020
10,0	3016
11,0	3012
16,0	3008
38,0	

CARGA 8

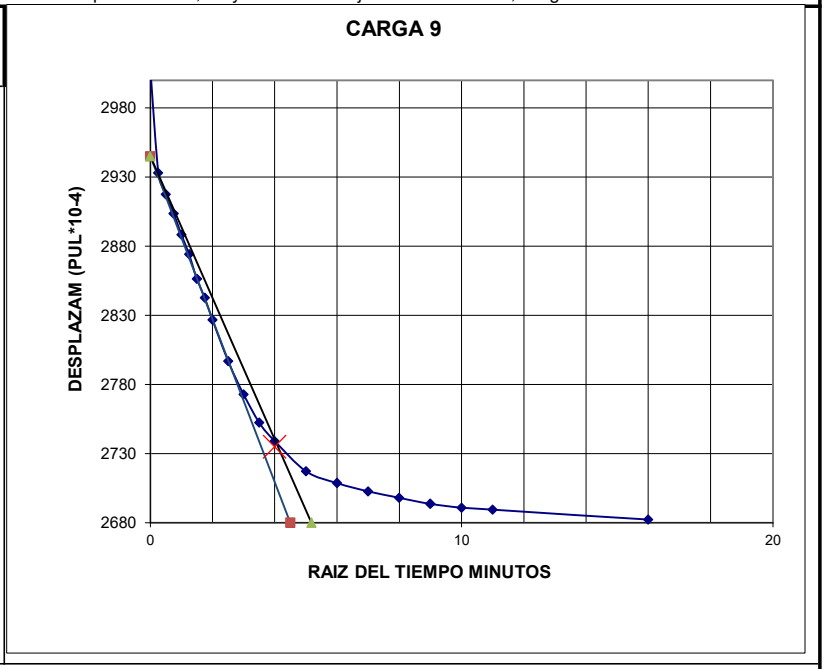


CAMING SAS INGENIEROS
NIT 901220065-0

GRÁFICAS DE TAYLOR

PROYECTO:	ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA						
LUGAR:	ZIPAQUIRÁ - LUMINARIAS						
SONDEO	S11	MUESTRA:	M4	PROFUNDIDAD:	3,30-3,90	FECHA	5-feb-21
DESCRIPCION:	Arcilla marrón rojizo medio (2,5 YR 3/6) con oxidaciones ,fisuras y algo de arena						
OBSERVACIONES	La muestra presentó una expansión de 0,4% y se controló bajo un esfuerzo de 0,41 kg/cm2						

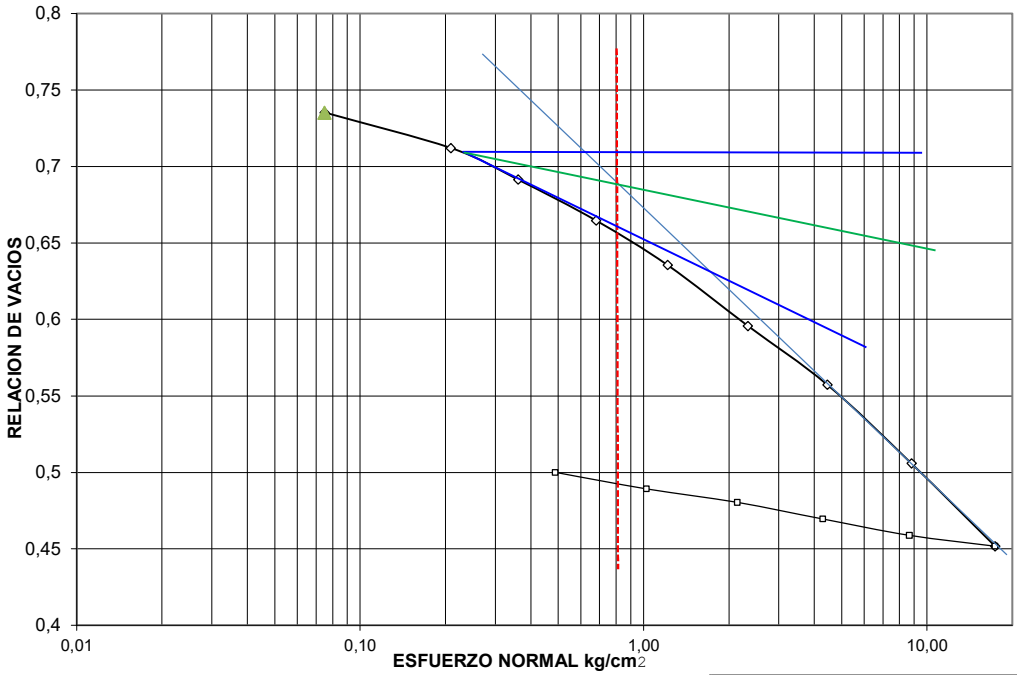
RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	3008
0,3	2933
0,5	2917
0,8	2904
1,0	2888
1,3	2874
1,5	2856
1,8	2843
2,0	2827
2,5	2797
3,0	2773
3,5	2752
4,0	2739
5,0	2717
6,0	2709
7,0	2703
8,0	2698
9,0	2694
10,0	2691
11,0	2689
16,0	2682
38,0	



Revisó y aprobó: Ing. Manuel Caviedes C.

PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**						
LUGAR:	**ZIPAQUIRÁ - LUMINARIAS**						
SONDEO	S11	**MUESTRA:**	M7	**PROF (m):**	6,00-6,60	**FECHA**	5/02/2021
DESCRIPCION:	Arcilla algo limosa marrón ocuro con oxidaciones, fisuras y arena						
OBSERVACIONES:	0						

DATOS DEL ANILLO			DATOS GENERALES		DATOS DE HUMEDAD		Condicion inicial	Condicion final
Diametro	[cm]	5,11	Relacion de brazo 1:	11,00	Recipiente No.		B1	M9T
Area	[cm2]	20,51	W (bl + p.p + esf)[g]	104,06	wr +m	P1[g]	139,32	78,32
Altura	[cm]	1,94	Peso especifico (Gs)	2,679	Wr + ms	P2[g]	111,36	66,89
Volumen	[cm3]	39,79	lectura final	5629,9	Wr	P3[g]	8,19	5,49
W anillo	[g]	49,96	Altura final [cm.]	1,677	Humedad w(%)		27,1	18,6
W (anill + m)IN	[g]	128,03	Altura de solidos [cm]	1,118				
W (muestra)IN	[g]	78,07	R. vacios ini (eo)	0,735	S INI. %=	98,7	S FIN. %=	99,7
Peso unitario	T/m3	1,96	0,42 X (eo)	0,309				
			W (anill + m)Final	122,64				



σ'p (kg/cm^2)	0,800
Cc	0,183
Cr	0,023

PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LUGAR:	**ZIPAQUIRÁ - LUMINARIAS**

SONDEO S11 **MUESTRA:** M7 **PROF (m):** 6,00-6,60 **FECHA** 5/02/2021

DESCRIPCION: Arcilla algo limosa marrón ocuro con oxidaciones, fisuras y arena

OBSERVACIONES: 0

DATOS DE DEFORMACIÓN

FECHA		5/02/2021	6/02/2021	6/02/2021	6/02/2021	7/02/2021	7/02/2021	7/02/2021	8/02/2021
HORA		7:00:00	7:00:00	11:20:00	15:40:00	7:00:00	11:20:00	15:40:00	7:00:00
TIEMPO		1 CARGA 0,1301	2 CARGA 0,3801	3 CARGA 0,6641	4 CARGA 1,2591	5 CARGA 2,2591	6 CARGA 4,3471	7 CARGA 8,2991	8 CARGA 16,4541
		Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.
tiempo	t^ (0,5) (min)	in X10-4	in X10-4	in X10-4	in X10-4	in X10-4	in X10-4	in X10-4	in X10-4
0	0,00	6665,4	6665,4	6563,0	6472,4	6354,3	6226,4	6051,2	5881,9
4 seg	0,26		6655,5	6559,1	6456,7	6330,7	6196,9	6015,7	5807,1
15 seg	0,50		6653,1	6555,1	6448,8	6322,8	6181,1	6000,0	5787,4
34 seg	0,75		6650,4	6553,1	6442,9	6316,1	6169,3	5986,2	5767,7
1'	1,00		6647,6	6550,8	6438,2	6309,8	6158,3	5974,4	5752,0
1' 34"	1,25		6645,3	6547,2	6433,9	6303,1	6148,8	5964,2	5736,2
2'15"	1,50		6641,7	6543,3	6428,3	6295,3	6137,8	5952,8	5722,4
3' 04"	1,75		6638,6	6539,4	6422,8	6287,4	6129,9	5943,3	5709,1
4'	2,00		6635,4	6535,8	6417,3	6279,5	6122,0	5934,6	5698,8
6´15´´	2,50		6629,1	6531,5	6409,4	6271,7	6107,1	5921,3	5687,0
9'	3,00		6622,0	6525,6	6401,6	6263,8	6095,7	5912,2	5679,9
12'15"	3,50		6614,6	6519,7	6395,3	6255,9	6086,6	5905,5	5674,4
16'	4,00		6608,7	6515,0	6389,8	6252,0	6080,7	5900,8	5669,7
25'	5,00		6599,6	6503,9	6381,9	6242,1	6068,9	5895,7	5667,3
36'	6,00		6590,6	6492,1	6373,2	6237,4	6063,0	5892,5	5665,4
49'	7,00		6582,7	6485,0	6368,1	6232,3	6061,0	5890,2	5662,2
1h 4'	8,00		6578,3	6481,1	6363,8	6231,1	6059,1	5889,0	5660,6
1h 21'	9,00		6574,4	6479,5	6362,2	6229,1	6057,1	5887,4	5659,1
1h 40'	10,00		6570,9	6477,2	6360,2	6228,3	6055,1	5885,8	5657,9
2h 1'	11,00		6568,9	6476,0	6358,7	6228,0	6053,1	5885,0	5657,5
4h 16'	16,00		6563,0	6472,4	6354,3	6226,4	6051,2	5881,9	5655,5
24h 4'	38,00	6665,4							

DATOS DE DEFORMACIÓN

FECHA		8/02/2021	8/02/2021	8/02/2021	8/02/2021	8/02/2021	8/02/2021		
HORA		11:20:00	13:15:00	15:20:00	17:25:00	19:30:00	21:35:00		
TIEMPO		9 CARGA 32,4541	10 DESCARGA 16,1441	11 DESCARGA 7,9891	12 DESCARGA 3,9891	13 DESCARGA 1,8991	14 DESCARGA 0,8991		
		Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.
seg	Ömin	in X10-4	in X10-4	in X10-4	in X10-4	in X10-4	in X10-4	in X10-4	in X10-4
0	0,00	5655,5	5417,7	5448,8	5496,1	5543,3	5582,7		
4	0,26	5590,6							
15	0,50	5559,1							
34	0,75	5539,4							
60	1,00	5513,8							
94	1,25	5492,1							
135	1,50	5480,3							
184	1,75	5466,5							
240	2,00	5458,7							
375	2,50	5448,8							
540	3,00	5442,1							
735	3,50	5439,0							
960	4,00	5436,6							
1500	5,00	5433,9							
2160	6,00	5429,9							
2940	7,00	5428,7							
3840	8,00	5426,8							
4860	9,00	5424,0							
6000	10,00	5424,4							
7260	11,00	5422,0	5448,8	5496,1	5543,3	5582,7	5629,9		
15360	16,00	5417,7							
86640	38,00								

PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LUGAR:	**ZIPAQUIRÁ - LUMINARIAS**

SONDEO S11 **MUESTRA:** M7 **PROF (m):** 6,00-6,60 **FECHA** 5/02/2021

DESCRIPCION: Arcilla algo limosa marrón ocuro con oxidaciones, fisuras y arena

OBSERVACIONES: 0

DATOS DE DEFORMACION

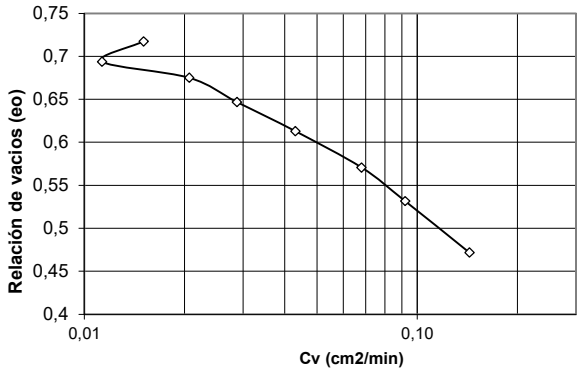
CURVA DE RELACION DE VACIOS EN FUNCION DEL ESFUERZO NORMAL

CARGA BRAZO kg	DEFORM. in X10-4	ALTURA cm	ESFUERZO Kg/cm^2	REL.VAC. e	DH/H %
0,1301	6665,4	1,9400	0,0748	0,7353	0,0000
0,1301	6665,4	1,9400	0,0748	0,7353	0,0000
0,3801	6563,0	1,9140	0,2089	0,7120	1,3402
0,6641	6472,4	1,8910	0,3613	0,6915	2,5258
1,2591	6354,3	1,8610	0,6804	0,6646	4,0722
2,2591	6226,4	1,8285	1,2168	0,6355	5,7474
4,3471	6051,2	1,7840	2,3367	0,5957	8,0412
8,2991	5881,9	1,7410	4,4564	0,5573	10,2577
16,4541	5655,5	1,6835	8,8305	0,5059	13,2216
32,4541	5417,7	1,6231	17,4123	0,4518	16,3351
16,1441	5448,8	1,6310	8,6642	0,4589	15,9278
7,9891	5496,1	1,6430	4,2901	0,4696	15,3093
3,9891	5543,3	1,6550	2,1447	0,4804	14,6907
1,8991	5582,7	1,6650	1,0237	0,4893	14,1753
0,8991	5629,9	1,6770	0,4873	0,5000	13,5567



RESUMEN DE PARAMETROS DE CONSOLIDACION

ESFUERZO (Kg/cm2)	e	e_{90}	D_0 in X10-4	D_{90} in X10-4	t_{90} min	H_{90} cm	a_v cm2/Kg	k cm/min	Cv cm2/min
0,0748	0,7353								
0,0748	0,7353								
0,2089	0,7120	0,7176	6660,00	6582,0	51,84	0,960094	0,17343677	1,53E-06	0,0151
0,3613	0,6915	0,6939	6560,00	6480,0	67,24	0,946840	0,13505707	9,03E-07	0,0113
0,6804	0,6646	0,6751	6445,00	6373,0	36,00	0,936356	0,08408376	1,04E-06	0,0207
1,2168	0,6355	0,6469	6320,00	6242,0	25,00	0,920594	0,05419899	9,53E-07	0,0287
2,3367	0,5957	0,6128	6180,00	6080,0	16,00	0,901550	0,03554163	9,59E-07	0,0431
4,4564	0,5573	0,5708	6020,00	5910,0	9,61	0,878030	0,01814510	7,93E-07	0,0680
8,8305	0,5059	0,5316	5800,00	5687,0	6,76	0,856149	0,01175849	7,18E-07	0,0919
17,4123	0,4518	0,4718	5610,00	5460,0	4,00	0,822700	0,00629542	6,22E-07	0,1435
8,6642	0,4589								
4,2901	0,4696								
2,1447	0,4804								

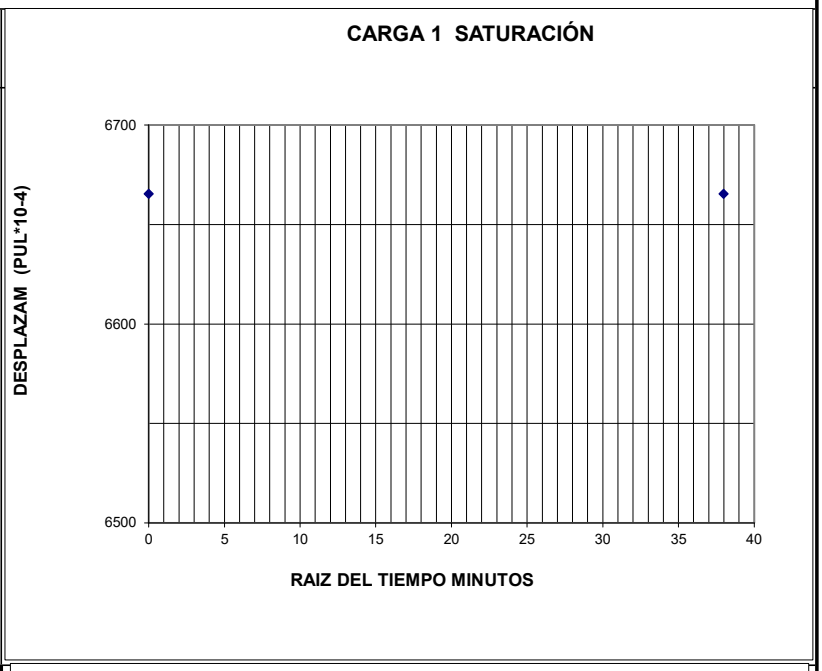


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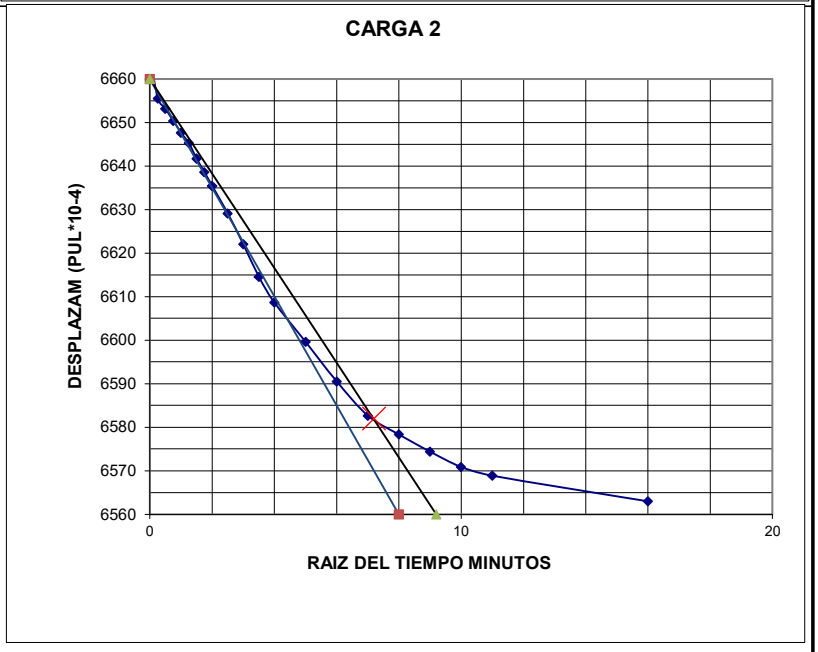
GRÁFICAS DE TAYLOR

PROYECTO:	ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA						
LUGAR:	ZIPAQUIRÁ - LUMINARIAS						
SONDEO	S11	MUESTRA:	M7	PROFUNDIDAD:	6,00-6,60	FECHA	5-feb-21
DESCRIPCION:	Arcilla algo limosa marrón ocuro con oxidaciones, fisuras y arena						
OBSERVACIONES	0						

RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	6665
0,3	
0,5	
0,8	
1,0	
1,3	
1,5	
1,8	
2,0	
2,5	
3,0	
3,5	
4,0	
5,0	
6,0	
7,0	
8,0	
9,0	
10,0	
11,0	
16,0	
38,0	6665



RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	6665
0,3	6656
0,5	6653
0,8	6650
1,0	6648
1,3	6645
1,5	6642
1,8	6639
2,0	6635
2,5	6629
3,0	6622
3,5	6615
4,0	6609
5,0	6600
6,0	6591
7,0	6583
8,0	6578
9,0	6574
10,0	6571
11,0	6569
16,0	6563
38,0	

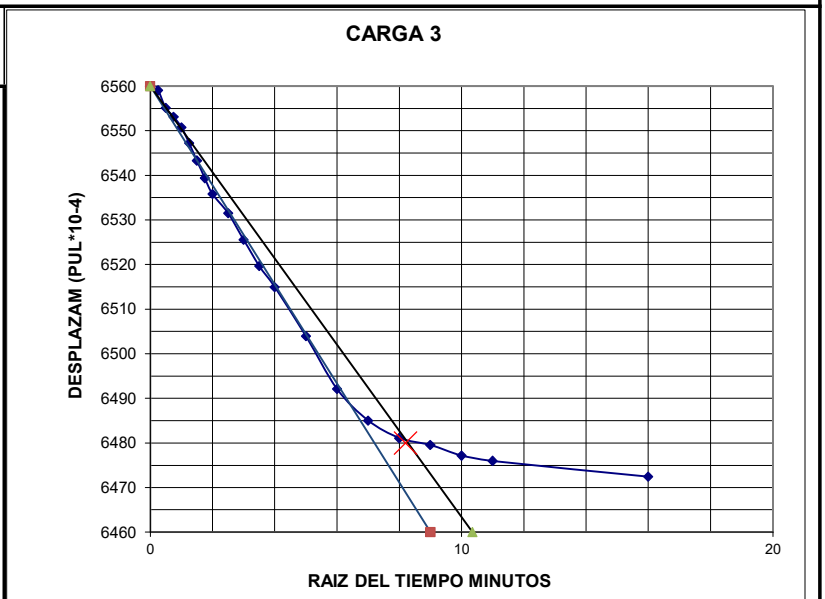


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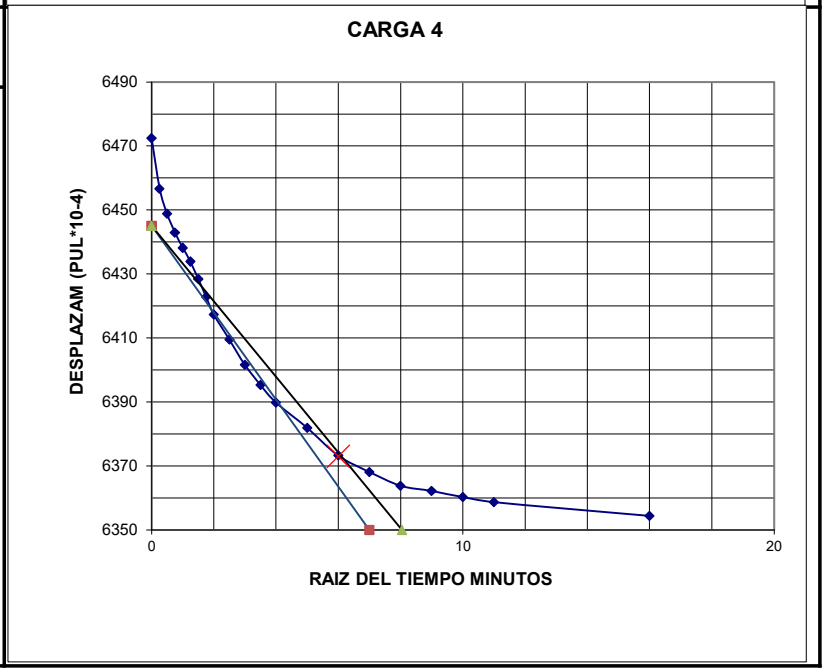
GRÁFICAS DE TAYLOR

PROYECTO:	ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA						
LUGAR:	ZIPAQUIRÁ - LUMINARIAS						
SONDEO	S11	MUESTRA:	M7	PROFUNDIDAD:	6,00-6,60	FECHA	5-feb-21
DESCRIPCION:	Arcilla algo limosa marrón ocuro con oxidaciones, fisuras y arena						
OBSERVACIONES	0						

RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	6563
0,3	6559
0,5	6555
0,8	6553
1,0	6551
1,3	6547
1,5	6543
1,8	6539
2,0	6536
2,5	6531
3,0	6526
3,5	6520
4,0	6515
5,0	6504
6,0	6492
7,0	6485
8,0	6481
9,0	6480
10,0	6477
11,0	6476
16,0	6472
38,0	



RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	6472
0,3	6457
0,5	6449
0,8	6443
1,0	6438
1,3	6434
1,5	6428
1,8	6423
2,0	6417
2,5	6409
3,0	6402
3,5	6395
4,0	6390
5,0	6382
6,0	6373
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8,0	6364
9,0	6362
10,0	6360
11,0	6359
16,0	6354
38,0	



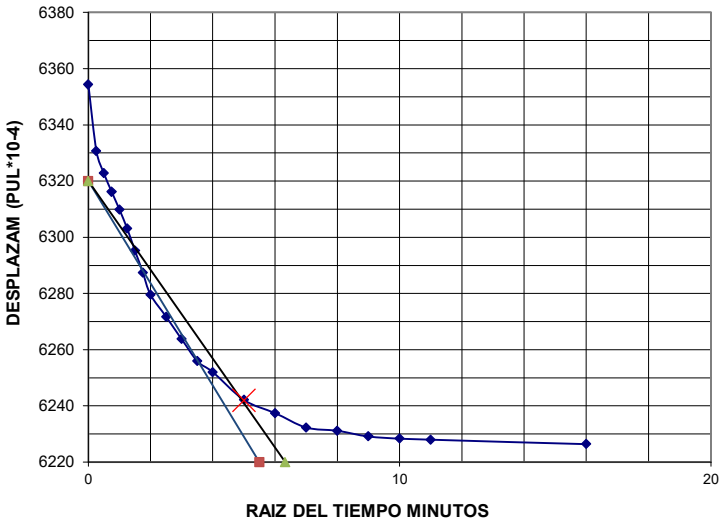
CAMING SAS INGENIEROS
NIT 901220065-0

GRÁFICAS DE TAYLOR

PROYECTO:	ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA						
LUGAR:	ZIPAQUIRÁ - LUMINARIAS						
SONDEO	S11	MUESTRA:	M7	PROFUNDIDAD:	6,00-6,60	FECHA	5-feb-21
DESCRIPCION:	Arcilla algo limosa marrón ocuro con oxidaciones, fisuras y arena						
OBSERVACIONES	0						

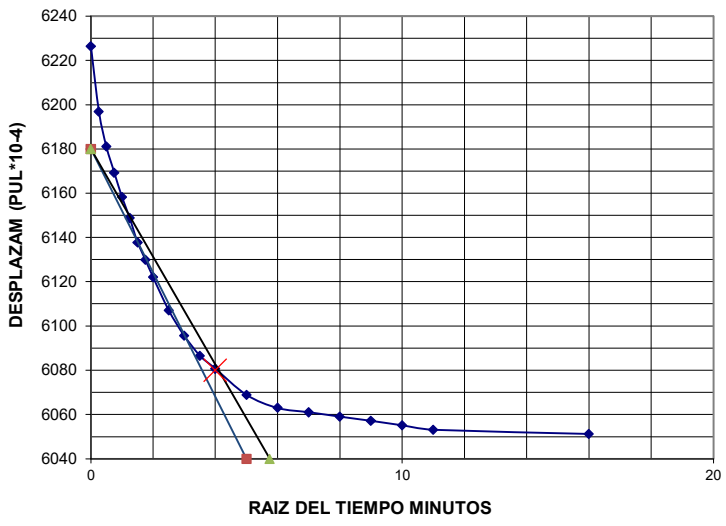
RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	6354
0,3	6331
0,5	6323
0,8	6316
1,0	6310
1,3	6303
1,5	6295
1,8	6287
2,0	6280
2,5	6272
3,0	6264
3,5	6256
4,0	6252
5,0	6242
6,0	6237
7,0	6232
8,0	6231
9,0	6229
10,0	6228
11,0	6228
16,0	6226
38,0	

CARGA 5



RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	6226
0,3	6197
0,5	6181
0,8	6169
1,0	6158
1,3	6149
1,5	6138
1,8	6130
2,0	6122
2,5	6107
3,0	6096
3,5	6087
4,0	6081
5,0	6069
6,0	6063
7,0	6061
8,0	6059
9,0	6057
10,0	6055
11,0	6053
16,0	6051
38,0	

CARGA 6



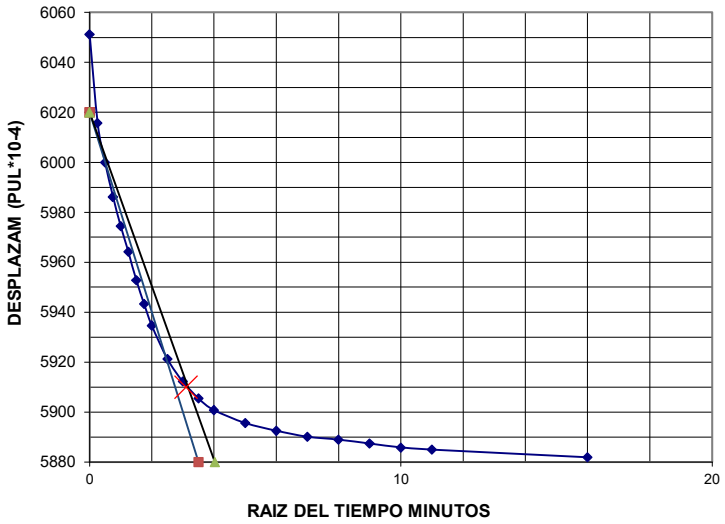
CAMING SAS INGENIEROS
NIT 901220065-0

GRÁFICAS DE TAYLOR

PROYECTO:	ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA						
LUGAR:	ZIPAQUIRÁ - LUMINARIAS						
SONDEO	S11	MUESTRA:	M7	PROFUNDIDAD:	6,00-6,60	FECHA	5-feb-21
DESCRIPCION:	Arcilla algo limosa marrón ocuro con oxidaciones, fisuras y arena						
OBSERVACIONES	0						

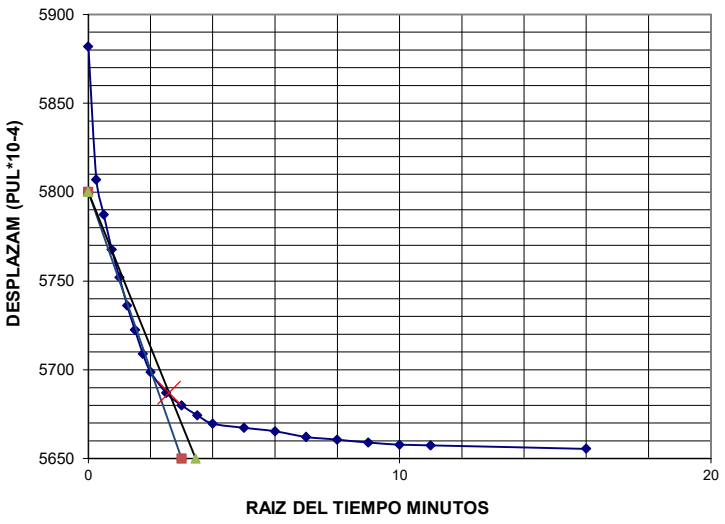
RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	6051
0,3	6016
0,5	6000
0,8	5986
1,0	5974
1,3	5964
1,5	5953
1,8	5943
2,0	5935
2,5	5921
3,0	5912
3,5	5906
4,0	5901
5,0	5896
6,0	5893
7,0	5890
8,0	5889
9,0	5887
10,0	5886
11,0	5885
16,0	5882
38,0	

CARGA 7



RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	5882
0,3	5807
0,5	5787
0,8	5768
1,0	5752
1,3	5736
1,5	5722
1,8	5709
2,0	5699
2,5	5687
3,0	5680
3,5	5674
4,0	5670
5,0	5667
6,0	5665
7,0	5662
8,0	5661
9,0	5659
10,0	5658
11,0	5657
16,0	5656
38,0	

CARGA 8

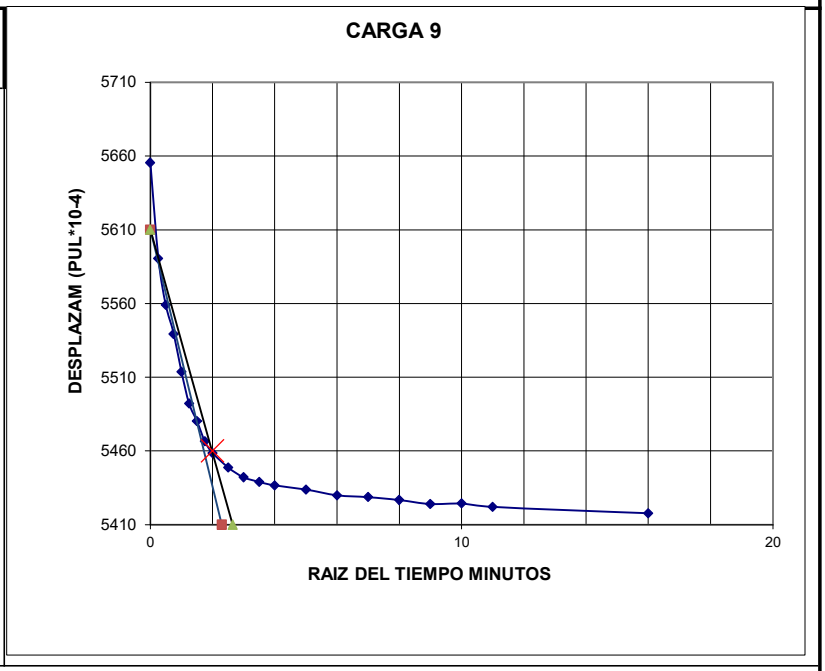


CAMING SAS INGENIEROS
NIT 901220065-0

GRÁFICAS DE TAYLOR

PROYECTO:	ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA						
LUGAR:	ZIPAQUIRÁ - LUMINARIAS						
SONDEO	S11	MUESTRA:	M7	PROFUNDIDAD:	6,00-6,60	FECHA	5-feb-21
DESCRIPCION:	Arcilla algo limosa marrón ocuro con oxidaciones, fisuras y arena						
OBSERVACIONES	0						

RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	5656
0,3	5591
0,5	5559
0,8	5539
1,0	5514
1,3	5492
1,5	5480
1,8	5467
2,0	5459
2,5	5449
3,0	5442
3,5	5439
4,0	5437
5,0	5434
6,0	5430
7,0	5429
8,0	5427
9,0	5424
10,0	5424
11,0	5422
16,0	5418
38,0	



Revisó y aprobó: Ing. Manuel Caviedes C.

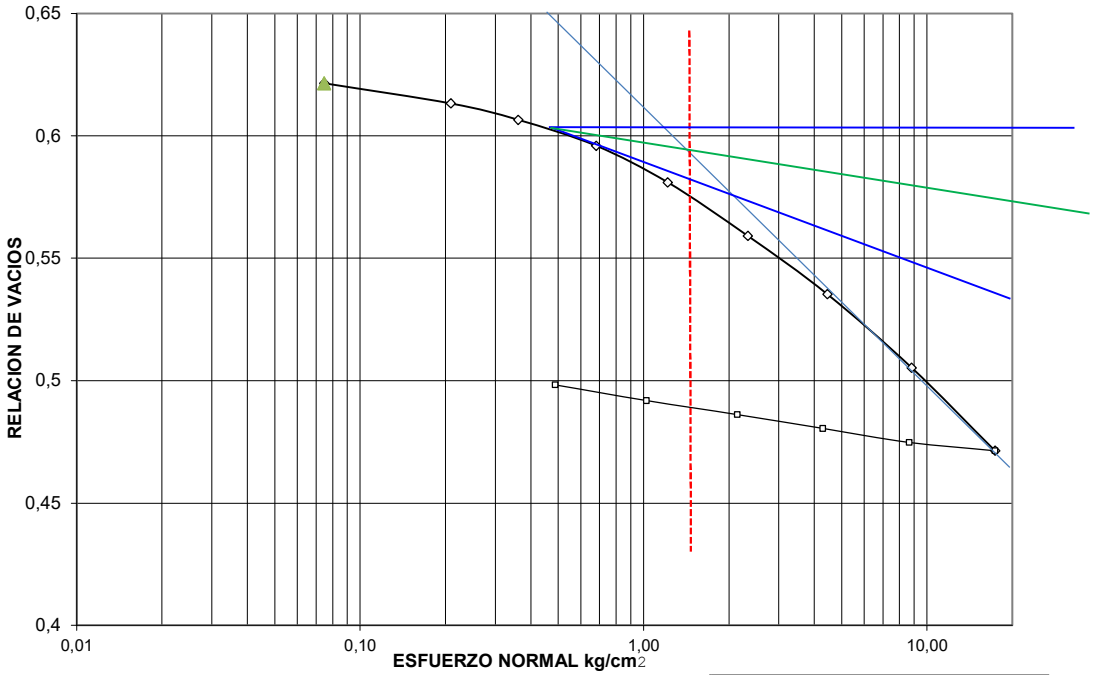
PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LUGAR:	**ZIPAQUIRÁ - LUMINARIAS**

SONDEO	S16	**MUESTRA:**	M7	**PROF (m):**	4,50-5,10	**FECHA**	5/02/2021

DESCRIPCION: Arcilla algo limosa marrón rojizo oscuro con oxidaciones, fisuras y arena media a gruesa.

OBSERVACIONES: La parte superfial presenta un color marrón rojizo suave, por la oxidación, la muestra se tomó de la parte interna

DATOS DEL ANILLO			DATOS GENERALES		DATOS DE HUMEDAD		Condicion inicial	Condicion final
Diametro	[cm]	5,11	Relacion de brazo 1:	11,00	Recipiente No.		C33	F25
Area	[cm2]	20,51	W (bl + p.p + esf)[g]	103,69	wr +m	P1[g]	111,87	85,21
Altura	[cm]	2,00	Peso especifico (Gs)	2,659	Wr + ms	P2[g]	94,22	72,68
Volumen	[cm3]	41,02	lectura final	3063,0	Wr	P3[g]	5,44	5,45
W anillo	[g]	52,86	Altura final [cm.]	1,848	Humedad w(%)		19,9	18,6
W (anill + m)IN	[g]	133,49	Altura de solidos [cm]	1,233				
W (muestra)IN	[g]	80,63	R. vacios ini (eo)	0,622	S INI. %=	85,0	S FIN. %=	99,4
Peso unitario	T/m3	1,97	0,42 X (eo)	0,261				
			W (anill + m)Final	132,51				



σ'p (kg/cm^2)	1,300
Cc	0,115
Cr	0,012

PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LUGAR:	**ZIPAQUIRÁ - LUMINARIAS**

SONDEO S16 **MUESTRA:** M7 **PROF (m):** 4,50-5,10 **FECHA** 5/02/2021

DESCRIPCION: Arcilla algo limosa marrón rojizo oscuro con oxidaciones, fisuras y arena media a gruesa.

OBSERVACIONES: La parte superfial presenta un color marrón rojizo suave, por la oxidación, la muestra se tomó de la parte interna

DATOS DE DEFORMACIÓN

FECHA		5/02/2021	6/02/2021	6/02/2021	6/02/2021	7/02/2021	7/02/2021	7/02/2021	8/02/2021
HORA		7:00:00	7:00:00	11:20:00	15:40:00	7:00:00	11:20:00	15:40:00	7:00:00
TIEMPO		1 CARGA 0,1301	2 CARGA 0,3801	3 CARGA 0,6641	4 CARGA 1,2591	5 CARGA 2,2591	6 CARGA 4,3471	7 CARGA 8,2991	8 CARGA 16,4541
		Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.
tiempo	t^ (0,5) (min)	in X10-4	in X10-4	in X10-4	in X10-4	in X10-4	in X10-4	in X10-4	in X10-4
0	0,00	3661,4	3661,4	3621,3	3588,6	3537,0	3464,6	3358,3	3242,5
4 seg	0,26		3645,7	3614,2	3578,7	3511,8	3421,3	3299,2	3169,3
15 seg	0,50		3644,5	3610,2	3563,0	3498,8	3401,6	3289,4	3153,5
34 seg	0,75		3642,5	3608,3	3557,1	3492,1	3381,9	3280,3	3141,7
1'	1,00		3640,9	3606,7	3555,1	3484,3	3379,9	3275,2	3131,9
1' 34"	1,25		3639,4	3605,5	3551,6	3482,3	3378,0	3270,1	3122,0
2'15"	1,50		3637,8	3603,9	3550,4	3480,3	3376,4	3265,4	3115,0
3' 04"	1,75		3637,0	3602,8	3549,2	3478,3	3375,2	3261,8	3113,0
4'	2,00		3635,4	3602,0	3548,0	3476,4	3374,0	3259,4	3109,8
6´15´´	2,50		3633,5	3600,0	3546,5	3474,4	3371,3	3256,3	3107,9
9'	3,00		3631,1	3598,0	3544,9	3472,4	3369,7	3255,1	3106,3
12'15"	3,50		3629,1	3596,1	3543,3	3470,9	3368,9	3253,9	3104,3
16'	4,00		3627,6	3594,9	3542,1	3469,3	3367,7	3252,4	3103,1
25'	5,00		3626,0	3593,3	3540,6	3468,5	3365,4	3250,8	3101,6
36'	6,00		3625,2	3592,1	3539,8	3468,1	3363,8	3249,2	3100,4
49'	7,00		3624,4	3591,3	3539,4	3467,7	3362,2	3247,6	3099,2
1h 4'	8,00		3624,0	3590,9	3539,0	3467,3	3361,4	3245,3	3098,8
1h 21'	9,00		3623,6	3590,6	3538,6	3466,5	3360,6	3244,1	3098,4
1h 40'	10,00		3623,2	3590,2	3538,2	3466,1	3359,8	3243,7	3098,0
2h 1'	11,00		3622,8	3589,8	3537,8	3465,7	3359,1	3243,3	3097,6
4h 16'	16,00		3621,3	3588,6	3537,0	3464,6	3358,3	3242,5	3096,9
24h 4'	38,00	3661,4							

DATOS DE DEFORMACIÓN

FECHA		8/02/2021	8/02/2021	8/02/2021	8/02/2021	8/02/2021	8/02/2021		
HORA		11:20:00	13:15:00	15:20:00	17:25:00	19:30:00	21:35:00		
TIEMPO		9 CARGA 32,4541	10 DESCARGA 16,1441	11 DESCARGA 7,9891	12 DESCARGA 3,9891	13 DESCARGA 1,8991	14 DESCARGA 0,8991		
		Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.	Lectura Def.
seg	Ömin	in X10-4	in X10-4	in X10-4	in X10-4	in X10-4	in X10-4	in X10-4	in X10-4
0	0,00	3096,9	2931,9	2948,8	2976,4	3003,9	3031,5		
4	0,26	2992,1							
15	0,50	2984,3							
34	0,75	2976,4							
60	1,00	2966,5							
94	1,25	2956,7							
135	1,50	2951,6							
184	1,75	2948,4							
240	2,00	2946,9							
375	2,50	2944,5							
540	3,00	2942,5							
735	3,50	2941,3							
960	4,00	2940,6							
1500	5,00	2939,0							
2160	6,00	2937,4							
2940	7,00	2936,6							
3840	8,00	2935,8							
4860	9,00	2934,6							
6000	10,00	2933,5							
7260	11,00	2933,1	2948,8	2976,4	3003,9	3031,5	3063,0		
15360	16,00	2931,9							
86640	38,00								

PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LUGAR:	**ZIPAQUIRÁ - LUMINARIAS**

SONDEO S16 **MUESTRA:** M7 **PROF (m):** 4,50-5,10 **FECHA** 5/02/2021

DESCRIPCION: Arcilla algo limosa marrón rojizo oscuro con oxidaciones, fisuras y arena media a gruesa.

OBSERVACIONES: La parte superfial presenta un color marrón rojizo suave, por la oxidación, la muestra se tomó de la parte interna

DATOS DE DEFORMACION

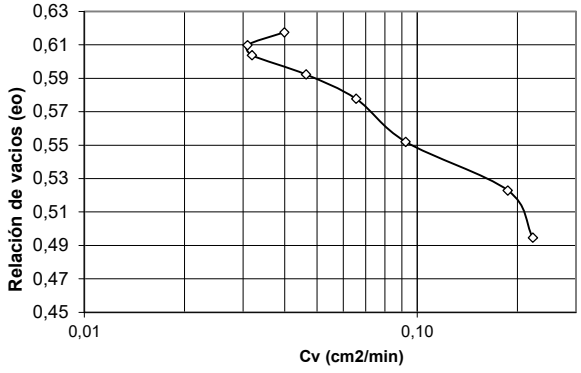
CURVA DE RELACION DE VACIOS EN FUNCION DEL ESFUERZO NORMAL

CARGA BRAZO kg	DEFORM. in X10-4	ALTURA cm	ESFUERZO Kg/cm^2	REL.VAC. e	DH/H %
0,1301	3661,4	2,0000	0,0748	0,6216	0,0000
0,1301	3661,4	2,0000	0,0748	0,6216	0,0000
0,3801	3621,3	1,9898	0,2089	0,6133	0,5100
0,6641	3588,6	1,9815	0,3612	0,6066	0,9250
1,2591	3537,0	1,9684	0,6804	0,5959	1,5800
2,2591	3464,6	1,9500	1,2167	0,5810	2,5000
4,3471	3358,3	1,9230	2,3367	0,5591	3,8500
8,2991	3242,5	1,8936	4,4564	0,5353	5,3200
16,4541	3096,9	1,8566	8,8304	0,5053	7,1700
32,4541	2931,9	1,8147	17,4123	0,4713	9,2650
16,1441	2948,8	1,8190	8,6642	0,4748	9,0500
7,9891	2976,4	1,8260	4,2901	0,4805	8,7000
3,9891	3003,9	1,8330	2,1446	0,4862	8,3500
1,8991	3031,5	1,8400	1,0236	0,4918	8,0000
0,8991	3063,0	1,8480	0,4873	0,4983	7,6000



RESUMEN DE PARAMETROS DE CONSOLIDACION

ESFUERZO (Kg/cm2)	e	e_{90}	D_0 in X10-4	D_{90} in X10-4	t_{90} min	H_{90} cm	a_v cm2/Kg	k cm/min	Cv cm2/min
0,0748	0,6216								
0,0748	0,6216								
0,2089	0,6133	0,6175	3646,00	3626,5	21,16	0,997524	0,06167390	1,52E-06	0,0399
0,3612	0,6066	0,6098	3610,00	3593,0	27,04	0,992741	0,04417749	8,50E-07	0,0309
0,6804	0,5959	0,6038	3554,00	3540,5	26,01	0,989036	0,03328094	6,65E-07	0,0319
1,2167	0,5810	0,5922	3487,00	3469,0	17,64	0,981914	0,02781372	8,15E-07	0,0463
2,3367	0,5591	0,5777	3385,00	3369,0	12,25	0,972968	0,01954675	8,22E-07	0,0655
4,4564	0,5353	0,5519	3290,00	3255,0	8,41	0,957055	0,01124532	6,76E-07	0,0924
8,8304	0,5053	0,5229	3170,00	3110,0	4,00	0,939180	0,00685834	8,52E-07	0,1870
17,4123	0,4713	0,4946	3000,00	2948,0	3,24	0,921696	0,00395854	5,98E-07	0,2223
8,6642	0,4748								
4,2901	0,4805								
2,1446	0,4862								

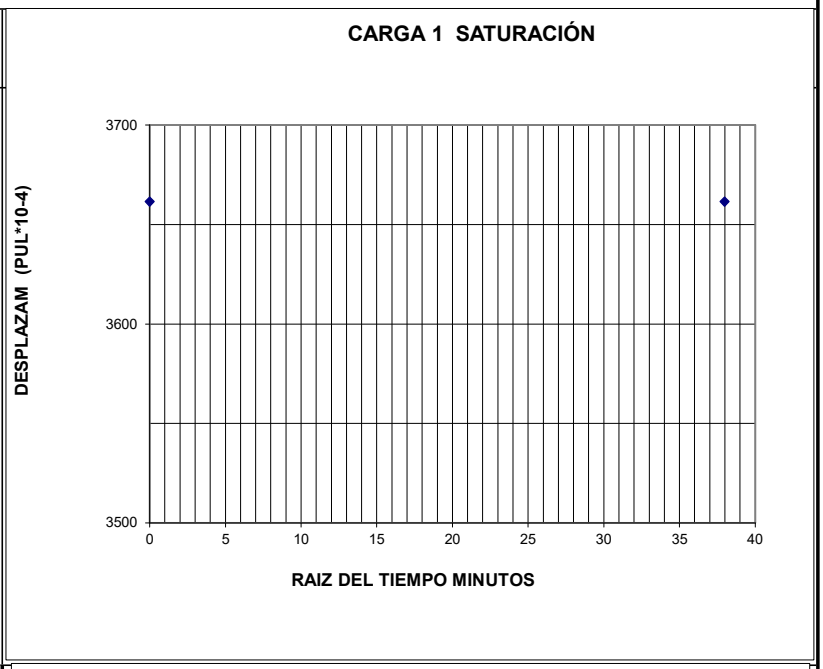


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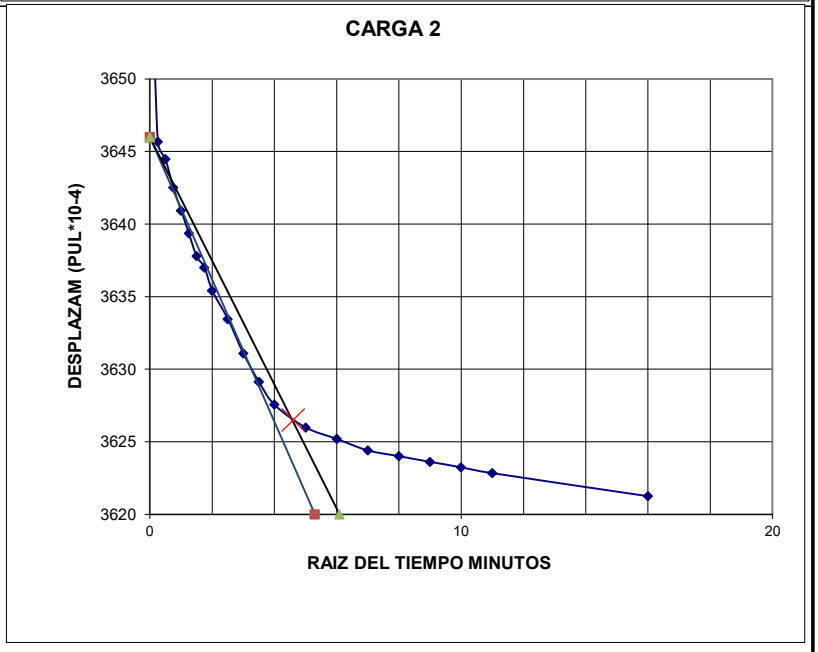
GRÁFICAS DE TAYLOR

PROYECTO:	ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA						
LUGAR:	ZIPAQUIRÁ - LUMINARIAS						
SONDEO	S16	MUESTRA:	M7	PROFUNDIDAD:	4,50-5,10	FECHA	5-feb-21
DESCRIPCION:	Arcilla algo limosa marrón rojizo oscuro con oxidaciones, fisuras y arena media a gruesa						
OBSERVACIONES	0						

RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	3661
0,3	
0,5	
0,8	
1,0	
1,3	
1,5	
1,8	
2,0	
2,5	
3,0	
3,5	
4,0	
5,0	
6,0	
7,0	
8,0	
9,0	
10,0	
11,0	
16,0	
38,0	3661



RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	3661
0,3	3646
0,5	3644
0,8	3643
1,0	3641
1,3	3639
1,5	3638
1,8	3637
2,0	3635
2,5	3633
3,0	3631
3,5	3629
4,0	3628
5,0	3626
6,0	3625
7,0	3624
8,0	3624
9,0	3624
10,0	3623
11,0	3623
16,0	3621
38,0	

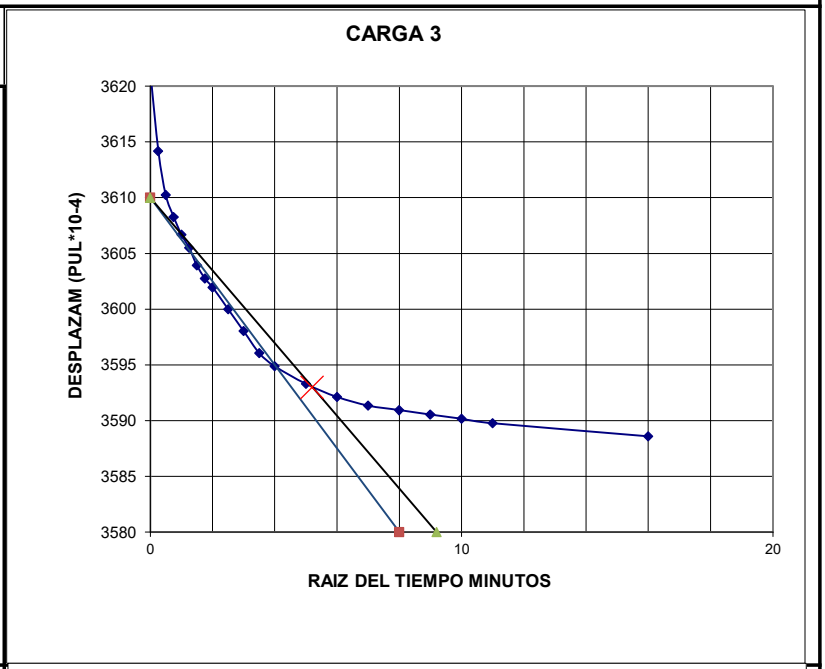


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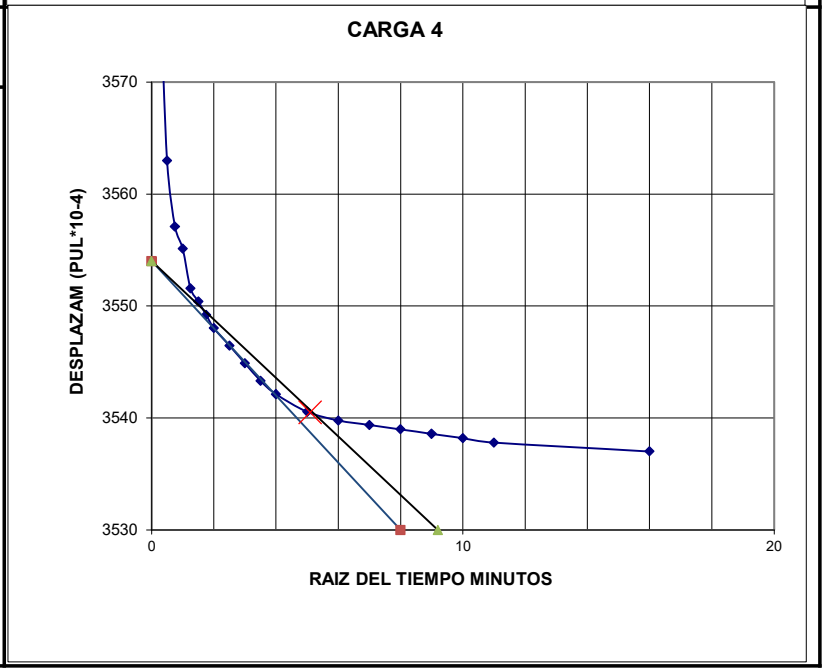
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PROYECTO:	ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA						
LUGAR:	ZIPAQUIRÁ - LUMINARIAS						
SONDEO	S16	MUESTRA:	M7	PROFUNDIDAD:	4,50-5,10	FECHA	5-feb-21
DESCRIPCION:	Arcilla algo limosa marrón rojizo oscuro con oxidaciones, fisuras y arena media a gruesa						
OBSERVACIONES	0						

RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	3621
0,3	3614
0,5	3610
0,8	3608
1,0	3607
1,3	3606
1,5	3604
1,8	3603
2,0	3602
2,5	3600
3,0	3598
3,5	3596
4,0	3595
5,0	3593
6,0	3592
7,0	3591
8,0	3591
9,0	3591
10,0	3590
11,0	3590
16,0	3589
38,0	



RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	3589
0,3	3579
0,5	3563
0,8	3557
1,0	3555
1,3	3552
1,5	3550
1,8	3549
2,0	3548
2,5	3546
3,0	3545
3,5	3543
4,0	3542
5,0	3541
6,0	3540
7,0	3539
8,0	3539
9,0	3539
10,0	3538
11,0	3538
16,0	3537
38,0	

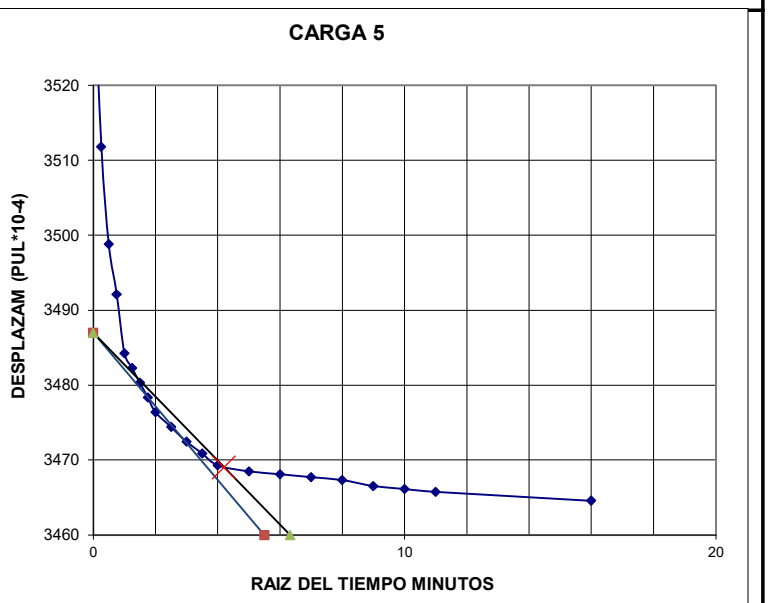


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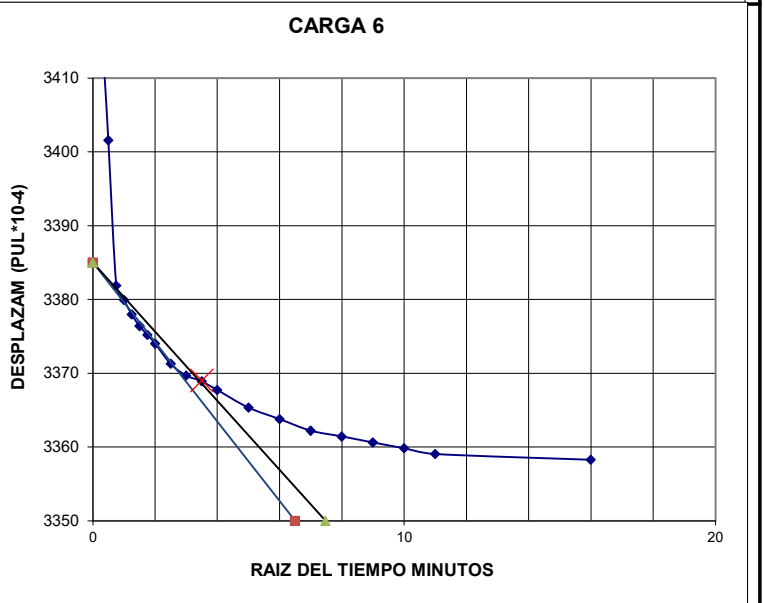
GRÁFICAS DE TAYLOR

PROYECTO:	ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA
LUGAR:	ZIPAQUIRÁ - LUMINARIAS
SONDEO	S16 MUESTRA: M7 PROFUNDIDAD: 4,50-5,10 FECHA 5-feb-21
DESCRIPCION:	Arcilla algo limosa marrón rojizo oscuro con oxidaciones, fisuras y arena media a gruesa
OBSERVACIONES	0

RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	3537
0,3	3512
0,5	3499
0,8	3492
1,0	3484
1,3	3482
1,5	3480
1,8	3478
2,0	3476
2,5	3474
3,0	3472
3,5	3471
4,0	3469
5,0	3469
6,0	3468
7,0	3468
8,0	3467
9,0	3467
10,0	3466
11,0	3466
16,0	3465
38,0	



RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	3465
0,3	3421
0,5	3402
0,8	3382
1,0	3380
1,3	3378
1,5	3376
1,8	3375
2,0	3374
2,5	3371
3,0	3370
3,5	3369
4,0	3368
5,0	3365
6,0	3364
7,0	3362
8,0	3361
9,0	3361
10,0	3360
11,0	3359
16,0	3358
38,0	

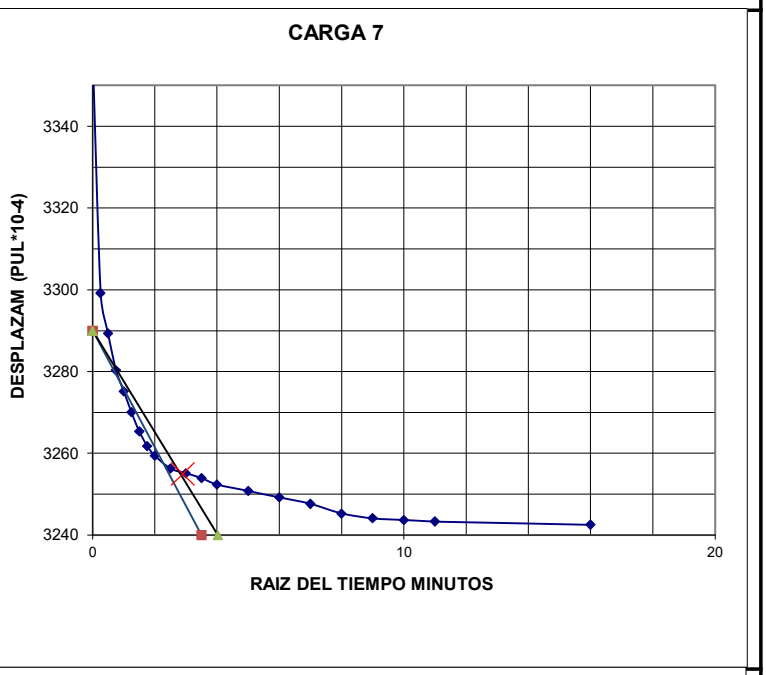


CAMING SAS INGENIEROS
NIT 901220065-0

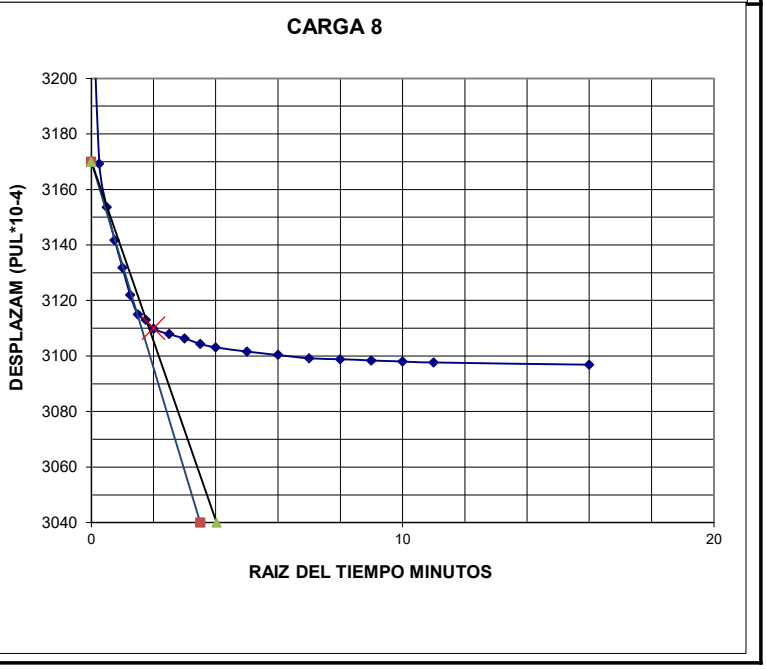
GRÁFICAS DE TAYLOR

PROYECTO:	ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA
LUGAR:	ZIPAQUIRÁ - LUMINARIAS
SONDEO	S16 MUESTRA: M7 PROFUNDIDAD: 4,50-5,10 FECHA 5-feb-21
DESCRIPCION:	Arcilla algo limosa marrón rojizo oscuro con oxidaciones, fisuras y arena media a gruesa
OBSERVACIONES	0

RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	3358
0,3	3299
0,5	3289
0,8	3280
1,0	3275
1,3	3270
1,5	3265
1,8	3262
2,0	3259
2,5	3256
3,0	3255
3,5	3254
4,0	3252
5,0	3251
6,0	3249
7,0	3248
8,0	3245
9,0	3244
10,0	3244
11,0	3243
16,0	3243
38,0	



RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	3243
0,3	3169
0,5	3154
0,8	3142
1,0	3132
1,3	3122
1,5	3115
1,8	3113
2,0	3110
2,5	3108
3,0	3106
3,5	3104
4,0	3103
5,0	3102
6,0	3100
7,0	3099
8,0	3099
9,0	3098
10,0	3098
11,0	3098
16,0	3097
38,0	

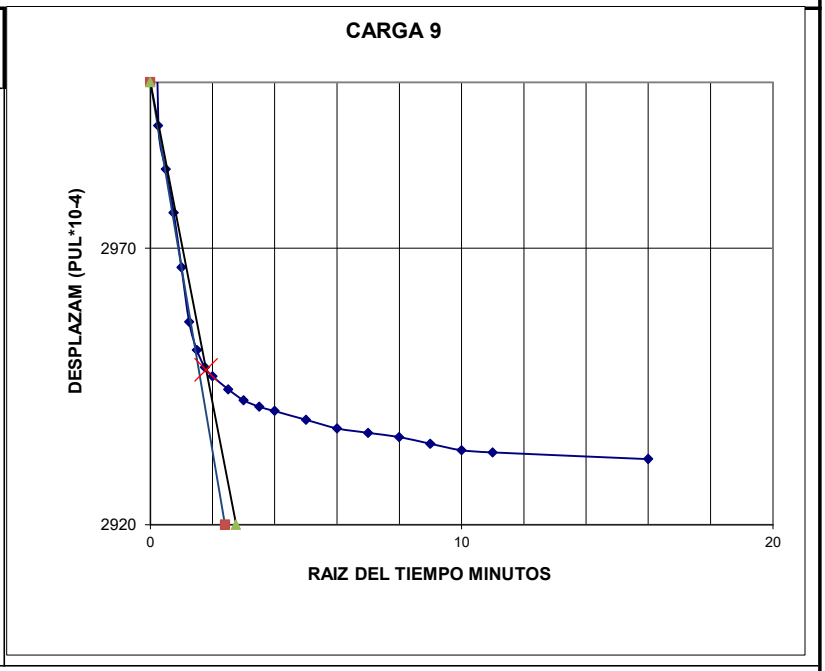


CAMING SAS INGENIEROS
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GRÁFICAS DE TAYLOR

PROYECTO:	ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA
LUGAR:	ZIPAQUIRÁ - LUMINARIAS
SONDEO	S16 MUESTRA: M7 PROFUNDIDAD: 4,50-5,10 FECHA 5-feb-21
DESCRIPCION:	Arcilla algo limosa marrón rojizo oscuro con oxidaciones, fisuras y arena media a gruesa
OBSERVACIONES	0

RAIZ TIEMPO	LECT. DEFORM. *10E -4 plg
0,0	3097
0,3	2992
0,5	2984
0,8	2976
1,0	2967
1,3	2957
1,5	2952
1,8	2948
2,0	2947
2,5	2944
3,0	2943
3,5	2941
4,0	2941
5,0	2939
6,0	2937
7,0	2937
8,0	2936
9,0	2935
10,0	2933
11,0	2933
16,0	2932
38,0	



Revisó y aprobó: Ing. Manuel Caviedes C.

CAMING SAS INGENIEROS
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PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**
	EQUIPO No. 1
	PRIMER PUNTO — FECHA ENSAYO: **5/02/2021**

SONDEO: **S10** MUESTRA: **M4** PROFUNDIDAD (m) : **2,50-3,10**

DESCRIPCIÓN: Arcilla marrón rojizo debil con oxidaciones, fisuras, arena y gravilla

OBSERVACIONES:

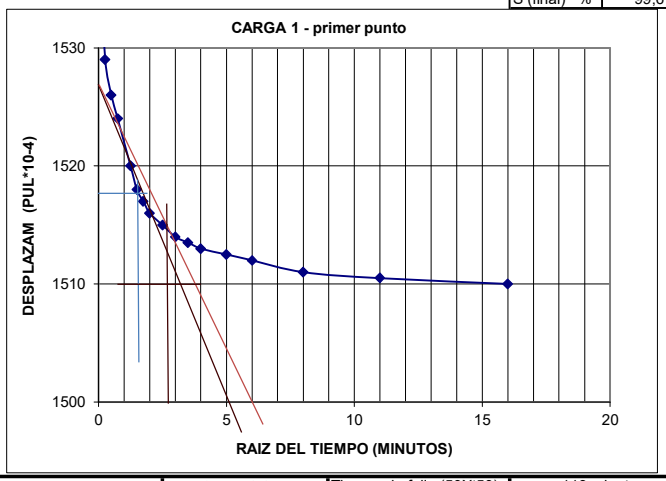
DATOS DE MONTAJE		
Diámetro muestra	[cm]	5,10
Altura muestra	[cm]	2,00
Área inicial muestra	[cm^2]	20,43
Volumen de la muestra	[cm^3]	40,86
Peso de la muestra	[gr]	83,53
Carga normal	[Kg]	8,00
Esfuerzo normal	[Kg/cm^2]	0,392
Altura final de consolidación	[cm]	1,992
Altura final	[cm]	1,976
Peso específico de sólidos	(Gs)	2,702

CONSOLIDACIÓN					
Inicial	[1^10E-4 inc]	1540,0			
Final	[1^10E-4 inc]	1510,0			
Total	[cm]	0,0076			
Peso Unitario	[gr/cm^3]	2,04			
Peso U. Seco	[gr/cm^3]	1,67			
Masa Seca Inicial	[gr]	68,14			
MUESTRA					
Inalterada	X	Circular	X	H. Natural	
Compactada		Cuadrada		Inundada	X
Hs (cm)	1,234	eo	0,620	ef	0,600

DATOS DE HUMEDAD		Condición Inicial	Condición Final
Recipiente No		C10	C38
Wr + mH	P 1 [gr]	106,80	88,58
Wr + mS	P 2 [gr]	88,12	73,50
W rec	P 3 [gr]	5,44	5,40
Humedad	%	22,6	22,1
Velocidad de falla (mm/min)		0,0617	
S (inicial)	%	98,4	
S (final)	%	99,6	

FECHA	6/02/2021
HORA	7:00:00
TIEMPO	1
CARGA (kg)	8,0

tiempo	t^ (0,5) (min)	Lectura Def. in X10-4
0	0,00	1540,0
4 seg	0,26	1529,0
15 seg	0,50	1526,0
34 seg	0,75	1524,0
1' 34"	1,25	1520,0
2'15"	1,50	1518,0
3' 04"	1,75	1517,0
4'	2,00	1516,0
6´15´´	2,50	1515,0
9'	3,00	1514,0
12'15"	3,50	1513,5
16'	4,00	1513,0
25'	5,00	1512,5
36'	6,00	1512,0
1h 4'	8,00	1511,0
2h 1'	11,00	1510,5
4h 16'	16,00	1510,0
24h 4'	38,00	



t50= 2,25 Tiempo de falla (50Xt50) 113 minutos

TIEMPO Minutos	LECTURA CELDA Kg	DEFORMACIÓN HORIZONTAL 1*10E^{-3} in	DEFORMACIÓN VERTICAL 1*10E^{-4} in	FUERZA CORTE kgf	ÁREA CORREGIDA cm²	ESFUERZO NORMAL kg/cm²	ESFUERZO CORTE kgf/cm²	DEFORMACIÓN VERTICAL %	DEFORMACIÓN HORIZONT. %	RELACIÓN t/s
0	0,00	0,0	1510,0	0,00	20,43	0,392	0,000	0,000	0,000	0,000
4	0,43	2,0	1508,0	0,43	20,43	0,392	0,021	0,025	0,100	0,054
8	0,76	5,0	1503,0	0,76	20,43	0,392	0,037	0,089	0,249	0,095
12	1,43	6,0	1498,0	1,43	20,43	0,392	0,070	0,153	0,299	0,178
16	1,91	9,0	1496,0	1,91	20,43	0,392	0,093	0,178	0,448	0,238
20	3,27	11,0	1495,0	3,27	20,43	0,392	0,160	0,191	0,548	0,409
24	4,79	12,0	1494,0	4,79	20,43	0,392	0,234	0,204	0,598	0,599
28	6,23	15,0	1492,0	6,23	20,43	0,392	0,305	0,229	0,747	0,778
32	8,22	17,0	1488,0	8,22	20,43	0,392	0,402	0,280	0,847	1,027
36	9,06	21,0	1482,0	9,06	20,43	0,392	0,444	0,357	1,046	1,133
40	10,30	53,0	1478,0	10,30	20,43	0,392	0,504	0,408	2,640	1,288
48	10,96	81,0	1472,0	10,96	20,43	0,392	0,536	0,484	4,034	1,370
72	11,67	102,0	1468,0	11,67	20,43	0,392	0,571	0,535	5,080	1,459
80	11,77	161,0	1464,0	11,77	20,43	0,392	0,576	0,586	8,018	1,471
88	11,87	181,0	1460,0	11,87	20,43	0,392	0,581	0,637	9,015	1,484
104	11,89	197,0	1458,0	11,89	20,43	0,392	0,582	0,663	9,811	1,486
112	11,71	212,0	1456,0	11,71	20,43	0,392	0,573	0,688	10,558	1,464
120	11,15	229,0	1454,0	11,15	20,43	0,392	0,546	0,714	11,405	1,394
128	10,88	256,0	1452,0	10,88	20,43	0,392	0,533	0,739	12,750	1,360
136	10,62	328,0	1450,0	10,62	20,43	0,392	0,520	0,765	16,336	1,327
140	10,48	376,0	1448,0	10,48	20,43	0,392	0,513	0,790	18,726	1,311
160	10,32	401,0	1446,0	10,32	20,43	0,392	0,505	0,816	19,971	1,290
180	10,05	437,0	1444,0	10,05	20,43	0,392	0,492	0,841	21,764	1,257

CAMING SAS INGENIEROS
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PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**
	SEGUNDO PUNTO — FECHA ENSAYO: **6/02/2021**
SONDEO:	**S10** — MUESTRA: **M4** — PROFUNDIDAD: **2,50-3,10**
DESCRIPCIÓN:	Arcilla marrón rojizo debil con oxidaciones, fisuras, arena y gravilla
OBSERVACIONES:	

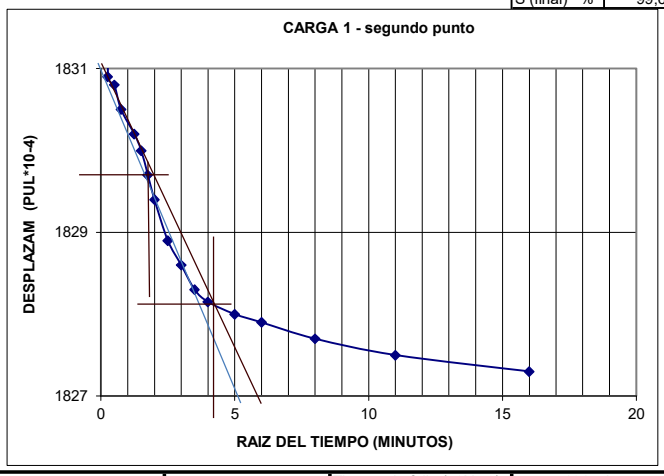
DATOS DE MONTAJE		
Diámetro muestra	[cm]	5,10
Altura muestra	[cm]	2,00
Área inicial muestra	[cm^2]	20,43
Volumen de la muestra	[cm^3]	40,86
Peso de la muestra	[gr]	82,69
Carga normal	[Kg]	16,0
Esfuerzo normal	[Kg/cm^2]	0,783
Altura final de consolidación	[cm]	1,976
Altura final	[cm]	1,946
Peso específico de sólidos	(Gs)	2,703

CONSOLIDACIÓN					
Inicial	[1^10E-4 inc]	1920,0			
Final	[1^10E-4 inc]	1827,3			
Total	[cm]	0,0235			
Peso Unitario	[gr/cm^3]	2,02			
Peso U. Seco	[gr/cm^3]	1,65			
Masa Seca Inicial	[gr]	67,28			
MUESTRA					
Inalterada	X	Circular	X	H. Natural	
Compactada		Cuadrada		Inundada	X
Hs (cm)	1,219	e_o	0,641	e_f	0,597

DATOS DE HUMEDAD		Condición Inicial	Condición Final
Recipiente No		G8	B8
Wr + mH	P 1 [gr]	114,25	87,62
Wr + mS	P 2 [gr]	93,98	72,82
W rec	P 3 [gr]	5,46	5,58
Humedad	%	22,9	22,0
Velocidad de falla (mm/min)		0,06632	
S (inicial)	%	96,5	
S (final)	%	99,6	

FECHA	7/02/2021
HORA	7:00:00

TIEMPO		1 CARGA (kg) 16,0
tiempo	t^ (0,5) (min)	Lectura Def. in X10-4
0	0,00	1920,0
4 seg	0,26	1830,9
15 seg	0,50	1830,8
34 seg	0,75	1830,5
1' 34"	1,25	1830,2
2'15"	1,50	1830,0
3' 04"	1,75	1829,7
4'	2,00	1829,4
6´15´´	2,50	1828,9
9'	3,00	1828,6
12'15"	3,50	1828,3
16'	4,00	1828,2
25'	5,00	1828,0
36'	6,00	1827,9
1h 4'	8,00	1827,7
2h 1'	11,00	1827,5
4h 16'	16,00	1827,3
24h 4'	38,00	



t50= 3,61 — Tiempo de falla (50Xt50) — 181 minutos

TIEMPO	LECTURA CELDA	DEFORMACIÓN HORIZONTAL	DEFORMACIÓN VERTICAL	FUERZA CORTE	ÁREA	ESFUERZO NORMAL	ESFUERZO CORTE	DEFORMACIÓN VERTICAL	DEFORMACIÓN HORIZONT.	RELACIÓN
Minutos	Kgf	1*10E^{-3} in	1*10E^{-4} in	kgf	Ao cm²	kg/cm²	kgf/cm²	%	%	t/s
0	0,00	0	1828	0,00	20,43	0,783	0,000	0,000	0,000	0,000
4	0,48	4	1826	0,48	20,43	0,783	0,023	0,026	0,199	0,030
8	0,96	8	1815	0,96	20,43	0,783	0,047	0,167	0,398	0,060
12	1,92	10	1810	1,92	20,43	0,783	0,094	0,231	0,498	0,120
16	2,40	12	1809	2,40	20,43	0,783	0,117	0,244	0,598	0,150
20	5,40	14	1808	5,40	20,43	0,783	0,264	0,257	0,697	0,338
24	7,29	16	1807	7,29	20,43	0,783	0,357	0,270	0,797	0,456
28	10,00	18	1805	10,00	20,43	0,783	0,490	0,296	0,896	0,625
32	12,51	20	1800	12,51	20,43	0,783	0,613	0,360	0,996	0,782
36	13,79	26	1790	13,79	20,43	0,783	0,675	0,488	1,295	0,862
40	15,76	42	1789	15,76	20,43	0,783	0,772	0,501	2,092	0,985
48	15,96	58	1780	15,96	20,43	0,783	0,781	0,617	2,889	0,998
72	15,60	76	1775	15,60	20,43	0,783	0,764	0,681	3,785	0,975
80	15,60	80	1770	15,60	20,43	0,783	0,764	0,745	3,984	0,975
88	15,60	124	1765	15,60	20,43	0,783	0,764	0,810	6,176	0,975
104	15,48	152	1760	15,48	20,43	0,783	0,758	0,874	7,570	0,968
112	15,12	180	1755	15,12	20,43	0,783	0,740	0,938	8,965	0,945
120	13,68	212	1750	13,68	20,43	0,783	0,670	1,002	10,558	0,855
128	13,44	270	1746	13,44	20,43	0,783	0,658	1,054	13,447	0,840
136	13,20	290	1742	13,20	20,43	0,783	0,646	1,105	14,443	0,825
144	13,08	340	1738	13,08	20,43	0,783	0,640	1,157	16,933	0,818
152	12,84	390	1730	12,84	20,43	0,783	0,629	1,259	19,424	0,803
160	12,60	453	1722	12,60	20,43	0,783	0,617	1,362	22,561	0,788
180	12,00	470	1710	12,00	20,43	0,783	0,587	1,516	23,408	0,750

PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**
	TERCER PUNTO
FECHA ENSAYO:	**7/02/2021**

SONDEO: **S10** MUESTRA: **M4** PROFUNDIDAD: **2,50-3,10**

DESCRIPCIÓN: Arcilla marrón rojizo debil con oxidaciones, fisuras, arena y gravilla

OBSERVACIONES:

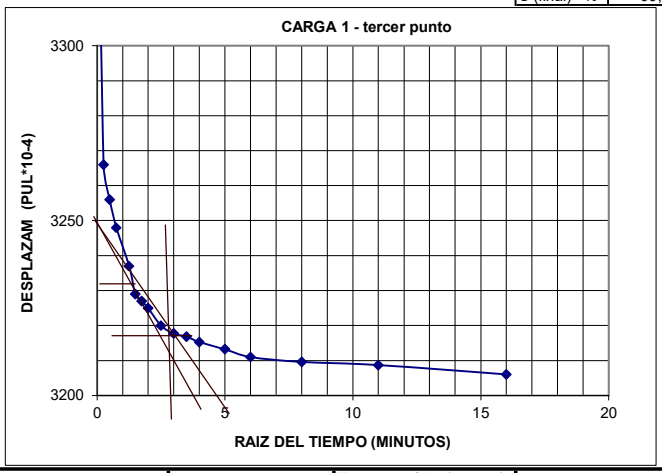
DATOS DE MONTAJE		
Diámetro muestra	[cm]	5,10
Altura muestra	[cm]	2,00
Área inicial muestra	[cm^2]	20,43
Volumen de la muestra	[cm^3]	40,86
Peso de la muestra	[gr]	82,83
Carga normal	[Kg]	25,0
Esfuerzo normal	[Kg/cm^2]	1,224
Altura final de consolidación [cm]		1,957
Altura final	[cm]	1,948
Peso específico de sólidos (Gs)		2,703

CONSOLIDACIÓN					
Inicial [1^10E-4 inc]	3374,0				
Final [1^10E-4 inc]	3206,0				
Total [cm]	0,0427				
Peso Unitario [gr/cm^3]	2,03				
Peso U. Seco [gr/cm^3]	1,64				
Masa Seca Inicial [gr]	66,99				
MUESTRA					
Inalterada	X	Circular	X	H. Natural	
Compactada		Cuadrada		Inundada	X
Hs (cm)	1,213	e_o	0,649	e_f	0,605

DATOS DE HUMEDAD		Condición Inicial	Condición Final
Recipiente No		C9	C5F
Wr + mH	P 1 [gr]	89,66	87,23
Wr + mS	P 2 [gr]	73,62	72,33
W rec	P 3 [gr]	5,78	5,65
Humedad	%	23,6	22,3
Velocidad de falla (mm/min)		0,07098	
S (inicial) %		98,5	
S (final) %		99,8	

FECHA	8/02/2021
HORA	7:00:00
TIEMPO	1
	CARGA (kg) 25,0

tiempo	t^ (0,5) (min)	Lectura Def. in X10-4
0	0,00	3374,0
4 seg	0,26	3266,0
15 seg	0,50	3256,0
34 seg	0,75	3248,0
1' 34"	1,25	3237,0
2'15"	1,50	3229,0
3' 04"	1,75	3227,0
4'	2,00	3225,0
6´15´´	2,50	3220,0
9'	3,00	3217,7
12'15"	3,50	3216,8
16'	4,00	3215,3
25'	5,00	3213,2
36'	6,00	3211,0
1h 4'	8,00	3209,6
2h 1'	11,00	3208,7
4h 16'	16,00	3206,0
24h 4'	38,00	

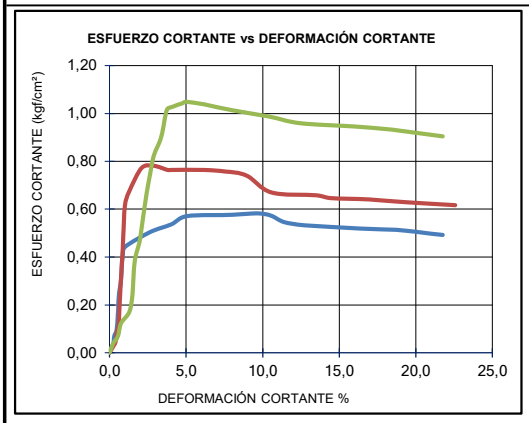


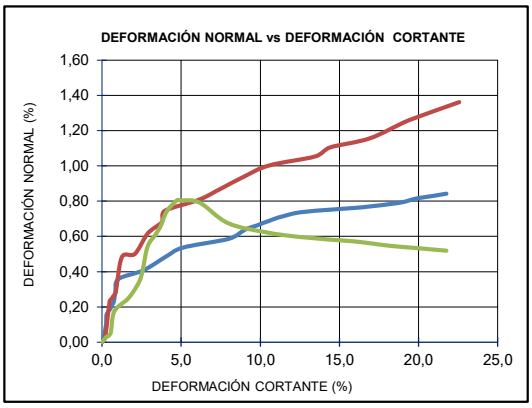
t50= 2,25 Tiempo de falla (50Xt50) 113 minutos

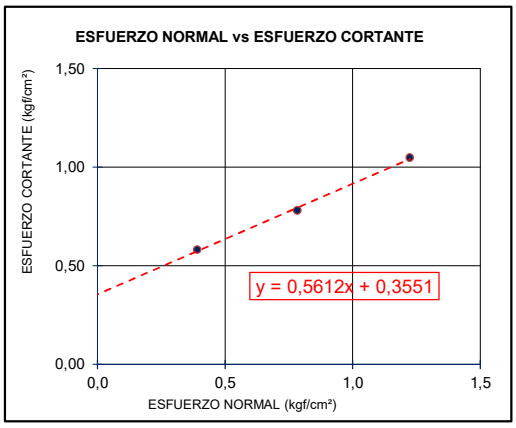
TIEMPO Minutos	LECTURA CELDA Kgf	DEFORMACIÓN HORIZONTAL $1*10E^{-3}$ in	DEFORMACIÓN VERTICAL $1*10E^{-4}$ in	FUERZA CORTE kgf	ÁREA Ao cm^2	ESFUERZO NORMAL kg/cm^2	ESFUERZO CORTE kgf/cm^2	DEFORMACIÓN VERTICAL %	DEFORMACIÓN HORIZONT. %	RELACIÓN t/s
0	0,00	0	3102	0,00	20,43	1,224	0,000	0,000	0,000	0,000
4	0,84	5	3100	0,84	20,43	1,224	0,041	0,026	0,249	0,034
8	1,40	11	3098	1,40	20,43	1,224	0,069	0,052	0,548	0,056
12	2,52	15	3089	2,52	20,43	1,224	0,123	0,169	0,747	0,101
16	3,50	26	3085	3,50	20,43	1,224	0,171	0,221	1,295	0,140
20	5,04	30	3084	5,04	20,43	1,224	0,247	0,234	1,494	0,202
24	7,84	33	3083	7,84	20,43	1,224	0,384	0,247	1,644	0,313
28	9,80	40	3080	9,80	20,43	1,224	0,480	0,285	1,992	0,392
32	13,44	48	3075	13,44	20,43	1,224	0,658	0,350	2,391	0,537
36	14,83	52	3070	14,83	20,43	1,224	0,726	0,415	2,590	0,593
40	16,79	58	3060	16,79	20,43	1,224	0,822	0,545	2,889	0,672
48	18,47	68	3055	18,47	20,43	1,224	0,904	0,610	3,387	0,739
72	20,71	75	3051	20,71	20,43	1,224	1,014	0,662	3,735	0,829
80	20,99	82	3045	20,99	20,43	1,224	1,028	0,740	4,084	0,840
88	21,27	95	3040	21,27	20,43	1,224	1,041	0,805	4,731	0,851
100	21,41	100	3040	21,41	20,43	1,224	1,048	0,805	4,980	0,856
115	21,19	124	3041	21,19	20,43	1,224	1,037	0,792	6,176	0,848
130	20,71	160	3050	20,71	20,43	1,224	1,014	0,675	7,969	0,829
145	20,15	209	3054	20,15	20,43	1,224	0,987	0,623	10,409	0,806
160	19,59	250	3056	19,59	20,43	1,224	0,959	0,597	12,451	0,784
180	19,31	320	3058	19,31	20,43	1,224	0,945	0,571	15,937	0,773
200	19,03	370	3060	19,03	20,43	1,224	0,932	0,545	18,427	0,761
220	18,47	437	3062	18,47	20,43	1,224	0,904	0,519	21,764	0,739
240	17,63	503	3064	17,63	20,43	1,224	0,863	0,493	25,051	0,705

PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**
FECHA ENSAYO:	**9/02/2021**

SONDEO:	**S10**	MUESTRA:	**M4**	PROFUNDIDAD:	**2,50-3,10**
DESCRIPCIÓN:	Arcilla marrón rojizo debil con oxidaciones, fisuras, arena y gravilla				
OBSERVACIONES:					









PICO	**C =**	**0,36**	Kgf/cm^2		**Φ =**	**29,3 °**

REVISÓ Y APROBÓ: ING. MANUEL CAVIEDES

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CAMING SAS INGENIEROS
NIT 901220065-0

PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**		
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**		
	EQUIPO No. 2		
	PRIMER PUNTO	FECHA ENSAYO:	**5/02/2021**
SONDEO:	**S11**	MUESTRA: **M3**	PROFUNDIDAD (m) : **2,40-3,00**
DESCRIPCIÓN:	Arcilla marrón rojizo oscuro (10R 3/3), con oxidaciones, fisuras, arena y gravilla		
OBSERVACIONES:			

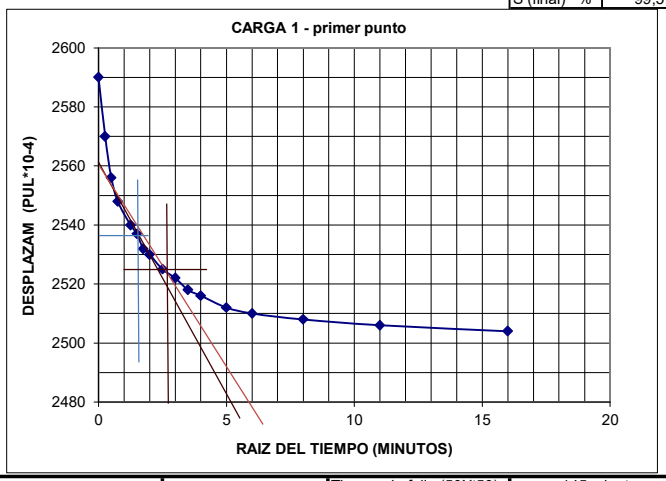
DATOS DE MONTAJE		
Diámetro muestra	[cm]	5,10
Altura muestra	[cm]	2,00
Área inicial muestra	[cm^2]	20,43
Volumen de la muestra	[cm^3]	40,86
Peso de la muestra	[gr]	80,13
Carga normal	[Kg]	8,00
Esfuerzo normal	[Kg/cm^2]	0,392
Altura final de consolidación	[cm]	1,978
Altura final	[cm]	1,970
Peso específico de sólidos	(Gs)	2,691

CONSOLIDACIÓN					
Inicial	[1^10E-4 inc]	2590,0			
Final	[1^10E-4 inc]	2504,0			
Total	[cm]	0,0218			
Peso Unitario	[gr/cm^3]	1,96			
Peso U. Seco	[gr/cm^3]	1,56			
Masa Seca Inicial	[gr]	63,71			
MUESTRA					
Inalterada	X	Circular	X	H. Natural	
Compactada		Cuadrada		Inundada	X
Hs (cm)	1,159	eo	0,726	ef	0,700

DATOS DE HUMEDAD		Condición Inicial	Condición Final
Recipiente No		H1	O12
Wr + mH	P 1 [gr]	83,57	85,77
Wr + mS	P 2 [gr]	67,50	69,29
W rec	P 3 [gr]	5,13	5,60
Humedad	%	25,8	25,9
Velocidad de falla (mm/min)		0,0559	
S (inicial) %		95,6	
S (final) %		99,5	

FECHA	6/02/2021
HORA	7:00:00
TIEMPO	1
	CARGA (kg) 8,0

tiempo	t^ (0,5) (min)	Lectura Def. in X10-4
0	0,00	2590,0
4 seg	0,26	2570,0
15 seg	0,50	2556,0
34 seg	0,75	2548,0
1' 34"	1,25	2540,0
2'15"	1,50	2537,0
3' 04"	1,75	2532,0
4'	2,00	2530,0
6´15´´	2,50	2525,0
9'	3,00	2522,0
12'15"	3,50	2518,0
16'	4,00	2516,0
25'	5,00	2512,0
36'	6,00	2510,0
1h 4'	8,00	2508,0
2h 1'	11,00	2506,0
4h 16'	16,00	2504,0
24h 4'	38,00	



t50= 2,89 | Tiempo de falla (50Xt50) | 145 minutos

TIEMPO Minutos	LECTURA CELDA Kg	DEFORMACIÓN HORIZONTAL 1*10E^{-3} in	DEFORMACIÓN VERTICAL 1*10E^{-4} in	FUERZA CORTE kgf	ÁREA CORREGIDA cm²	ESFUERZO NORMAL kg/cm²	ESFUERZO CORTE kgf/cm²	DEFORMACIÓN VERTICAL %	DEFORMACIÓN HORIZONT. %	RELACIÓN t/s
0	0,00	0,0	1890,0	0,00	20,43	0,392	0,000	0,000	0,000	0,000
8	0,97	2,0	1881,0	0,97	20,43	0,392	0,047	0,116	0,100	0,121
12	1,57	5,0	1880,0	1,57	20,43	0,392	0,077	0,128	0,249	0,196
16	2,16	6,0	1879,0	2,16	20,43	0,392	0,106	0,141	0,299	0,271
20	2,76	9,0	1878,0	2,76	20,43	0,392	0,135	0,154	0,448	0,345
24	3,28	11,0	1878,0	3,28	20,43	0,392	0,161	0,154	0,548	0,411
28	3,96	12,0	1877,0	3,96	20,43	0,392	0,194	0,167	0,598	0,494
32	4,78	15,0	1875,0	4,78	20,43	0,392	0,234	0,193	0,747	0,597
36	5,45	17,0	1874,0	5,45	20,43	0,392	0,267	0,205	0,847	0,681
40	5,90	21,0	1873,0	5,90	20,43	0,392	0,289	0,218	1,046	0,737
48	6,49	53,0	1872,0	6,49	20,43	0,392	0,318	0,231	2,640	0,812
72	6,94	81,0	1871,0	6,94	20,43	0,392	0,340	0,244	4,034	0,868
80	7,91	102,0	1870,0	7,91	20,43	0,392	0,387	0,257	5,080	0,989
88	8,29	161,0	1869,0	8,29	20,43	0,392	0,406	0,270	8,018	1,036
104	8,96	181,0	1869,0	8,96	20,43	0,392	0,438	0,270	9,015	1,120
112	9,11	197,0	1868,0	9,11	20,43	0,392	0,446	0,282	9,811	1,138
120	9,07	212,0	1867,0	9,07	20,43	0,392	0,444	0,295	10,558	1,134
128	8,96	230,0	1866,0	8,96	20,43	0,392	0,438	0,308	11,455	1,120
136	8,14	260,0	1865,0	8,14	20,43	0,392	0,398	0,321	12,949	1,017
140	7,84	330,0	1864,0	7,84	20,43	0,392	0,384	0,334	16,435	0,980
160	7,31	380,0	1862,0	7,31	20,43	0,392	0,358	0,360	18,925	0,914
180	6,87	400,0	1860,0	6,87	20,43	0,392	0,336	0,385	19,922	0,858
200	6,57	440,0	1857,0	6,57	20,43	0,392	0,322	0,424	21,914	0,821

CAMING SAS INGENIEROS
NIT 901220065-0

PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**		
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**		
	SEGUNDO PUNTO	FECHA ENSAYO:	**6/02/2021**
SONDEO:	**S11**	MUESTRA: **M3**	PROFUNDIDAD: **2,40-3,00**
DESCRIPCIÓN:	Arcilla marrón rojizo oscuro (10R 3/3), con oxidaciones, fisuras, arena y gravilla		
OBSERVACIONES:			

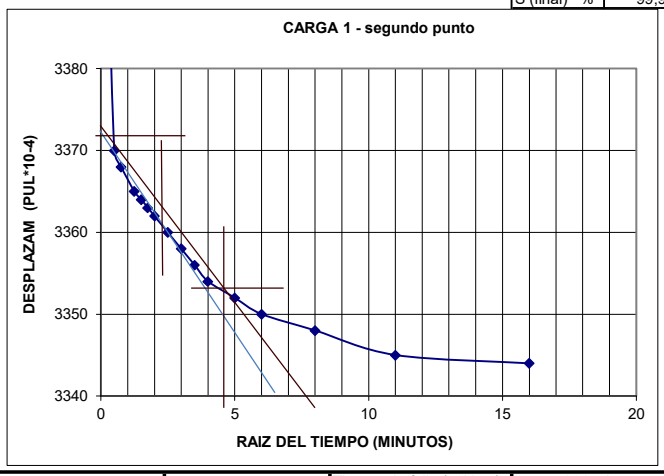
DATOS DE MONTAJE		
Diámetro muestra	[cm]	5,10
Altura muestra	[cm]	2,00
Área inicial muestra	[cm^2]	20,43
Volumen de la muestra	[cm^3]	40,86
Peso de la muestra	[gr]	80,82
Carga normal	[Kg]	16,0
Esfuerzo normal	[Kg/cm^2]	0,783
Altura final de consolidación	[cm]	1,960
Altura final	[cm]	1,955
Peso específico de sólidos	(Gs)	2,703

CONSOLIDACIÓN					
Inicial	[1^10E-4 inc]	3500,0			
Final	[1^10E-4 inc]	3344,0			
Total	[cm]	0,0396			
Peso Unitario	[gr/cm^3]	1,98			
Peso U. Seco	[gr/cm^3]	1,57			
Masa Seca Inicial	[gr]	64,15			
MUESTRA					
Inalterada	X	Circular	X	H. Natural	
Compactada		Cuadrada		Inundada	X
Hs (cm)	1,162	e_o	0,722	e_f	0,683

DATOS DE HUMEDAD		Condición Inicial	Condición Final
Recipiente No		T4	A6
Wr + mH	P 1 [gr]	118,95	86,33
Wr + mS	P 2 [gr]	95,65	70,15
W rec	P 3 [gr]	6,01	6,05
Humedad	%	26,0	25,2
Velocidad de falla (mm/min)		0,04657	
S (inicial)	%	97,4	
S (final)	%	99,9	

FECHA	7/02/2021
HORA	7:00:00
TIEMPO	1
	CARGA (kg) 16,0

tiempo	t^ (0,5) (min)	Lectura Def. in X10-4
0	0,00	3500,0
4 seg	0,26	3400,0
15 seg	0,50	3370,0
34 seg	0,75	3368,0
1' 34"	1,25	3365,0
2'15"	1,50	3364,0
3' 04"	1,75	3363,0
4'	2,00	3362,0
6´15´´	2,50	3360,0
9'	3,00	3358,0
12'15"	3,50	3356,0
16'	4,00	3354,0
25'	5,00	3352,0
36'	6,00	3350,0
1h 4'	8,00	3348,0
2h 1'	11,00	3345,0
4h 16'	16,00	3344,0
24h 4'	38,00	



t50= 4,1 | Tiempo de falla (50Xt50) | 221 minutos

TIEMPO Minutos	LECTURA CELDA Kgf	DEFORMACIÓN HORIZONTAL 1*10E^{-3} in	DEFORMACIÓN VERTICAL 1*10E^{-4} in	FUERZA CORTE kgf	ÁREA Ao cm²	ESFUERZO NORMAL kg/cm²	ESFUERZO CORTE kgf/cm²	DEFORMACIÓN VERTICAL %	DEFORMACIÓN HORIZONT. %	RELACIÓN t/s
0	0,00	0	3370	0,00	20,43	0,783	0,000	0,000	0,000	0,000
16	1,40	2	3369	1,40	20,43	0,783	0,069	0,013	0,100	0,087
20	2,52	4	3368	2,52	20,43	0,783	0,123	0,026	0,199	0,157
24	4,20	7	3367	4,20	20,43	0,783	0,206	0,039	0,349	0,262
28	5,88	10	3366	5,88	20,43	0,783	0,288	0,052	0,473	0,367
32	7,00	11	3365	7,00	20,43	0,783	0,343	0,065	0,523	0,437
36	8,96	12	3365	8,96	20,43	0,783	0,438	0,065	0,598	0,560
40	10,64	15	3365	10,64	20,43	0,783	0,521	0,065	0,747	0,665
48	12,04	20	3364	12,04	20,43	0,783	0,589	0,078	0,996	0,752
72	12,32	25	3364	12,32	20,43	0,783	0,603	0,078	1,220	0,770
80	12,60	30	3363	12,60	20,43	0,783	0,617	0,091	1,494	0,787
88	11,76	37	3362	11,76	20,43	0,783	0,575	0,104	1,828	0,735
104	11,48	45	3360	11,48	20,43	0,783	0,562	0,130	2,241	0,717
112	10,92	52	3359	10,92	20,43	0,783	0,534	0,143	2,590	0,682
120	10,64	63	3358	10,64	20,43	0,783	0,521	0,155	3,138	0,665
128	10,36	76	3357	10,36	20,43	0,783	0,507	0,168	3,785	0,647
136	10,08	92	3356	10,08	20,43	0,783	0,493	0,181	4,582	0,630
144	9,52	120	3356	9,52	20,43	0,783	0,466	0,181	5,976	0,595
152	8,96	141	3355	8,96	20,43	0,783	0,438	0,194	7,022	0,560
160	8,40	194	3354	8,40	20,43	0,783	0,411	0,207	9,662	0,525
180	7,00	247	3353	7,00	20,43	0,783	0,343	0,220	12,302	0,437
200	6,16	321	3352	6,16	20,43	0,783	0,301	0,233	15,987	0,385
220	5,60	344	3351	5,60	20,43	0,783	0,274	0,246	17,133	0,350
240	5,04	440	3350	5,04	20,43	0,783	0,247	0,259	21,914	0,315

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NIT 901220065-0

PROYECTO: **ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**

LOCALIZACIÓN: **ZIPAQUIRÁ - LUMINARIAS**
TERCER PUNTO

FECHA ENSAYO: **7/02/2021**

SONDEO: **S11** MUESTRA: **M3** PROFUNDIDAD: **2,40-3,00**

DESCRIPCIÓN: Arcilla marrón rojizo oscuro (10R 3/3), con oxidaciones, fisuras, arena y gravilla

OBSERVACIONES:

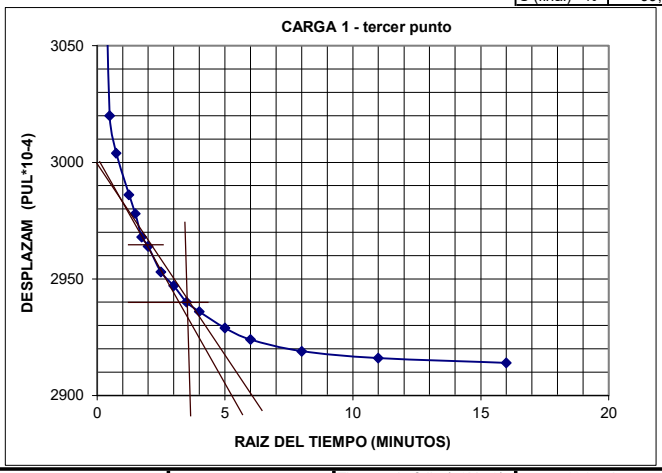
DATOS DE MONTAJE		
Diámetro muestra	[cm]	5,10
Altura muestra	[cm]	2,00
Área inicial muestra	[cm^2]	20,43
Volumen de la muestra	[cm^3]	40,86
Peso de la muestra	[gr]	80,09
Carga normal	[Kg]	25,0
Esfuerzo normal	[Kg/cm^2]	1,224
Altura final de consolidación	[cm]	1,892
Altura final	[cm]	1,874
Peso específico de sólidos	(Gs)	2,703

CONSOLIDACIÓN					
Inicial	[1^10E-4 inc]	3340,0			
Final	[1^10E-4 inc]	2914,0			
Total	[cm]	0,1082			
Peso Unitario	[gr/cm^3]	1,96			
Peso U. Seco	[gr/cm^3]	1,56			
Masa Seca Inicial	[gr]	63,86			
MUESTRA					
Inalterada	X	Circular	X	H. Natural	
Compactada		Cuadrada		Inundada	X
Hs (cm)	1,156	e_o	0,729	e_f	0,620

DATOS DE HUMEDAD		Condición Inicial	Condición Final
Recipiente No		E35	M7X
Wr + mH	P 1 [gr]	99,50	83,74
Wr + mS	P 2 [gr]	80,45	69,22
W rec	P 3 [gr]	5,51	5,48
Humedad	%	25,4	22,8
Velocidad de falla (mm/min)		0,06731	
S (inicial) %		94,2	
S (final) %		99,3	

FECHA	8/02/2021
HORA	7:00:00
TIEMPO	1
	CARGA (kg) 25,0

tiempo	t^ (0,5) (min)	Lectura Def. in X10-4
0	0,00	3340,0
4 seg	0,26	3135,0
15 seg	0,50	3020,0
34 seg	0,75	3004,0
1' 34"	1,25	2986,0
2'15"	1,50	2978,0
3' 04"	1,75	2968,0
4'	2,00	2964,0
6´15´´	2,50	2953,0
9'	3,00	2947,0
12'15"	3,50	2940,0
16'	4,00	2936,0
25'	5,00	2929,0
36'	6,00	2924,0
1h 4'	8,00	2919,0
2h 1'	11,00	2916,0
4h 16'	16,00	2914,0
24h 4'	38,00	



t50= 3,61 Tiempo de falla (50Xt50) 181 minutos

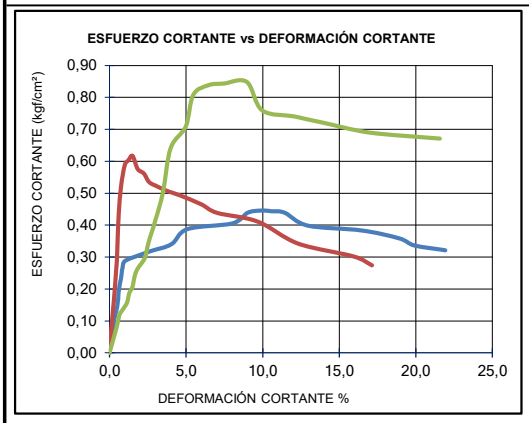
TIEMPO Minutos	LECTURA CELDA Kgf	DEFORMACIÓN HORIZONTAL 1*10E^{-3} in	DEFORMACIÓN VERTICAL 1*10E^{-4} in	FUERZA CORTE kgf	ÁREA Ao cm²	ESFUERZO NORMAL kg/cm²	ESFUERZO CORTE kgf/cm²	DEFORMACIÓN VERTICAL %	DEFORMACIÓN HORIZONT. %	RELACIÓN t/s
0	0,00	0	2908	0,00	20,43	1,224	0,000	0,000	0,000	0,000
4	1,61	9	2901	1,61	20,43	1,224	0,079	0,094	0,448	0,064
8	2,42	13	2900	2,42	20,43	1,224	0,118	0,107	0,647	0,097
12	2,82	18	2898	2,82	20,43	1,224	0,138	0,134	0,896	0,113
16	3,22	23	2896	3,22	20,43	1,224	0,158	0,161	1,145	0,129
20	3,83	26	2895	3,83	20,43	1,224	0,187	0,175	1,295	0,153
24	4,23	30	2894	4,23	20,43	1,224	0,207	0,188	1,494	0,169
28	5,24	35	2886	5,24	20,43	1,224	0,256	0,295	1,743	0,210
32	6,05	46	2882	6,05	20,43	1,224	0,296	0,349	2,291	0,242
36	7,05	51	2881	7,05	20,43	1,224	0,345	0,363	2,540	0,282
40	8,46	60	2877	8,46	20,43	1,224	0,414	0,416	2,988	0,339
48	10,28	70	2876	10,28	20,43	1,224	0,503	0,430	3,486	0,411
72	13,10	80	2876	13,10	20,43	1,224	0,641	0,430	3,984	0,524
80	14,51	100	2876	14,51	20,43	1,224	0,710	0,430	4,980	0,580
88	16,53	110	2874	16,53	20,43	1,224	0,809	0,456	5,478	0,661
100	17,13	130	2872	17,13	20,43	1,224	0,839	0,483	6,475	0,685
115	17,23	150	2870	17,23	20,43	1,224	0,843	0,510	7,471	0,689
130	17,33	180	2868	17,33	20,43	1,224	0,848	0,537	8,965	0,693
145	15,52	200	2862	15,52	20,43	1,224	0,760	0,618	9,961	0,621
160	15,11	243	2858	15,11	20,43	1,224	0,740	0,671	12,102	0,605
180	14,71	281	2855	14,71	20,43	1,224	0,720	0,712	13,995	0,588
200	14,11	340	2848	14,11	20,43	1,224	0,691	0,806	16,933	0,564
220	13,70	433	2840	13,70	20,43	1,224	0,671	0,913	21,565	0,548
240	13,10	477	2836	13,10	20,43	1,224	0,641	0,967	23,756	0,524

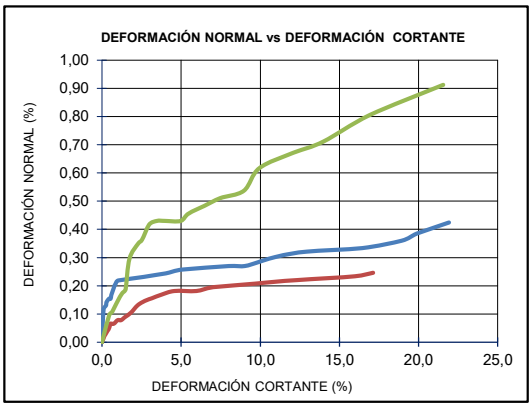
PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**
FECHA ENSAYO:	**9/02/2021**

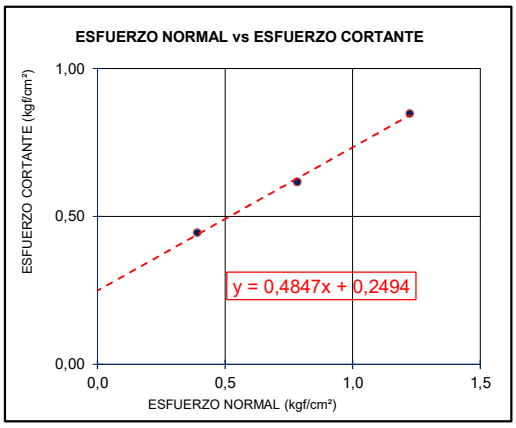
SONDEO:	**S11**	MUESTRA:	**M3**	PROFUNDIDAD:	**2,40-3,00**

DESCRIPCIÓN: Arcilla marrón rojizo oscuro (10R 3/3), con oxidaciones, fisuras, arena y gravilla

OBSERVACIONES:









PICO	**C =**	**0,25**	Kgf/cm^2		**Φ =** **25,9** °

REVISÓ Y APROBÓ: ING. MANUEL CAVIEDES

Pag 4/4

CAMING SAS INGENIEROS
NIT 901220065-0

PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**		
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**		
	EQUIPO No. 3		
	PRIMER PUNTO	FECHA ENSAYO:	**5/02/2021**
SONDEO:	**S11**	MUESTRA: **M6**	PROFUNDIDAD (m) : **5,10-5,70**
DESCRIPCIÓN:	Arcilla gris oscuro (7,5R 3/1), con oxidaciones, fisuras, arena y gravilla		
OBSERVACIONES:			

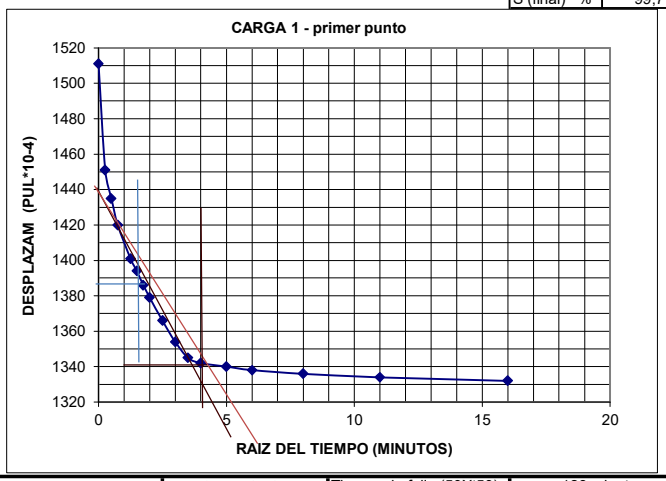
DATOS DE MONTAJE		
Diámetro muestra	[cm]	5,10
Altura muestra	[cm]	2,00
Área inicial muestra	[cm^2]	20,43
Volumen de la muestra	[cm^3]	40,86
Peso de la muestra	[gr]	80,14
Carga normal	[Kg]	10,00
Esfuerzo normal	[Kg/cm^2]	0,490
Altura final de consolidación	[cm]	1,955
Altura final	[cm]	1,946
Peso específico de sólidos	(Gs)	2,693

CONSOLIDACIÓN					
Inicial	[1^10E-4 inc]	1511,0			
Final	[1^10E-4 inc]	1332,0			
Total	[cm]	0,0455			
Peso Unitario	[gr/cm^3]	1,96			
Peso U. Seco	[gr/cm^3]	1,55			
Masa Seca Inicial	[gr]	63,36			
MUESTRA					
Inalterada	X	Circular	X	H. Natural	
Compactada		Cuadrada		Inundada	X
Hs (cm)	1,152	eo	0,736	ef	0,689

DATOS DE HUMEDAD		Condición Inicial	Condición Final
Recipiente No		F21	F22
Wr + mH	P 1 [gr]	103,03	84,71
Wr + mS	P 2 [gr]	82,55	68,54
W rec	P 3 [gr]	5,19	5,21
Humedad	%	26,5	25,5
Velocidad de falla (mm/min)		0,0575	
S (inicial) %		96,8	
S (final) %		99,7	

FECHA	6/02/2021
HORA	7:00:00
TIEMPO	1
	CARGA (kg) 10,0

tiempo	t^ (0,5) (min)	Lectura Def. in X10-4
0	0,00	1511,0
4 seg	0,26	1451,0
15 seg	0,50	1435,0
34 seg	0,75	1420,0
1' 34"	1,25	1401,0
2'15"	1,50	1394,0
3' 04"	1,75	1386,0
4'	2,00	1379,0
6´15´´	2,50	1366,0
9'	3,00	1354,0
12'15"	3,50	1345,0
16'	4,00	1342,0
25'	5,00	1340,0
36'	6,00	1338,0
1h 4'	8,00	1336,0
2h 1'	11,00	1334,0
4h 16'	16,00	1332,0
24h 4'	38,00	



t50= 2,58 | Tiempo de falla (50Xt50) | 128 minutos

TIEMPO Minutos	LECTURA CELDA Kg	DEFORMACIÓN HORIZONTAL $1*10E^{-3}$ in	DEFORMACIÓN VERTICAL $1*10E^{-4}$ in	FUERZA CORTE kgf	ÁREA CORREGIDA cm^2	ESFUERZO NORMAL kg/cm^2	ESFUERZO CORTE kgf/cm^2	DEFORMACIÓN VERTICAL %	DEFORMACIÓN HORIZONT. %	RELACIÓN t/s
0	0,00	0,0	1383,0	0,00	20,43	0,490	0,000	0,000	0,000	0,000
8	0,44	2,0	1376,0	0,44	20,43	0,490	0,022	0,091	0,100	0,044
12	0,60	3,0	1374,0	0,60	20,43	0,490	0,029	0,117	0,149	0,060
16	1,03	6,0	1372,0	1,03	20,43	0,490	0,051	0,143	0,299	0,103
20	1,46	9,0	1370,0	1,46	20,43	0,490	0,071	0,169	0,448	0,146
24	1,70	11,0	1368,0	1,70	20,43	0,490	0,083	0,195	0,548	0,170
28	3,37	12,0	1365,0	3,37	20,43	0,490	0,165	0,234	0,598	0,337
32	4,24	15,0	1362,0	4,24	20,43	0,490	0,208	0,273	0,747	0,424
36	5,09	17,0	1360,0	5,09	20,43	0,490	0,249	0,299	0,847	0,509
40	5,62	21,0	1358,0	5,62	20,43	0,490	0,275	0,325	1,046	0,562
48	6,05	53,0	1356,0	6,05	20,43	0,490	0,296	0,351	2,640	0,605
72	6,87	81,0	1352,0	6,87	20,43	0,490	0,336	0,403	4,034	0,687
80	7,02	102,0	1350,0	7,02	20,43	0,490	0,344	0,429	5,080	0,702
88	7,83	130,0	1348,0	7,83	20,43	0,490	0,383	0,455	6,475	0,783
104	8,05	181,0	1346,0	8,05	20,43	0,490	0,394	0,481	9,015	0,805
112	8,31	197,0	1344,0	8,31	20,43	0,490	0,407	0,507	9,811	0,831
120	8,33	212,0	1344,0	8,33	20,43	0,490	0,408	0,507	10,558	0,833
128	8,20	230,0	1345,0	8,20	20,43	0,490	0,401	0,494	11,455	0,820
136	7,94	260,0	1346,0	7,94	20,43	0,490	0,389	0,481	12,949	0,794
140	7,61	330,0	1346,0	7,61	20,43	0,490	0,373	0,481	16,435	0,761
160	7,47	380,0	1347,0	7,47	20,43	0,490	0,366	0,468	18,925	0,747
180	7,28	400,0	1348,0	7,28	20,43	0,490	0,357	0,455	19,922	0,728
200	7,09	453,0	1349,0	7,09	20,43	0,490	0,347	0,442	22,561	0,709

CAMING SAS INGENIEROS
NIT 901220065-0

PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**
	SEGUNDO PUNTO — FECHA ENSAYO: **6/02/2021**
SONDEO:	**S11** — MUESTRA: **M6** — PROFUNDIDAD: **5,10-5,70**
DESCRIPCIÓN:	Arcilla gris oscuro (7,5R 3/1), con oxidaciones, fisuras, arena y gravilla
OBSERVACIONES:	

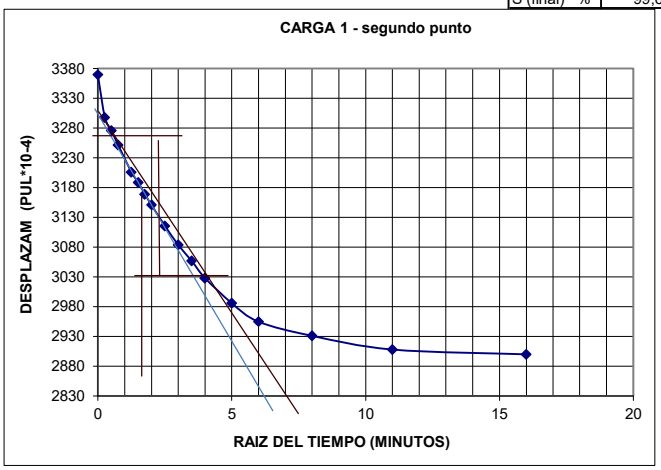
DATOS DE MONTAJE		
Diámetro muestra	[cm]	5,10
Altura muestra	[cm]	2,00
Área inicial muestra	[cm^2]	20,43
Volumen de la muestra	[cm^3]	40,86
Peso de la muestra	[gr]	79,95
Carga normal	[Kg]	21,0
Esfuerzo normal	[Kg/cm^2]	1,028
Altura final de consolidación	[cm]	1,881
Altura final	[cm]	1,846
Peso específico de sólidos	(Gs)	2,703

CONSOLIDACIÓN					
Inicial [1^10E-4 inc]	3370,0				
Final [1^10E-4 inc]	2900,0				
Total [cm]	0,1194				
Peso Unitario [gr/cm^3]	1,96				
Peso U. Seco [gr/cm^3]	1,54				
Masa Seca Inicial [gr]	63,10				
MUESTRA					
Inalterada	X	Circular	X	H. Natural	
Compactada		Cuadrada		Inundada	X
Hs (cm)	1,143	e_o	0,750	e_f	0,616

DATOS DE HUMEDAD		Condición Inicial	Condición Final
Recipiente No		T2	F9
Wr + mH	P 1 [gr]	107,79	82,95
Wr + mS	P 2 [gr]	86,22	68,64
W rec	P 3 [gr]	5,44	5,56
Humedad	%	26,7	22,7
Velocidad de falla (mm/min)		0,06414	
S (inicial)	%	96,2	
S (final)	%	99,6	

FECHA	7/02/2021
HORA	7:00:00
TIEMPO	1
	CARGA (kg) 21,0

tiempo	t^ (0,5) (min)	Lectura Def. in X10-4
0	0,00	3370,0
4 seg	0,26	3298,0
15 seg	0,50	3276,0
34 seg	0,75	3252,0
1' 34"	1,25	3206,0
2'15"	1,50	3189,0
3' 04"	1,75	3169,0
4'	2,00	3151,0
6´15´´	2,50	3116,0
9'	3,00	3084,0
12'15"	3,50	3057,0
16'	4,00	3028,0
25'	5,00	2986,0
36'	6,00	2955,0
1h 4'	8,00	2931,0
2h 1'	11,00	2908,0
4h 16'	16,00	2900,0
24h 4'	38,00	



t50= 3,24 — Tiempo de falla (50Xt50) — 162 minutos

TIEMPO Minutos	LECTURA CELDA Kgf	DEFORMACIÓN HORIZONTAL $1*10E^{-3}$ in	DEFORMACIÓN VERTICAL $1*10E^{-4}$ in	FUERZA CORTE kgf	ÁREA Ao cm^2	ESFUERZO NORMAL kg/cm^2	ESFUERZO CORTE kgf/cm^2	DEFORMACIÓN VERTICAL %	DEFORMACIÓN HORIZONT. %	RELACIÓN t/s
0	0,00	0	2899	0,00	20,43	1,028	0,000	0,000	0,000	0,000
5	1,24	2	2888	1,24	20,43	1,028	0,061	0,149	0,100	0,059
10	1,56	5	2887	1,56	20,43	1,028	0,076	0,162	0,249	0,074
15	2,02	9	2886	2,02	20,43	1,028	0,099	0,176	0,448	0,096
20	2,80	12	2884	2,80	20,43	1,028	0,137	0,203	0,598	0,133
24	3,11	17	2880	3,11	20,43	1,028	0,152	0,257	0,847	0,148
28	4,98	25	2876	4,98	20,43	1,028	0,244	0,311	1,245	0,237
32	6,22	33	2872	6,22	20,43	1,028	0,304	0,365	1,644	0,296
36	7,46	37	2868	7,46	20,43	1,028	0,365	0,419	1,843	0,355
40	8,71	47	2864	8,71	20,43	1,028	0,426	0,473	2,341	0,415
48	9,02	55	2858	9,02	20,43	1,028	0,441	0,554	2,739	0,429
72	9,64	68	2841	9,64	20,43	1,028	0,472	0,783	3,387	0,459
80	9,95	86	2830	9,95	20,43	1,028	0,487	0,932	4,283	0,474
88	11,20	102	2828	11,20	20,43	1,028	0,548	0,959	5,080	0,533
104	11,51	113	2825	11,51	20,43	1,028	0,563	0,999	5,628	0,548
112	11,66	121	2813	11,66	20,43	1,028	0,571	1,162	6,026	0,555
120	11,66	160	2807	11,66	20,43	1,028	0,571	1,243	7,969	0,555
128	11,57	185	2804	11,57	20,43	1,028	0,566	1,283	9,214	0,551
136	11,51	222	2800	11,51	20,43	1,028	0,563	1,337	11,056	0,548
144	11,20	273	2779	11,20	20,43	1,028	0,548	1,621	13,596	0,533
152	10,89	324	2775	10,89	20,43	1,028	0,533	1,675	16,136	0,518
160	10,57	355	2771	10,57	20,43	1,028	0,518	1,729	17,680	0,504
180	10,26	432	2768	10,26	20,43	1,028	0,502	1,769	21,515	0,489
200	9,95	505	2764	9,95	20,43	1,028	0,487	1,823	25,151	0,474

PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**
	TERCER PUNTO
FECHA ENSAYO:	**7/02/2021**

SONDEO: **S11** MUESTRA: **M6** PROFUNDIDAD: **5,10-5,70**

DESCRIPCIÓN: Arcilla gris oscuro (7,5R 3/1), con oxidaciones, fisuras, arena y gravilla

OBSERVACIONES:

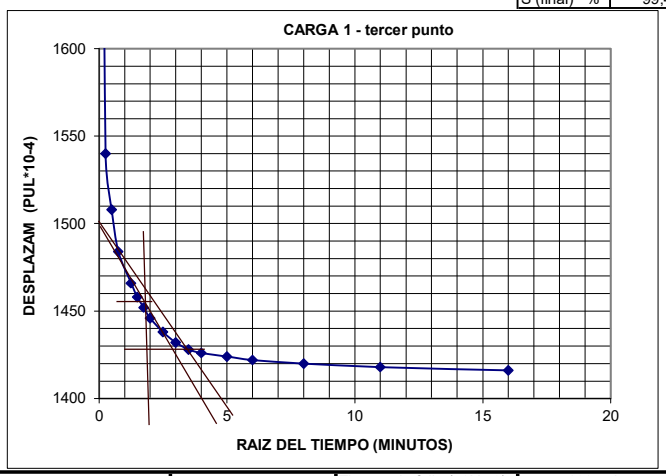
DATOS DE MONTAJE		
Diámetro muestra	[cm]	5,10
Altura muestra	[cm]	2,00
Área inicial muestra	[cm^2]	20,43
Volumen de la muestra	[cm^3]	40,86
Peso de la muestra	[gr]	80,55
Carga normal	[Kg]	31,0
Esfuerzo normal	[Kg/cm^2]	1,518
Altura final de consolidación	[cm]	1,852
Altura final	[cm]	1,834
Peso específico de sólidos	(Gs)	2,703

CONSOLIDACIÓN					
Inicial	[1^10E-4 inc]	2000,0			
Final	[1^10E-4 inc]	1416,0			
Total	[cm]	0,1483			
Peso Unitario	[gr/cm^3]	1,97			
Peso U. Seco	[gr/cm^3]	1,58			
Masa Seca Inicial	[gr]	64,59			
MUESTRA					
Inalterada	X	Circular	X	H. Natural	
Compactada		Cuadrada		Inundada	X
Hs (cm)	1,170	e_o	0,710	e_f	0,568

DATOS DE HUMEDAD		Condición Inicial	Condición Final
Recipiente No		H12	O12
Wr + mH	P 1 [gr]	126,97	82,91
Wr + mS	P 2 [gr]	102,92	69,47
W rec	P 3 [gr]	5,58	5,17
Humedad	%	24,7	20,9
Velocidad de falla (mm/min)		0,06505	
S (inicial)	%	94,1	
S (final)	%	99,4	

FECHA	8/02/2021
HORA	7:00:00
TIEMPO	1
	CARGA (kg) 31,0

tiempo	t^ (0,5) (min)	Lectura Def. in X10-4
0	0,00	2000,0
4 seg	0,26	1540,0
15 seg	0,50	1508,0
34 seg	0,75	1484,0
1' 34"	1,25	1466,0
2'15"	1,50	1458,0
3' 04"	1,75	1452,0
4'	2,00	1446,0
6´15´´	2,50	1438,0
9'	3,00	1432,0
12'15"	3,50	1428,0
16'	4,00	1426,0
25'	5,00	1424,0
36'	6,00	1422,0
1h 4'	8,00	1420,0
2h 1'	11,00	1418,0
4h 16'	16,00	1416,0
24h 4'	38,00	



t50= 3,24 Tiempo de falla (50Xt50) 162 minutos

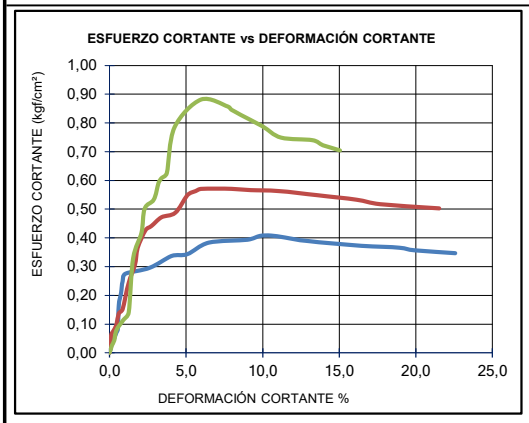
TIEMPO Minutos	LECTURA CELDA Kgf	DEFORMACIÓN HORIZONTAL $1*10E^{-3}$ in	DEFORMACIÓN VERTICAL $1*10E^{-4}$ in	FUERZA CORTE kgf	ÁREA Ao cm^2	ESFUERZO NORMAL kg/cm^2	ESFUERZO CORTE kgf/cm^2	DEFORMACIÓN VERTICAL %	DEFORMACIÓN HORIZONT. %	RELACIÓN t/s
0	0,00	0	1710	0,00	20,43	1,518	0,000	0,000	0,000	0,000
5	0,50	3	1700	0,50	20,43	1,518	0,024	0,137	0,149	0,016
10	0,90	6	1692	0,90	20,43	1,518	0,044	0,247	0,299	0,029
15	1,62	9	1687	1,62	20,43	1,518	0,079	0,316	0,448	0,052
20	2,34	18	1683	2,34	20,43	1,518	0,115	0,370	0,896	0,075
24	2,88	25	1681	2,88	20,43	1,518	0,141	0,398	1,245	0,093
28	6,75	31	1675	6,75	20,43	1,518	0,330	0,480	1,544	0,218
32	8,55	42	1669	8,55	20,43	1,518	0,419	0,562	2,092	0,276
36	10,26	46	1667	10,26	20,43	1,518	0,502	0,590	2,291	0,331
40	10,89	58	1665	10,89	20,43	1,518	0,533	0,617	2,889	0,351
48	12,06	64	1663	12,06	20,43	1,518	0,590	0,645	3,187	0,389
72	12,42	68	1660	12,42	20,43	1,518	0,608	0,686	3,387	0,401
80	12,78	75	1658	12,78	20,43	1,518	0,626	0,713	3,735	0,412
88	16,02	85	1654	16,02	20,43	1,518	0,784	0,768	4,233	0,517
104	18,00	120	1645	18,00	20,43	1,518	0,881	0,892	5,976	0,581
112	17,50	155	1639	17,50	20,43	1,518	0,857	0,974	7,720	0,565
120	17,28	160	1635	17,28	20,43	1,518	0,846	1,029	7,969	0,557
128	16,92	172	1636	16,92	20,43	1,518	0,828	1,015	8,566	0,546
136	16,11	200	1637	16,11	20,43	1,518	0,789	1,001	9,961	0,520
144	15,30	225	1638	15,30	20,43	1,518	0,749	0,988	11,206	0,494
152	15,12	266	1639	15,12	20,43	1,518	0,740	0,974	13,248	0,488
160	14,76	280	1640	14,76	20,43	1,518	0,723	0,960	13,945	0,476
180	14,40	302	1641	14,40	20,43	1,518	0,705	0,947	15,041	0,465
200	13,95	461	1642	13,95	20,43	1,518	0,683	0,933	22,960	0,450

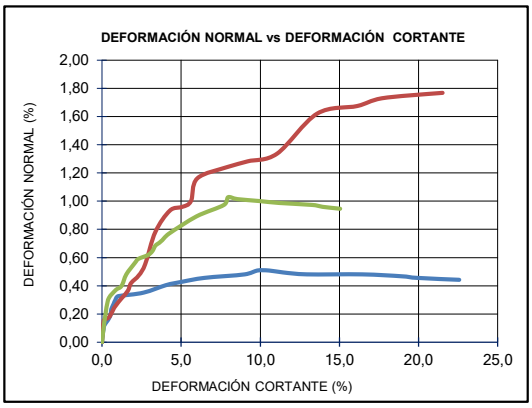
PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**
FECHA ENSAYO:	**9/02/2021**

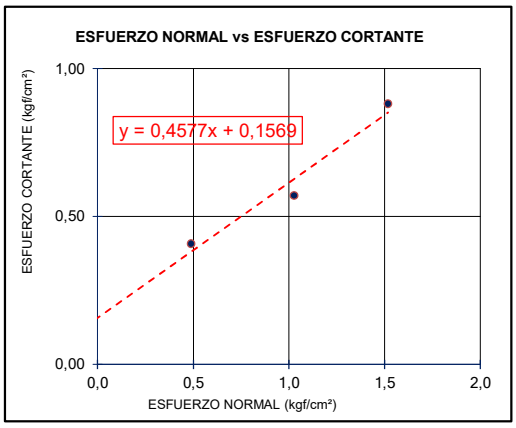
SONDEO: **S11** MUESTRA: **M6** PROFUNDIDAD: **5,10-5,70**

DESCRIPCIÓN: Arcilla gris oscuro (7,5R 3/1), con oxidaciones, fisuras, arena y gravilla

OBSERVACIONES:









PICO	**C =**	**0,16**	Kgf/cm^2		**Φ =** **24,6** °

REVISÓ Y APROBÓ: ING. MANUEL CAVIEDES

Pag 4/4

CAMING SAS INGENIEROS
NIT 901220065-0

PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**
	EQUIPO No. 1
	PRIMER PUNTO — FECHA ENSAYO: **9/02/2021**

SONDEO: **S12** MUESTRA: **M3** PROFUNDIDAD (m) : **2,00-2,60**

DESCRIPCIÓN: Arcilla limosa marrón rojizo suave (10R 4/4), con oxidaciones, fisuras y algo de gravas

OBSERVACIONES:

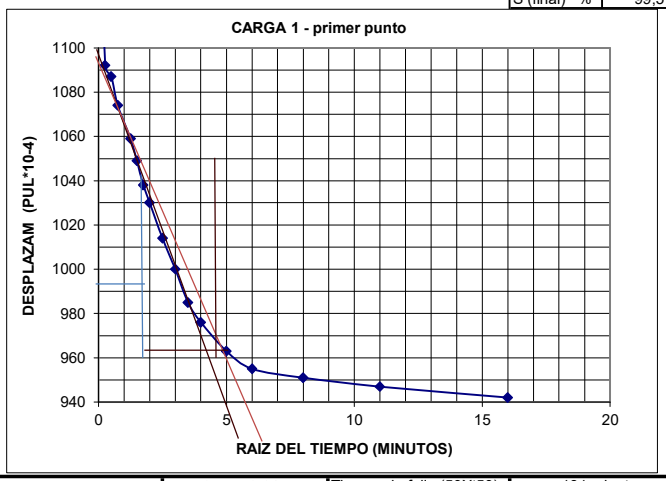
DATOS DE MONTAJE		
Diámetro muestra	[cm]	5,10
Altura muestra	[cm]	2,00
Área inicial muestra	[cm^2]	20,43
Volumen de la muestra	[cm^3]	40,86
Peso de la muestra	[gr]	82,06
Carga normal	[Kg]	8,00
Esfuerzo normal	[Kg/cm^2]	0,392
Altura final de consolidación	[cm]	1,934
Altura final	[cm]	1,909
Peso específico de sólidos	(Gs)	2,709

CONSOLIDACIÓN					
Inicial	[1^10E-4 inc]	1200,0			
Final	[1^10E-4 inc]	942,0			
Total	[cm]	0,0655			
Peso Unitario	[gr/cm^3]	2,01			
Peso U. Seco	[gr/cm^3]	1,63			
Masa Seca Inicial	[gr]	66,66			
MUESTRA					
Inalterada	X	Circular	X	H. Natural	
Compactada		Cuadrada		Inundada	X
Hs (cm)	1,205	eo	0,660	ef	0,585

DATOS DE HUMEDAD		Condición Inicial	Condición Final
Recipiente No		C7	Z81
Wr + mH	P 1 [gr]	144,24	86,01
Wr + mS	P 2 [gr]	118,25	71,72
W rec	P 3 [gr]	5,72	5,17
Humedad	%	23,1	21,5
Velocidad de falla (mm/min)		0,0603	
S (inicial)	%	94,8	
S (final)	%	99,5	

FECHA	10/02/2021
HORA	7:00:00
TIEMPO	1
	CARGA (kg) 8,0

tiempo	t^ (0,5) (min)	Lectura Def. in X10-4
0	0,00	1200,0
4 seg	0,26	1092,0
15 seg	0,50	1087,0
34 seg	0,75	1074,0
1' 34"	1,25	1059,0
2'15"	1,50	1049,0
3' 04"	1,75	1038,0
4'	2,00	1030,0
6´15´´	2,50	1014,0
9'	3,00	1000,0
12'15"	3,50	985,0
16'	4,00	976,0
25'	5,00	963,0
36'	6,00	955,0
1h 4'	8,00	951,0
2h 1'	11,00	947,0
4h 16'	16,00	942,0
24h 4'	38,00	



t50= 3,61 Tiempo de falla (50Xt50) 181 minutos

TIEMPO Minutos	LECTURA CELDA Kg	DEFORMACIÓN HORIZONTAL $1*10E^{-3}$ in	DEFORMACIÓN VERTICAL $1*10E^{-4}$ in	FUERZA CORTE kgf	ÁREA CORREGIDA cm^2	ESFUERZO NORMAL kg/cm^2	ESFUERZO CORTE kgf/cm^2	DEFORMACIÓN VERTICAL %	DEFORMACIÓN HORIZONT. %	RELACIÓN t/s
0	0,00	0,0	737,0	0,00	20,43	0,392	0,000	0,000	0,000	0,000
8	0,45	3,0	733,0	0,45	20,43	0,392	0,022	0,053	0,149	0,056
12	0,87	4,0	731,0	0,87	20,43	0,392	0,043	0,079	0,199	0,109
16	1,02	8,0	730,0	1,02	20,43	0,392	0,050	0,092	0,398	0,128
20	1,32	10,0	729,0	1,32	20,43	0,392	0,065	0,105	0,498	0,165
24	1,68	12,0	727,0	1,68	20,43	0,392	0,082	0,131	0,598	0,210
28	2,70	14,0	723,0	2,70	20,43	0,392	0,132	0,184	0,697	0,338
32	3,75	16,0	718,0	3,75	20,43	0,392	0,184	0,249	0,797	0,469
36	4,71	18,0	714,0	4,71	20,43	0,392	0,231	0,302	0,896	0,589
40	5,31	22,0	712,0	5,31	20,43	0,392	0,260	0,328	1,096	0,664
48	5,82	54,0	704,0	5,82	20,43	0,392	0,285	0,433	2,689	0,728
72	6,21	82,0	700,0	6,21	20,43	0,392	0,304	0,486	4,084	0,776
80	6,60	100,0	697,0	6,60	20,43	0,392	0,323	0,525	4,980	0,825
88	7,05	125,0	678,0	7,05	20,43	0,392	0,345	0,775	6,225	0,881
104	7,35	180,0	667,0	7,35	20,43	0,392	0,360	0,919	8,965	0,919
112	7,53	200,0	659,0	7,53	20,43	0,392	0,369	1,024	9,961	0,941
120	7,50	211,0	653,0	7,50	20,43	0,392	0,367	1,103	10,509	0,938
128	7,50	230,0	646,0	7,50	20,43	0,392	0,367	1,195	11,455	0,938
136	7,38	260,0	643,0	7,38	20,43	0,392	0,361	1,234	12,949	0,923
140	7,05	330,0	641,0	7,05	20,43	0,392	0,345	1,261	16,435	0,881
160	6,84	380,0	639,0	6,84	20,43	0,392	0,335	1,287	18,925	0,855
180	6,60	405,0	637,0	6,60	20,43	0,392	0,323	1,313	20,171	0,825
200	6,36	475,0	636,0	6,36	20,43	0,392	0,311	1,326	23,657	0,795

PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**
	SEGUNDO PUNTO — FECHA ENSAYO: **10/02/2021**
SONDEO:	**S12** — MUESTRA: **M3** — PROFUNDIDAD: **2,00-2,60**
DESCRIPCIÓN:	Arcilla limosa marrón rojizo suave (10R 4/4), con oxidaciones, fisuras y algo de gravas
OBSERVACIONES:	

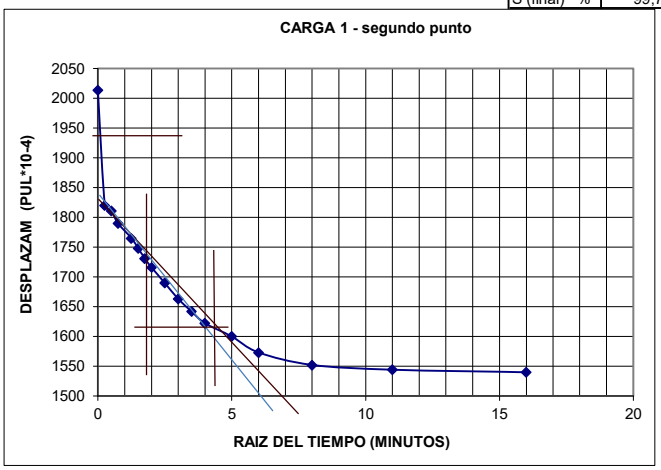
DATOS DE MONTAJE		
Diámetro muestra	[cm]	5,10
Altura muestra	[cm]	2,00
Área inicial muestra	[cm^2]	20,43
Volumen de la muestra	[cm^3]	40,86
Peso de la muestra	[gr]	82,25
Carga normal	[Kg]	17,0
Esfuerzo normal	[Kg/cm^2]	0,832
Altura final de consolidación	[cm]	1,880
Altura final	[cm]	1,849
Peso específico de sólidos	(Gs)	2,703

CONSOLIDACIÓN					
Inicial	[1^10E-4 inc]	2014,0			
Final	[1^10E-4 inc]	1540,0			
Total	[cm]	0,1204			
Peso Unitario	[gr/cm^3]	2,01			
Peso U. Seco	[gr/cm^3]	1,63			
Masa Seca Inicial	[gr]	66,53			
MUESTRA					
Inalterada	X	Circular	X	H. Natural	
Compactada		Cuadrada		Inundada	X
Hs (cm)	1,205	e_o	0,660	e_f	0,535

DATOS DE HUMEDAD		Condición Inicial	Condición Final
Recipiente No		F4	C9
Wr + mH	P 1 [gr]	117,28	85,44
Wr + mS	P 2 [gr]	95,95	72,33
W rec	P 3 [gr]	5,67	5,87
Humedad	%	23,6	19,7
Velocidad de falla (mm/min)		0,05796	
S (inicial)	%	96,8	
S (final)	%	99,7	

FECHA	11/02/2021
HORA	7:00:00
TIEMPO	1
	CARGA (kg) 17,0

tiempo	t^ (0,5) (min)	Lectura Def. in X10-4
0	0,00	2014,0
4 seg	0,26	1820,0
15 seg	0,50	1811,0
34 seg	0,75	1790,0
1' 34"	1,25	1765,0
2'15"	1,50	1748,0
3' 04"	1,75	1731,0
4'	2,00	1716,0
6´15´´	2,50	1690,0
9'	3,00	1663,0
12'15"	3,50	1642,0
16'	4,00	1622,0
25'	5,00	1600,0
36'	6,00	1573,0
1h 4'	8,00	1552,0
2h 1'	11,00	1544,0
4h 16'	16,00	1540,0
24h 4'	38,00	



t50= 3,61 — Tiempo de falla (50Xt50) — 181 minutos

TIEMPO Minutos	LECTURA CELDA Kgf	DEFORMACIÓN HORIZONTAL $1*10E^{-3}$ in	DEFORMACIÓN VERTICAL $1*10E^{-4}$ in	FUERZA CORTE kgf	ÁREA Ao cm^2	ESFUERZO NORMAL kg/cm^2	ESFUERZO CORTE kgf/cm^2	DEFORMACIÓN VERTICAL %	DEFORMACIÓN HORIZONT. %	RELACIÓN t/s
0	0,00	0	1527	0,00	20,43	0,832	0,000	0,000	0,000	0,000
10	0,44	2	1521	0,44	20,43	0,832	0,022	0,081	0,100	0,026
15	0,66	4	1520	0,66	20,43	0,832	0,032	0,095	0,199	0,039
20	0,88	6	1519	0,88	20,43	0,832	0,043	0,108	0,299	0,052
24	1,32	8	1517	1,32	20,43	0,832	0,065	0,135	0,398	0,078
28	2,42	16	1512	2,42	20,43	0,832	0,118	0,203	0,797	0,142
32	3,08	20	1508	3,08	20,43	0,832	0,151	0,257	0,996	0,181
36	3,52	25	1504	3,52	20,43	0,832	0,172	0,311	1,245	0,207
40	4,95	34	1500	4,95	20,43	0,832	0,242	0,365	1,693	0,291
48	6,38	44	1497	6,38	20,43	0,832	0,312	0,405	2,191	0,375
72	7,26	50	1485	7,26	20,43	0,832	0,355	0,568	2,490	0,427
80	7,92	72	1480	7,92	20,43	0,832	0,388	0,635	3,586	0,466
88	8,36	100	1460	8,36	20,43	0,832	0,409	0,905	4,980	0,492
104	8,47	133	1450	8,47	20,43	0,832	0,415	1,041	6,624	0,498
112	9,02	171	1440	9,02	20,43	0,832	0,442	1,176	8,516	0,531
120	9,79	234	1430	9,79	20,43	0,832	0,479	1,311	11,654	0,576
128	9,90	278	1420	9,90	20,43	0,832	0,485	1,446	13,845	0,582
136	10,12	343	1410	10,12	20,43	0,832	0,495	1,581	17,083	0,595
144	10,12	380	1405	10,12	20,43	0,832	0,495	1,649	18,925	0,595
152	9,35	405	1400	9,35	20,43	0,832	0,458	1,716	20,171	0,550
160	8,80	415	1400	8,80	20,43	0,832	0,431	1,716	20,669	0,518
180	8,25	434	1400	8,25	20,43	0,832	0,404	1,716	21,615	0,485
200	7,70	468	1404	7,70	20,43	0,832	0,377	1,662	23,308	0,453
220	7,15	502	1408	7,15	20,43	0,832	0,350	1,608	25,002	0,421

PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**
	TERCER PUNTO
FECHA ENSAYO:	**11/02/2021**

SONDEO: **S12** MUESTRA: **M3** PROFUNDIDAD: **2,00-2,60**

DESCRIPCIÓN: Arcilla limosa marrón rojizo suave (10R 4/4), con oxidaciones, fisuras y algo de gravas

OBSERVACIONES:

DATOS DE MONTAJE		
Diámetro muestra	[cm]	5,10
Altura muestra	[cm]	2,00
Área inicial muestra	[cm^2]	20,43
Volumen de la muestra	[cm^3]	40,86
Peso de la muestra	[gr]	81,09
Carga normal	[Kg]	25,0
Esfuerzo normal	[Kg/cm^2]	1,224
Altura final de consolidación [cm]		1,835
Altura final	[cm]	1,782
Peso específico de sólidos (Gs)		2,703

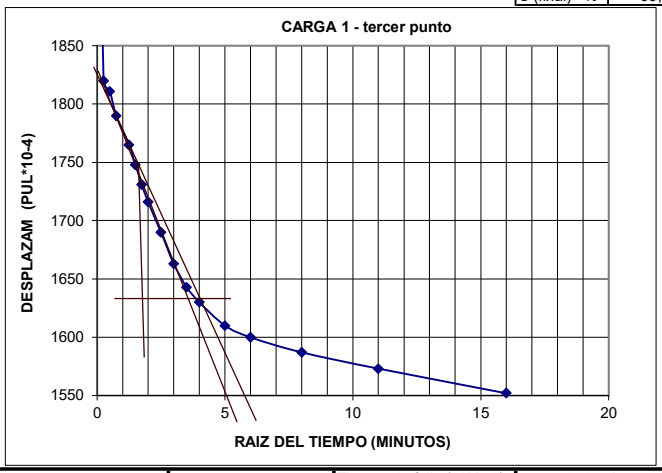
CONSOLIDACIÓN					
Inicial [1^10E-4 inc]	2200,0				
Final [1^10E-4 inc]	1552,0				
Total [cm]	0,1646				
Peso Unitario [gr/cm^3]	1,98				
Peso U. Seco [gr/cm^3]	1,61				
Masa Seca Inicial [gr]	65,71				
MUESTRA					
Inalterada	X	Circular	X	H. Natural	
Compactada		Cuadrada		Inundada	X
Hs (cm)	1,190	e_o	0,681	e_f	0,498

DATOS DE HUMEDAD		Condición Inicial	Condición Final
Recipiente No		G4	M5
Wr + mH	P 1 [gr]	116,69	83,23
Wr + mS	P 2 [gr]	95,59	71,21
W rec	P 3 [gr]	5,44	5,64
Humedad	%	23,4	18,3

Velocidad de falla (mm/min)	
0,06406	
S (inicial) %	92,9
S (final) %	99,6

FECHA	12/02/2021
HORA	7:00:00
TIEMPO	1
	CARGA (kg) 25,0

tiempo	t^ (0,5) (min)	Lectura Def. in X10-4
0	0,00	2200,0
4 seg	0,26	1820,0
15 seg	0,50	1811,0
34 seg	0,75	1790,0
1' 34"	1,25	1765,0
2'15"	1,50	1748,0
3' 04"	1,75	1731,0
4'	2,00	1716,0
6´15´´	2,50	1690,0
9'	3,00	1663,0
12'15"	3,50	1643,0
16'	4,00	1630,0
25'	5,00	1610,0
36'	6,00	1600,0
1h 4'	8,00	1587,0
2h 1'	11,00	1573,0
4h 16'	16,00	1552,0
24h 4'	38,00	



t50= 3,61 Tiempo de falla (50Xt50) 181 minutos

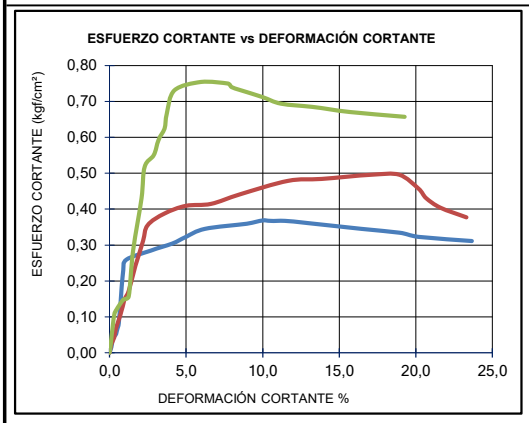
TIEMPO Minutos	LECTURA CELDA Kgf	DEFORMACIÓN HORIZONTAL 1*10E^{-3} in	DEFORMACIÓN VERTICAL 1*10E^{-4} in	FUERZA CORTE kgf	ÁREA Ao cm²	ESFUERZO NORMAL kg/cm²	ESFUERZO CORTE kgf/cm²	DEFORMACIÓN VERTICAL %	DEFORMACIÓN HORIZONT. %	RELACIÓN t/s
0	0,00	0	928	0,00	20,43	1,224	0,000	0,000	0,000	0,000
5	1,04	3	922	1,04	20,43	1,224	0,051	0,083	0,149	0,042
10	2,17	6	915	2,17	20,43	1,224	0,106	0,180	0,299	0,087
15	2,46	9	913	2,46	20,43	1,224	0,120	0,208	0,448	0,098
20	3,02	18	912	3,02	20,43	1,224	0,148	0,221	0,896	0,121
24	3,21	25	910	3,21	20,43	1,224	0,157	0,249	1,245	0,129
28	5,86	31	902	5,86	20,43	1,224	0,287	0,360	1,544	0,234
32	8,79	42	890	8,79	20,43	1,224	0,430	0,526	2,092	0,352
36	10,58	46	880	10,58	20,43	1,224	0,518	0,664	2,291	0,423
40	11,25	58	875	11,25	20,43	1,224	0,550	0,733	2,889	0,450
48	12,10	64	862	12,10	20,43	1,224	0,592	0,913	3,187	0,484
72	12,76	72	853	12,76	20,43	1,224	0,625	1,038	3,586	0,510
80	13,61	75	848	13,61	20,43	1,224	0,666	1,107	3,735	0,544
88	14,93	85	812	14,93	20,43	1,224	0,731	1,605	4,233	0,597
104	15,40	120	785	15,40	20,43	1,224	0,754	1,979	5,976	0,616
112	15,31	155	767	15,31	20,43	1,224	0,749	2,228	7,720	0,612
120	15,12	160	756	15,12	20,43	1,224	0,740	2,380	7,969	0,605
128	14,93	172	745	14,93	20,43	1,224	0,731	2,533	8,566	0,597
136	14,55	200	740	14,55	20,43	1,224	0,712	2,602	9,961	0,582
144	14,18	225	737	14,18	20,43	1,224	0,694	2,643	11,206	0,567
152	13,99	266	730	13,99	20,43	1,224	0,685	2,740	13,248	0,559
160	13,70	315	725	13,70	20,43	1,224	0,671	2,809	15,688	0,548
180	13,42	387	720	13,42	20,43	1,224	0,657	2,878	19,274	0,537
200	13,23	454	718	13,23	20,43	1,224	0,648	2,906	22,611	0,529

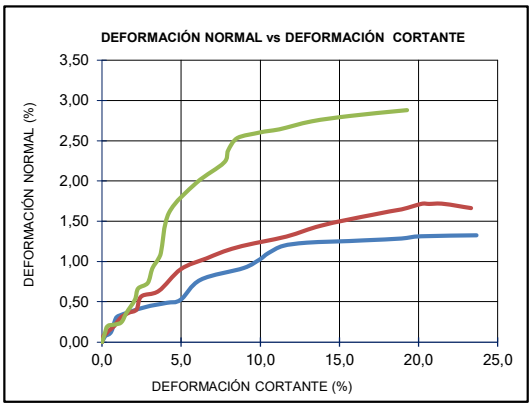
PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**
FECHA ENSAYO:	**12/02/2021**

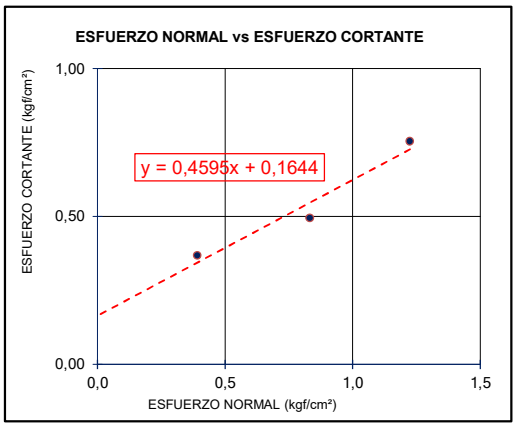
SONDEO:	**S12**	MUESTRA:	**M3**	PROFUNDIDAD:	**2,00-2,60**

DESCRIPCIÓN: Arcilla limosa marrón rojizo suave (10R 4/4), con oxidaciones, fisuras y algo de gravas

OBSERVACIONES:









PICO	**C =**	**0,16**	Kgf/cm^2	**Φ =**	**24,7 °**

REVISÓ Y APROBÓ: ING. MANUEL CAVIEDES

Carrera 55A N°165 – 27 T15-Apt 401 Bogotá D.C. Teléfono: 6361872 Cel: 3115935878
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PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**
	EQUIPO No. 2
	PRIMER PUNTO — FECHA ENSAYO: **9/02/2021**

SONDEO: **S16** MUESTRA: **M6** PROFUNDIDAD (m) : **3,50-4,00**

DESCRIPCIÓN: Arcilla limosa marrón rojizo suave (10R 5/6), con oxidaciones, fisuras y algo de gravas

OBSERVACIONES:

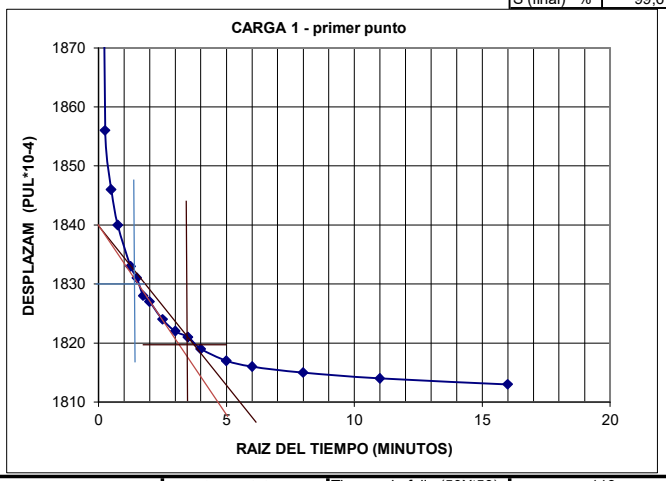
DATOS DE MONTAJE		
Diámetro muestra	[cm]	5,10
Altura muestra	[cm]	2,02
Área inicial muestra	[cm^2]	20,43
Volumen de la muestra	[cm^3]	41,26
Peso de la muestra	[gr]	80,99
Carga normal	[Kg]	10,00
Esfuerzo normal	[Kg/cm^2]	0,490
Altura final de consolidación	[cm]	1,965
Altura final	[cm]	1,951
Peso específico de sólidos	(Gs)	2,691

CONSOLIDACIÓN					
Inicial	[1^10E-4 inc]	2031,0			
Final	[1^10E-4 inc]	1813,0			
Total	[cm]	0,0554			
Peso Unitario	[gr/cm^3]	1,96			
Peso U. Seco	[gr/cm^3]	1,56			
Masa Seca Inicial	[gr]	64,45			
MUESTRA					
Inalterada	X	Circular	X	H. Natural	
Compactada		Cuadrada		Inundada	X
Hs (cm)	1,172	eo	0,723	ef	0,664

DATOS DE HUMEDAD		Condición Inicial	Condición Final
Recipiente No		H12	A101
Wr + mH	P 1 [gr]	91,54	88,35
Wr + mS	P 2 [gr]	73,99	72,52
W rec	P 3 [gr]	5,60	8,18
Humedad	%	25,7	24,6
Velocidad de falla (mm/min)		0,0618	
S (inicial)	%	95,5	
S (final)	%	99,6	

FECHA	10/02/2021
HORA	7:00:00
TIEMPO	1
	CARGA (kg) 10,0

tiempo	t^ (0,5) (min)	Lectura Def. in X10-4
0	0,00	2031,0
4 seg	0,26	1856,0
15 seg	0,50	1846,0
34 seg	0,75	1840,0
1' 34"	1,25	1833,0
2'15"	1,50	1831,0
3' 04"	1,75	1828,0
4'	2,00	1827,0
6´15´´	2,50	1824,0
9'	3,00	1822,0
12'15"	3,50	1821,0
16'	4,00	1819,0
25'	5,00	1817,0
36'	6,00	1816,0
1h 4'	8,00	1815,0
2h 1'	11,00	1814,0
4h 16'	16,00	1813,0
24h 4'	38,00	



t50= 2,25 Tiempo de falla (50Xt50) 113

TIEMPO Minutos	LECTURA CELDA Kg	DEFORMACIÓN HORIZONTAL $1*10E^{-3}$ in	DEFORMACIÓN VERTICAL $1*10E^{-4}$ in	FUERZA CORTE kgf	ÁREA CORREGIDA cm^2	ESFUERZO NORMAL kg/cm^2	ESFUERZO CORTE kgf/cm^2	DEFORMACIÓN VERTICAL %	DEFORMACIÓN HORIZONT. %	RELACIÓN t/s
0	0,00	0,0	1814,0	0,00	20,43	0,490	0,000	0,000	0,000	0,000
8	0,47	4,0	1812,0	0,47	20,43	0,490	0,023	0,026	0,199	0,047
12	0,75	6,0	1811,0	0,75	20,43	0,490	0,037	0,039	0,299	0,075
16	1,77	8,0	1810,0	1,77	20,43	0,490	0,087	0,052	0,398	0,177
20	2,52	10,0	1809,5	2,52	20,43	0,490	0,123	0,058	0,498	0,252
24	3,36	12,0	1809,0	3,36	20,43	0,490	0,164	0,065	0,598	0,336
28	4,48	14,0	1808,0	4,48	20,43	0,490	0,219	0,078	0,697	0,448
32	5,60	16,0	1802,0	5,60	20,43	0,490	0,274	0,155	0,797	0,560
36	7,09	18,0	1800,0	7,09	20,43	0,490	0,347	0,181	0,896	0,709
40	8,30	22,0	1798,0	8,30	20,43	0,490	0,406	0,207	1,096	0,830
48	9,33	50,0	1797,0	9,33	20,43	0,490	0,457	0,220	2,490	0,933
72	10,08	80,0	1794,0	10,08	20,43	0,490	0,493	0,259	3,984	1,008
80	10,36	102,0	1790,0	10,36	20,43	0,490	0,507	0,310	5,080	1,036
88	10,92	125,0	1786,0	10,92	20,43	0,490	0,534	0,362	6,225	1,092
104	10,45	175,0	1782,0	10,45	20,43	0,490	0,512	0,414	8,716	1,045
112	10,64	200,0	1780,0	10,64	20,43	0,490	0,521	0,440	9,961	1,064
120	11,01	213,0	1778,0	11,01	20,43	0,490	0,539	0,465	10,608	1,101
128	10,92	230,0	1776,0	10,92	20,43	0,490	0,534	0,491	11,455	1,092
136	11,01	264,0	1772,0	11,01	20,43	0,490	0,539	0,543	13,148	1,101
140	10,92	335,0	1767,0	10,92	20,43	0,490	0,534	0,608	16,684	1,092
160	10,54	386,0	1766,0	10,54	20,43	0,490	0,516	0,621	19,224	1,054
180	10,26	411,0	1763,0	10,26	20,43	0,490	0,502	0,659	20,469	1,026
200	9,98	487,0	1762,0	9,98	20,43	0,490	0,489	0,672	24,255	0,998

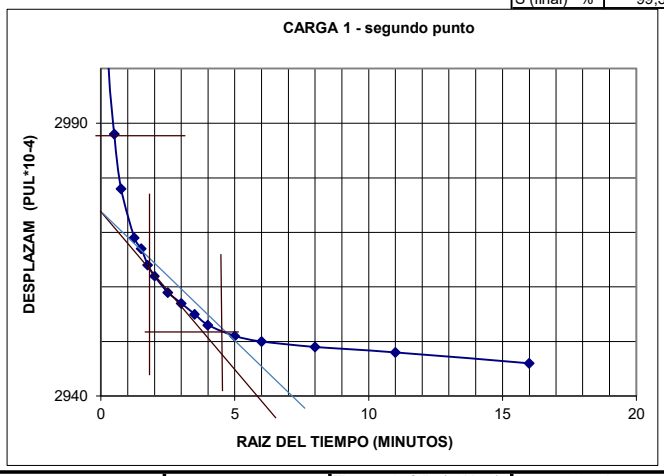
PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**
	SEGUNDO PUNTO — FECHA ENSAYO: **10/02/2021**
SONDEO:	**S16** — MUESTRA: **M6** — PROFUNDIDAD: **3,50-4,00**
DESCRIPCIÓN:	Arcilla limosa marrón rojizo suave (10R 5/6), con oxidaciones, fisuras y algo de gravas
OBSERVACIONES:	

DATOS DE MONTAJE		
Diámetro muestra	[cm]	5,10
Altura muestra	[cm]	2,02
Área inicial muestra	[cm^2]	20,43
Volumen de la muestra	[cm^3]	41,26
Peso de la muestra	[gr]	81,19
Carga normal	[Kg]	21,0
Esfuerzo normal	[Kg/cm^2]	1,028
Altura final de consolidación	[cm]	1,928
Altura final	[cm]	1,911
Peso específico de sólidos	(Gs)	2,703

CONSOLIDACIÓN					
Inicial	[1^10E-4 inc]	3310,0			
Final	[1^10E-4 inc]	2946,0			
Total	[cm]	0,0925			
Peso Unitario	[gr/cm^3]	1,97			
Peso U. Seco	[gr/cm^3]	1,58			
Masa Seca Inicial	[gr]	65,20			
MUESTRA					
Inalterada	X	Circular	X	H. Natural	
Compactada		Cuadrada		Inundada	X
Hs (cm)	1,181	e_o	0,711	e_f	0,618

DATOS DE HUMEDAD		Condición Inicial	Condición Final
Recipiente No		F3	A90
Wr + mH	P 1 [gr]	107,97	86,02
Wr + mS	P 2 [gr]	87,78	71,21
W rec	P 3 [gr]	5,44	6,01
Humedad	%	24,5	22,7
Velocidad de falla (mm/min)		0,05796	
S (inicial)	%	93,3	
S (final)	%	99,3	

FECHA		11/02/2021
HORA		7:00:00
TIEMPO		1
		CARGA (kg) 21,0
tiempo	t^ (0,5) (min)	Lectura Def. in X10-4
0	0,00	3310,0
4 seg	0,26	3005,0
15 seg	0,50	2988,0
34 seg	0,75	2978,0
1' 34"	1,25	2969,0
2'15"	1,50	2967,0
3' 04"	1,75	2964,0
4'	2,00	2962,0
6´15´´	2,50	2959,0
9'	3,00	2957,0
12'15"	3,50	2955,0
16'	4,00	2953,0
25'	5,00	2951,0
36'	6,00	2950,0
1h 4'	8,00	2949,0
2h 1'	11,00	2948,0
4h 16'	16,00	2946,0
24h 4'	38,00	



t50= 3,24 — Tiempo de falla (50Xt50) — 162 minutos

TIEMPO Minutos	LECTURA CELDA Kgf	DEFORMACIÓN HORIZONTAL $1*10E^{-3}$ in	DEFORMACIÓN VERTICAL $1*10E^{-4}$ in	FUERZA CORTE kgf	ÁREA Ao cm^2	ESFUERZO NORMAL kg/cm^2	ESFUERZO CORTE kgf/cm^2	DEFORMACIÓN VERTICAL %	DEFORMACIÓN HORIZONT. %	RELACIÓN t/s
0	0,00	0	2944	0,00	20,43	1,028	0,000	0,000	0,000	0,000
10	0,62	3	2941	0,62	20,43	1,028	0,030	0,040	0,149	0,030
15	0,93	5	2940	0,93	20,43	1,028	0,046	0,053	0,249	0,044
20	1,24	7	2939	1,24	20,43	1,028	0,061	0,066	0,349	0,059
24	1,56	12	2938	1,56	20,43	1,028	0,076	0,079	0,598	0,074
28	1,87	16	2938	1,87	20,43	1,028	0,091	0,079	0,797	0,089
32	2,49	20	2938	2,49	20,43	1,028	0,122	0,079	0,996	0,118
36	3,11	25	2937	3,11	20,43	1,028	0,152	0,092	1,245	0,148
40	3,73	34	2937	3,73	20,43	1,028	0,183	0,092	1,693	0,178
48	4,98	44	2934	4,98	20,43	1,028	0,244	0,132	2,191	0,237
72	6,53	50	2932	6,53	20,43	1,028	0,320	0,158	2,490	0,311
80	7,78	72	2927	7,78	20,43	1,028	0,381	0,224	3,586	0,370
88	8,40	100	2918	8,40	20,43	1,028	0,411	0,343	4,980	0,400
104	9,64	133	2907	9,64	20,43	1,028	0,472	0,488	6,624	0,459
112	10,89	171	2895	10,89	20,43	1,028	0,533	0,646	8,516	0,518
120	11,82	234	2891	11,82	20,43	1,028	0,579	0,698	11,654	0,563
128	14,00	278	2887	14,00	20,43	1,028	0,685	0,751	13,845	0,666
136	14,31	343	2883	14,31	20,43	1,028	0,700	0,804	17,083	0,681
144	14,93	380	2881	14,93	20,43	1,028	0,731	0,830	18,925	0,711
152	15,24	405	2870	15,24	20,43	1,028	0,746	0,975	20,171	0,726
160	14,93	415	2872	14,93	20,43	1,028	0,731	0,949	20,669	0,711
180	14,62	434	2874	14,62	20,43	1,028	0,716	0,922	21,615	0,696
200	14,31	480	2876	14,31	20,43	1,028	0,700	0,896	23,906	0,681
220	14,00	502	2878	14,00	20,43	1,028	0,685	0,870	25,002	0,666

PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**
	TERCER PUNTO
FECHA ENSAYO:	**11/02/2021**

SONDEO: **S16** MUESTRA: **M6** PROFUNDIDAD: **3,50-4,00**

DESCRIPCIÓN: Arcilla limosa marrón rojizo suave (10R 5/6), con oxidaciones, fisuras y algo de gravas

OBSERVACIONES:

DATOS DE MONTAJE		
Diámetro muestra	[cm]	5,10
Altura muestra	[cm]	2,02
Área inicial muestra	[cm^2]	20,43
Volumen de la muestra	[cm^3]	41,26
Peso de la muestra	[gr]	82,46
Carga normal	[Kg]	41,0
Esfuerzo normal	[Kg/cm^2]	2,007
Altura final de consolidación [cm]		1,929
Altura final	[cm]	1,902
Peso específico de sólidos (Gs)		2,703

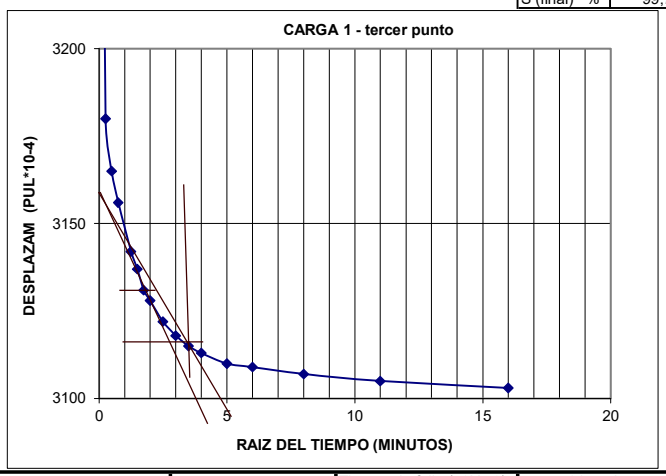
CONSOLIDACIÓN					
Inicial [1^10E-4 inc]	3460,0				
Final [1^10E-4 inc]	3103,0				
Total [cm]	0,0907				
Peso Unitario [gr/cm^3]	2,00				
Peso U. Seco [gr/cm^3]	1,60				
Masa Seca Inicial [gr]	66,18				
MUESTRA					
Inalterada	X	Circular	X	H. Natural	
Compactada		Cuadrada		Inundada	X
Hs (cm)	1,199	e_o	0,685	e_f	0,587

DATOS DE HUMEDAD		Condición Inicial	Condición Final
Recipiente No		C27	D22
Wr + mH	P 1 [gr]	90,12	85,58
Wr + mS	P 2 [gr]	73,45	71,29
W rec	P 3 [gr]	5,68	5,27
Humedad	%	24,6	21,6

Velocidad de falla (mm/min)	
	0,06406
S (inicial) %	97,0
S (final) %	99,7

FECHA	12/02/2021
HORA	7:00:00
TIEMPO	1
	CARGA (kg) 41,0

tiempo	t^ (0,5) (min)	Lectura Def. in X10-4
0	0,00	3460,0
4 seg	0,26	3180,0
15 seg	0,50	3165,0
34 seg	0,75	3156,0
1' 34"	1,25	3142,0
2'15"	1,50	3137,0
3' 04"	1,75	3131,0
4'	2,00	3128,0
6´15´´	2,50	3122,0
9'	3,00	3118,0
12'15"	3,50	3115,0
16'	4,00	3113,0
25'	5,00	3110,0
36'	6,00	3109,0
1h 4'	8,00	3107,0
2h 1'	11,00	3105,0
4h 16'	16,00	3103,0
24h 4'	38,00	



t50= 2,89 Tiempo de falla (50Xt50) 145 minutos

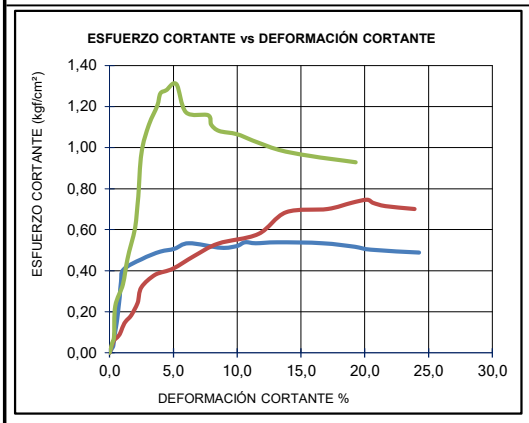
TIEMPO Minutos	LECTURA CELDA Kgf	DEFORMACIÓN HORIZONTAL $1*10E^{-3}$ in	DEFORMACIÓN VERTICAL $1*10E^{-4}$ in	FUERZA CORTE kgf	ÁREA Ao cm^2	ESFUERZO NORMAL kg/cm^2	ESFUERZO CORTE kgf/cm^2	DEFORMACIÓN VERTICAL %	DEFORMACIÓN HORIZONT. %	RELACIÓN t/s
0	0,00	0	3100	0,00	20,43	2,007	0,000	0,000	0,000	0,000
6	0,93	4	3097	0,93	20,43	2,007	0,046	0,039	0,199	0,023
12	1,56	7	3096	1,56	20,43	2,007	0,076	0,053	0,349	0,038
16	4,67	9	3095	4,67	20,43	2,007	0,228	0,066	0,448	0,114
20	6,84	21	3094	6,84	20,43	2,007	0,335	0,079	1,046	0,167
24	9,33	28	3093	9,33	20,43	2,007	0,457	0,092	1,395	0,228
28	12,44	40	3090	12,44	20,43	2,007	0,609	0,132	1,992	0,303
32	15,55	45	3071	15,55	20,43	2,007	0,761	0,382	2,241	0,379
36	19,90	50	3065	19,90	20,43	2,007	0,974	0,461	2,490	0,485
40	22,70	62	3061	22,70	20,43	2,007	1,111	0,513	3,088	0,554
48	24,57	75	3058	24,57	20,43	2,007	1,203	0,553	3,735	0,599
72	25,81	80	3054	25,81	20,43	2,007	1,264	0,606	3,984	0,630
80	26,12	89	3050	26,12	20,43	2,007	1,279	0,658	4,433	0,637
88	26,75	105	3048	26,75	20,43	2,007	1,309	0,685	5,229	0,652
104	23,95	120	3046	23,95	20,43	2,007	1,172	0,711	5,976	0,584
112	23,64	155	3044	23,64	20,43	2,007	1,157	0,737	7,720	0,576
120	22,70	160	3042	22,70	20,43	2,007	1,111	0,764	7,969	0,554
128	22,08	172	3040	22,08	20,43	2,007	1,081	0,790	8,566	0,539
136	21,77	200	3028	21,77	20,43	2,007	1,066	0,948	9,961	0,531
144	21,15	225	3022	21,15	20,43	2,007	1,035	1,027	11,206	0,516
152	20,22	266	3015	20,22	20,43	2,007	0,990	1,119	13,248	0,493
160	19,59	315	3005	19,59	20,43	2,007	0,959	1,251	15,688	0,478
180	18,97	387	3000	18,97	20,43	2,007	0,929	1,317	19,274	0,463
200	18,35	454	2991	18,35	20,43	2,007	0,898	1,435	22,611	0,448

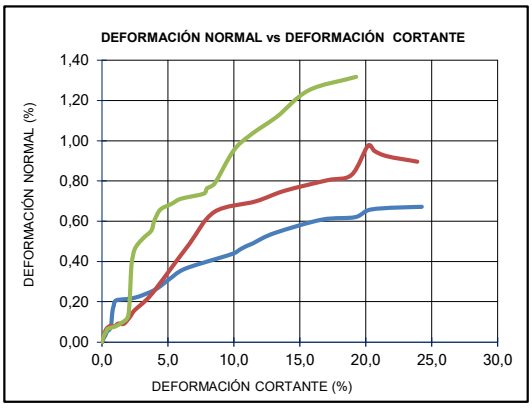
PROYECTO:	**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**
LOCALIZACIÓN:	**ZIPAQUIRÁ - LUMINARIAS**
FECHA ENSAYO:	**12/02/2021**

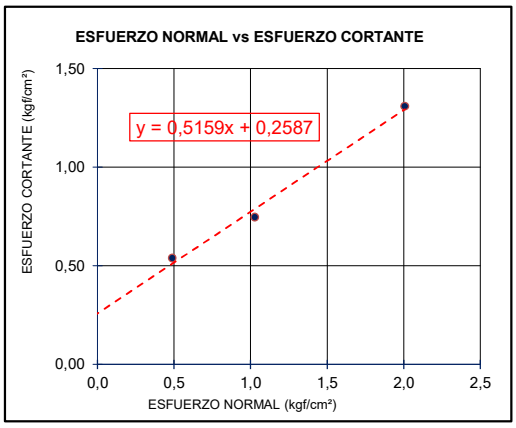
SONDEO:	**S16**	MUESTRA:	**M6**	PROFUNDIDAD:	**3,50-4,00**

DESCRIPCIÓN: Arcilla limosa marrón rojizo suave (10R 5/6), con oxidaciones, fisuras y algo de gravas

OBSERVACIONES:









PICO	**C =**	**0,26**	Kgf/cm^2		**Φ =** **27,3** °

REVISÓ Y APROBÓ: ING. MANUEL CAVIEDES

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PESO UNITARIO PARAFINADO DE SUELOS
NTC-1527

CLIENTE:	UNIVERSIDAD NACIONAL DE COLOMBIA	Registro Interno No:	CM040
PROYECTO:	ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA	FECHA:	20/02/2021
LOCALIZACIÓN:	ZIPAQUIRÁ - CUARTO ELÉCTRICO Y FRONTÓN		

Sondeo	S17	S18	S19					
Muestra	M2	M3	M1					
Profundidad (m)	1,50--1,95	2,30-2,75	1,00-1,45					
Descripción	Limo arcilloso color marrón oscuro (10R 3/3),con escombros y fragmentos. (Relleno)	Arcilla limosa color marrón oscuro (10R 3/3), con oxidaciones y fisuras	Limo arcilloso color marrón oscuro (10R 3/3),con escombros y fragmentos. (Relleno)					
Humedad (%)	15,7	27,5	11,2					
Wi (g)	205,64	134,42	117,23					
Wmpa (g)	216,63	163,39	231,11					
Wmpa (g)	98,87	61,56	40,02					
γt (g/cm3)	**1,95**	**1,94**	**1,86**					

Revisó y aprobó: Ing Manuel Caviedes

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CAMING SAS INGENIEROS
NIT 901220065-0

DETERMINACIÓN DEL PESO ESPECÍFICO DE LOS SUELOS - (Gs)
INV E -128-13

PROYECTO: ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA

LOCALIZACIÓN: ZIPAQUIRÁ - CUARTO ELÉCTRICO Y FRONTÓN

FECHA ENSAYO: **20/02/2021**

SONDEO	Muestra	Profundidad (m)	Picnómetro #	Temperatura °C	Ws (gr)	Wp (gr)	Wa (gr)	Wb (gr)	k	Gs	DESCRIPCIÓN
S17	M1	1,00-1,45	1	21,0	64,80	172,23	670,69	711,15	0,99979	**2,662**	Relleno de limo arcilloso color marrón oscuro (10R 3/2), con escombros y fragmentos
S18	M5	4,10-4,80	2	21,0	65,00	194,93	675,69	716,25	0,99979	**2,659**	Arcilla marrón oscuro (7,5R 5/2), con oxidaciones, gravilla y arena,
S19	M1	1,00-1,45	3	21,0	65,50	155,38	685,47	726,30	0,99979	**2,654**	Limo arcilloso color marrón oscuro (10R 3/3),con escombros y fragmentos. (Relleno)

* los resultados de los ensayos que se presentan en este informe solo son aplicables a las muestras ensayadas

Ws = masa muestra seca

Wp = masa picnómetro

Wa = masa picnómetro + agua a temperatura de ensayo

Wb = masa picnómetro + agua + suelo a temperatura de ensayo

k = Factor de corrección

REVISÓ Y APROBÓ: ING. MANUEL FRANCISCO CAVIEDES

CAMING SAS INGENIEROS
NIT 901220065-0

DETERMINACIÓN DEL LÍMITE LÍQUIDO, LÍMITE PLÁSTICO E ÍNDICE DE PLASTICIDAD DE LOS SUELOS COHESIVOS NTC-4630-99

PROYECTO: ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCION DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA

LOCALIZACIÓN : ZIPAQUIRÁ - CUARTO ELÉCTRICO Y FRONTÓN

FECHA ENSAYO: **20/02/2021**

SONDEO: **S17** MUESTRA: **M2** PROFUNDIDAD (m): **1,50-1,95**

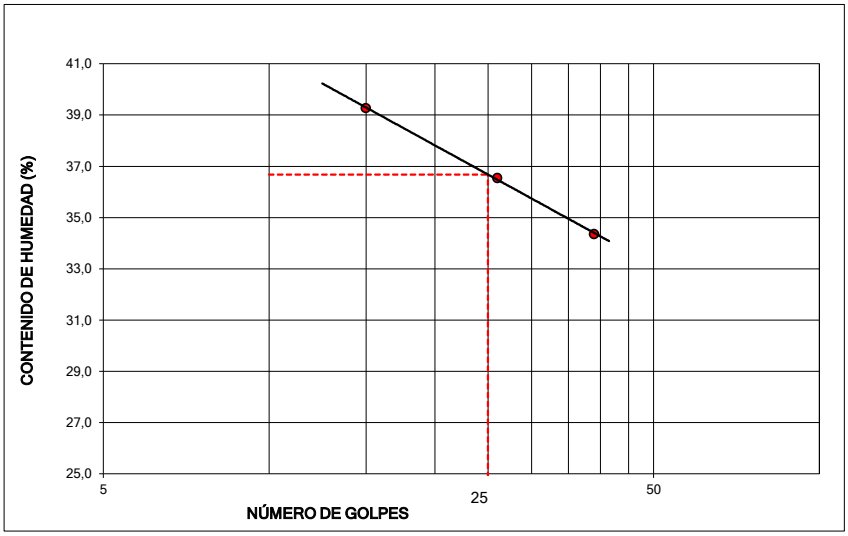
DESCRIPCIÓN: Relleno, Limo arcilloso color marrón oscuro (10R 3/3) con oxidaciones y raíces

OBSERVACIONES:

	LÍMITE LÍQUIDO (%)			LÍMITE PLÁSTICO (%)			Humedad Natural (%)
Golpes	39	26	15	-	-	-	
Recipiente No.	M4H	M7	M8Z	C5	F8		b5
P_1 (gr)	48,89	42,68	36,56	30,23	29,97		115,65
P_2 (gr)	37,82	32,61	27,69	24,92	24,65		102,25
P_3 (gr)	5,60	5,05	5,10	5,44	5,36		5,44
W (%)	**34,4**	**36,5**	**39,3**	**27,3**	**27,6**		**13,8**

LÍMITE LÍQUIDO	**37**
LÍMITE PLÁSTICO	**27**
ÍNDICE DE PLASTICIDAD	**9**
COEFICIENTE DE CORRELACIÓN	**-0,99974**

CLASIFICACIÓN	**M L**
ÍNDICE DE LIQUIDEZ	-1,460
ÍNDICE CONSISTENCIA	2,455
ÍNDICE DE FLUIDEZ	11,826



P_1 = Peso recipiente + muestra húmeda P_2 = Peso recipiente + muestra seca P_3 = Peso recipiente

W = Contenido de humedad de la muestra

Revisó y aprobó: Ing Manuel Caviedes

CAMING SAS INGENIEROS
NIT 901220065-0

DETERMINACIÓN DEL LÍMITE LÍQUIDO, LÍMITE PLÁSTICO E ÍNDICE DE PLASTICIDAD DE LOS SUELOS COHESIVOS NTC-4630-99

PROYECTO: ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA

LOCALIZACIÓN : ZIPAQUIRÁ - CUARTO ELÉCTRICO Y FRONTÓN

FECHA ENSAYO: **20/02/2021**

SONDEO: **S18** MUESTRA: **M6** PROFUNDIDAD (m): **5,10-5,80**

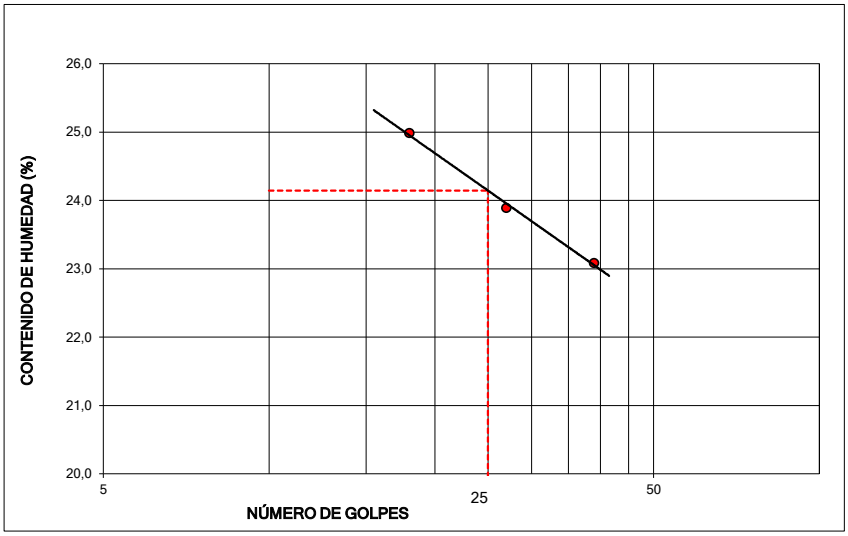
DESCRIPCIÓN: Arcilla marrón oscuro (2,5YR 5/4), con oxidaciones, fisuras, gravilla y arena

OBSERVACIONES:

	LÍMITE LÍQUIDO (%)			LÍMITE PLÁSTICO (%)			Humedad Natural (%)
Golpes	39	27	18	-	-	-	
Recipiente No.	10	C32	D51	F4	D2		F4
P_1 (gr)	59,02	55,85	58,59	31,22	32,65		144,25
P_2 (gr)	48,99	46,12	47,91	27,44	28,64		121,97
P_3 (gr)	5,54	5,39	5,16	5,64	6,01		5,63
W (%)	**23,1**	**23,9**	**25,0**	**17,3**	**17,7**		**19,2**

LÍMITE LÍQUIDO	**24**
LÍMITE PLÁSTICO	**18**
ÍNDICE DE PLASTICIDAD	**7**
COEFICIENTE DE CORRELACIÓN	**-0,99824**

CLASIFICACIÓN	**C L**
ÍNDICE DE LIQUIDEZ	0,246
ÍNDICE CONSISTENCIA	0,756
ÍNDICE DE FLUIDEZ	5,654



P_1 = Peso recipiente + muestra húmeda P_2 = Peso recipiente + muestra seca P_3 = Peso recipiente

W = Contenido de humedad de la muestra

Revisó y aprobó: Ing Manuel Caviedes

CAMING SAS INGENIEROS
NIT 901220065-0

DETERMINACIÓN DEL LÍMITE LÍQUIDO, LÍMITE PLÁSTICO E ÍNDICE DE PLASTICIDAD DE LOS SUELOS COHESIVOS NTC-4630-99

PROYECTO: ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA

LOCALIZACIÓN : ZIPAQUIRÁ - CUARTO ELÉCTRICO Y FRONTÓN

FECHA ENSAYO: **20/02/2021**

SONDEO: **S19** MUESTRA: **M2** PROFUNDIDAD (m): **1,50-1,95**

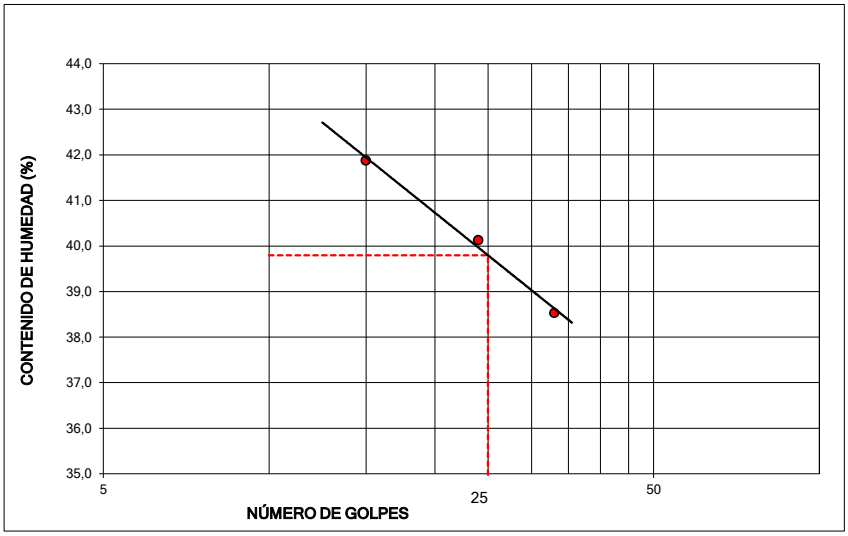
DESCRIPCIÓN: Relleno, limo arcilloso color marrón oscuro (2,5YR 2,5/1), con escombros y fragmentos

OBSERVACIONES:

	LÍMITE LÍQUIDO (%)			LÍMITE PLÁSTICO (%)			Humedad Natural (%)
Golpes	33	24	15	-	-	-	
Recipiente No.	C25	11	A45	A5	C8		T4
P_1 (gr)	39,51	40,15	40,66	29,65	28,32		102,25
P_2 (gr)	30,02	30,21	30,22	24,50	23,50		89,91
P_3 (gr)	5,39	5,44	5,29	5,43	5,36		5,64
W (%)	**38,5**	**40,1**	**41,9**	**27,0**	**26,6**		**14,6**

LÍMITE LÍQUIDO	**40**
LÍMITE PLÁSTICO	**27**
ÍNDICE DE PLASTICIDAD	**13**
COEFICIENTE DE CORRELACIÓN	**-0,99641**

CLASIFICACIÓN	**M L**
ÍNDICE DE LIQUIDEZ	-0,934
ÍNDICE CONSISTENCIA	1,935
ÍNDICE DE FLUIDEZ	9,774



P_1 = Peso recipiente + muestra húmeda P_2 = Peso recipiente + muestra seca P_3 = Peso recipiente

W = Contenido de humedad de la muestra

Revisó y aprobó: Ing Manuel Caviedes

CAMING SAS INGENIEROS
NIT 901220065-0

DETERMINACIÓN DEL LÍMITE LÍQUIDO, LÍMITE PLÁSTICO E ÍNDICE DE PLASTICIDAD DE LOS SUELOS COHESIVOS NTC-4630-99

PROYECTO: ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCION DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA

LOCALIZACIÓN : ZIPAQUIRÁ - CUARTO ELÉCTRICO Y FRONTÓN

FECHA ENSAYO: **20/02/2021**

SONDEO: **S19** MUESTRA: **M7** PROFUNDIDAD (m): **6,00-6,70**

DESCRIPCIÓN: Arcilla gris oscuro (10R 5/2), con tonos verde claro.

OBSERVACIONES:

	LÍMITE LÍQUIDO (%)			LÍMITE PLÁSTICO (%)			Humedad Natural (%)
Golpes	40	20	14	-	-	-	
Recipiente No.	M3Y	O12	F40	R5	T4Z		F8
P_1 (gr)	48,78	39,25	44,08	32,21	28,56		99,81
P_2 (gr)	39,28	31,32	34,55	27,65	24,55		81,92
P_3 (gr)	6,34	5,62	5,41	5,63	5,47		5,63
W (%)	**28,8**	**30,9**	**32,7**	**20,7**	**21,0**		**23,4**

LÍMITE LÍQUIDO	**30**
LÍMITE PLÁSTICO	**21**
ÍNDICE DE PLASTICIDAD	**10**
COEFICIENTE DE CORRELACIÓN	**-0,98755**

CLASIFICACIÓN	**C L**
ÍNDICE DE LIQUIDEZ	0,272
ÍNDICE CONSISTENCIA	0,732
ÍNDICE DE FLUIDEZ	8,475



P_1 = Peso recipiente + muestra húmeda P_2 = Peso recipiente + muestra seca P_3 = Peso recipiente

W = Contenido de humedad de la muestra

Revisó y aprobó: Ing Manuel Caviedes

CAMING SAS INGENIEROS

ANÁLISIS GRANULOMÉTRICO DE SUELOS POR MEDIO DE TAMIZADO INV E 123-13

PROYECTO : **ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCION DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**

LOCALIZACIÓN : **ZIPAQUIRÁ - CUARTO ELÉCTRICO Y FRONTÓN**

FECHA ENSAYO: **20/02/2021**

SONDEO: **S17** MUESTRA: **M1** **1,00-1,45** **m**

DESCRIPCIÓN: Relleno de limo arcilloso color marrón oscuro (10R 3/2), con escombros y fragmentos

OBSERVACIONES:

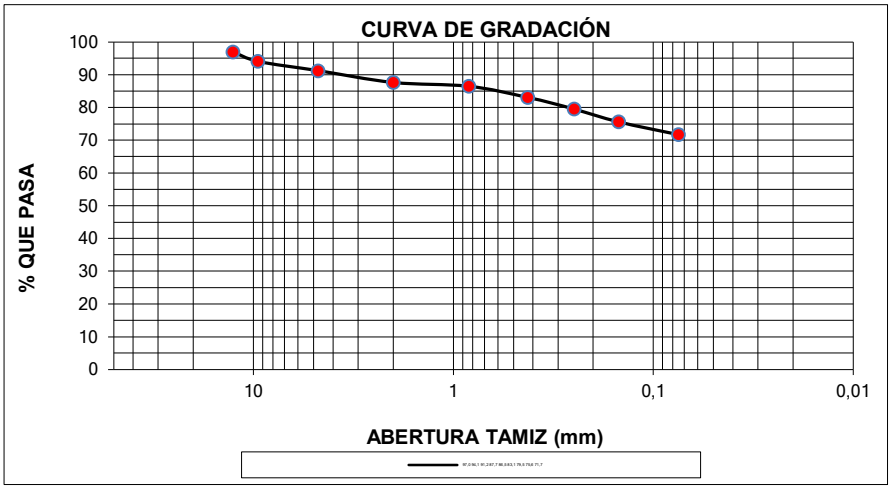
TAMIZ	PESO RETENIDO (g)	PESO RETENIDO CORREGIDO (g)	% RETENIDO	% PASA unificado
-	-	-	-	100,0
3"		0,0	0,0	100,0
2"		0,0	0,0	100,0
1 1/2"		0,0	0,0	100,0
1"		0,0	0,0	100,0
3/4"	0,0	0,0	0,0	100,0
1/2"	11,5	11,5	3,0	97,0
3/8"	11,21	11,2	2,9	94,1
N 4	11,10	11,1	2,9	91,2
N 10	13,72	13,7	3,6	87,7
N 20	5,08	5,1	1,3	86,5
N 40	15,03	15,0	3,9	83,1
N 60	15,61	15,6	4,1	79,5
N 100	17,29	17,3	4,5	75,6
N 200	17,04	17,0	4,4	71,7
FONDO	4,15	4,1	1,1	-
	121,70	121,7		

Peso total de la muestra seca (g)	385,0
Peso muestra lavado sobre tamiz 200 (g)	121,7
Suma pesos retenidos (g)	121,7
Error %	**0,0**
Masa lavada retenida seca T-10 (g)	36,03

CONTENIDO DE HUMEDAD

Recipiente	C3R
P_1 (g)	489,9
P_2 (g)	434,9
P_3 (g)	49,9
Humedad (%)	**14,3%**

GRAVA (%)	**8,8**
ARENA (%)	**19,5**
FINOS (%)	**71,7**



CONTENIDO DE HUMEDAD PARA CORRECIÓN DE Ws (HIDROMETRÍA)

Recipiente	
P_1 (g)	
P_2 (g)	
P_3 (g)	
Humedad	

Masa de sólidos (g)	
Masa de sólidos Corregida (g)	

P1 = Peso del recipiente mas muestra húmeda P2 = Peso del recipiente mas muestra seca P3 = Peso del recipiente

Revisó y aprobó: Ing Manuel Caviedes

CAMING SAS INGENIEROS

ANÁLISIS GRANULOMÉTRICO DE SUELOS POR MEDIO DE TAMIZADO INV E 123-13

PROYECTO : **ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCION DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA**

LOCALIZACIÓN : **ZIPAQUIRÁ - CUARTO ELÉCTRICO Y FRONTÓN**

FECHA ENSAYO: **20/02/2021**

SONDEO: **S18** MUESTRA: **M5** **1,00-1,45** **m**

DESCRIPCIÓN: Arcilla marrón oscuro (7,5R 5/2), con oxidaciones, gravilla y arena,

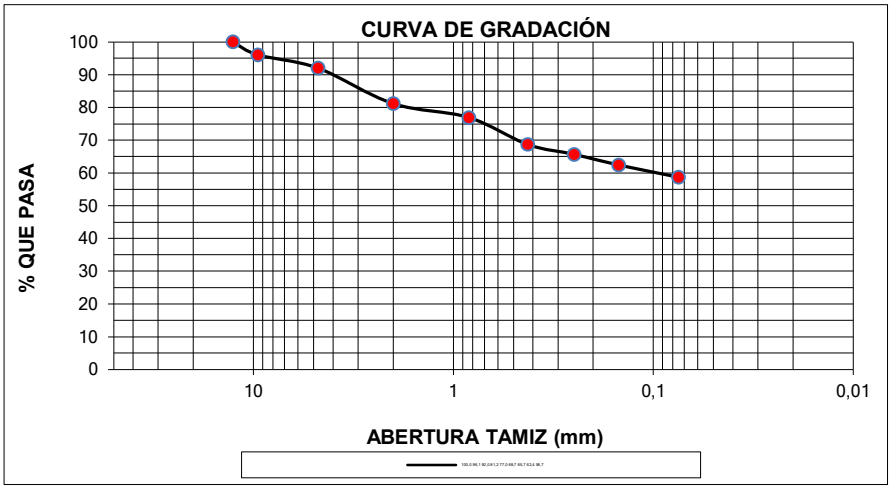
OBSERVACIONES:

TAMIZ	PESO RETENIDO (g)	PESO RETENIDO CORREGIDO (g)	% RETENIDO	% PASA unificado
-	-	-	-	100,0
3"		0,0	0,0	100,0
2"		0,0	0,0	100,0
1 1/2"		0,0	0,0	100,0
1"		0,0	0,0	100,0
3/4"	0,0	0,0	0,0	100,0
1/2"	0,0	0,0	0,0	100,0
3/8"	19,83	19,8	3,9	96,1
N 4	20,44	20,4	4,1	92,0
N 10	54,75	54,6	10,9	81,2
N 20	26,08	26,0	5,2	77,0
N 40	51,24	51,1	10,2	68,7
N 60	18,62	18,6	3,7	65,7
N 100	20,50	20,4	4,1	62,4
N 200	22,79	22,7	4,5	58,7
FONDO	6,06	6,0	1,2	-
	240,31	239,4		

Peso total de la muestra seca (g)	502,4
Peso muestra lavado sobre tamiz 200 (g)	239,4
Suma pesos retenidos (g)	240,3
Error %	**0,4**
Masa lavada retenida seca T-10 (g)	95,02

CONTENIDO DE HUMEDAD

Recipiente	C2R
P_1 (g)	633,6
P_2 (g)	552,4
P_3 (g)	50,0
Humedad (%)	**16,2%**
GRAVA (%)	**8,0**
ARENA (%)	**33,3**
FINOS (%)	**58,7**



CONTENIDO DE HUMEDAD PARA CORRECIÓN DE Ws (HIDROMETRÍA)

Recipiente	
P_1 (g)	
P_2 (g)	
P_3 (g)	
Humedad	

Masa de sólidos (g)	
Masa de sólidos Corregida (g)	

P1 = Peso del recipiente mas muestra húmeda P2 = Peso del recipiente mas muestra seca P3 = Peso del recipiente

Revisó y aprobó: Ing Manuel Caviedes

CAMING SAS INGENIEROS

ENSAYO DE COMPRESIÓN INCONFINADA EN MUESTRAS DE SUELOS
I.N.V.E-152-13

PROYECTO: ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA

LOCALIZACIÓN: ZIPAQUIRÁ - CUARTO ELÉCTRICO Y FRONTÓN

FECHA DE ENSAYO: 20/02/2021

SONDEO: S17 **MUESTRA:** M5 **Prof (m) =** 3,80-4,50

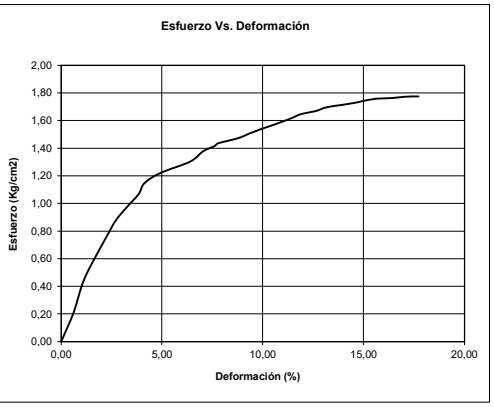
DESCRIPCIÓN: Arcilla marrón rojizo debil (10R 5/3), con oxidaciones, fisuras y algo de gravas

Diametro (cm)	7,65
Altura (cm)	13,35
Peso (gr)	1287,9

Area (cm^2)	45,964
Volumen (cm^3)	613,614
P. Unit. (gr/cm^3)	2,10

Rno.	M77
p1 (gr) =	135,54
p2 (gr) =	116,16
p3 (gr) =	5,53
Hum (%)	17,5

TIEMPO minutos	Desplaz mm	Fuerza Kg	Deform. %	Fuerza kg	Area Corregida cm2	Esfuerzo Axial kg/cm2
0,0	0,0	0,00	0,000	0,000	45,964	0,000
0,3	0,9	10,10	0,638	10,100	46,259	0,218
0,5	1,5	20,50	1,110	20,500	46,480	0,441
0,8	2,3	28,70	1,701	28,700	46,759	0,614
1,0	3,0	35,60	2,248	35,600	47,021	0,757
1,3	3,6	41,40	2,705	41,400	47,241	0,876
1,5	4,4	46,40	3,274	46,400	47,520	0,976
1,8	5,1	51,10	3,845	51,100	47,801	1,069
2,0	5,5	54,90	4,126	54,900	47,942	1,145
2,3	6,5	58,80	4,871	58,800	48,317	1,217
2,5	8,5	64,00	6,395	64,000	49,104	1,303
2,8	9,4	68,00	7,028	68,000	49,438	1,375
3,0	10,2	70,50	7,615	70,500	49,752	1,417
3,3	10,4	71,60	7,808	71,600	49,856	1,436
3,5	11,8	74,40	8,843	74,400	50,422	1,476
3,8	12,7	77,00	9,491	77,000	50,783	1,516
4,0	13,6	79,50	10,201	79,500	51,185	1,553
4,3	14,5	81,70	10,824	81,700	51,543	1,585
4,5	15,2	83,90	11,418	83,900	51,888	1,617
4,8	15,9	85,90	11,890	85,900	52,166	1,647
5,0	16,8	87,80	12,613	87,800	52,598	1,669
5,3	17,6	89,80	13,159	89,800	52,928	1,697
5,5	18,5	91,40	13,874	91,400	53,368	1,713
5,8	19,4	93,00	14,557	93,000	53,794	1,729
6,0	20,1	94,40	15,062	94,400	54,114	1,744
6,3	20,9	95,80	15,628	95,800	54,478	1,759
6,5	21,9	97,00	16,400	97,000	54,980	1,764
6,8	22,7	98,20	17,041	98,200	55,405	1,772
7,0	23,7	99,20	17,717	99,200	55,860	1,776



qu (kg/cm2) =	**1,74**
Eu (kg/cm2) =	**34**


Condición Inicial


Condición Final

Revisó y aprobó: Ing. Manuel Caviedes

CAMING SAS INGENIEROS

ENSAYO DE COMPRESIÓN INCONFINADA EN MUESTRAS DE SUELOS
I.N.V.E-152-13

PROYECTO: ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA

LOCALIZACIÓN: ZIPAQUIRÁ - CUARTO ELÉCTRICO Y FRONTÓN

FECHA DE ENSAYO: 20/02/2021

SONDEO: S18 **MUESTRA:** M4 **Prof (m) =** 3,10-3,80

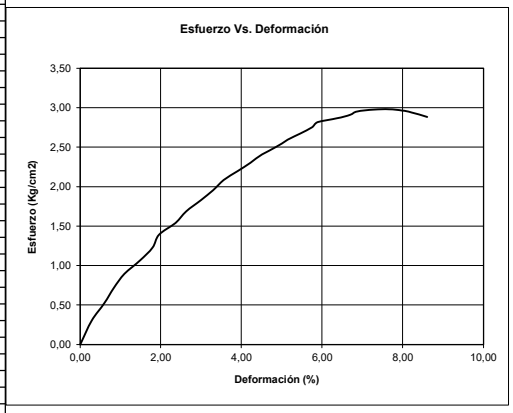
DESCRIPCIÓN: Arcilla marrón rojizo debil (2,5R 4/3), con oxidaciones, fisuras y algo de gravas

Diametro (cm)	7,81
Altura (cm)	13,49
Peso (gr)	1328,5

Area (cm^2)	47,906
Volumen (cm^3)	646,256
P. Unit. (gr/cm^3)	2,06

Rno.	BN1
p1 (gr) =	140,79
p2 (gr) =	117,51
p3 (gr) =	8,18
Hum (%)	21,3

TIEMPO minutos	Desplaz mm	Fuerza Kg	Deform. %	Fuerza kg	Area Corregida cm2	Esfuerzo Axial kg/cm2
0,0	0,0	0,00	0,000	0,000	47,906	0,000
0,2	0,4	14,60	0,286	14,600	48,044	0,304
0,4	0,8	25,20	0,601	25,200	48,196	0,523
0,7	1,1	34,60	0,835	34,600	48,310	0,716
0,9	1,5	43,40	1,102	43,400	48,440	0,896
1,1	2,0	51,80	1,485	51,800	48,629	1,065
1,3	2,4	59,90	1,794	59,900	48,782	1,228
1,5	2,6	68,00	1,958	68,000	48,863	1,392
1,7	3,2	75,70	2,365	75,700	49,067	1,543
2,0	3,5	83,00	2,628	83,000	49,199	1,687
2,2	4,0	90,30	2,994	90,300	49,385	1,828
2,4	4,4	96,90	3,298	96,900	49,540	1,956
2,6	4,8	103,50	3,562	103,500	49,676	2,084
2,8	5,3	109,50	3,907	109,500	49,854	2,196
3,0	5,7	115,20	4,223	115,200	50,018	2,303
3,3	6,1	120,80	4,515	120,800	50,172	2,408
3,5	6,5	125,90	4,852	125,900	50,349	2,501
3,7	6,9	131,00	5,148	131,000	50,507	2,594
3,9	7,4	135,50	5,456	135,500	50,671	2,674
4,1	7,7	139,70	5,744	139,700	50,826	2,749
4,3	7,9	143,40	5,890	143,400	50,905	2,817
4,6	8,6	146,60	6,367	146,600	51,164	2,865
4,8	9,0	149,50	6,698	149,500	51,345	2,912
5,0	9,3	151,90	6,866	151,900	51,438	2,953
5,2	9,8	153,80	7,280	153,800	51,668	2,977
5,4	10,3	154,70	7,659	154,700	51,880	2,982
5,6	10,8	154,40	7,982	154,400	52,062	2,966
5,9	11,1	153,50	8,219	153,500	52,196	2,941
6,1	11,6	151,10	8,604	151,100	52,416	2,883



qu (kg/cm2) =	**2,98**
Eu (kg/cm2) =	**106**


Condición Inicial


Condición Final

Revisó y aprobó: Ing. Manuel Caviedes

CAMING SAS INGENIEROS

ENSAYO DE COMPRESIÓN INCONFINADA EN MUESTRAS DE SUELOS
I.N.V.E-152-13

PROYECTO: ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA

LOCALIZACIÓN: ZIPAQUIRÁ - CUARTO ELÉCTRICO Y FRONTÓN

FECHA DE ENSAYO: 20/02/2021

SONDEO: S18 **MUESTRA:** M6 **Prof (m) =** 5,10-5,80

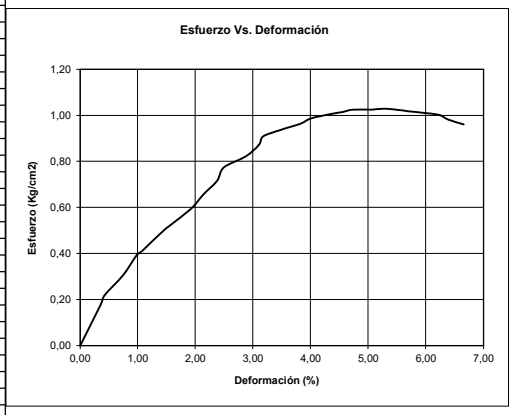
DESCRIPCIÓN: Arcilla marrón rojizo debil (2,5R 5/4), con oxidaciones, fisuras y algo de gravas

Diametro (cm)	7,61
Altura (cm)	13,33
Peso (gr)	1275,2

Area (cm^2)	45,484
Volumen (cm^3)	606,304
P. Unit. (gr/cm^3)	2,10

Rno.	C10
p1 (gr) =	158,1
p2 (gr) =	133,02
p3 (gr) =	5,44
Hum (%)	19,7

TIEMPO minutos	Desplaz mm	Fuerza Kg	Deform. %	Fuerza kg	Area Corregida cm2	Esfuerzo Axial kg/cm2
0,0	0,0	0,00	0,000	0,000	45,484	0,000
0,2	0,5	8,00	0,352	8,000	45,645	0,175
0,3	0,6	10,00	0,424	10,000	45,678	0,219
0,5	1,0	14,00	0,745	14,000	45,826	0,306
0,7	1,3	18,00	0,980	18,000	45,935	0,392
0,8	1,4	19,00	1,087	19,000	45,984	0,413
1,0	1,9	23,00	1,442	23,000	46,150	0,498
1,2	2,1	24,30	1,580	24,300	46,214	0,526
1,3	2,6	27,60	1,928	27,600	46,379	0,595
1,5	2,8	30,40	2,130	30,400	46,474	0,654
1,7	3,2	33,30	2,377	33,300	46,592	0,715
1,8	3,3	36,10	2,497	36,100	46,649	0,774
2,0	3,8	38,50	2,874	38,500	46,830	0,822
2,2	4,1	40,90	3,103	40,900	46,941	0,871
2,3	4,2	42,70	3,181	42,700	46,979	0,909
2,5	4,6	44,10	3,469	44,100	47,119	0,936
2,7	5,1	45,60	3,822	45,600	47,292	0,964
2,8	5,4	46,80	4,016	46,800	47,387	0,988
3,0	5,7	47,70	4,306	47,700	47,531	1,004
3,2	6,1	48,40	4,564	48,400	47,660	1,016
3,3	6,3	48,90	4,733	48,900	47,744	1,024
3,5	6,7	49,10	5,056	49,100	47,906	1,025
3,7	7,0	49,40	5,271	49,400	48,015	1,029
3,8	7,4	49,30	5,524	49,300	48,144	1,024
4,0	7,6	49,10	5,690	49,100	48,229	1,018
4,2	7,9	48,90	5,960	48,900	48,367	1,011
4,3	8,3	48,60	6,230	48,600	48,506	1,002
4,5	8,5	47,70	6,389	47,700	48,588	0,982
4,7	8,9	46,80	6,657	46,800	48,728	0,960



qu (kg/cm2) =	**1,03**
Eu (kg/cm2) =	**50**


Condición Inicial


Condición Final

Revisó y aprobó: Ing. Manuel Caviedes

CAMING SAS INGENIEROS

ENSAYO DE COMPRESIÓN INCONFINADA EN MUESTRAS DE SUELOS
I.N.V.E-152-13

PROYECTO: ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA

LOCALIZACIÓN: ZIPAQUIRÁ - CUARTO ELÉCTRICO Y FRONTÓN

FECHA DE ENSAYO: 20/02/2021

SONDEO: S19 **MUESTRA:** M6 **Prof (m) =** 4,80-5,50

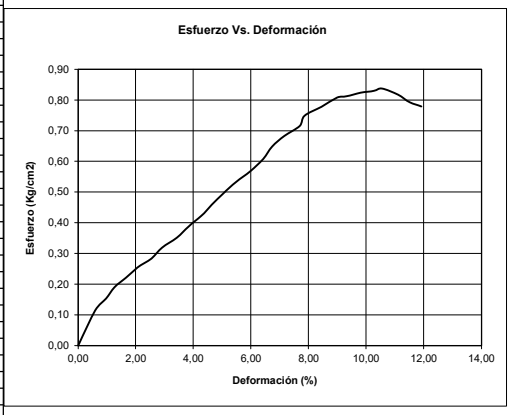
DESCRIPCIÓN: Arcilla marrón rojizo debil (7,5R 3/2), con oxidaciones, fisuras y algo de gravas

Diametro (cm)	7,56
Altura (cm)	13,42
Peso (gr)	1135,1

Area (cm^2)	44,888
Volumen (cm^3)	602,403
P. Unit. (gr/cm^3)	1,88

Rno.	B12
p1 (gr) =	132,99
p2 (gr) =	107,84
p3 (gr) =	5,17
Hum (%)	24,5

TIEMPO minutos	Desplaz mm	Fuerza Kg	Deform. %	Fuerza kg	Area Corregida cm2	Esfuerzo Axial kg/cm2
0,0	0,0	0,00	0,000	0,000	44,888	0,000
0,3	0,8	5,16	0,596	5,160	45,158	0,114
0,5	1,3	6,96	0,969	6,960	45,328	0,154
0,8	1,7	8,64	1,260	8,640	45,461	0,190
1,0	2,2	10,08	1,666	10,080	45,649	0,221
1,3	2,8	11,64	2,061	11,640	45,833	0,254
1,5	3,4	13,08	2,544	13,080	46,060	0,284
1,8	3,9	14,76	2,918	14,760	46,238	0,319
2,0	4,6	16,32	3,426	16,320	46,481	0,351
2,3	5,1	18,12	3,835	18,120	46,679	0,388
2,5	5,7	19,80	4,276	19,800	46,894	0,422
2,8	6,2	21,60	4,643	21,600	47,074	0,459
3,0	6,8	23,40	5,035	23,400	47,268	0,495
3,3	7,4	25,32	5,484	25,320	47,493	0,533
3,5	8,0	27,12	5,983	27,120	47,745	0,568
3,8	8,6	29,16	6,421	29,160	47,969	0,608
4,0	9,0	31,20	6,733	31,200	48,129	0,648
4,3	9,6	33,00	7,158	33,000	48,349	0,683
4,5	10,3	34,80	7,691	34,800	48,629	0,716
4,8	10,5	36,48	7,860	36,480	48,718	0,749
5,0	11,3	38,16	8,444	38,160	49,029	0,778
5,3	12,1	39,84	8,993	39,840	49,324	0,808
5,5	12,5	40,20	9,320	40,200	49,502	0,812
5,8	13,2	41,00	9,805	41,000	49,768	0,824
6,0	13,8	41,50	10,269	41,500	50,026	0,830
6,3	14,2	42,00	10,553	42,000	50,184	0,837
6,5	14,9	41,28	11,102	41,280	50,494	0,818
6,8	15,4	40,20	11,510	40,200	50,727	0,792
7,0	16,0	39,72	11,915	39,720	50,960	0,779



qu (kg/cm2) =	**0,84**
Eu (kg/cm2) =	**19**


Condición Inicial


Condición Final

Revisó y aprobó: Ing. Manuel Caviedes

Departamento de Ingeniería Civil y Agrícola
Facultad de Ingeniería
Sede Bogotá

UNIVERSIDAD NACIONAL DE COLOMBIA

ANEXO 4 – DETERMINACIÓN DE PARÁMETROS SPT

"ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ CUNDINAMARCA"

CONVENIO INTERADMINISTRATIVO No. 315 DE 2020

Ing. Julio Esteban Colmenares Montañez, PhD
Ingeniero Geotecnista

DETERMINACIÓN DE PARÁMETROS DE RESISTENCIA DRENADOS PARA MATERIAL 1

P3	
γ_T (KN/m^3)	19,88

P4	
γ_T (KN/m^3)	19,88

P5	
γ_T (KN/m^3)	19,88

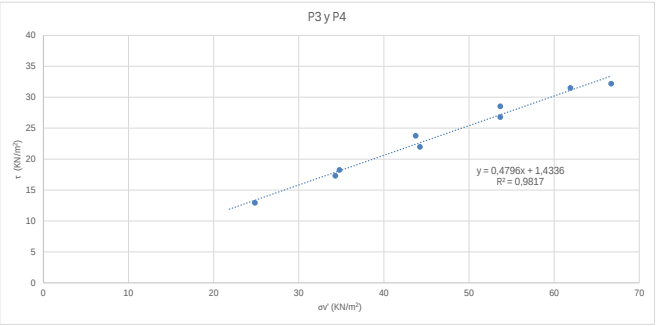
P14	
γ_T (KN/m^3)	19,88

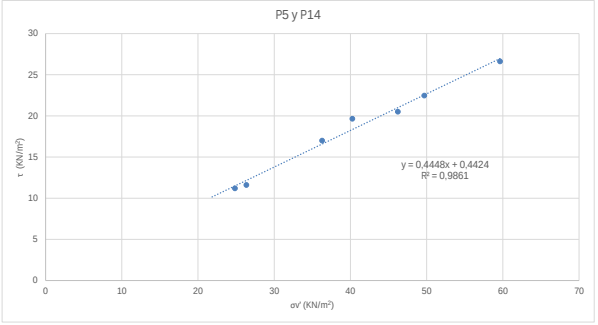
Cota guía (msnm)	2593,6

Se asume:

n_1=	0,7	
n_2=	Varia	Factor de corrección por longitud de varilla.
n_3=	1	Corrección por tipo de muestreador.
n_4=	1	Perforación 3"

z (m)		Cota inicial (msnm)	z ajustada (m)		Prof media (m)	N (Golpes/pie)			N campo	Perforación	σv (KN/m^2)	u (KN/m^2)	σv' (KN/m^2)	n_1	n_2	n_3	n_4	RS	CN	$N1_{60}$	$N1_{72}$	$N1_{45}$	$\phi_{equivalente}$											τ	
Desde	Hasta		Desde	Hasta		1	2	3															Kishida	Schmertmann	Peck	Peck, Hanson e Thombum (1953)	JNR	JRB	Montenegro (2014)	Montenegro (2014)	JRA (1990)	Promedio	Promedio	τ (KN/m^2)	τ promedio (KN/m^2)
1,00	1,50	2593,60	1,00	1,50	1,25	10	10	10	20	P3	24,85	0	24,85	0,7	0,75	1	1	2,406	0,645	6	7	4	26,80	31,78	29,59	24,34	29,09	25,22	31,20	21,04	28,65	27,52	28	12,95	20
1,50	2,00		1,50	2,00	1,75	8	11	14	25		34,79	0	34,79	0,7	0,75	1	1	3,368	0,545	6	7	5	27,13	32,37	29,65	24,23	29,21	25,50	31,36	21,57	28,17	27,69		18,25	
2,00	2,40		2,00	2,40	2,20	13	14	20	34		43,74	0	43,74	0,7	0,75	1	1	4,234	0,486	7	9	6	28,36	34,50	29,89	23,78	29,68	26,57	31,96	23,50	28,50	28,53		23,77	
2,50	2,90		2,50	2,90	2,70	13	14	10	24		53,68	0	53,68	0,7	0,75	1	1	5,196	0,439	5	6	4	25,66	29,70	29,39	24,70	28,71	24,23	30,71	19,19	26,45	26,53		26,79	
1,00	1,45	2593,10	1,50	1,95	1,73	9	10	10	20	P4	34,29	0	34,29	0,7	0,75	1	1	3,320	0,549	5	6	4	25,89	30,12	29,43	24,63	28,78	24,43	30,81	19,56	27,36	26,78	27	17,31	26
1,50	1,95		2,00	2,45	2,23	8	10	11	21		44,23	0	44,23	0,7	0,75	1	1	4,282	0,483	5	5	3	25,47	29,33	29,36	24,76	28,64	24,07	30,63	18,87	26,64	26,42		21,98	
1,95	2,45		2,45	2,95	2,70	13	15	19	34		53,68	0	53,68	0,7	0,75	1	1	5,196	0,439	7	8	5	27,69	33,35	29,76	24,03	29,42	25,99	31,62	22,46	27,67	28,00		28,54	
2,50	2,95		3,00	3,45	3,23	17	16	13	29		64,11	2,205	61,91	0,7	0,75	1	1	5,993	0,408	5	6	4	26,31	30,89	29,50	24,50	28,92	24,80	30,99	20,25	26,60	26,97		31,51	
2,95	3,45		3,45	3,95	3,70	8	11	11	22		73,56	6,86	66,70	0,7	0,75	1	1	6,457	0,394	4	5	3	24,67	27,81	29,23	24,98	28,40	23,37	30,33	17,54	25,54	25,76		32,19	
0,55	1,15	2593,20	0,95	1,55	1,25	2	3	5	8	P5	24,85	0	24,85	0,7	0,75	1	1	2,406	0,645	2	3	2	22,46	23,34	28,94	25,50	27,84	21,46	29,60	13,75	25,47	24,26	29	11,20	28
1,40	1,85		1,80	2,25	2,03	6	9	9	18		40,26	0	40,26	0,7	0,75	1	1	3,897	0,507	4	5	3	24,92	28,30	29,27	24,91	28,48	23,59	30,42	17,96	26,45	26,03		19,66	
1,85	2,35		2,25	2,75	2,50	6	6	6	12		49,70	0	49,70	0,7	0,75	1	1	4,811	0,456	2	3	2	22,69	23,81	28,96	25,46	27,89	21,66	29,66	14,14	24,74	24,33		22,48	
2,35	2,85		2,75	3,25	3,00	5	6	6	12		59,64	8,9E-13	59,64	0,7	0,75	1	1	5,773	0,416	2	3	2	22,34	23,09	28,92	25,53	27,81	21,36	29,57	13,54	24,33	24,05		26,62	
1,00	1,45	2593,50	1,10	1,55	1,32	2	3	4	7	P14	26,34	0	26,34	0,7	0,75	1	1	2,550	0,626	2	2	1	21,88	22,09	28,87	25,62	27,71	20,96	29,44	12,73	24,97	23,81	24	11,62	16
1,50	1,95		1,60	2,05	1,82	5	6	7	13		36,28	0	36,28	0,7	0,75	1	1	3,512	0,534	3	4	2	23,66	25,81	29,09	25,24	28,12	22,50	29,97	15,82	25,77	25,11		17,00	
2,00	2,45		2,10	2,55	2,32	5	5	5	10		46,22	0	46,22	0,7	0,75	1	1	4,474	0,473	2	3	2	22,15	22,66	28,90	25,57	27,77	21,19	29,51	13,19	24,48	23,94		20,52	





P3 y P4	ø'	25,62	c' (KN/m^2)	1,43
P5 y P14	ø'	23,98	c' (KN/m^2)	0,44

Departamento de Ingeniería Civil y Agrícola
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UNIVERSIDAD NACIONAL DE COLOMBIA

ANEXO 5 – MEMORIAS DE CÁLCULO DE CAPACIDAD PORTANTE DE ZAPATAS, CAISSONS Y MÓDULOS DE REACCIÓN

"ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ CUNDINAMARCA"

CONVENIO INTERADMINISTRATIVO No. 315 DE 2020

Ing. Julio Esteban Colmenares Montañez, PhD
Ingeniero Geotecnista

Av. Carrera 30 No.45-03 Ciudad Universitaria
Edificio 406 (Instituto de Extensión e Investigación - I.E.I) Oficina 218
57 (1) 3165513 PBX 3165000 Ext. 13301/02/27
insei_bog@unal.edu.co
Bogotá, D. C., Colombia

Proyecto
cultural y colectivo
de nación

Departamento de Ingeniería Civil y Agrícola
Facultad de Ingeniería
Sede Bogotá

UNIVERSIDAD NACIONAL DE COLOMBIA

CAPACIDAD PORTANTE DE ZAPATAS

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Bogotá, D. C., Colombia

Proyecto
cultural y colectivo
de nación

CAPACIDAD PORTANTE DRENADA DE ZAPATAS

NF (m)	1

FS Est	FS Din
3	1,5

Estructura	B (m)	L (m)	Df (m)	Df/B	Material	Parametros del suelo bajo el apoyo						Parametros Capacidad						Componentes de Capacidad			Factores de corrección									Capacidad portante estática					Carga Adm Estática	Factor de corrección			Capacidad portante dinámica					Carga Adm Dinámica
						φ'		C'	γ1	γ2	γ2 sum	Nc	Nq	Ng				c°Nc	γ1°Df°Nq	0.5°B°γ2 sum°Ng	Factores de profundidad			Factores de forma			Factores de inclinación de			Cap Neta	Cons. γ1°Df por exc.	γ1°Df	Cap Bruta	Cap Adm Est		Factores de inclinación de carga Dinámica			Cap Neta	Cons. γ1°Df por exc.	γ1°Df	Cap Bruta	Cap Adm Din	
						(°)	(Rad)	(kPa)	(kN/m3)	(kN/m3)	(kN/m3)			Vesic	Meyerhof	Davis & Brook	Select	(kPa)	(kPa)	(kPa)	Fcd	Fqd	Fgd	Fcs	Fqs	Fgs	Fci	Fqi	Fgi	(kPa)			(kPa)	(kPa)	(kN)	Fci	Fqi	Fgi	(kPa)			(kPa)	(kPa)	(kN)
Edificación Principal	1,00	1,00	1,00	1,0	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	301,6	1,2	1,2	1,0	1,80	1,78	0,60	0,80	0,80	0,67	3660	No	0,00	3660	1220	1220	0,67	0,67	0,42	3041	No	0,00	3041	2027	2027
	1,50	1,50	1,00	0,7	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	452,5	1,2	1,2	1,0	1,80	1,78	0,60	0,81	0,81	0,68	3545	No	0,00	3545	1182	2659	0,69	0,69	0,46	2979	No	0,00	2979	1986	4469
	2,00	2,00	1,00	0,5	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	603,3	1,1	1,1	1,0	1,80	1,78	0,60	0,83	0,83	0,71	3551	No	0,00	3551	1184	4735	0,71	0,71	0,50	3029	No	0,00	3029	2020	8078
	2,50	2,50	1,00	0,4	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	754,1	1,1	1,1	1,0	1,80	1,78	0,60	0,84	0,84	0,73	3609	No	0,00	3609	1203	7518	0,74	0,74	0,55	3129	No	0,00	3129	2086	13036
	3,00	3,00	1,00	0,3	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	904,9	1,1	1,1	1,0	1,80	1,78	0,60	0,85	0,85	0,75	3692	No	0,00	3692	1231	11077	0,76	0,76	0,59	3252	No	0,00	3252	2168	19513
	3,50	3,50	1,00	0,3	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	1055,8	1,1	1,1	1,0	1,80	1,78	0,60	0,87	0,87	0,78	3791	No	0,00	3791	1264	15478	0,78	0,78	0,63	3387	No	0,00	3387	2258	27663
	4,00	4,00	1,00	0,3	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	1206,6	1,1	1,1	1,0	1,80	1,78	0,60	0,88	0,88	0,80	3897	No	0,00	3897	1299	20782	0,80	0,80	0,67	3527	No	0,00	3527	2351	37624
Hotel	0,50	0,50	1,00	2,0	M2	38,0	0,66	16,7	19,88	19,64	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	150,8	1,3	1,3	1,0	1,80	1,78	0,60	0,96	0,96	0,00	4318	No	0,00	4318	1439	360	0,84	0,84	0,00	3778	No	0,00	3778	2519	630
	1,00	1,00	1,00	1,0	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	301,6	1,2	1,2	1,0	1,80	1,78	0,60	0,96	0,96	0,94	4423	No	0,00	4423	1474	1474	0,84	0,84	0,72	3829	No	0,00	3829	2552	2552
	1,50	1,50	1,00	0,7	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	452,5	1,2	1,2	1,0	1,80	1,78	0,60	0,97	0,97	0,95	4261	No	0,00	4261	1420	3196	0,86	0,86	0,75	3748	No	0,00	3748	2498	5621
	2,00	2,00	1,00	0,5	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	603,3	1,1	1,1	1,0	1,80	1,78	0,60	0,97	0,97	0,96	4232	No	0,00	4232	1411	5642	0,88	0,88	0,79	3787	No	0,00	3787	2525	10100
	2,50	2,50	1,00	0,4	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	754,1	1,1	1,1	1,0	1,80	1,78	0,60	0,98	0,98	0,96	4255	No	0,00	4255	1418	8865	0,89	0,89	0,82	3870	No	0,00	3870	2580	16127
	3,00	3,00	1,00	0,3	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	904,9	1,1	1,1	1,0	1,80	1,78	0,60	0,98	0,98	0,97	4304	No	0,00	4304	1435	12911	0,91	0,91	0,85	3970	No	0,00	3970	2646	23818
	3,50	3,50	1,00	0,3	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	1055,8	1,1	1,1	1,0	1,80	1,78	0,60	0,98	0,98	0,97	4366	No	0,00	4366	1455	17828	0,92	0,92	0,87	4074	No	0,00	4074	2716	33274
	4,00	4,00	1,00	0,3	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	1206,6	1,1	1,1	1,0	1,80	1,78	0,60	0,99	0,99	0,98	4437	No	0,00	4437	1479	23662	0,93	0,93	0,89	4180	No	0,00	4180	2787	44590
Taquilla - Museo	0,50	0,50	1,00	2,0	M2	38,0	0,66	16,7	19,88	19,64	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	150,8	1,3	1,3	1,0	1,80	1,78	0,60	0,94	0,94	0,00	4228	No	0,00	4228	1409	352	0,82	0,82	0,87	3767	No	0,00	3767	2511	628
	1,00	1,00	1,00	1,0	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	301,6	1,2	1,2	1,0	1,80	1,78	0,60	0,94	0,94	0,91	4328	No	0,00	4328	1443	1443	0,82	0,82	0,91	3760	No	0,00	3760	2507	2507
	1,50	1,50	1,00	0,7	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	452,5	1,2	1,2	1,0	1,80	1,78	0,60	0,96	0,96	0,94	4222	No	0,00	4222	1407	3167	0,82	0,82	0,94	3623	No	0,00	3623	2415	5434
	2,00	2,00	1,00	0,5	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	603,3	1,1	1,1	1,0	1,80	1,78	0,60	0,97	0,97	0,95	4225	No	0,00	4225	1408	5633	0,82	0,82	0,95	3601	No	0,00	3601	2400	9602
	2,50	2,50	1,00	0,4	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	754,1	1,1	1,1	1,0	1,80	1,78	0,60	0,98	0,98	0,97	4264	No	0,00	4264	1421	8884	0,82	0,82	0,97	3624	No	0,00	3624	2416	15102
	3,00	3,00	1,00	0,3	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	904,9	1,1	1,1	1,0	1,80	1,78	0,60	0,98	0,98	0,97	4321	No	0,00	4321	1440	12962	0,82	0,82	0,97	3671	No	0,00	3671	2447	22025
	3,50	3,50	1,00	0,3	M2	38,0	0,66	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	1055,8	1,1	1,1	1,0	1,80	1,78	0,60	0,99	0,99	0,98	4386	No	0,00	4386	1462	17911	0,82	0,82	0,98	3730	No	0,00	3730	2487	30463
	4,00	4,00	1,00	0,3	M2	38,0	0,663	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	1206,6	1,1	1,1	1,0	1,80	1,78	0,60	0,99	0,99	0,98	4458	No	0,00	4458	1486	23775	0,82	0,82	0,98	3797	No	0,00	3797	2532	40506
Muro de Frontón	0,60	1,00	1,00	1,7	M2	38,0	0,663	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	181,0	1,2	1,2	1,0	1,48	1,47	0,76	1,00	1,00	1,00	3789	No	0,00	3789	1263	758	1,00	1,00	1,00	3789	No	0,00	3789	2526	1516
Cuarto Electrico	1,9	1,9	1	0,5	M2	38,0	0,663	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	573,1	1,1	1,1	1,0	1,80	1,78	0,60	1,00	1,00	1,00	4357	No	0,00	4357	1452	5243	1,00	1,00	1,00	4357	No	0,00	4357	2905	10487
	1,3	1,3	1	0,8	M2	38,0	0,663	16,7	19,88	19,6	9,83	61,35	48,93	78,02	64,07	61,37	61,37	1024,6	972,8	392,1	1,2	1,2	1,0	1,80	1,78	0,60	1,00	1,00	1,00	4451	No	0,00	4451	1484	2508	1,00	1,00	1,00	4451	No	0,00	4451	2968	5015

CAPACIDAD PORTANTE NO DRENADA DE ZAPATAS

NF (m)	1

FS Est	FS Din
3	1,5

Estructura	B (m)	L (m)	Df (m)	Df/B	Material	Parametros del suelo bajo el apoyo						Parametros Capacidad						Componentes de Capacidad			Factores de corrección									Capacidad portante estática					Carga Adm Estática	Factor de corrección			Capacidad portante dinámica					Carga Adm Dinámica
						φ'		Su	γ1	γ2	γ2 sum	Nc	Nq	Ng				c°Nc	γ1°Df°Nq	0.5°B°γ2 sum°Ng	Factores de profundidad			Factores de forma			Factores de inclinación de			Cap Neta	Cons. γ1°Df por exc.	γ1°Df	Cap Bruta	Cap Adm Est		Factores de inclinación de carga Dinámica			Cap Neta	Cons. γ1°Df por exc.	γ1°Df	Cap Bruta	Cap Adm Din	
						(°)	(Rad)	(kPa)	(kN/m3)	(kN/m3)	(kN/m3)			Vesic	Meyerhof	Davis & Brook	Select	(kPa)	(kPa)	(kPa)	Fcd	Fqd	Fgd	Fcs	Fqs	Fgs	Fci	Fqi	Fgi	(kPa)			(kPa)	(kPa)	(kN)	Fci	Fqi	Fgi	(kPa)			(kPa)	(kPa)	(kN)
Edificación Principal	1,00	1,00	1,00	1,0	M2	0,0	0,00	70	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	359,9	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,80	0,80	0,00	361	No	0,00	361	120	120	0,67	0,67	0,00	302	No	0,00	302	202	202
	1,50	1,50	1,00	0,7	M2	0,0	0,00	70	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	359,9	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,81	0,81	0,00	366	No	0,00	366	122	274	0,69	0,69	0,00	311	No	0,00	311	207	466
	2,00	2,00	1,00	0,5	M2	0,0	0,00	70	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	359,9	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,83	0,83	0,00	371	No	0,00	371	124	495	0,71	0,71	0,00	321	No	0,00	321	214	856
	2,50	2,50	1,00	0,4	M2	0,0	0,00	70	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	359,9	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,84	0,84	0,00	377	No	0,00	377	126	786	0,74	0,74	0,00	332	No	0,00	332	221	1382
	3,00	3,00	1,00	0,3	M2	0,0	0,00	70	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	359,9	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,85	0,85	0,00	383	No	0,00	383	128	1150	0,76	0,76	0,00	342	No	0,00	342	228	2053
	3,50	3,50	1,00	0,3	M2	0,0	0,00	70	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	359,9	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,87	0,87	0,00	389	No	0,00	389	130	1589	0,78	0,78	0,00	352	No	0,00	352	235	2877
	4,00	4,00	1,00	0,3	M2	0,0	0,00	70	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	359,9	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,88	0,88	0,00	395	No	0,00	395	132	2105	0,80	0,80	0,00	362	No	0,00	362	241	3858
Hotel	0,50	0,50	1,00	2,0	M2	0,0	0,00	80	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	411,3	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,96	0,96	0,00	491	No	0,00	491	164	41	0,84	0,84	0,00	429	No	0,00	429	286	72
	1,00	1,00	1,00	1,0	M2	0,0	0,00	80	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	411,3	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,96	0,96	0,00	493	No	0,00	493	164	164	0,84	0,84	0,00	429	No	0,00	429	286	286
	1,50	1,50	1,00	0,7	M2	0,0	0,00	80	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	411,3	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,97	0,97	0,00	495	No	0,00	495	165	372	0,86	0,86	0,00	438	No	0,00	438	292	658
	2,00	2,00	1,00	0,5	M2	0,0	0,00	80	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	411,3	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,97	0,97	0,00	498	No	0,00	498	166	663	0,88	0,88	0,00	448	No	0,00	448	299	1196
	2,50	2,50	1,00	0,4	M2	0,0	0,00	80	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	411,3	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,98	0,98	0,00	500	No	0,00	500	167	1041	0,89	0,89	0,00	457	No	0,00	457	305	1906
	3,00	3,00	1,00	0,3	M2	0,0	0,00	80	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	411,3	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,98	0,98	0,00	501	No	0,00	501	167	1504	0,91	0,91	0,00	465	No	0,00	465	310	2792
	3,50	3,50	1,00	0,3	M2	0,0	0,00	80	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	411,3	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,98	0,98	0,00	503	No	0,00	503	168	2053	0,92	0,92	0,00	472	No	0,00	472	315	3854
	4,00	4,00	1,00	0,3	M2	0,0	0,00	80	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	411,3	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,99	0,99	0,00	504	No	0,00	504	168	2688	0,93	0,93	0,00	478	No	0,00	478	318	5093
Taquilla - Museo	0,50	0,50	1,00	2,0	M2	0,0	0,00	80	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	411,3	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,94	0,94	0,00	481	No	0,00	481	160	40	0,82	0,82	0,87	419	No	0,00	419	279	70
	1,00	1,00	1,00	1,0	M2	0,0	0,00	80	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	411,3	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,94	0,94	0,00	483	No	0,00	483	161	161	0,82	0,82	0,00	417	No	0,00	417	278	278
	1,50	1,50	1,00	0,7	M2	0,0	0,00	80	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	411,3	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,96	0,96	0,00	491	No	0,00	491	164	368	0,82	0,82	0,00	417	No	0,00	417	278	625
	2,00	2,00	1,00	0,5	M2	0,0	0,00	80	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	411,3	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,97	0,97	0,00	497	No	0,00	497	166	662	0,82	0,82	0,00	417	No	0,00	417	278	1112
	2,50	2,50	1,00	0,4	M2	0,0	0,00	80	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	411,3	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,98	0,98	0,00	501	No	0,00	501	167	1043	0,82	0,82	0,00	417	No	0,00	417	278	1737
	3,00	3,00	1,00	0,3	M2	0,0	0,00	80	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	411,3	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,98	0,98	0,00	503	No	0,00	503	168	1509	0,82	0,82	0,00	417	No	0,00	417	278	2501
	3,50	3,50	1,00	0,3	M2	0,0	0,00	80	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	411,3	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,99	0,99	0,00	505	No	0,00	505	168	2061	0,82	0,82	0,00	417	No	0,00	417	278	3405
	4,00	4,00	1,00	0,3	M2	0,0	0,00	80	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	411,3	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	0,99	0,99	0,00	506	No	0,00	506	169	2699	0,82	0,82	0,00	417	No	0,00	417	278	4447
Muro de Frontón	0,6	1	0,4	0,7	M2	0,0	0,00	80	19,88	19,64	19,64	5,14	1,00	0,00	0,00	0,11	0,00	411,3	8,0	0,0	1,0	1,0	1,0	1,12	1,00	0,76	1,00	1,00	1,00	467	No	0,00	467	156	93	1,00	1,00	1,00	467	No	0,00	467	312	187
Cuarto Electrico	1,9	1,9	1	0,5	M2	0,0	0,00	80	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	411,3	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	1,00	1,00	1,00	511	No	0,00	511	170	615	1,00	1,00	1,00	511	No	0,00	511	341	1230
	1,3	1,3	1	0,8	M2	0,0	0,00	80	19,88	19,64	9,83	5,14	1,00	0,00	0,00	0,11	0,00	411,3	19,9	0,0	1,0	1,0	1,0	1,19	1,00	0,60	1,00	1,00	1,00	511	No	0,00	511	170	288	1,00	1,00	1,00	511	No	0,00	511	341	576

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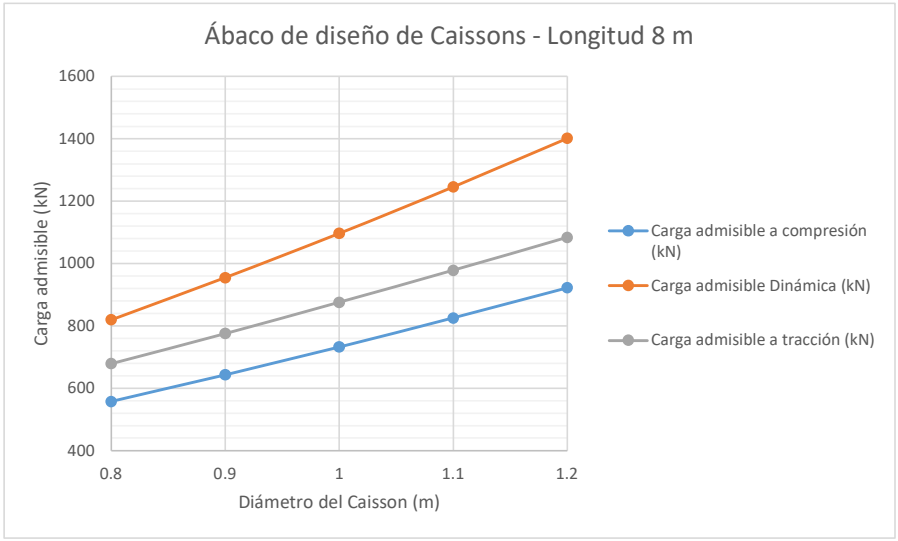
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Su (kPa)	80
Alpha	0.4
tmax (kPa)	44
q (kPa)	685.831
L (m)	8

Diámetro (m)	Longitud (m)	Aporte por Fuste (kN)	Aporte Fuste Adm Est (kN)	Aporte Fuste Adm Din (kN)	Aporte porPunta (kN)	Aporte Punta Adm Est (kN)	Aporte Punta Adm Din (kN)	Carga admisible a compresión (kN)	Carga admisible Dinámica (kN)	Carga admisible a tracción (kN)
0.8	8	885	442	590	345	115	230	557	820	678
0.9	8	995	498	664	436	145	291	643	954	775
1	8	1106	553	737	539	180	359	732	1096	875
1.1	8	1216	608	811	652	217	435	825	1245	978
1.2	8	1327	664	885	776	259	517	922	1402	1084

Condición	FS Fuste	FS Punta
Estático	2	3
Dinámico	1.5	1.5
Tracción	1.5	

Elemento	Carga V (kN)	Cortante en la Base (kN)	Momento (kN-m)
Monumento	145.01	71.36	713.59
Luminaria	76	37.4	791.18



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Caissons 0.8 m						
Material	Es (Kpa)	v	Ep (kPa)	d (m)	Ip (m4)	Kh (kPa/m)
M1	10400	0.4	27805575	0.8	0.040	6324
M2	50000	0.4	27805575	0.8	0.040	34654
M3	29375	0.4	27805575	0.8	0.040	19476
M4	29375	0.4	27805575	0.8	0.040	19476

Caissons 0.9 m						
Material	Es (Kpa)	v	Ep (kPa)	d (m)	Ip (m4)	Kh (kPa/m)
M1	10400	0.4	27805575	0.9	0.064	5621
M2	50000	0.4	27805575	0.9	0.064	30803
M3	29375	0.4	27805575	0.9	0.064	17312
M4	29375	0.4	27805575	0.9	0.064	17312

Caissons 1.0 m						
Material	Es (Kpa)	v	Ep (kPa)	d (m)	Ip (m4)	Kh (kPa/m)
M1	10400	0.4	27805575	1	0.098	5059
M2	50000	0.4	27805575	1	0.098	27723
M3	29375	0.4	27805575	1	0.098	15581
M4	29375	0.4	27805575	1	0.098	15581

Caissons 1.1 m						
Material	Es (Kpa)	v	Ep (kPa)	d (m)	Ip (m4)	Kh (kPa/m)
M1	10400	0.4	27805575	1.1	0.144	4599
M2	50000	0.4	27805575	1.1	0.144	25203
M3	29375	0.4	27805575	1.1	0.144	14165
M4	29375	0.4	27805575	1.1	0.144	14165

Caissons 1.2 m						
Material	Es (Kpa)	v	Ep (kPa)	d (m)	Ip (m4)	Kh (kPa/m)
M1	10400	0.4	27805575	1.2	0.204	4216
M2	50000	0.4	27805575	1.2	0.204	23103
M3	29375	0.4	27805575	1.2	0.204	12984
M4	29375	0.4	27805575	1.2	0.204	12984

Módulo de reacción horizontal - Caissons					
Longitud caisson (m)	Kh (Kpa/m)				
	Φ fuste=0.8m	Φ fuste=0.9m	Φ fuste=1.0m	Φ fuste=1.1m	Φ fuste=1.2m
0.5	6324	5621	5059	4599	4216
1.0	6324	5621	5059	4599	4216
1.5	6324	5621	5059	4599	4216
2.0	6324	5621	5059	4599	4216
2.5	6324	5621	5059	4599	4216
3.0	6324	5621	5059	4599	4216
3.5	34654	30803	27723	25203	23103
4.0	34654	30803	27723	25203	23103
4.5	34654	30803	27723	25203	23103
5.0	34654	30803	27723	25203	23103
5.5	34654	30803	27723	25203	23103
6.0	34654	30803	27723	25203	23103
6.5	34654	30803	27723	25203	23103
7.0	34654	30803	27723	25203	23103
7.5	34654	30803	27723	25203	23103
8.0	34654	30803	27723	25203	23103

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ANEXO 6 – MEMORIAS DE CÁLCULO DE EMPUJES

"ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ CUNDINAMARCA"

CONVENIO INTERADMINISTRATIVO No. 315 DE 2020

Ing. Julio Esteban Colmenares Montañez, PhD
Ingeniero Geotecnista

Departamento de Ingeniería Civil y Agrícola
Facultad de Ingeniería
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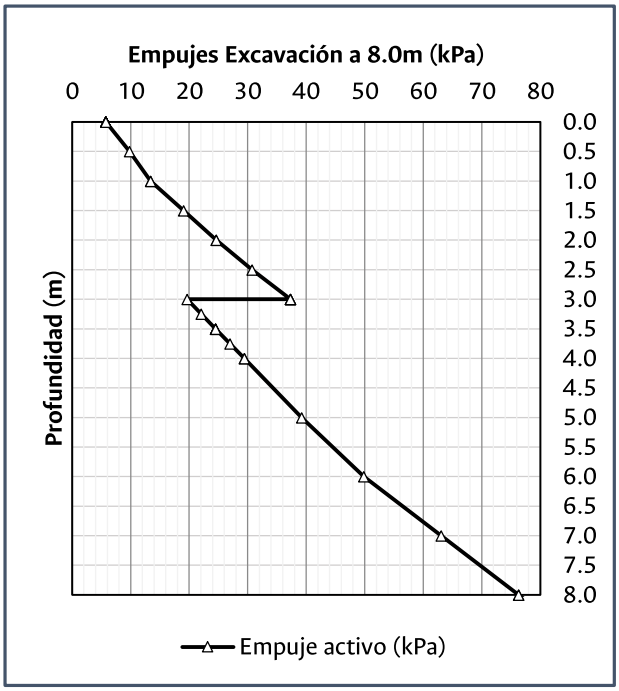
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								F.S. tan Φ 1		F.S. C' 1								Sobrecarga (kPa) 15.0					NF (m) 1.0		F.S. Drenado 1	F.S. 1 Condición drenada		
													Drenado	No drenado	Drenado	No drenado	Cálculo de incrementos de esfuerzos debidos a la sobrecarga						Calculo de estado de esfuerzos				En Reposo		Empujes activos	
Prof Techo (m)	Prof. Base (m)	γ t (kN/m3)	γ d (kN/m3)	OCR	Cu (kN/m²)	Cc	Cr	Φ (°)	Φ (°) - Effec	C' (kN/m²)	C' (kN/m²) effect	Ko	Ka	Ka	Kp	Kp	Prof aplicación (m) Z	Prof de gráfica	Profundidad en radios	Factor de Influencia	Incremento por la sobrecarga cercana	Incremento por la sobrecarga total	Δσ (kPa)-subcapa	σ (kPa) - acumulado	U(kPa) Hidrostática	σ'v(kPa)	σ'h	σh	σ'h	σh
0.0	0.0	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.00	0.00	0.00	100.0%	15.00	15.00	0.0	0.0	0.0	0.0	8.9	8.9	5.8	5.8
0.00	0.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.00	0.00	0.00	100.0%	15.00	15.00	0.0	0.0	0.0	0.0	8.9	8.9	5.8	5.8
0.00	0.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.00	0.00	0.00	100.0%	15.00	15.00	0.0	0.0	0.0	0.0	8.9	8.9	5.8	5.8
0.00	0.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.00	0.00	0.00	100.0%	15.00	15.00	0.0	0.0	0.0	0.0	8.9	8.9	5.8	5.8
0.00	0.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.00	0.00	0.00	100.0%	15.00	15.00	0.0	0.0	0.0	0.0	8.9	8.9	5.8	5.8
0.00	0.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.00	0.00	0.00	100.0%	15.00	15.00	0.0	0.0	0.0	0.0	8.9	8.9	5.8	5.8
0.00	0.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.00	0.00	0.00	100.0%	15.00	15.00	0.0	0.0	0.0	0.0	8.9	8.9	5.8	5.8
0.00	0.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.00	0.00	0.00	100.0%	15.00	15.00	0.0	0.0	0.0	0.0	8.9	8.9	5.8	5.8
0.00	1.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.00	0.00	0.00	100.0%	15.00	15.00	0.0	0.0	0.0	0.0	8.9	8.9	5.8	5.8
0.00	1.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.50	0.50	0.45	97.5%	14.63	14.63	10.0	10.0	0.0	10.0	14.6	14.6	9.8	9.8
0.00	1.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	1.00	1.00	0.91	88.0%	13.20	13.20	10.0	19.9	0.0	19.9	19.6	19.6	13.4	13.4
1.00	2.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	1.00	1.00	0.91	88.0%	13.20	13.20	0.0	19.9	0.0	19.9	19.6	19.6	13.4	13.4
1.00	2.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	1.50	1.50	1.36	66.6%	9.99	9.99	10.0	29.9	4.9	24.9	20.7	25.6	14.2	19.1
1.00	2.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	2.00	2.00	1.82	43.5%	6.53	6.53	10.0	39.8	9.8	30.0	21.7	31.5	14.8	24.6
2.00	3.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	2.00	2.00	1.82	43.5%	6.53	6.53	0.0	39.8	9.8	30.0	21.7	31.5	14.8	24.6
2.00	3.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	2.50	2.50	2.27	28.8%	4.32	4.32	10.0	49.8	14.7	35.0	23.3	38.1	16.0	30.7
2.00	3.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	3.00	3.00	2.73	21.4%	3.21	3.21	10.0	59.7	19.6	40.1	25.7	45.3	17.7	37.3
3.00	3.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	3.00	3.00	2.73	21.4%	3.21	3.21	0.0	59.7	19.6	40.1	25.7	45.3	17.7	37.3
3.00	3.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	3.00	3.00	2.73	21.4%	3.21	3.21	0.0	59.7	19.6	40.1	25.7	45.3	17.7	37.3
3.00	3.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	3.00	3.00	2.73	21.4%	3.21	3.21	0.0	59.7	19.6	40.1	25.7	45.3	17.7	37.3
3.00	3.50	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	3.00	3.00	2.73	21.4%	3.21	3.21	0.0	59.7	19.6	40.1	22.8	42.5	0.0	19.6
3.00	3.50	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	3.25	3.25	2.95	19.0%	2.85	2.85	4.9	64.6	22.1	42.5	23.9	46.0	0.0	22.1
3.00	3.50	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	3.50	3.50	3.18	15.4%	2.31	2.31	4.9	69.5	24.5	45.0	24.9	49.5	0.0	24.5
3.50	3.50	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	3.50	3.50	3.18	15.4%	2.31	2.31	0.0	69.5	24.5	45.0	24.9	49.5	0.0	24.5
3.50	3.50	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	3.50	3.50	3.18	15.4%	2.31	2.31	0.0	69.5	24.5	45.0	24.9	49.5	0.0	24.5
3.50	3.50	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	3.50	3.50	3.18	15.4%	2.31	2.31	0.0	69.5	24.5	45.0	24.9	49.5	0.0	24.5
3.50	4.00	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	3.50	3.50	3.18	15.4%	2.31	2.31	0.0	69.5	24.5	45.0	24.9	49.5	0.0	24.5
3.50	4.00	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	3.75	3.75	3.41	15.9%	2.38	2.38	4.9	74.4	27.0	47.4	26.3	53.2	0.0	27.0
3.50	4.00	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	4.00	4.00	3.64	11.7%	1.76	1.76	4.9	79.3	29.4	49.9	27.2	56.7	0.0	29.4
4.00	5.00	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	4.00	4.00	3.64	11.7%	1.76	1.76	0.0	79.3	29.4	49.9	27.2	56.7	0.0	29.4
4.00	5.00	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	4.50	4.50	4.09	8.7%	1.31	1.31	9.8	89.1	34.3	54.8	29.6	63.9	0.0	34.3
4.00	5.00	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	5.00	5.00	4.55	7.4%	1.10	1.10	9.8	98.9	39.2	59.7	32.0	71.3	0.0	39.2
5.00	6.00	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	5.00	5.00	4.55	7.4%	1.10	1.10	0.0	98.9	39.2	59.7	32.0	71.3	0.0	39.2
5.00	6.00	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	5.50	5.50	5.00	6.0%	0.90	0.90	9.8	108.7	44.1	64.6	34.5	78.7	0.0	44.1
5.00	6.00	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	6.00	6.00	5.45	5.9%	0.88	0.88	9.8	118.5	49.1	69.5	37.1	86.1	0.8	49.8
6.00	7.00	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	6.00	6.00	5.45	5.9%	0.88	0.88	0.0	118.5	49.1	69.5	37.1	86.1	0.8	49.8
6.00	7.00	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	6.50	6.50	5.91	4.9%	0.74	0.74	9.8	128.3	54.0	74.3	39.6	93.6	2.5	56.4
6.00	7.00	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	7.00	7.00	6.36	4.1%	0.61	0.61	9.8	138.1	58.9	79.2	42.1	101.0	4.2	63.0
7.00	8.00	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	7.00	7.00	6.36	4.1%	0.61	0.61	0.0	138.1	58.9	79.2	42.1	101.0	4.2	63.0
7.00	8.00	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	7.50	7.50	6.82	3.5%	0.53	0.53	9.8	147.9	63.8	84.1	44.7	108.4	5.9	69.7
7.00	8.00	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	8.00	8.00	7.27	2.9%	0.44	0.44	9.8	157.7	68.7	89.0	47.2	115.9	7.6	76.3
8.00	8.00	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	8.00	8.00	7.27	2.9%	0.44	0.44	0.0	157.7	68.7	89.0	47.2	115.9	7.6	76.3
8.00	8.00	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	8.00	8.00	7.27	2.9%	0.44	0.44	0.0	157.7	68.7	89.0	47.2	115.9	7.6	76.3
8.00	8.00	19.60	0.00	1.00	70.00	0.00	0.00	28.2	28.2	20.4	20.4	0.53	0.36	1.0	2.79	1.0	8.00	8.00	7.27	2.9%	0.44	0.44	0.0	157.7	68.7	89.0	47.2	115.9	7.6	76.3

EMPUJES ACTIVOS EN CAISSONS - EDIFICIO PRINCIPAL ESTADIO DE ZIPAQUIRÁ - EXCAVACIÓN A 8.0m	
Profundidad (m)	**Empuje activo (kPa)**
0.00	5.8
0.50	9.8
1.00	13.4
1.50	19.1
2.00	24.6
2.50	30.7
3.00	37.3
3.00	37.3
3.00	37.3
3.50	24.5
3.50	24.5
3.75	27.0
4.00	29.4
5.00	39.2
6.00	49.8
7.00	63.0
8.00	76.3



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EMPUJES EN MURO PANTALLA EDIFICACIÓN PRINCIPAL

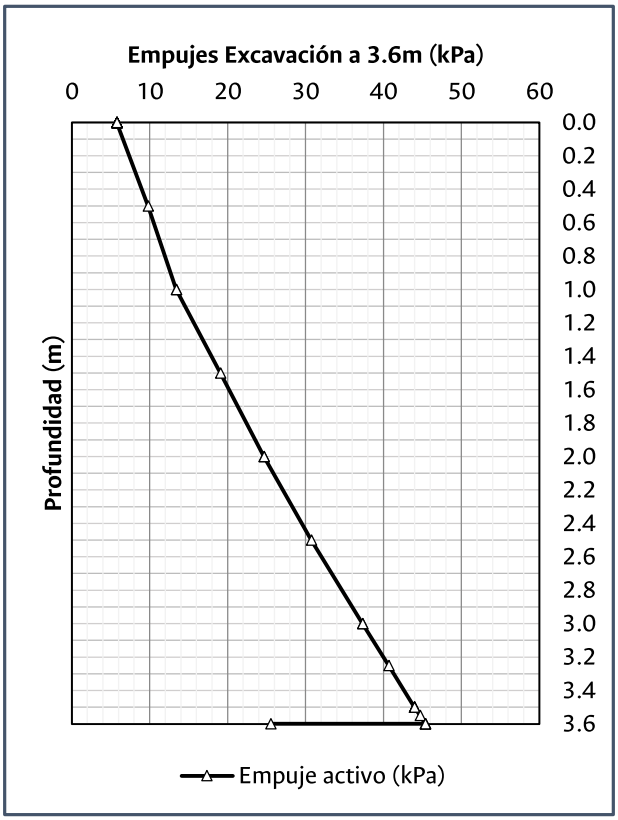
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								F.S. tan Φ 1		F.S. C' 1								Sobrecarga (kPa) 15.0					NF (m) 1.0		F.S. Drenado 1	F.S. 1 Condición drenada		
													Drenado	No drenado	Drenado	No drenado	Cálculo de incrementos de esfuerzos debidos a la sobrecarga						Calculo de estado de esfuerzos				En Reposo		Empujes activos	
Prof Techo (m)	Prof. Base (m)	γ t (kN/m3)	γ d (kN/m3)	OCR	Cu (kN/m²)	Cc	Cr	Φ (°)	Φ (°) - Effec	C' (kN/m²)	C' (kN/m²) effect	Ko	Ka	Ka	Kp	Kp	Prof aplicación (m) Z	Prof de gráfica	Profundidad en radios	Factor de Influencia	Incremento por la sobrecarga cercana	Incremento por la sobrecarga total	Δσ (kPa)-subcapa	σ (kPa) - acumulado	U(kPa) Hidrostática	σ'v(kPa)	σ'h	σh	σ'h	σh
0.0	0.0	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.00	0.00	0.00	100.0%	15.00	15.00	0.0	0.0	0.0	0.0	8.9	8.9	5.8	5.8
0.00	0.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.00	0.00	0.00	100.0%	15.00	15.00	0.0	0.0	0.0	0.0	8.9	8.9	5.8	5.8
0.00	0.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.00	0.00	0.00	100.0%	15.00	15.00	0.0	0.0	0.0	0.0	8.9	8.9	5.8	5.8
0.00	0.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.00	0.00	0.00	100.0%	15.00	15.00	0.0	0.0	0.0	0.0	8.9	8.9	5.8	5.8
0.00	0.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.00	0.00	0.00	100.0%	15.00	15.00	0.0	0.0	0.0	0.0	8.9	8.9	5.8	5.8
0.00	0.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.00	0.00	0.00	100.0%	15.00	15.00	0.0	0.0	0.0	0.0	8.9	8.9	5.8	5.8
0.00	0.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.00	0.00	0.00	100.0%	15.00	15.00	0.0	0.0	0.0	0.0	8.9	8.9	5.8	5.8
0.00	0.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.00	0.00	0.00	100.0%	15.00	15.00	0.0	0.0	0.0	0.0	8.9	8.9	5.8	5.8
0.00	1.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.00	0.00	0.00	100.0%	15.00	15.00	0.0	0.0	0.0	0.0	8.9	8.9	5.8	5.8
0.00	1.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	0.50	0.50	0.45	97.5%	14.63	14.63	10.0	10.0	0.0	10.0	14.6	14.6	9.8	9.8
0.00	1.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	1.00	1.00	0.91	88.0%	13.20	13.20	10.0	19.9	0.0	19.9	19.6	19.6	13.4	13.4
1.00	2.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	1.00	1.00	0.91	88.0%	13.20	13.20	0.0	19.9	0.0	19.9	19.6	19.6	13.4	13.4
1.00	2.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	1.50	1.50	1.36	66.6%	9.99	9.99	10.0	29.9	4.9	24.9	20.7	25.6	14.2	19.1
1.00	2.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	2.00	2.00	1.82	43.5%	6.53	6.53	10.0	39.8	9.8	30.0	21.7	31.5	14.8	24.6
2.00	3.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	2.00	2.00	1.82	43.5%	6.53	6.53	0.0	39.8	9.8	30.0	21.7	31.5	14.8	24.6
2.00	3.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	2.50	2.50	2.27	28.8%	4.32	4.32	10.0	49.8	14.7	35.0	23.3	38.1	16.0	30.7
2.00	3.00	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	3.00	3.00	2.73	21.4%	3.21	3.21	10.0	59.7	19.6	40.1	25.7	45.3	17.7	37.3
3.00	3.50	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	3.00	3.00	2.73	21.4%	3.21	3.21	0.0	59.7	19.6	40.1	25.7	45.3	17.7	37.3
3.00	3.50	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	3.25	3.25	2.95	19.0%	2.85	2.85	5.0	64.7	22.1	42.6	27.0	49.0	18.6	40.7
3.00	3.50	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	3.50	3.50	3.18	15.4%	2.31	2.31	5.0	69.7	24.5	45.1	28.1	52.7	19.4	44.0
3.50	3.50	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	3.50	3.50	3.18	15.4%	2.31	2.31	0.0	69.7	24.5	45.1	28.1	52.7	19.4	44.0
3.50	3.50	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	3.50	3.50	3.18	15.4%	2.31	2.31	0.0	69.7	24.5	45.1	28.1	52.7	19.4	44.0
3.50	3.50	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	3.50	3.50	3.18	15.4%	2.31	2.31	0.0	69.7	24.5	45.1	28.1	52.7	19.4	44.0
3.50	3.60	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	3.55	3.55	3.23	15.7%	2.36	2.36	1.0	70.6	25.0	45.6	28.5	53.5	19.7	44.7
3.50	3.60	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	3.60	3.60	3.27	15.4%	2.31	2.31	1.0	71.6	25.5	46.1	28.7	54.2	19.9	45.4
3.60	3.60	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	3.60	3.60	3.27	15.4%	2.31	2.31	0.0	71.6	25.5	46.1	28.7	54.2	19.9	45.4
3.60	3.60	19.90	0.00	1.00	66.30	0.00	0.00	24.0	24.0	0.4	0.4	0.59	0.42	1.0	2.37	1.0	3.60	3.60	3.27	15.4%	2.31	2.31	0.0	71.6	25.5	46.1	28.7	54.2	19.9	45.4

EMPUJES ACTIVOS EN MUROS PANTALLA - EDIFICIO PRINCIPAL ESTADIO DE ZIPAQUIRÁ - EXCAVACIÓN A 3.6m

Profundidad (m)	Empuje activo (kPa)
0.00	5.8
0.50	9.8
1.00	13.4
1.50	19.1
2.00	24.6
2.50	30.7
3.00	37.3
3.25	40.7
3.50	44.0
3.50	44.0
3.50	44.0
3.60	45.4
3.60	45.4



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ANEXO 7 – DISEÑO DE PAVIMENTOS Y ZONAS DURAS

"ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ CUNDINAMARCA"

CONVENIO INTERADMINISTRATIVO No. 315 DE 2020

Ing. Julio Esteban Colmenares Montañez, PhD
Ingeniero Geotecnista

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MÉTODO DE WESTERGAARD

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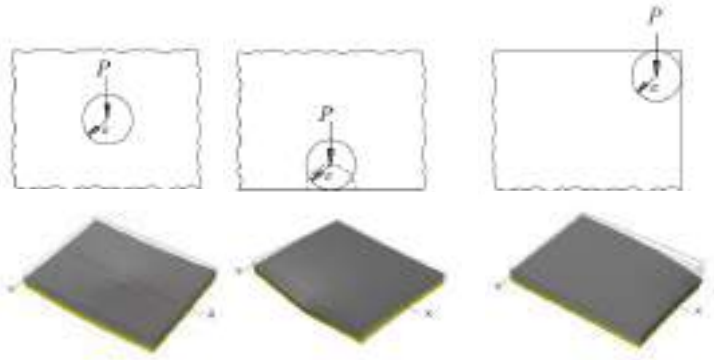
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Diseño de Losas en Concreto Hidráulico - Método Westergaard

Proyecto Construcción de la segunda fase del estadio municipal Héctor "El Zipa" González
Tramo Canchas deportivas
Fecha Marzo/19/2021

Datos Iniciales				
Po [kg/m^2]	1000		**CBR $_{SBG}$ [%]**	20
P_{MAY} [kg/m^2]	1050		**h $_{SBG}$ [cm]**	20
F'c [PSI]	3000		**k $_{SBG}$ [kg/cm^3]**	7
F'c [kg/cm^2]	210,9		**CBR $_{SBR}$ [%]**	5
Ec [kg/cm^2]	219299		**k $_{SBR}$ [kg/cm^3]**	3,45
Mr [kg/cm^2]	38,5		**k $_{COMB}$ [kg/cm^3]**	4,8
Mr_{RED} [kg/cm^2]	37,7		**a [m]**	0,6
υ	0,15			



N	Espesor de losa (h) [cm]	L [cm]	B [cm]	σc [kg/cm^2]	σb [kg/cm^2]	σe [kg/cm^2]	Criterio cumplimiento		
							σc	σb	σe
1	*5,00*	26,42	1,67	96,65	138,99	109,99	No Cumple	No Cumple	No Cumple
2	*6,00*	30,29	2,00	69,21	98,92	77,26	No Cumple	No Cumple	No Cumple
3	*7,00*	34,00	2,33	52,14	74,16	57,26	No Cumple	No Cumple	No Cumple
4	*8,00*	37,58	2,67	40,78	57,77	44,16	No Cumple	No Cumple	No Cumple
5	*9,00*	41,05	3,00	32,82	46,33	35,10	Cumple	No Cumple	Cumple
6	*10,00*	44,42	3,33	27,02	38,03	28,57	Cumple	No Cumple	Cumple
7	*11,00*	47,72	3,67	22,65	31,80	23,71	Cumple	Cumple	Cumple
8	*12,00*	50,93	4,00	19,28	27,01	20,00	Cumple	Cumple	Cumple
9	*13,00*	54,09	4,33	16,63	23,24	17,10	Cumple	Cumple	Cumple
10	*14,00*	57,18	4,67	14,49	20,22	14,79	Cumple	Cumple	Cumple
12	*15,00*	60,21	5,00	12,75	17,76	12,91	Cumple	Cumple	Cumple

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Diseño Pavimentos (Modificado Artículado) - Método AASHTO 1993 - Modificado Artículado

Proyecto Construcción de la segunda fase del estadio municipal Héctor "El Zipa" González
Tramo Andénes y Senderos
Fecha Marzo/19/2021

DATOS DE ENTRADA	
1. Características de los Materiales	**Datos**
Modulo resiliente de la Carpeta asfáltica [ksi]	41,25
Modulo resiliente de sub-base granular [ksi]	17,07
2. Características de los Materiales	**Datos**
Numero de ejes equivalentes total (w18)	2,50E+04
Factor de confiabilidad (R) [%]	50%
Desviación Estandar (Zr)	0,45
CBR subrasante [%]	5,00
Modulo resiliente de subrasante (Mr) [ksi]	7,50
Serviciabilidad Inicial (pi)	4,00
Serviciabilidad Final (pt)	1,50
Periodo de diseño [Años]	10,00
3. Datos para estructuración del refuerzo	**Datos**
Coeficientes estructurales de capa	
Concreto asfáltico (a1)	0,40
Sub-base granular (a3)	0,11
Coeficientes de drenaje de capa	
Sub-base	0,90

DATOS DE SALIDA	
Numero Estructural Requerido Total (SN_{Req})	1,9
Numero Estructural Carpeta Asfáltica (SN_{CA})	1,25
Numero Estructural Sub-base (SN_{SBG})	0,65

ESTRUCTURA DE PAVIMENTO PROPUESTA

Capa de estructura	*Espesor*		
	Teórico	*Redondeado*	*Propuesto*
Adoquín + Arena de soporte + Arena de sello [cm]	7,94	8,00	10,00
Sub - base granular [cm]	16,68	17,00	17,00
Total [cm]	24,61	25,00	27,00

Departamento de Ingeniería Civil y Agrícola
Facultad de Ingeniería
Sede Bogotá

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MÉTODO DE DISEÑO RACIONAL DE PAVIMENTOS

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57 (1) 3165513 PBX 3165000 Ext. 13301/02/27
insei_bog@unal.edu.co
Bogotá, D. C., Colombia

Proyecto cultural y colectivo de nación

Departamento de Ingeniería Civil y Agrícola
Facultad de Ingeniería
Sede Bogotá

UNIVERSIDAD NACIONAL DE COLOMBIA

Diseño Pavimentos Rígidos - Método de diseño Racional de Pavimentos

Proyecto Construcción de la segunda fase del estadio municipal Héctor "El Zipa" González
Tramo Parqueaderos
Fecha Marzo/19/2021

DATOS DE ENTRADA

Tráfico	
VP	20
Tasa de Crecimiento	4,50%
Periodo de diseño [años]	20
N	2,29E+05

Software DEPAV	
a [cm]	10,8
q [kg/cm^2]	5,6
d [cm]	37,5

PARAMETROS DE CÁLCULO - VALORES DE ADMISIBILIDAD

Subrasante	
E [kg/cm^2]	527,3
Poisson	0,35
CAM	0,80
NE	1,83E+05
$\varepsilon_{z\ adm}$	**1,086E-03**

Subbase	
E [kg/cm^2]	1200
Poisson	0,35
CAM	0,70
NE	1,60E+05
$\varepsilon_{z\ adm}$	**1,303E-03**

Concreto Hidráulico	
E [kg/cm^2]	240000
Poisson	0,25
CAM	0,50
b	-0,10
NE	1,15E+05
σ_6 [kg/cm^2]	8,70
Prob. falla (Pf)	30%
u	-0,52
b	-0,10
σN	1,00
σH [cm]	3,00
c (Cte)	0,02
δ	1,17
Kr	0,87
K_d	1,00
K_c	1,50
K_s	0,83
$\sigma_{T\ adm}$ [kg/cm^2]	**1,173E+01**

ESTRUCTURA DE PAVIMENTO PROPUESTA

Capa de estructura	Espesor [cm]	Vr. Admis.	Vr. Depav	Comprobación
Concreto Hidráulico	20,00	1,173E+01	1,173E+01	Cumple
Sub-base	20,00	1,303E-03	6,270E-05	Cumple
Subrasante		1,086E-03	1,270E-04	Cumple

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Facultad de Ingeniería
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UNIVERSIDAD NACIONAL DE COLOMBIA

ANEXO 8

"ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ CUNDINAMARCA"

CONVENIO INTERADMINISTRATIVO No. 315 DE 2020

Ing. Julio Esteban Colmenares Montañez, PhD
Ingeniero Geotecnista

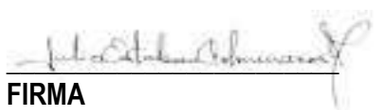
Zipaquirá, 29/mar/2021

Señores
Ministerio del Deporte
Bogotá D.C.

Asunto: Certificación de Diseño

Certifico que he realizado el Estudio de Suelos para el Proyecto CONSTRUCCIÓN DE LA 2 ETAPA DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ DEL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA, a construirse en el Municipio de ZIPAQUIRÁ, Departamento de CUNDINAMARCA, de acuerdo con los requisitos técnicos vigentes, establecidos en la normatividad colombiana NSR-10 cuyos resultados se encuentran consignados en el informe del Estudio de Suelos, que anexo debidamente firmado.

Para los fines pertinentes, anexo copia de mi Tarjeta o Matrícula Profesional y certificado de vigencia de la misma y copia de la cédula de ciudadanía.



FIRMA
Ing. Julio Esteban Colmenares Montañez PhD
Título: Ingeniero Civil – Magister en Geotecnia – Master of Science - Profesor Titular Universidad Nacional
M.P. 25202-34402 CND
C.C. No. 79.365.032 de Bogotá D.C.


REPUBLICA DE COLOMBIA
IDENTIFICACION PERSONAL
CEDULA DE CIUDADANIA
NUMERO 79.365.032
COLMENARES MONTAÑEZ
APELLIDOS
JULIO ESTEBAN
NOMBRES
FIRMA


FECHA DE NACIMIENTO 17-NOV-1965
SOGAMOSO
(BOYACA)
LUGAR DE NACIMIENTO
1.71
ESTATURA
A+
G.S. RH
M
SEXO
06-DIC-1983 BOGOTA D.C.
FECHA Y LUGAR DE EXPEDICION
REGISTRADOR NACIONAL
INDICE DERECHO
A-1500100-00001321-M-0079365032-20080321
0000034934A 1
6180002078



REPUBLICA DE COLOMBIA

CONSEJO PROFESIONAL NACIONAL DE INGENIERIA

COPNIA

MATRICULA PROFESIONAL No.

2520234402CND

INGENIERO CIVIL

DE FECHA 15/02/1990

JULIO ESTEBAN
COLMENARES MONTAÑEZ
C.C. 79365032
UNIVERSIDAD NACIONAL DE
COLOMBIA

PRESIDENTE DEL CONSEJO

LA REPUBLICA DE COLOMBIA
MINISTERIO DE EDUCACION NACIONAL

Y EN SU NOMBRE

LA UNIVERSIDAD NACIONAL DE COLOMBIA

CONFIERE EL TITULO DE

Ingeniero Civil

A

Julio Esteban Colmenares Montañez

C.C. No. 79.366.032 EXPEDIDA EN Bogotá, D.E.

QUIEN CUMPLIO SATISFACTORIAMENTE LOS REQUISITOS ACADEMICOS EXIGIDOS.

EN TESTIMONIO DE ELLO OTORGA EL PRESENTE

DIPLOMA

EN LA CIUDAD DE Bogotá, Septiembre 29 DE 1989

DECANO DE LA FACULTAD

RECTOR DE LA UNIVERSIDAD

MINISTRO DE EDUCACION

SECRETARIO DE LA FACULTAD

SECRETARIO GENERAL DE LA UNIVERSIDAD

SECRETARIO DEL MINISTERIO

República de Colombia y Distrito Especial de Santa Fe de Bogotá D.C. Hago constar que esta fotocopia coincide con su original. 25 MAY 1992 Notaría Cincuenta y Uno Dr. Jesús E. Pérez González-Rubio Santa Fe de Bogotá D.C.

0025260

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Bogotá, 10 octubre 1989

LA UNIVERSIDAD NACIONAL DE COLOMBIA

FACULTAD DE

Ingeniería

TENIENDO EN CUENTA QUE

Julio Esteban Colmenares Montañez

cc. 79.365.032 Bogotá

CUMPLIO SATISFACTORIAMENTE
TODOS LOS REQUISITOS REGLAMENTARIOS DEL PROGRAMA
DE ESTUDIOS PARA GRADUADOS LE CONFIERE EL TITULO DE

Magister en Geotecnia

EN LA CIUDAD DE Bogotá, A Julio 20 DE 1996

RECTOR DE LA UNIVERSIDAD

DECANO DE LA FACULTAD

SECRETARIO GENERAL DE LA UNIVERSIDAD

SECRETARIO DE LA FACULTAD

0005291

UNIVERSITY OF LONDON

Imperial College of Science, Technology and Medicine

Julio Esteban Colmenares Montanez

having completed the approved course of study and passed the examinations has this day been admitted by Imperial College of Science, Technology and Medicine to the University of London Degree of

MASTER OF SCIENCE

in Soil Mechanics and Environmental Geotechnics

Rector, Imperial College of Science, Technology and Medicine

Vice-Chancellor

1 November 1997

CONSULADO GENERAL DE COLOMBIA
LONDRES

APOSTILLE

(Hague Convention of 5 October 1961 / Convention de La Haye du 5 octobre 1961)

1. Country: United Kingdom of Great Britain and Northern Ireland
Pays: Royaume-Uni de Grande-Bretagne et d'Irlande du Nord

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2. Has been signed by **A Weir**
a été signé par

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agissant en qualité de

4. Bears the seal/stamp of
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Certified/Attesté

5. at London/à Londres 6. the/le **23 March 2001**

7. by Her Majesty's Principal Secretary of State for Foreign and Commonwealth Affairs /
par le Secrétaire d'Etat Principal de Sa Majesté aux Affaires Etrangères et du Commonwealth.

8. Number/sous No **G875756**

9. Stamp:
timbre:

FOREIGN AND COMMONWEALTH OFFICE
LONDON

10. Signature: J. M. A. Mason

For the Secretary of State / Pour le Secrétaire d'Etat

CONSULADO GENERAL DE COLOMBIA
LONDRES

I have no reason to doubt
the authenticity of this document

Andrew **Weir**
Solicitor
7 Dacre **Street**
Broadway, **Westminster**
London **SW1H 0DJ**

197534

UNIVERSITY OF LONDON

Imperial College of Science, Technology and Medicine

Julio Esteban Colmenares Montanez

having completed the approved course of study and passed the examinations has this day been admitted by Imperial College of Science, Technology and Medicine to the University of London Degree of

DOCTOR OF PHILOSOPHY

Rector, Imperial College of Science, Technology and Medicine

Vice-Chancellor

31 August 2002

I have no reason to doubt the authenticity of this document

Melanie Cheng
Solicitor

Creighton & Partners
[illegible] Scotland Yard
[illegible]
Tel: [illegible]
Fax: 020 7839 2711

APOSTILLE
(Hague Convention of 5 October 1961 / Convention de La Haye du 5 octobre 1961)

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   Pays: Royaume-Uni de Grande-Bretagne et d'Irlande du Nord

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2. Has been signed by / a été signé par: **Melanie Cheng**

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4. Bears the seal/stamp of / est revêtu du sceau/timbre de

5. at London/à Londres

   Certified/Attesté
6. the/le **24 September 2002**

7. by Her Majesty's Principal Secretary of State for Foreign and Commonwealth Affairs / par le Secrétaire d'Etat Principal de Sa Majesté aux Affaires Etrangères et du Commonwealth

8. Number/sous No **G027644**

9. Stamp: / timbre:

10. Signature: **J. Garbrah**

For the Secretary of State / Pour le Secrétaire d'Etat

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REPÚBLICA DE COLOMBIA
COPNIA
Consejo Profesional Nacional de Ingeniería

Certificado de vigencia y antecedentes disciplinarios
CVAD-2021-659583

CONSEJO PROFESIONAL NACIONAL DE INGENIERÍA
COPNIA

EL DIRECTOR GENERAL

CERTIFICA:

1. Que JULIO ESTEBAN COLMENARES MONTAÑEZ, identificado(a) con CEDULA DE CIUDADANIA 79365032, se encuentra inscrito(a) en el Registro Profesional Nacional que lleva esta entidad, en la profesión de INGENIERIA CIVIL con MATRICULA PROFESIONAL 25202-34402 desde el 15 de Febrero de 1990, otorgado(a) mediante Resolución Nacional 8.

2. Que el(la) MATRICULA PROFESIONAL es la autorización que expide el Estado para que el titular ejerza su profesión en todo el territorio de la República de Colombia, de conformidad con lo dispuesto en la Ley 842 de 2003.

3. Que el(la) referido(a) MATRICULA PROFESIONAL se encuentra **VIGENTE**

4. Que el profesional no tiene antecedentes disciplinarios ético-profesionales.

5. Que la presente certificación se expide en Bogotá, D.C., a los dieciseis (16) días del mes de Marzo del año dos mil veintiuno (2021).



Rubén Dario Ochoa Arbeláez

_____
Firmal del titular (*)

(*)Con el fin de verificar que el titular autoriza su participación en procesos estatales de selección de contratistas. La falta de firma del titular no invalida el Certificado
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Facultad de Ingeniería
Sede Bogotá

UNIVERSIDAD NACIONAL DE COLOMBIA

UNIVERSIDAD NACIONAL DE COLOMBIA

CONTRATO INTERADMINISTRATIVO DE CONSULTORIA 315 DE 2020

CONSTRUCCIÓN DE LA 2 ETAPA DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ DEL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA

DENTRO DEL MARCO DEL CONTRATO DE CONSULTORÍA:

"ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ CUNDINAMARCA"

DISEÑO ARQUITECTÓNICO
ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ
COMPONENTE: ARQUITECTÓNICO

Zipaquirá, Marzo de 2021

Av. Carrera 30 No.45-03 Ciudad Universitaria
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Departamento de Ingeniería Civil y Agrícola
Facultad de Ingeniería
Sede Bogotá

UNIVERSIDAD NACIONAL DE COLOMBIA

UNIVERSIDAD NACIONAL DE COLOMBIA	FACULTAD DE INGENIERÍA

"ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ CUNDINAMARCA"

CONTRATO INTERADMINISTRATIVO DE CONSULTORIA 315 DE 2020

DISEÑO ARQUITECTÓNICO
ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ
COMPONENTE: ARQUITECTÓNICO

NOMBRE	CARGO	FIRMA
ING. MAURICIO ALBERTO TAPIAS CAMACHO	Director General	
ING. FIDEL ALONSO OVALLES CAMARGO	Director Técnico	
ING. DIEGO PEÑARANDA TORRES	Ingeniero Coordinador	
ARQ. EDGAR RUBIO	Arquitectura	

_____ **APROBACIÓN:** **Supervisor Contrato**	**DISTRIBUCIÓN:**
	Un original: Instituto Municipal de Cultura, Recreación y Deporte de Zipaquirá – Secretaría de Obras Públicas Supervisión del Contrato
FECHA DE APROBACIÓN (IMCRDZ): _____ (DD/MM/AAAA)	Un original: Universidad Nacional de Colombia, archivo Contrato 315 de 2020
	Una copia: Universidad Nacional de Colombia, Facultad de Ingeniería

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2 DESCRIPCIÓN DEL PROYECTO 8
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1 INTRODUCCIÓN

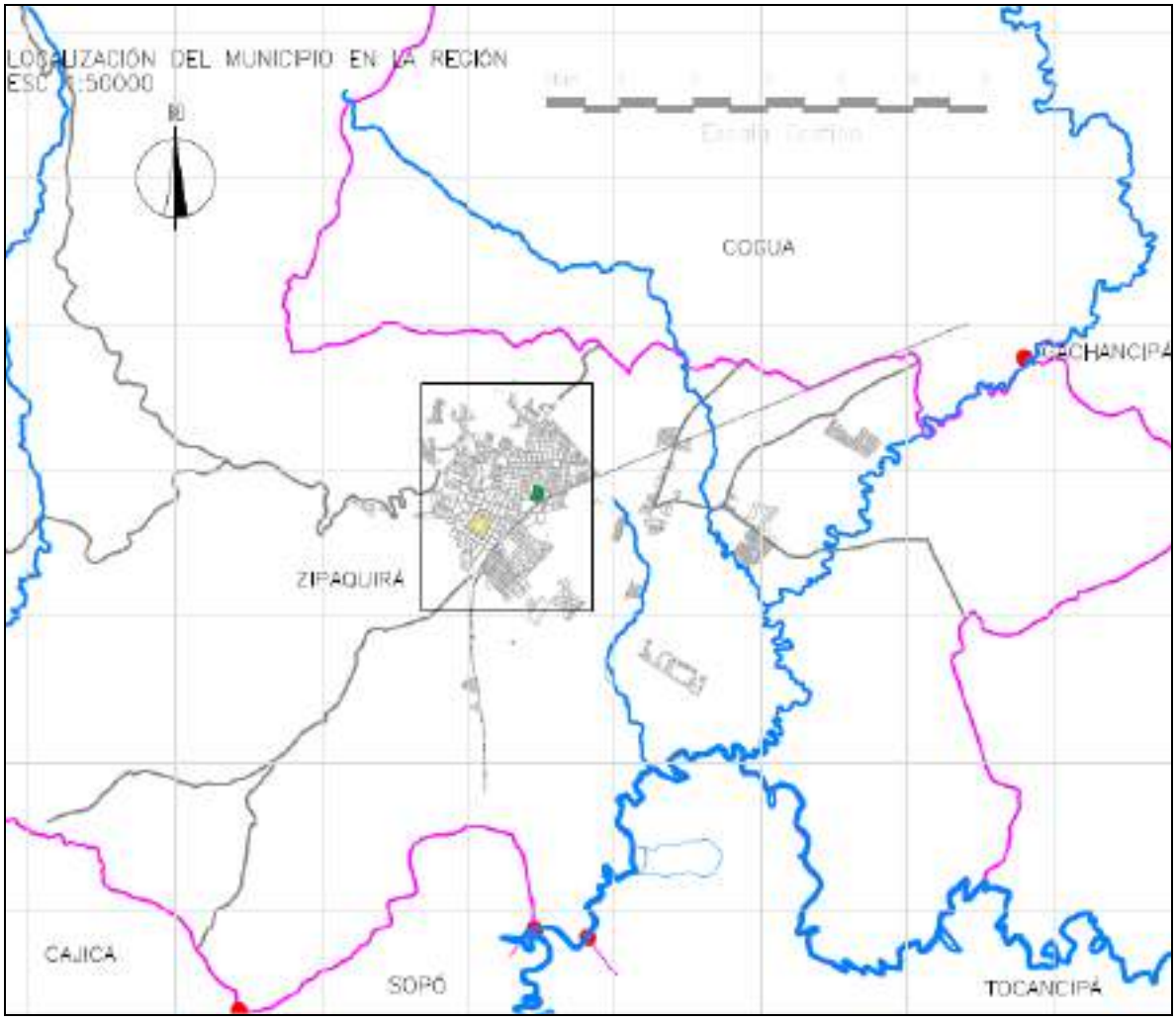
En el marco del Contrato Interadministrativo No. 315 de 2020 que tiene por objeto realizar los estudios y diseños para la construcción de la segunda fase del estadio municipal Héctor "El Zipa" González en el municipio de Zipaquirá, Cundinamarca, se realiza el primer informe de actividades competentes al equipo arquitectónico.

Dentro del presente, se relacionan los planteamientos establecidos para las diferentes zonas propuestas, así como los posibles requerimientos a tener en cuenta conforme avanza el proceso de diseño.

Adicionalmente se incorporan los avances desde la presentación inicial del proyecto y su evolución a la fecha de elaboración de este documento.

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DESCRIPCIÓN FÍSICA:



EXTENSIÓN:

Zipaquirá posee una extensión aproximada de 197 kilómetros cuadrados así: 8 kilómetros cuadrados de la zona urbana y 189 kilómetros cuadrados de la zona rural.

ALTURA SOBRE EL NIVEL DEL MAR:

La altitud del casco urbano del municipio de Zipaquirá sobre el nivel del mar es de 2.650 metros.

CLIMA: Zipaquirá tiene una temperatura media de 14º centígrados. En los meses de sequía y verano sube a 16º centígrados y se han registrado excepcionalmente olas transitorias de calor hasta de 20º centígrados.

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RELIEVE:

Topográficamente esta sección territorial está dividida en dos regiones bien definidas:

1.- Región plana situada al oriente, rica en pastos aprovechados para la ganadería.

2.- Región montañosa situada al occidente, (rica en minerales) entre la que se destacan entre otras las siguientes alturas:

a.- El cerro del Zipa bajo el cual se encuentra la mina y su monumental templo subterráneo de sal, el Páramo de Guerrero rico en yacimientos de carbón, la serranía de Ventalarga con Pantano Redondo

b.- El cerro del Calzón.

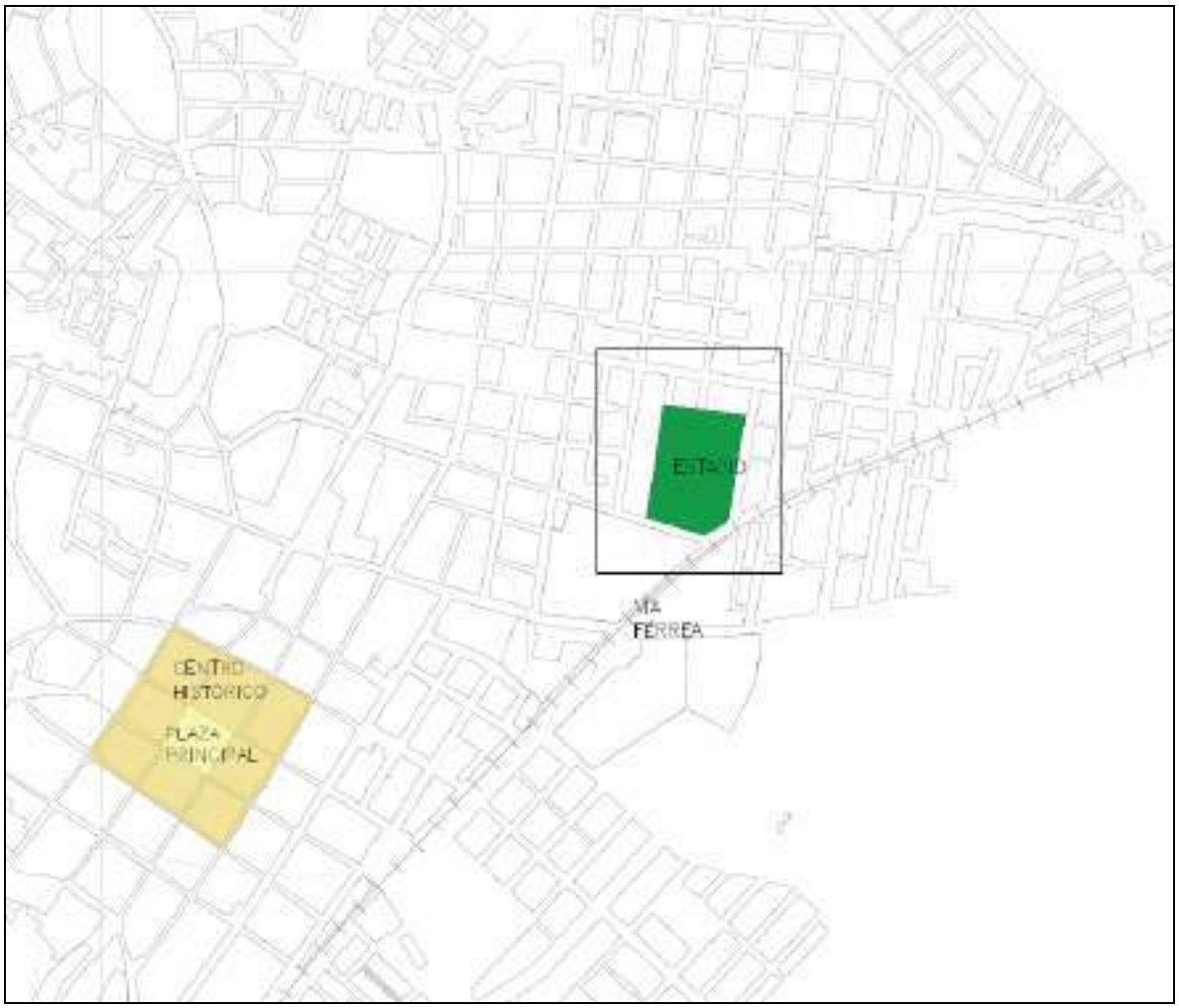
Extensión total: 197 Km2

Extensión área rural: 189 Km2

Temperatura media: 14º C[1]

[1] Tomado de: http://www.zipaquira-cundinamarca.gov.co/municipio/nuestro-municipio

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Bogotá, D. C., Colombia



1.1.1.1.1 Consulta de Normas

1.1.1.1.1.1 Normas aplicables

Como parte de las labores de acopio de información de carácter normativo se determinó que la normativa urbana que rige el predio objeto de diseño es el POT de Zipaquirá, Acuerdo 12 del 2013, identificado como DOTACIONAL por el artículo 73 del mismo acuerdo.

Las normas urbanísticas generales que según la Ficha NUG U10-3 Tratamiento de consolidación SN 3 para proyectos institucionales son las siguientes.

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INDICE MAXIMO DE OCUPACION 0.7

INDICE MAXIMO DE CONSTRUCCION 2.1

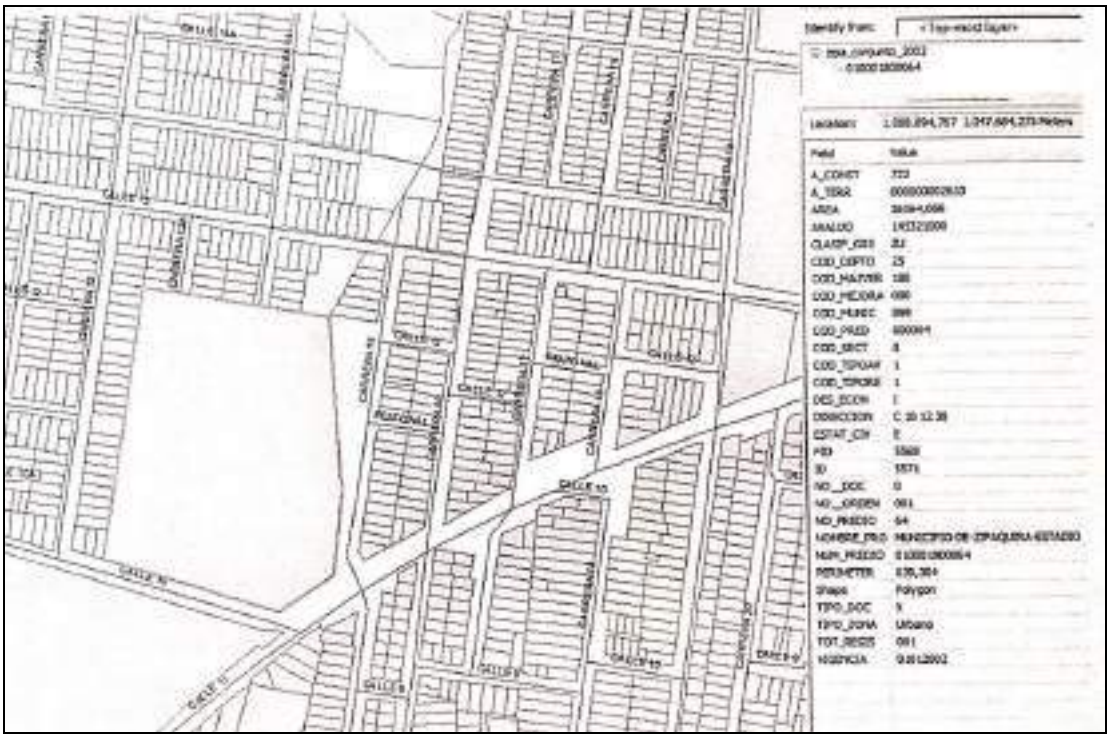
ANTEJARDIN, RETROCESO 2ml.

AISLAMIENTO LATERAL NO APLICA

AISLAMIENTO POSTERIOR 2ml.

VOLADIZO 0.60m

NUMERO DE PISOS 3.



1.1.1.1.1.2 Normas adicionales, protocolo de presentación de planos

El proyecto arquitectónico y paisajístico se concibe a nivel de producción y teniendo como insumo de diseño herramientas basadas en modelos BIM (Building Information Model), una forma de trabajo reglamentada en la ISO 19650-2 del 2018, en la que se define BIM como el uso de una representación digital compartida (modelo de

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informacion) de un activo construido para facilitar los procesos de diseño, construcción y operación y así proporcionar una base confiable para la toma de decisiones.

Dentro de los objetivos de la correcta aplicación de dichas herramientas se destaca:

Definición clara de la información necesaria para el cliente o gestor activo, así como los métodos, procesos, plazos y protocolos de desarrollo y verificación de esta información.

La información desarrollada es suficiente para satisfacer las necesidades definidas.

Transferencias eficientes y efectivas de información entre los diferentes agentes que participan en cada parte del ciclo de vida del activo, especialmente entre la fase de desarrollo y la de operación.

Así mismo y como se menciona en la Resolución 0441 del 01 de septiembre de 2020, “Por la cual se fijan los lineamientos para los curadores urbanos y las autoridades municipales o distritales competentes, encargadas del estudio, trámite y expedición de licencias urbanísticas, participantes o interesadas en participar en el plan piloto para la expedición de licencias de construcción en la modalidad de obra nueva a través de medios electrónicos” … “que en virtud de lo anteriormente mencionado se ha identificado BIM como una metodología de trabajo colaborativa del sector de la construcción que por medio de la adopción de tecnologías tiene el potencial de generar ahorros significativos en costos y plazos de ejecución para el aumento de la productividad en el sector.”

El desarrollo del proyecto se utilizo usando un flujo de trabajo mixto, realizando un proceso de interoperabilidad entre software CAD (AutoCAD y BricsCAD) y herramientas BIM (Allplan, Revit, CYPE).

Para cumplir con los alcances necesarios para la correcta comunicación entre las diferentes herramientas, se requiere como punto de partida establecer el sistema de coordenadas UTM bajo el cual se desarrollará el proyecto (MAGNA SIRGAS), siendo el insumo principal el levantamiento topográfico, y así poder establecer el norte de cada uno de los subproyectos que hacen parte del mismo. Al tener el punto de reconocimiento establecido, todos los modelos BIM quedaran posicionados con el norte y coordenadas reales y a su vez se utiliza nuevamente el archivo topográfico para el modelo de terreno digital existente para poder establecer el comparativo entre las diferentes fases y calcular de una forma mas eficiente y certera los movimientos de tierra a los que de lugar la construcción del proyecto.

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2 DESCRIPCIÓN DEL PROYECTO

Previo a la generación de la intervención se realizó un análisis de las condiciones actuales del predio. Teniendo 3 necesidades principales, como es la incorporación de las oficinas del IMCRDZ, la construcción de unas graderías adicionales, y la adición de los 2 carriles faltantes de la pista atlética. Se evidencio la necesidad de modificar la propuesta que existía para la segunda etapa, ya que, al haber sido planteada antes de la existencia de la NSR10, no cumplía con múltiples requerimientos de la misma y a su vez, esta propuesta no incorporaba gran parte del contenido objeto del presente diseño.



Area existente (naranja) vs area de intervencion (magenta).

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Las graderías occidentales existentes no tienen ninguna condición de seguridad para ser utilizadas en los eventos deportivos, además de presentar múltiples deformaciones producidas por asentamientos, deficiencias constructivas y falta de mantenimiento.

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Dentro de los requerimientos objeto de la presente intervención se encuentra la incorporación de 2 carriles adicionales a la pista, así como un carril de calentamiento, para tal fin se hace necesario intervenir sobre el cerramiento existente, que a partir de la esquina sur-oriental y siguiendo su recorrido hacia el norte hasta los predios vecinos es un muro que aparte de servir de cerramiento, contiene el terreno, lo que ha hecho se deteriore en gran medida presentando algunas patologías visibles que pudiesen poner en riesgo su integridad estructural.

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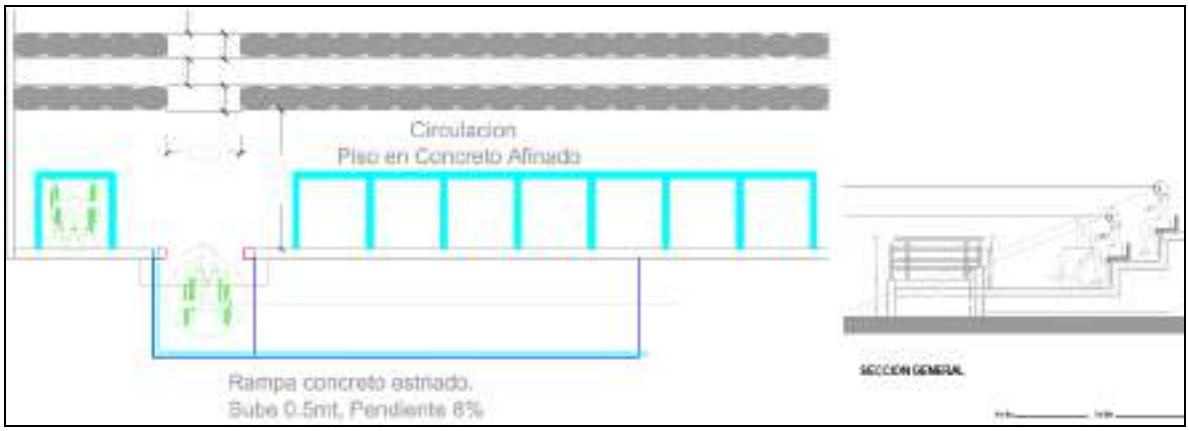
Del mismo modo, la intervención sobre el cerramiento también incorpora relacionar a los vecinos de una forma más cercana y amable con el inmueble, y a su vez suplir una falencia de puestos de parqueo al interior del complejo deportivo, todo lo anterior como parte del cumplimiento de los objetivos del proyecto como se plantean en la MGA:

"Objetivos específicos del proyecto.

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- Objetivo Específico N. 01: Aumentar la disponibilidad de tiempo de los espacios para el desarrollo de actividades físicas
- Objetivo Específico N. 02: Incentivar la práctica deportiva en el municipio.
- Objetivo Específico N.03: La identificación y participación de nuevos talentos deportivos que beneficien a niños, niñas jóvenes y adolescentes a que vean el deporte como mecanismo de desarrollo y proyecto de vida.
- Objetivo específico N.4: Beneficiar a la comunidad en el desarrollo de actividades físicas y sociales construyendo hábitos de vida y estilos de vida saludables resaltando en la comunidad la salud mental y por ende ayudar a prevenir enfermedades crónicas no transmisibles.
- Objetivo específico N.5. Se garantizará el acceso gratuito a la práctica deportiva, recreativa y de actividad física en la población del sector teniendo en cuenta los servicios ofertados por el IMCRDZ.
- Objetivo específico N.6: Garantizar a la comunidad procesos de iniciación, formación y consolidación deportiva con base a metodologías encaminadas y articuladas a las disposiciones del deporte mundial."

Actualmente el estadio se encuentra en funcionamiento, al terminar la intervencion propuesta donde se incorporan las actividades queda listo en su totalidad para su operacion y funcionalidad. El proyecto se desarrolla en diferentes canchas y edificios aislados, lo que permitiria construirse por etapas, sin embargo el diseño se genero contemplando las necesidades en su totalidad, no en un desarrollo por etapas. La unica intervencion sobre la edificacion existente que se encuentra ubicada al oriente, es decir, las graderias orientales ocurre al estar diseñadas previo a la NSR10 y las normativas asociadas, por tanto no incluye puestos para personas en condicion de discapacidad, por lo que la unica intervencion al proyecto existente es la incorporacion de una rampa con pendiente de 8% para acceder a las mismas y la incorporacion de puestos adicionales para dichos usuarios y sus acompañantes.



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El proyecto fue desglosado en 2 componentes principales, el primero corresponde al manejo de espacios exteriores, que engloban tanto el diseño urbano, las intervenciones paisajísticas, así como el tratamiento del cerramiento con el contexto, y el segundo componente que es el desarrollo arquitectónico de los volúmenes de construcción que albergan las diferentes funciones que a lo largo del estudio del predio y los requerimientos presentados por parte del IMCRDZ desde la mirada funcional de las instalaciones deportivas y el programa arquitectónico de las oficinas, a su vez incorporando la parte normativa, el análisis del funcionamiento de proyectos similares tanto a nivel nacional como internacional, fueron punto de partida fundamental para dar forma al modelo de programa arquitectónico bajo el cual se desarrollo el conjunto como se dispone en los presentes diseños.

Dentro de la parte arquitectónica, desde su concepción, se plantean 3 edificaciones que conforman el complejo, junto con una serie de espacios deportivos que complementan sus funciones.

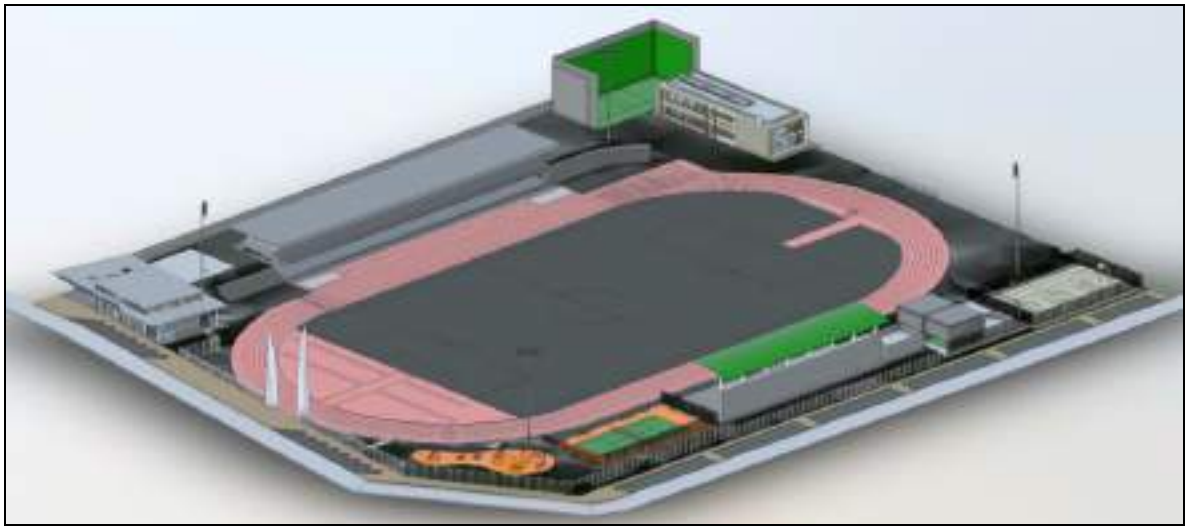


Ilustración 1. Propuesta inicial de distribución espacial del proyecto.

Dentro del componente Urbanístico y paisajístico, se plantea la necesidad principal de revitalizar el contacto con los predios vecinos, dicha propuesta se justifica, ya que en la actualidad el cerramiento es un muro vertical de aproximadamente 3 metros de altura, que a su vez funciona como una contención de terreno, presentando gran cantidad de patologías a nivel constructivo y a nivel urbano genera un limite marcado entre el barrio y el estadio, además, al no tener mayor control (seguridad, iluminación, entre otros factores) se convierte en un punto de deterioro del sector predominantemente residencial que colinda con el predio.

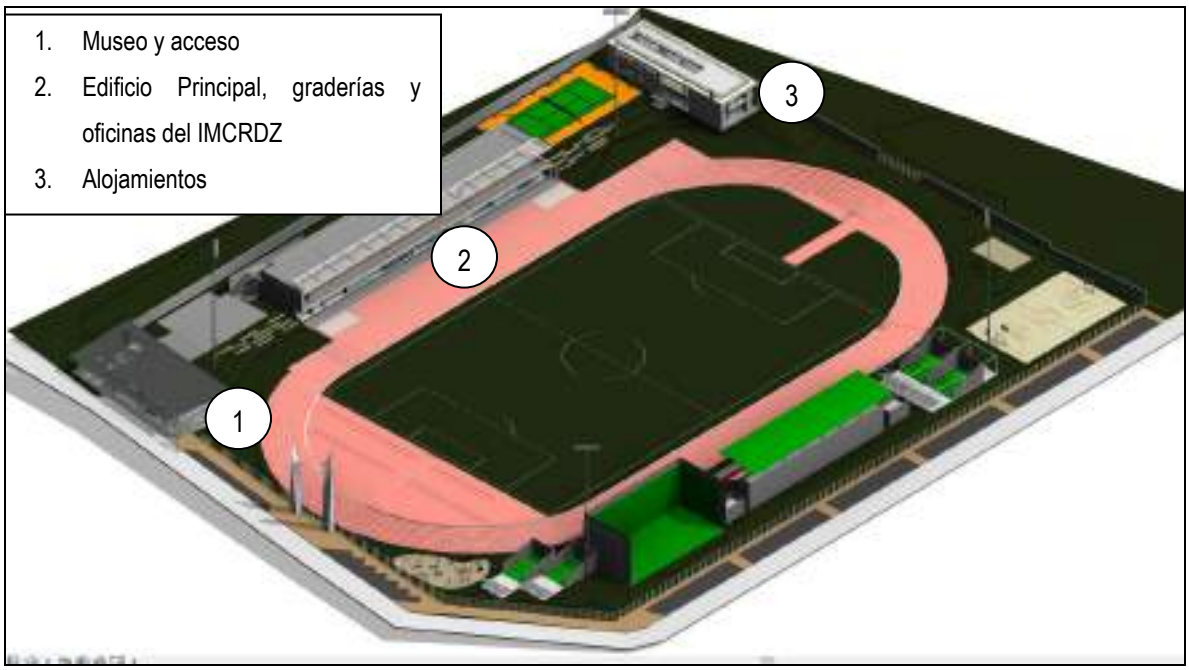
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Los volúmenes arquitectónicos planteados corresponden a:

1. Acceso, taquilla y museo del deporte.
2. Edificio Principal, servicios deportivos y oficinas del Instituto Municipal de Cultura, Recreación y Deportes de Zipaquirá.
3. Alojamientos para deportistas de alto rendimiento.

Conforme a la información recopilada en el análisis normativo y una vez cotejadas las condiciones físicas y reales del predio, se han realizado múltiples ajustes con relación a la localización exacta y geo referenciadas de cada una de las instalaciones que hacen parte del proyecto, siendo necesarios estos cambios para adecuarse especialmente a la normativa vigente a nivel urbano.

De esta manera a la fecha se tiene un planteamiento definitivo en cuanto a la ubicación de los volúmenes arquitectónicos anteriormente descritos.



Entre los elementos tanto requeridos como sugeridos para el planteamiento urbano, hacen parte del complejo deportivo los siguientes escenarios.

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a. Cancha de tenis, para competencia
b. Cancha múltiple, ocupación para futbol de salón, voleibol y básquetbol, practica recreativa
c. 2 canchas de squash, para juegos de dobles, para competencia
d. 2 canchas de squash, para juegos sencillos, para competencia
e. Cancha de Frontón, practica recreativa
f. Gimnasio exterior multifuerza para practica libre / recreativa.
g. Gimnasio exterior de Calistenia para practica libre / recreativa.
h. 2 muros de escalada uso recreativo.
i. Cancha cubierta de tenis de mesa recreativa
j. Zona de lucha o karate cubierta, practica libre, recreativa



CUADRO DE ÁREAS (m2)

EL ÁREA DE INTERVENCIÓN REFERENCIADA EN ESTE PLANO, CORRESPONDE A LA DEFINIDA POR EL INSTITUTO MUNICIPAL DE CULTURA RECREACIÓN Y DEPORTE DE ZIPAQUIRÁ COMO ÁREA PARA IMPLEMENTAR LOS ESTUDIOS Y DISEÑOS QUE SE DEFINIRÁN MEDIANTE EL CONTRATO 315-2020 CON OBJETO **ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA.**

USOS EXISTENTES			EDIFICIO	PLANTA ACCESO	PISO 02	AREA CONSTRUIDA	AREA CUBIERTA	INDICES	
CAMPO DE FUTBOL	8000		MURO	361.740	0	361.740	691.987	OCUPACION	0.0979
PISTA DE ATLETISMO	4000		TIPO PIPE	2870	1143.858	2014.858	1693.858	CONSTRUCCION	0.3112
ZONA DE CALENTAMIENTO	2120		MOJAMIENTO	454.358	454.358	908.716	693.358		
GRADERIAS	6400		CANCHA CUBIERTA	333.600	0	333.600	333.600		
AREA LIBRE	10079		EDIFICACIONES EXISTENTES						
	29979		GRADERIAS EXISTENTES	735.350	0	735.350			
AREA TOTAL DE INTERVENCION			TOTAL CONSTRUIDO	2956.884	1598.216	4555.3			

Los componentes anteriormente descritos fueron orientados de manera que en ninguna situación sobrepasaran los 10º con respecto al norte geográfico, de igual manera en las medidas reglamentarias, demarcación, cerramiento, franjas de protección y circulacion, y demás lineamientos acorde a las guías de diseño de escenarios deportivos del Mindeportes y adicionalmente validando dicha información con las ligas en caso de que en el diseño este contemplado el uso para competencias.



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De igual forma, las graderías planteadas al interior del edificio principal, se incorporaron los principios de la Isoptica vertical desde los criterios normativos internacionales, acorde al artículo 18 de la norma A 100 del RNE donde se establece:

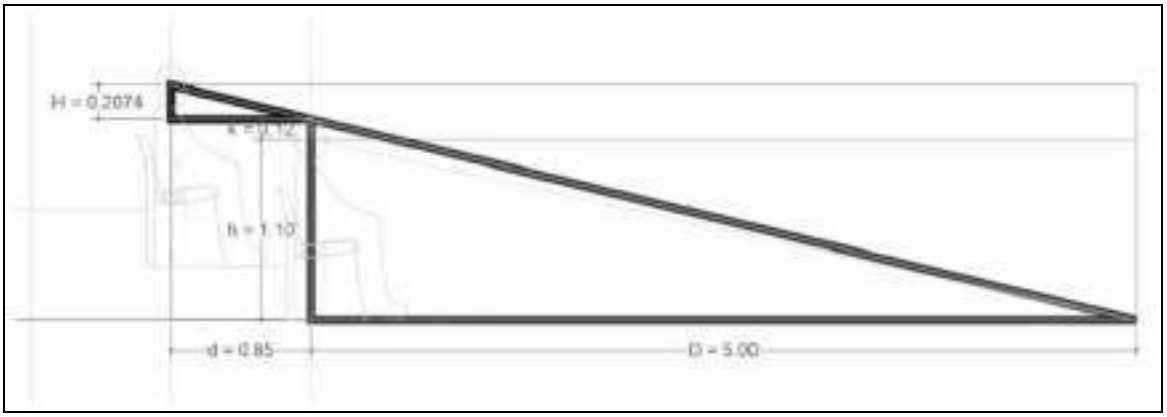
"Las butacas que se instalen en edificaciones para espectáculos deportivos, deberán reunir las siguientes condiciones:

En ESTADIOS:

(…)

c) Deberán colocarse de manera que sus ocupantes no impidan la visibilidad de los demás espectadores. La visibilidad se determinará usando la línea isóptica de visibilidad, en base de una constante "k", que es el resultado de la diferencia de niveles entre el ojo de una persona y la parte superior de la cabeza del espectador situado en la fila inmediata inferior y/o superior. Esta constante tendrá un valor mínimo de 0.12 m. o cualquier otro sistema de trazo, siempre y cuando se demuestre la visibilidad.

(…)"



"H" es a "d" como "h + k" es a "D":

H / d = k + h / D

H = d (k + h) / D

En donde:

H = Distancia vertical entre la cabeza de la persona en la fila inmediata inferior y los ojos de la persona analizada.

k = Distancia promedio entre los ojos y la cabeza (0.12 m).

h = Altura de los ojos de una persona sentada (desde el nivel horizontal del punto de observación crítico).

d = Distancia horizontal entre filas analizadas (establecida por el RNE según el tipo de butaca).

D = Distancia horizontal de la persona en la fila inmediata inferior hasta el punto de observación crítico (el borde más cercano del espacio deportivo).

Adicional a esto, se acogen a las guías de formulación y lineamientos de diseño derivada de la Res 601:

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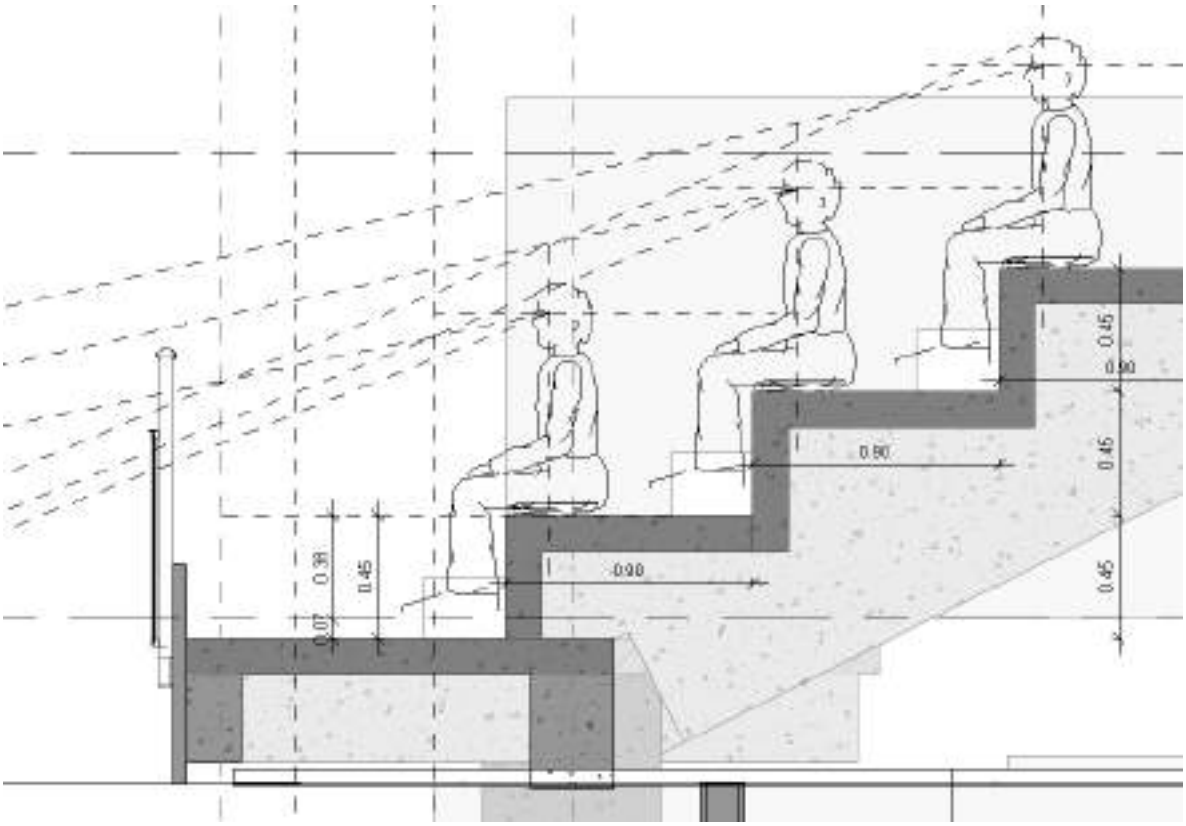
"Para el Diseño de graderías tener en cuenta lo siguiente:

- Debe cumplir con las dimensiones estándar. Huella 0.90 m y contrahuella de 0.45 m en los casos que se adecúe silletería.

- Cumplir con criterios de accesibilidad y seguridad: Incluir espacios accesibles para PMR con puestos para acompañantes (mínimo el 2% del aforo) Reglamento Colombiano de Construcción Sismo Resistente NSR 10 Titulo K 3.2.7.4). Adicionalmente, se deben incorporar pasamanos y barandas para facilitar el acceso a niveles superiores y evitar la caída de los espectadores.

- Tener en cuenta parámetros de isóptica: el diseño de las graderías requiere el estudio de la isóptica para garantizar la visibilidad de todos los espectadores (Isoptica A; Isoptica B; Isoptica C y Isoptica D)

- Las escaleras deben ser coherentes con el desarrollo de las gradas y estar ubicadas acorde a la normativa. Cada 18 asientos o 9 m. lineales"



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3 TRABAJOS REALIZADOS EN CADA UNA DE LAS ÁREAS OBJETO DE LA CONSULTORÍA

A nivel del proyecto se realizó una programación en donde se incorporan las distintas actividades requeridas, siendo principalmente las mencionadas a continuación.

A. FASE DE PREDISEÑO

• Acopio y documentación preliminar referente al sitio y al proyecto objeto del diseño arquitectónico

CONTENIDO BÁSICO

• Programa general de tiempos y actividades. Viabilidad del proyecto

• Acopio de cartografía y evaluación física del sitio

• Acopio de la normativa vigente

• Obtención preliminar de requerimientos sobre permisos y licencias previas

• Desarrollo del programa cualificado de espacios y áreas objeto del diseño arquitectónico

• Verificación y análisis del estudio de suelos

• Estudio de redes de servicios

B. FASE DE DISEÑO

1. Planos generales de diseño arquitectónico

• Definiciones previas: Esquema básico, Anteproyecto y Proyecto

• Productos posibles derivados de los planos generales de diseño arquitectónico

Planos generales de diseño arquitectónico destinados a la obtención de permisos y licencias

Planos generales de diseño arquitectónico destinados a la coordinación y desarrollo de los estudios técnicos complementarios.

a. Planos de localización

b. Plantas arquitectónicas

c. Plantas de cubiertas

d. Planos de fachadas

e. Planos de cortes generales y cortes de muros

f. Plantas de cielorrasos reflejadas

g. Cuadros de áreas discriminados

2. Planos arquitectónicos de detalles constructivos

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a. Detalles constructivos de plantas y secciones arquitectónicas

b. Cortes de fachadas

c. Detalles de los componentes constructivos de las fachadas

d. Detalles de muebles fijos y de carpinterías

e. Cuadros de puertas y ventanas

f. Cuadros de acabados arquitectónicos

3. Coordinación de la documentación técnica complementaria al diseño arquitectónico

Definiciones previas

a. Coordinación arquitectónica de la documentación referida al diseño estructural del proyecto

b. Coordinación arquitectónica del cálculo de elementos sismo resistentes no portantes del proyecto

c. Coordinación arquitectónica del diseño y la documentación hidrosanitaria, mecánica, gas y cableado estructural del proyecto

d. Coordinación arquitectónica de la documentación eléctrica del proyecto

e. Coordinación arquitectónica de la documentación paisajística del proyecto

f. Coordinación arquitectónica de la documentación de diseño interior del proyecto

g. Coordinación arquitectónica de la documentación del diseño de espacio público del proyecto

3.1 ÁREA DE ARQUITECTURA

3.1.1 INTRODUCCIÓN.

3.1.2 DESCRIPCIÓN DEL BIEN OBJETO DE DISEÑO

Seguridad Humana.

Idoneidad del diseñador de elementos no estructurales.

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Diseño de elementos no estructurales	Arquitecto Ingeniero civil Ingeniero mecánico	Para el diseño sísmico de arquitectura y elementos arquitectónicos, hidráulicos, sanitarios, mecánicos y eléctricos, estudios de postgrado en estructuras o ingeniería sísmica, o experiencia dirigida mayor de tres (3) años en diseño estructural, diseño de elementos no estructurales, trabajos geotécnicos, construcción, interventoría o supervisión técnica. Para el diseño de medios de evacuación y elementos no estructurales en su resistencia al fuego, arquitecto con experiencia mayor de tres (3) años en diseño arquitectónico, diseño de elementos no estructurales, o estudios de postgrado en construcción. Para el diseño de sistemas hidráulicos de protección contra incendios, Ingeniero civil o Ingeniero mecánico, con experiencia mayor de tres (3) años en diseño de sistemas hidráulicos para extinción de incendios; y/o Ingeniero hidráulico o Ingeniero sanitario con experiencia mayor de tres (3) años en diseño de sistemas hidráulicos para extinción de incendios. Para el diseño de los sistemas de detección y notificación en caso de incendio: Ingeniero electrico con experiencia mayor de tres años en diseño de sistemas de alarma, detección y notificación de incendios.	No requiere

El arquitecto diseñador del proyecto firma en condicion de diseñador de elementos no estructurales, acorde a la NSR donde se encuentra la tabla en mención.

3.1.2.1 Clasificación de proyecto.

Acorde a lo establecido en la NSR, Tabla J-1.1-1, el proyecto para el estadio Héctor “el Zipa” González, Forma parte del grupo de ocupación Mixto K2.8.2, en tanto que engloba dos ocupaciones, principalmente los subgrupos I-5, Institucional de servicio Público, y L-1, Lugares de Reunión deportivos, acogiéndose por esta razón a los numerales K2.6, K2.7 y K2.8 de la norma.

Tabla K.2.1-1
Grupos y subgrupos de ocupación

Grupos y Subgrupos de ocupación	Clasificación	Sección
A	ALMACENAMIENTO	K.2.2
A-1	Riesgo moderado	
A-2	Riesgo bajo	
C	COMERCIAL	K.2.3
C-1	Servicios	
C-2	Bienes	
E	ESPECIALES	K.2.4
F	FABRIL E INDUSTRIAL	K.2.5
F-1	Riesgo moderado	
F-2	Riesgo bajo	
I	INSTITUCIONAL	K.2.6
I-1	Reclusión	
I-2	Salud o incapacidad	
I-3	Educación	
I-4	Seguridad pública	
I-5	Servicio público	
L	LUGARES DE REUNIÓN	K.2.7
L-1	Deportivos	
L-2	Culturales y teatros	
L-3	Sociales y recreativos	
L-4	Religiosos	
L-5	De transporte	
M	MIXTO Y OTROS	K.2.8
P	ALTA PELIGROSIDAD	K.2.9
R	RESIDENCIAL	K.2.10
R-1	Unifamiliar y bifamiliar	
R-2	Multifamiliar	
R-3	Hoteles	
T	TEMPORAL	K.2.11

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Dicha clasificacion se reitera con base en la informacion contenida en la Tabla K.2.1-1, Grupos y subgrupos de ocupacion, y a su vez en las tablas K2.7-1, donde se estipula que el Subgrupo de ocupacion de lugares de reunion deportivos, engloba Estadios, Gimnasios, Pistas y otros usos similares que forman parte del programa arquitectonico del proyecto y en la tabla K.2.7-2, Subgrupo de ocupacion institucional de servicio publico, I-5, haciendo referencia a las oficinas del Instituto Municipal de Cultura, Recreacion y Deportes de Zipaquira.

En concordancia con lo estipulado en la tabla K.3.3-1, Indice de ocupacion, se establece que el uso de oficinas / servicio publico es I-5, 0.3m2 min por ocupante.

I-1	Reclusión	11
I-2	Salud o Incapacidad	
	Dormitorios	11
	Cuidados Ambulatorios	9
	Áreas de Tratamiento con Pacientes Internos	22
I-3	Educación	
	Salones de Clase	1.8
	Laboratorios, Talleres y áreas vocacionales	4.6
I-4	Seguridad Pública	2.8
I-5	Servicio Público	0.3

Las oficinas del instituto dispone de 330m2, para una ocupacion maxima de 75 personas como se muestra en el cuadro de areas que incluye la ocupacion por cada uno de los espacios.

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Cuadro de areas utiles		
Nombre	Area	Ocupación
Cuarto tecnico datos	20.80 m²	2
Deposito	4.16 m²	2
Baño M. SP	2.88 m²	1
Oficinas Admon.	6.67 m²	13
Sala de Reuniones	18.91 m²	10
Baño H. SP	1.73 m²	1
Sala de prensa + Cafe	164.17 m²	80
Cuarto Tecnico	4.46 m²	1
Camerinos	24.68 m²	11
Baños camerinos	24.54 m²	10
Camerino Arbitraje	300.17 m²	2
Camerinos	27.54 m²	11
Baños camerinos	23.07 m²	10
Basuras	7.51 m²	1
Banca + lockers	6.56 m²	12
Baños M.	20.79 m²	7
Sauna M.	7.83 m²	4
Baños H.	18.66 m²	7
Camerino Cafeteria	5.01 m²	4
Baño Caf.	3.26 m²	1
Almacen Cafeteria	7.26 m²	4
Cafeteria	92.70 m²	80
Basuras Aux	4.54 m²	1
Deportologo	9.96 m²	4
Sauna H.	7.85 m²	4
Gimnasio	92.47 m²	30
Duchas	25.51 m²	11
Duchas	27.51 m²	11
Baño turco H	2.05 m²	6

En cuanto a los lugares de reunion que dan el segundo uso para clasificarse como mixto, en la misma tabla K.3.3-1

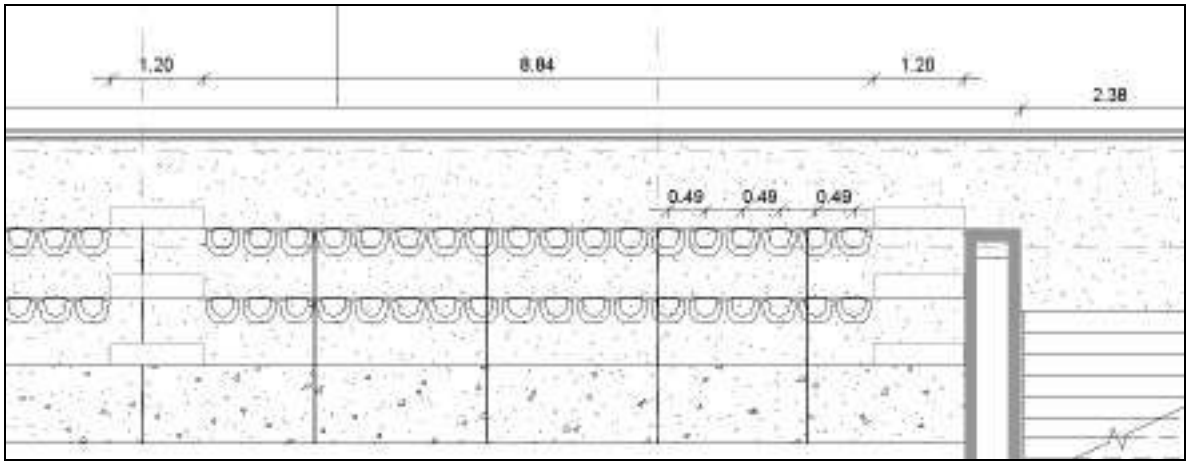
Tabla K.3.3-1 (continuación)
Índice de ocupación

L	LUGARES DE REUNIÓN	
	Uso concentrado (Sin asientos)	0.5
	Uso concentrado (Asientos no fijos)	0.7
	Uso menos concentrado (Mesas y asientos)	1.4
	Uso con asientos fijos	Segun numero de asientos
	Asientos tipo grada	450 mm lineales por persona
	Casinos y áreas similares	1
	Salas de Lectura	4.6
	Zonas de Estanteria de Libros	9.3
	Piscinas (lamina de agua)	4.6
	Piscinas (Deck)	1.4
	Escenarios	1.4
	Salas de ejercicios con equipos	4.6
	Salas de ejercicios sin equipos	1.4
	Zonas de reclamo de equipaje	1.8
	Zonas de manejo de equipaje	28
	Zonas de espera	1.4
	Juzgados (Sin asientos fijos)	3.7
	Cocinas	9.3
M	MIXTO	Segun la ocupacion de cada area de acuerdo con el uso especifico

Se indican reglamentos adicionales para las graderias y demas escenarios, en donde se establece que con asientos tipo grada se requiere de 450mm lineales por personal. Criterios que fueron incorporados al diseño con unas dimensiones

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mas comodas con respecto a ese minimo requerido De igual forma las graderias cuentan con escaleras y pasos intermedios según lo especificado en la NTC1500 y NTC5017 Se diseñaron con base en lo estipulado en la resolucion 601 de 2020 y la guia de formulacion de proyectos de Mindeportes. Escaleras cada maximo 18 asientos / 9 metros.



De igual forma se plantea en cumplimiento de la tabla K.3.4-1

K.3.4.2 — NUMERO DE SALIDAS — El número mínimo de salidas desde cualquier piso o parte del mismo, según su carga de ocupación está dado en la Tabla K.3.4-1.

Tabla K.3.4-1
Número mínimo de salidas por carga de ocupación

Carga de ocupación	Número mínimo de salidas
0 – 100	1
101 - 500	2
501 - 1000	3
1001 o más	4

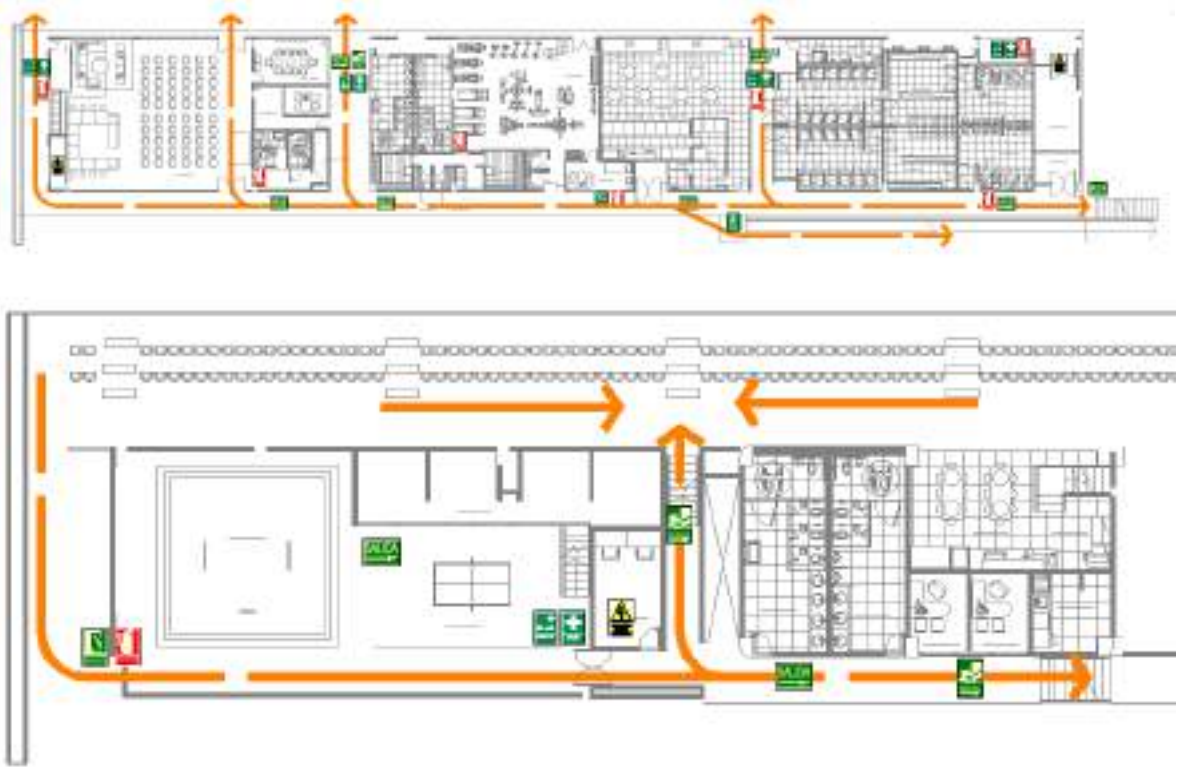
Y la tabla H.3.61 Distancia en metros de recorrido hasta la salida a un punto de reunion exterior seguro, SIEMPRE distancias inferiores a 45 mts en cualquiera de las edificaciones destinadas a tal uso (distancia sin sistema de rociadores) a pesar de que el proyecto cuenta con dicho sistema.

Toda esta informacion se encuentra consignada en los planos de evacuacion, que incorporan tambien la normativa K.3.10 sobre señalizacion.

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En cuanto al numeral J.2.3, requisitos de acceso a la edificación.

J.2.3 — REQUISITOS DE ACCESO A LA EDIFICACIÓN

Tanto el planeamiento urbanístico, como las condiciones de diseño y construcción de las edificaciones, en particular su entorno inmediato, sus vanos en fachada y la configuración de las redes de suministro de agua, deben posibilitar y facilitar la intervención de los servicios de extinción de incendios, para lo cual se deben cumplir los requisitos de localización y ubicación, que se prescriben a continuación:

J.2.3.1 — ACCESO A LA EDIFICACIÓN — Toda edificación debe proveerse de áreas de acceso adecuadas para el Cuerpo de Bomberos, de acuerdo con las normas siguientes:

J.2.3.1.1 — *Acceso Frontal* — Toda edificación debe tener, al menos, el 8% de su perímetro total medido al nivel del piso de mayor área encerrada, con frente directamente a una vía o espacio frontal de acceso, en donde debe disponerse de vanos que permitan el acceso desde el exterior al personal del cuerpo de bomberos.

J.2.3.1.2 — *Sobre el Nivel del Terreno* — El acceso debe proporcionarse directamente desde el exterior a cada planta localizada por debajo de una altura de 28 m (Véase la definición edificios de gran altura). Para los niveles localizados por encima de 28 m de altura se deben tener accesos directos a un medio de evacuación protegido, el cual debe permitir el acceso a todos los niveles de la edificación (Véase K.3.1.3 para la definición de Medios de evacuación). En todo caso, para las plantas localizadas por debajo de 28 m, los accesos deben proporcionar una abertura de por lo menos 1.2 m de altura por 0.8 m de ancho y cuyo reborde o antepecho no sobrepase una altura de 0.9 m por encima del nivel de cada piso interior. La distancia máxima entre los ejes verticales de dos vanos consecutivos no debe exceder 25 m, medidos sobre la fachada. No deben instalarse elementos que impidan o dificulten el acceso al interior del edificio a través de dichos vanos.

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Imagen de las circulaciones, rampa y escaleras de acceso al nivel 2 en cumplimiento de los requerimientos normativos. Las rampas, salvaescaleras y otras circulaciones y sus sub-elementos fueron diseñados acorde a la NSR10 Titulo K.3.8, NTC 4143 y NTC 6047

NOTA.

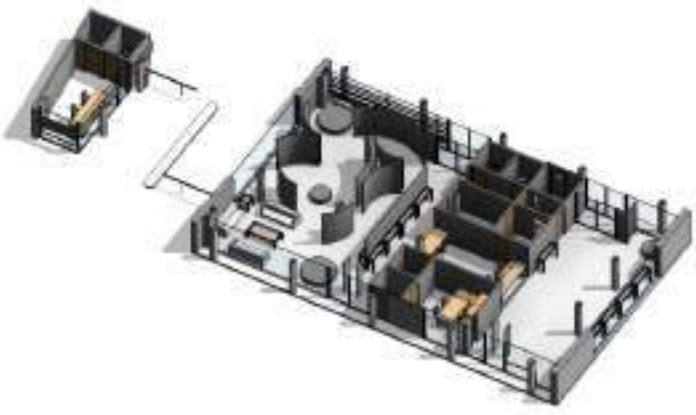
Los numerales J.4 referente a la deteccion y alarma estan contemplados dentro de los estudios e informes de las especialidades electrica / deteccion e hidraulica / extincion.

3.1.2.2 Sobre el predio a intervenir.

El inmueble localizado en el municipio de Zipaquirá, en el centro geográfico del mismo,

1. **Acceso, taquilla y museo del deporte.**

El volumen concebido para tal uso, tenia inicialmente una concepcion unicamente de acceso y control del proyecto, acorde a los analisis realizados del sector, especificamente en cuanto a historia deportiva, se incorporaron multiples usos complementarios, dentro del programa propuesto para tal fin estan.



- Zona de taquilla.
- Zona dispuesta para policia turistica e informacion general.
- Archivo
- Deposito
- Baños para funcionarios
- Baños para visitantes
- Museo del deporte
- Control de acceso vehicular, incluye baño y zona de disposicion de correspondencia.

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Parte del concepto y la necesidad de incorporar un museo del deporte, nace de las raices deportivas que tiene Zipaquira, asi como la importancia de resaltar las mismas en un entorno apropiado y diseñado para tal fin.
Dicho espacio contara con un sistema de vigilancia, sonido y traduccion para las exposiciones semi-permanentes que incorporara el museo, se plantea la posibilidad de almacenar dichas exposiciones para poder hacer eventos especificos cuando sea necesario.

2. Edificio Principal, servicios deportivos y oficinas del Instituto Municipal de Cultura, Recreación y Deportes de Zipaquirá

En el volumen central se encuentran 3 zonas, en primer piso, al mismo nivel de terreno, donde actualmente se encuentra la cancha

3.1.2.2.1 Localización y contexto

Localización general.

El predio objeto de estudio se encuentra localizado en el centro geográfico de Zipaquirá.



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El predio del estadio se encuentra entre las carreras 13 y 15 y entre las calles 10 y 12 junto a la vía férrea a 800 m del centro histórico y la plaza municipal.

USOS EXISTENTES			EDIFICIO	PLANTA ACCESO	PISO 02	AREA CONSTRUIDA	AREA CUBIERTA	INDICE	
CAMPO DE FUTBOL	8830		MUSEO	361,746	0	361,746	681,885	OCUPACION	0,0979
PISTA DE ATLETISMO	4300		EDIF. PPAL	1070	1143,858	2213,858	1343,858	CONSTRUCCION	0,1512
ZONA DE CALENTAMIENTO	2120		ALOJAMIENTO	454,358	454,358	908,716	454,358		
GRADERIAS	6400		CANCHA CUBIERTA	311,648	0	311,648	311,648		
AREA UTIL	30670		EDIFICACIONES EXISTENTES						
	29970		GRADERIAS EXISTENTES	735,332	0	735,332			
AREA TOTAL DE INTERVENCION			TOTAL CONSTRUIDO	2955,084	1598,216	4553,3			

POT ACUERDO 12 DEL 2013
NORMA - EDOTACIONAL INDICES MAXIMOS PERMITIDOS
OCUPACION = 0,70
CONSTRUCCION = 2,1

Las construcciones corresponden únicamente a 2591m2 (área cubierta) por tanto corresponde al 9% del área total del predio junto con un valor de 3000m2 aproximadamente de circulaciones, no se supera el 20% del área total dispuesta para los escenarios deportivos, sin embargo, al ser un predio dispuesto como estadio, la infraestructura existente ya supera el 60% del área, buscando con el diseño paisajístico optimizar y recuperar las zonas verdes.

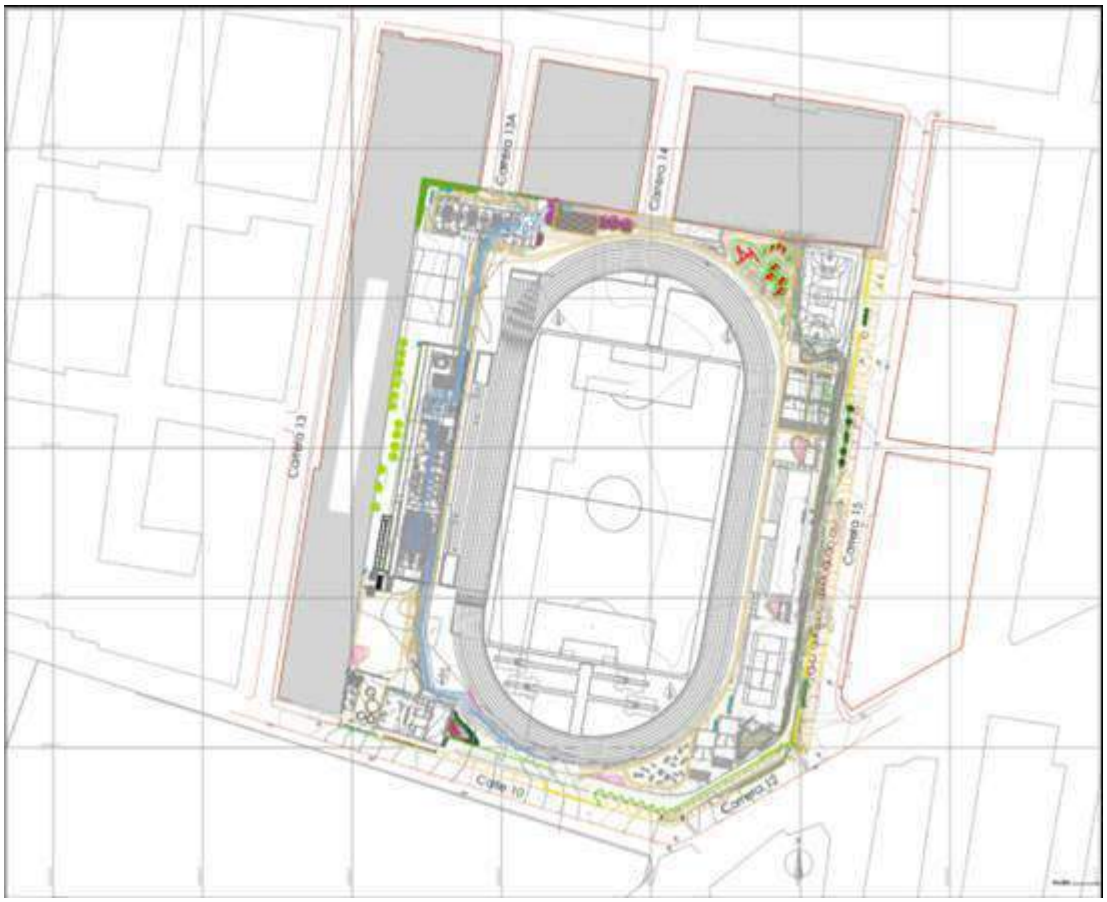
Cada una de las zonas, están diseñadas con un cerramiento, ya sea físico, o tratamiento de piso para delimitar los espacios.
El área de recreación pasiva, zonas verdes etc., es de 4870m2 versus 311,6m2 de áreas de recreación activa correspondiente a las canchas cubiertas y cerca de 800m2 para deportes activos al aire libre.

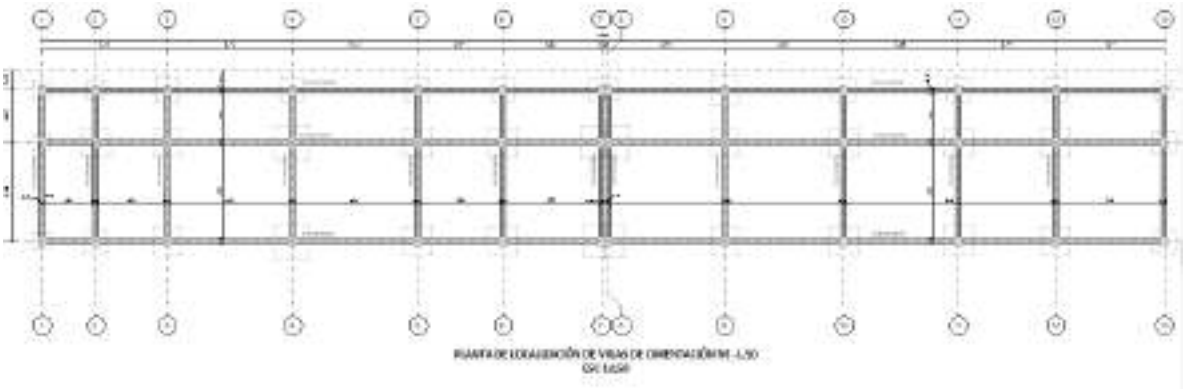
Para el diseño urbano y paisajístico se realizaron los respectivos estudios normativos para la correcta ubicación de cada uno de los espacios planteados al interior del complejo. Buscando cumplir tanto la resolución 601 de 2020 y su guía para el diseño de espacios deportivos como las NTC, y la NSR como se menciona anteriormente.

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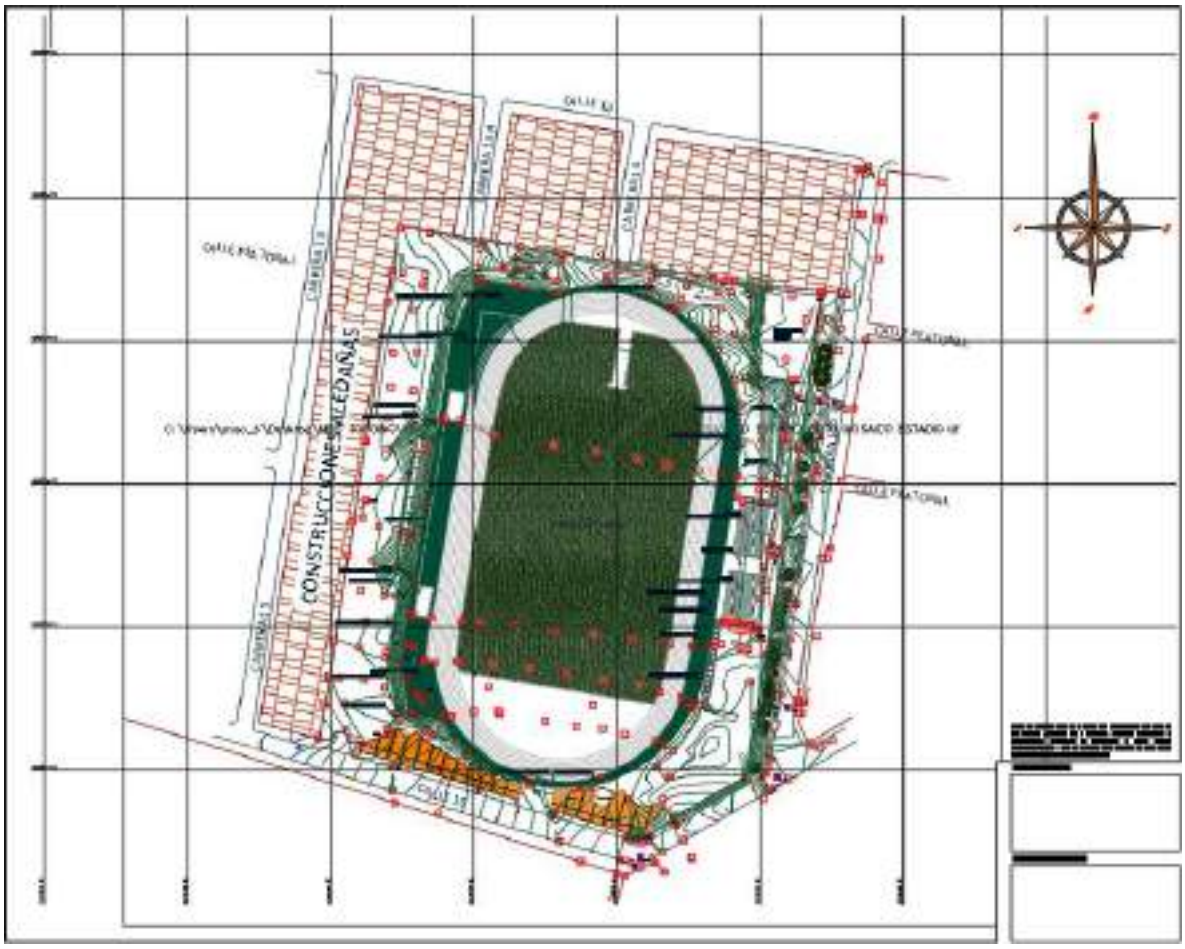
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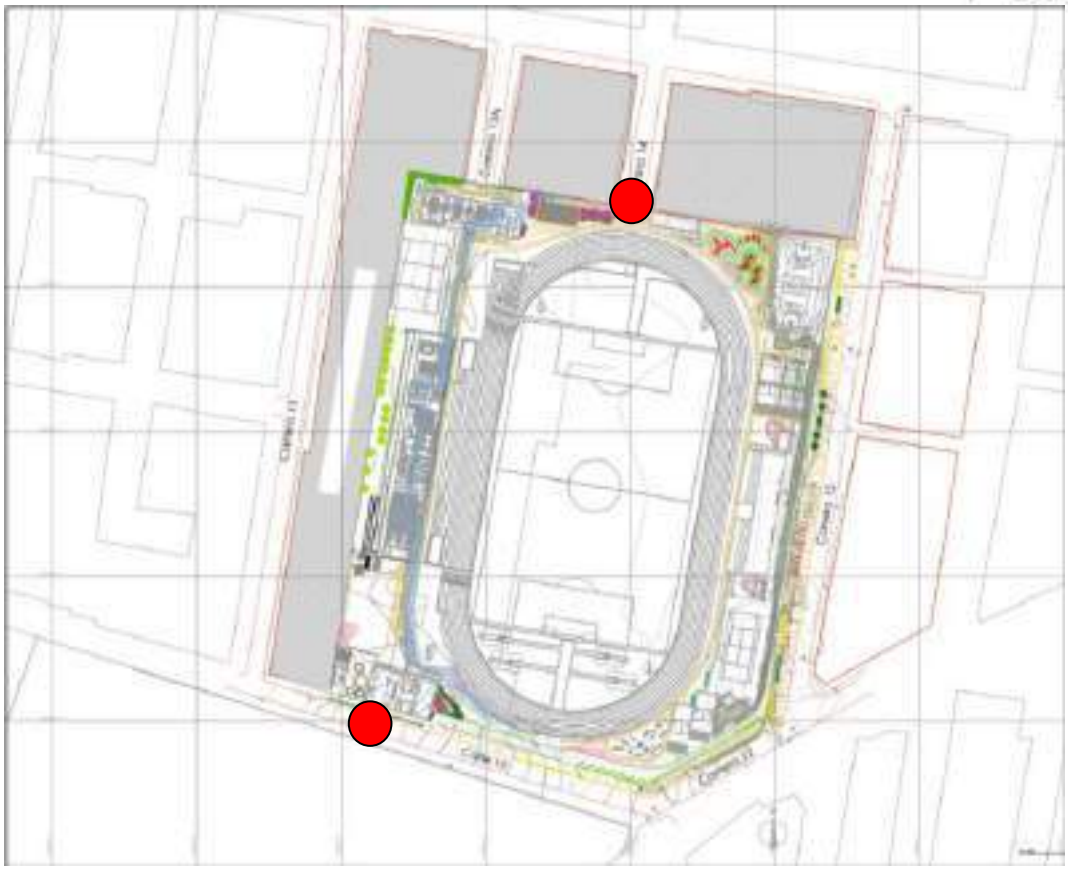


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Todos los bloques nuevos y existentes se encuentran con ejes, dimensiones y referencias que permiten identificar la exacta ubicación del proyecto dentro del predio, como ejemplo de todos los bloques diseñados, en la imagen anterior, se encuentra la planta de localización de vigas de cimentación del Bloque principal.

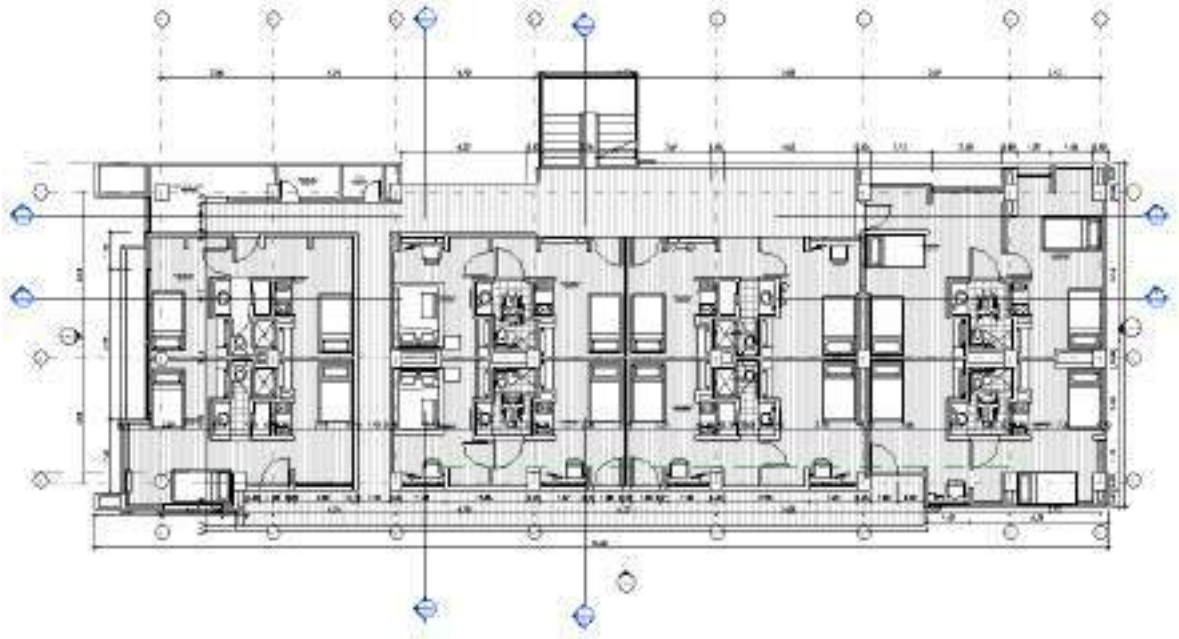
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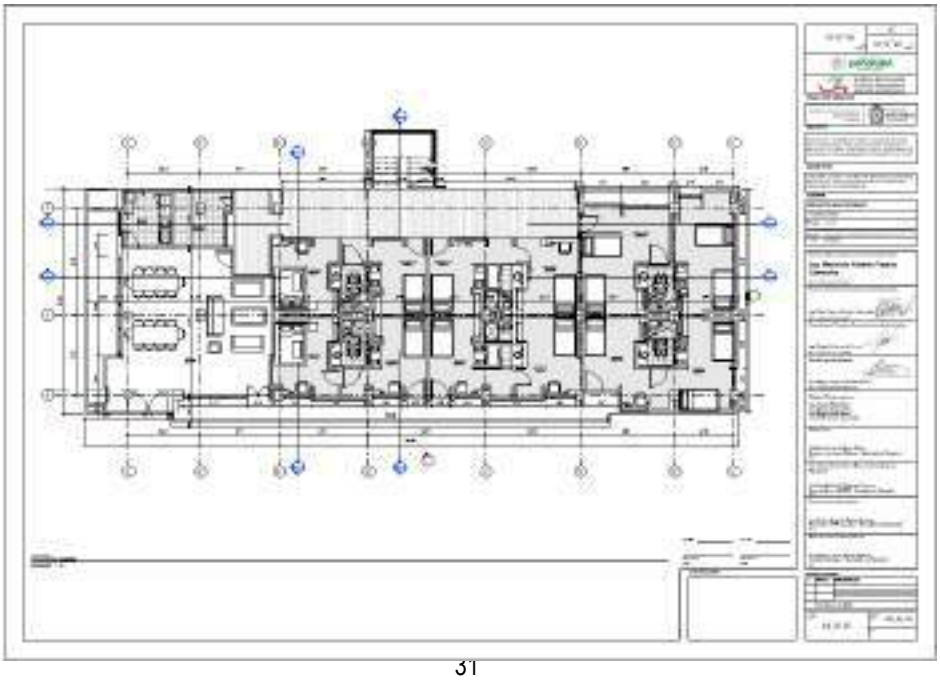
Los accesos se encuentran sobre la Calle 10 para el público que ingresa de manera inmediata a la zona de recepción y al museo y sobre la carrera 14 donde las comisiones deportivas pueden llegar por la zona norte para evitar aglomeraciones innecesarias con el resto del público e ingresar sin problemas a las zonas de acondicionamiento físico previo a los espectáculos deportivos.

El proyecto se encuentra enmarcado en la segunda línea de la guía de formulación de diseño, donde se enfoca en intervenir escenarios deportivos y recreativos existentes con obras complementarias que apuntan a ampliar, mejorar las condiciones funcionales de la infraestructura, su capacidad y la cobertura del servicio para la población beneficiaria.
En cuanto a las plantas arquitectónicas incluyen norte real, ejes, dimensiones, cotas, señalización de cortes, nombres de los espacios y especificaciones de materiales. Como en la siguiente imagen del primer piso del alojamiento donde se encuentran todas las características mencionadas.

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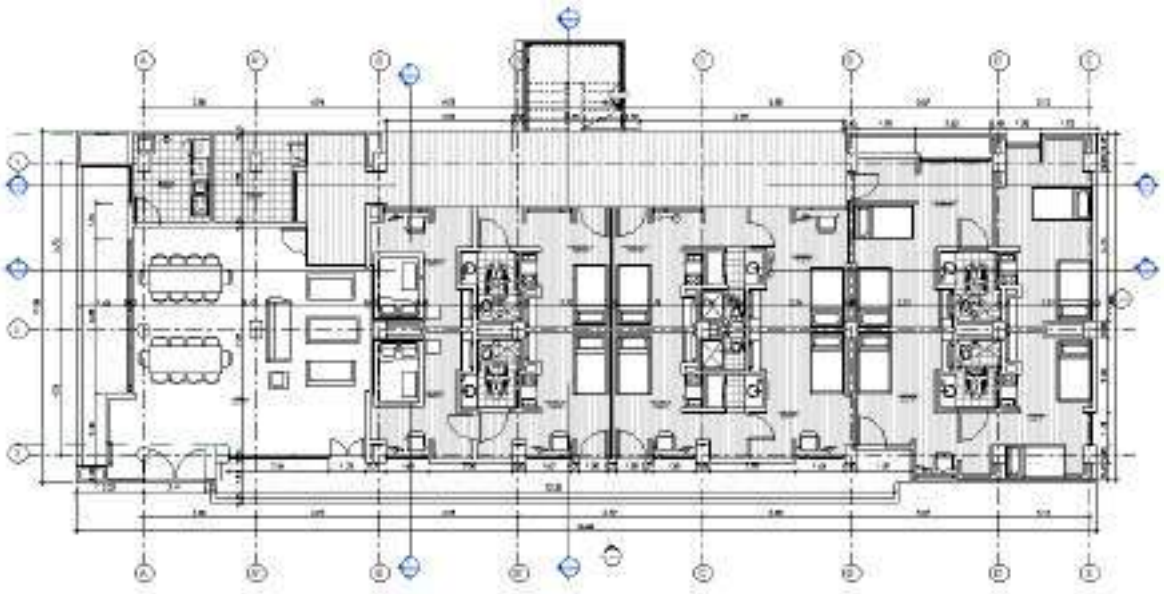


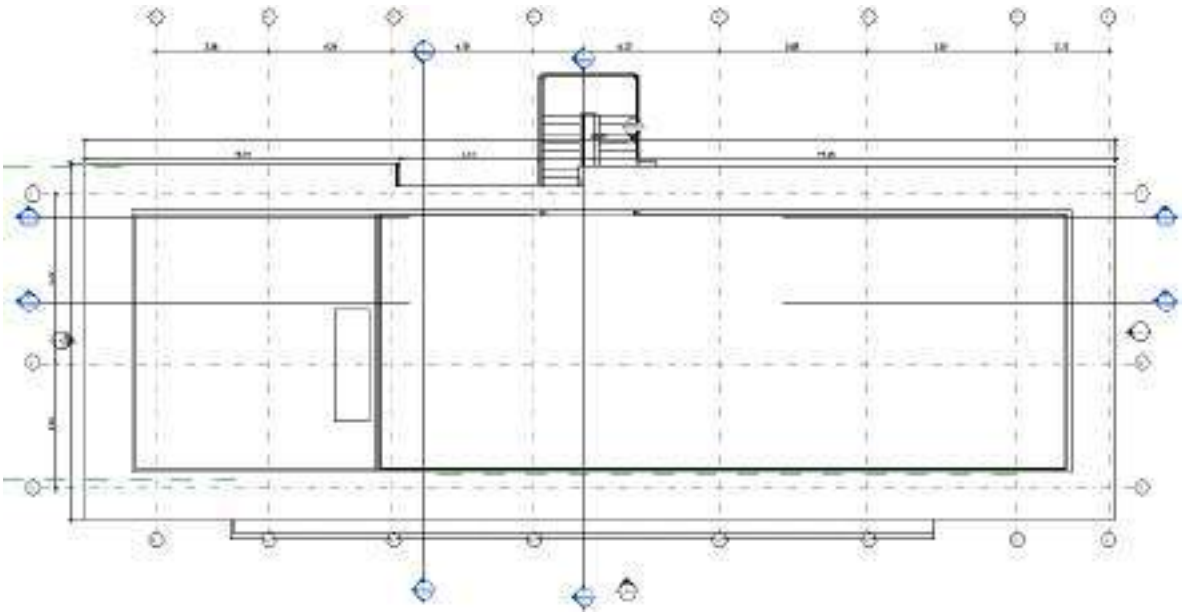
Las planchas incluyen las escalas nombre del proyecto, localización y nombre del diseñador, como en el caso de la siguiente imagen, donde se muestra una plancha de la misma planta mostrada anteriormente, con el adicional de haberla incluido ya en el formato pertinente.



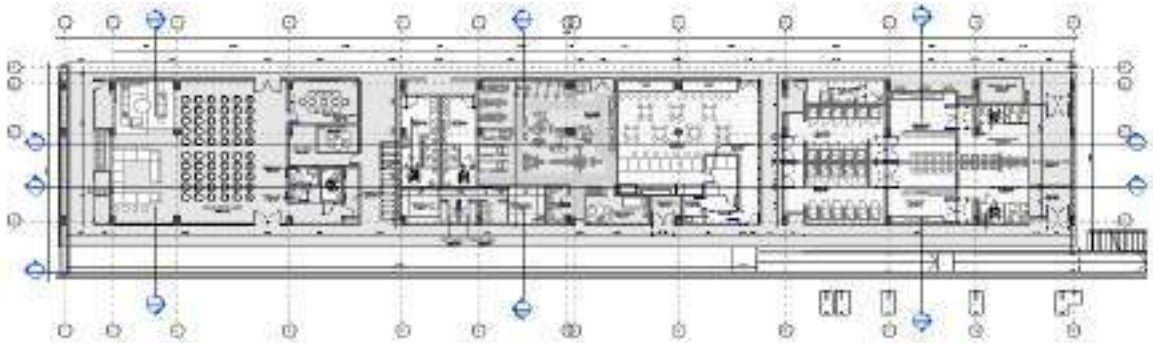
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Por cada bloque se presenta planta y cubierta, tal como se muestran en las imágenes del mismo bloque de alojamiento; la primera imagen muestra el segundo piso y la imagen siguiente corresponde a la cubierta, a continuación:



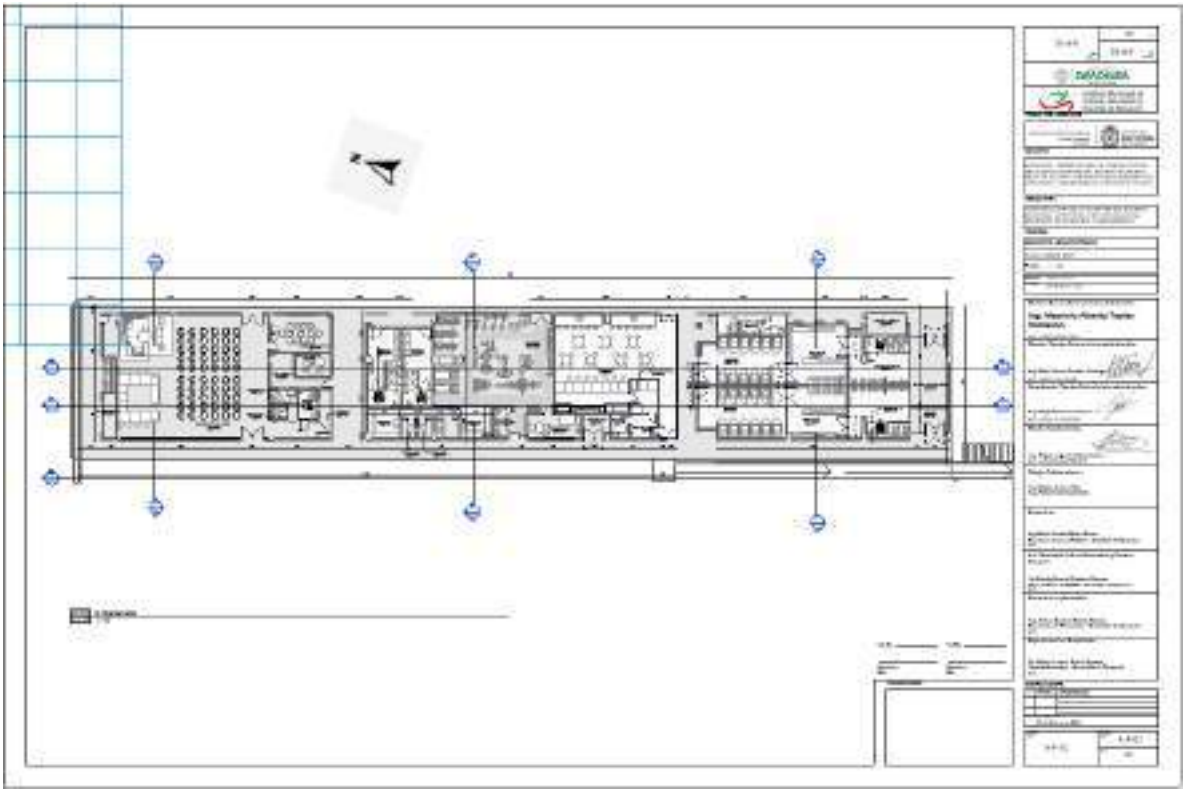


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Todas las plantas del proyecto incluyen norte, ejes estructurales, dimensiones, cotas de nivel de piso, porcentaje y sentido de la pendiente, las plantas señalan los cortes, las fachadas, detalles, nombres de los espacios, áreas, así como aforo y especificaciones de materiales, tal como se muestra en la imagen a continuación.

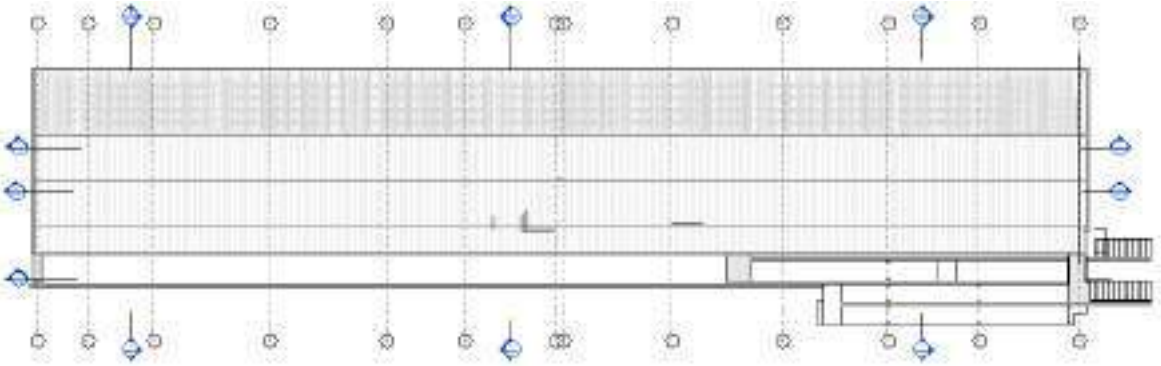
Todas las plantas de primer piso incluyen el contexto inmediato, se ven todos los accesos, escaleras, rampas, pendientes y salidas de evacuación



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En cuanto a las plantas de cubiertas, estas incluyen el porcentaje y sentido de las pendientes, especificaciones, canales y bajantes, como ejemplo se muestra la siguiente imagen a continuación de la planta de cubierta de servicios.

El proyecto incluye los diseños exteriores de urbanismo y jardines, así como senderos peatonales, rampas, escaleras, bordillos, sardineles y otros elementos a tener en cuenta en la implantación de los bloques en el terreno. De la misma manera en la que se muestran en las siguientes imágenes.



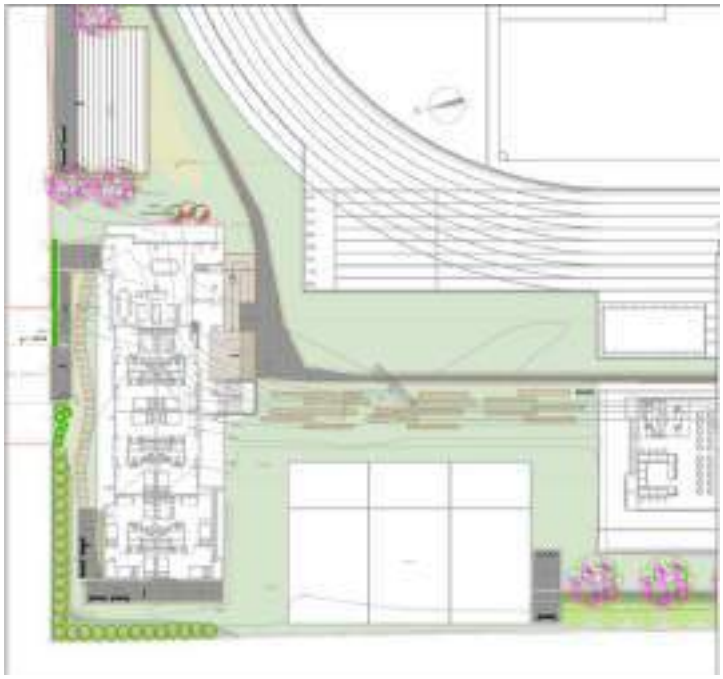


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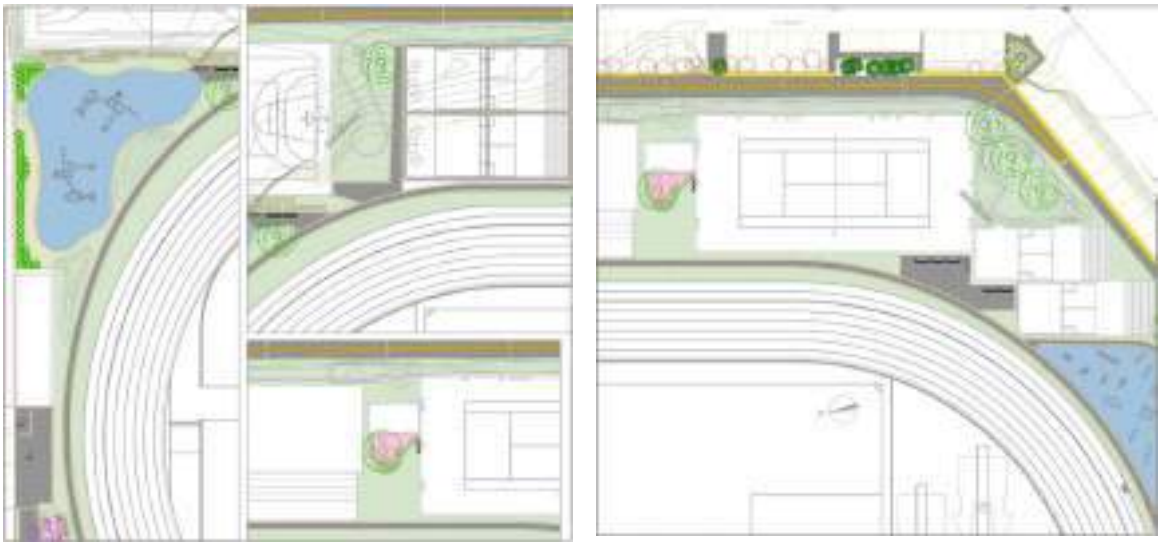
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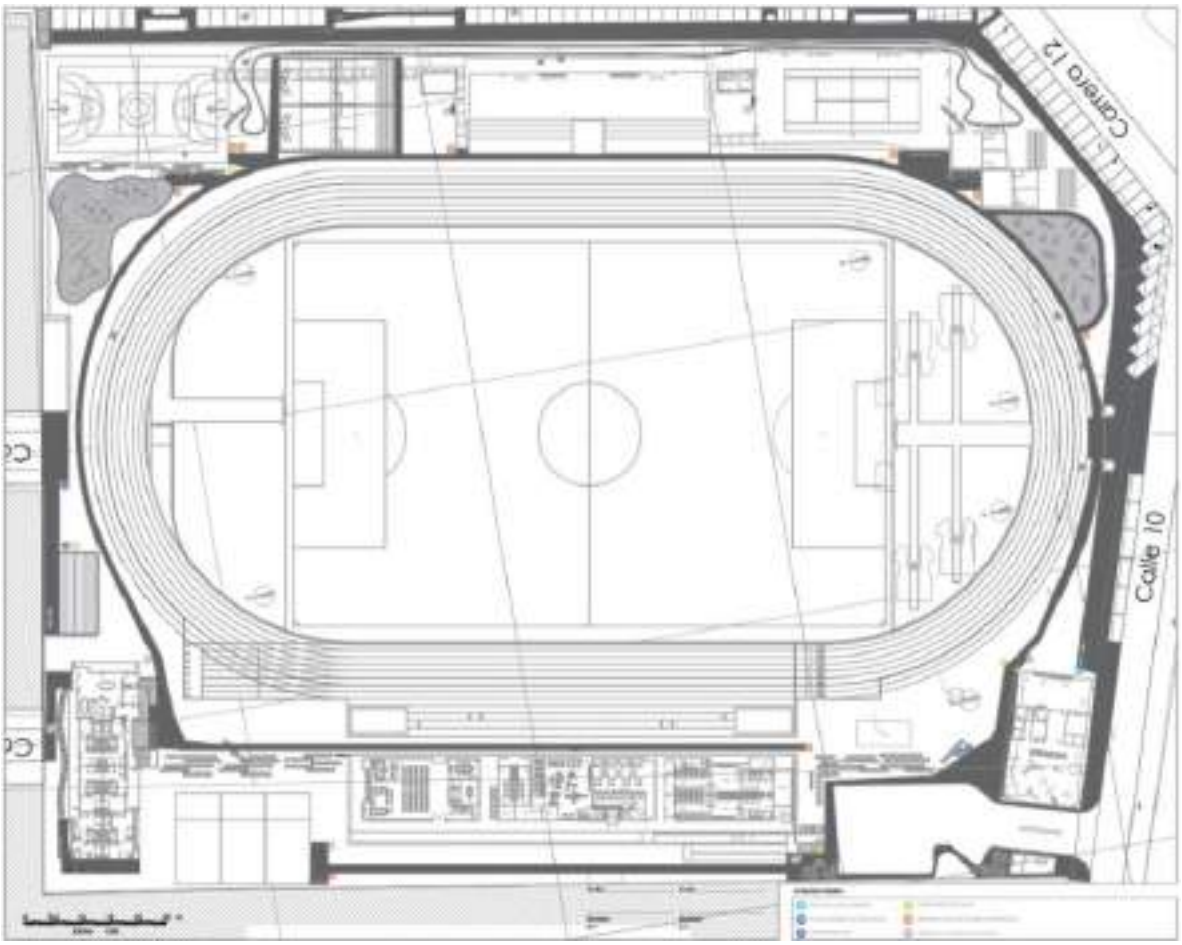


Los accesos se definen claramente en los acercamientos al urbanismo, se encuentran independientes, tal como lo enmarca la guía de formulación de diseño del Ministerio del deporte y las siguientes imágenes



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Siendo un escenario recreo – deportivo y como lo enmarca la guía de formulación y lineamientos de diseño del Ministerio del Deporte, se cumplen con los principios de diseño como pertinencia, complementariedad, alineación, impacto, prioridad y sostenibilidad. En la siguiente imagen, correspondiente al plano de señalización, las zonas están demarcadas por espacios y recorridos entre los bloques y las distintas zonas.

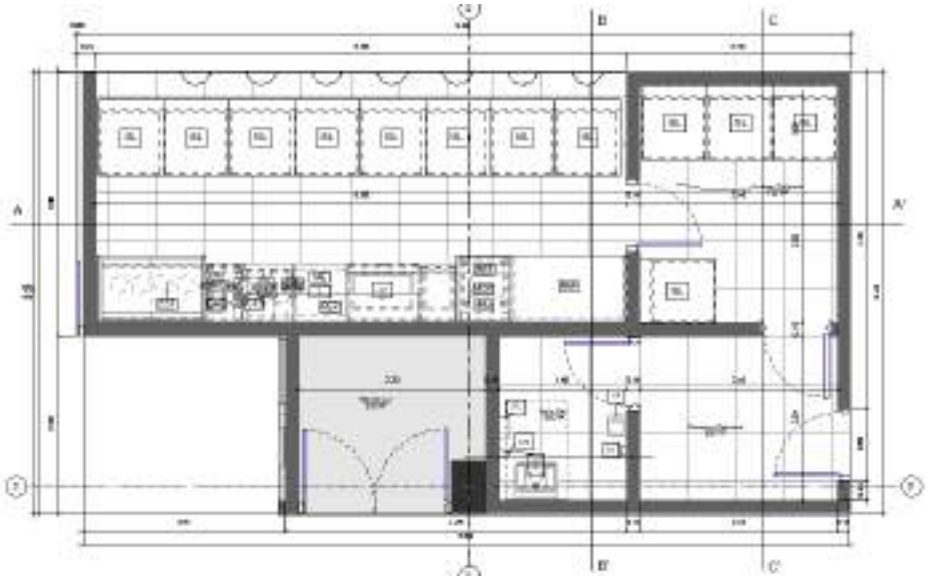


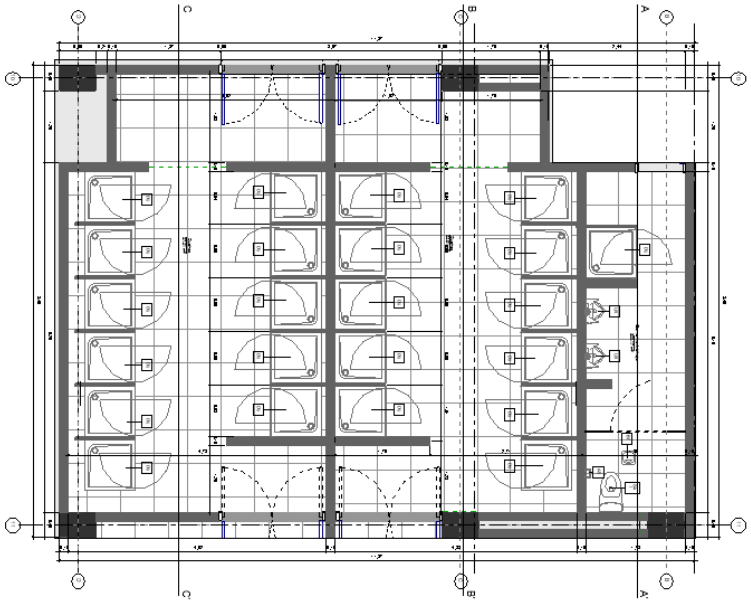


La zonificación y el planteamiento arquitectónico se cumple en todo el proyecto, como en las siguientes imágenes donde los recorridos y relación entre espacios son funcionales como son los camerinos y las zonas de duchas que cumplen con la NTC

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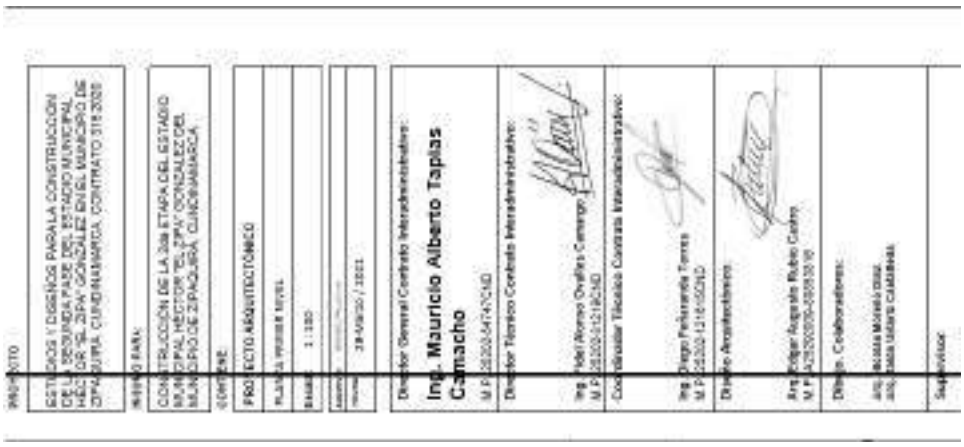
1500 y la NTC 6047, En tanto que uno de los usos del complejo deportivo son las oficinas del Instituto del Deporte de Zipaquirá, se plantean baterías sanitarias acorde a los requerimientos normativos, de igual forma se incorporan baños para funcionarios dependiendo de la zona específica del complejo



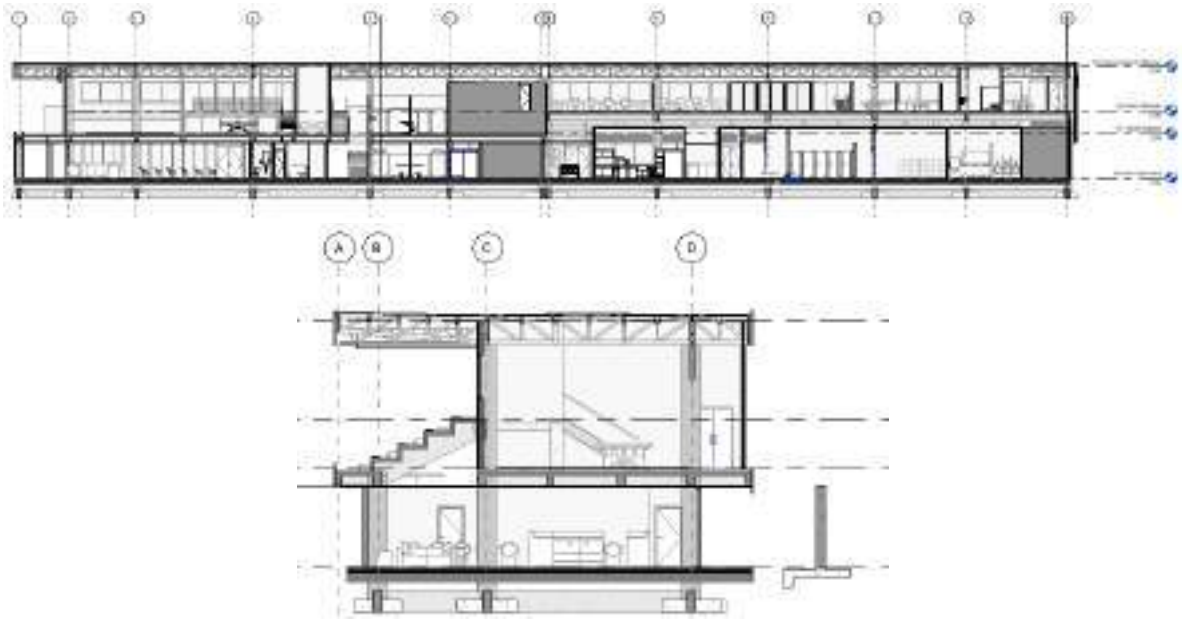


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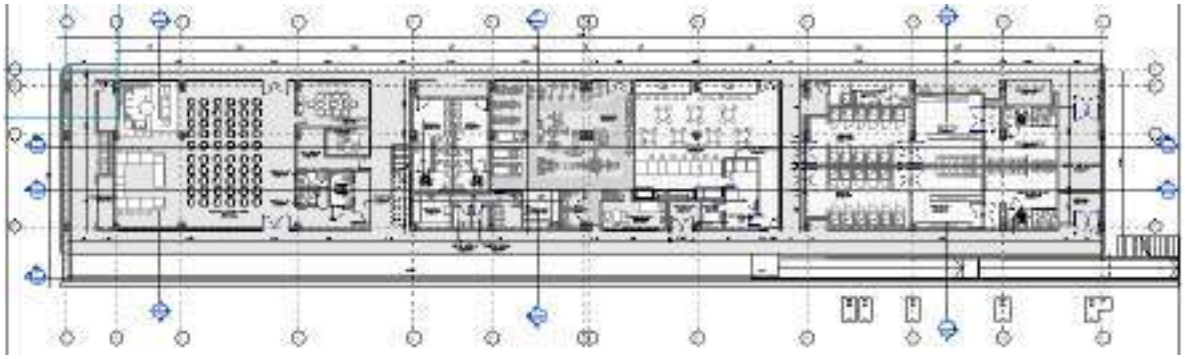
Los profesionales responsables se hacen cargo de sus diseños firmando al costado derecho de todas las planchas tal como aparece en la siguiente imagen

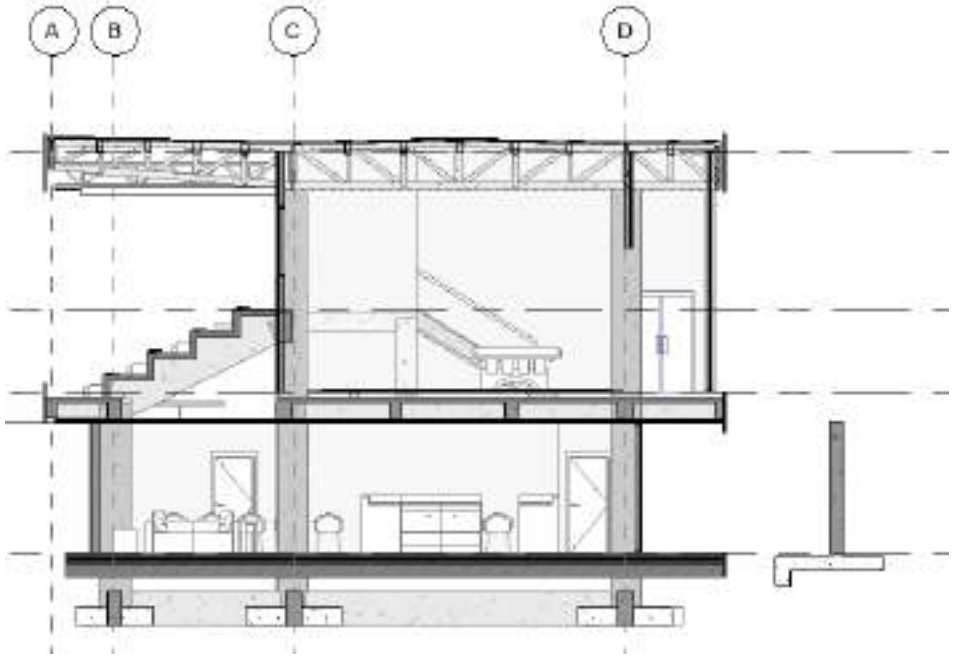


Para los cortes, alzados y fachadas, se cumplen con niveles estructurales y arquitectónicos, especificaciones de materiales y contexto inmediato. Ejemplo de ello, está en la imagen que se encuentra a continuación en el corte longitudinal y transversal del bloque principal.



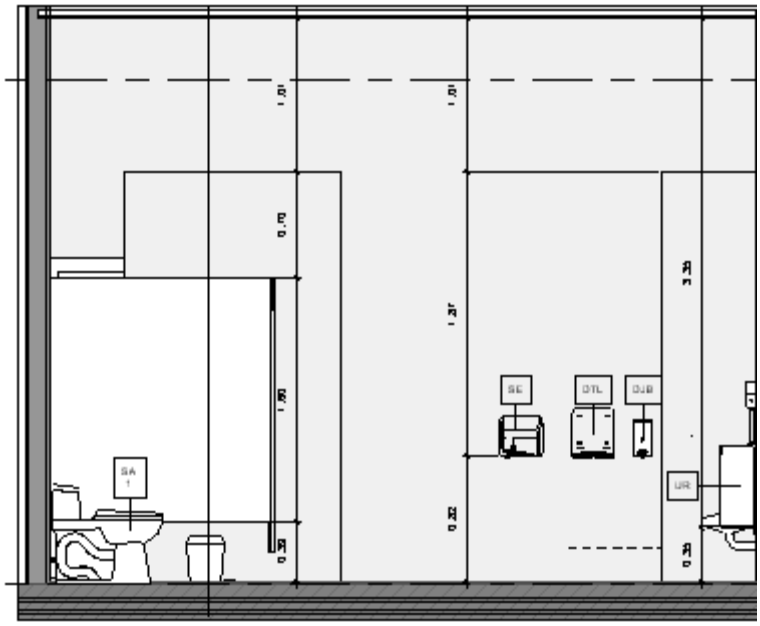
La correspondencia entre plantas y cortes es clara a lo largo del proyecta, como en el siguiente ejemplo de la planta y el corte del salón principal



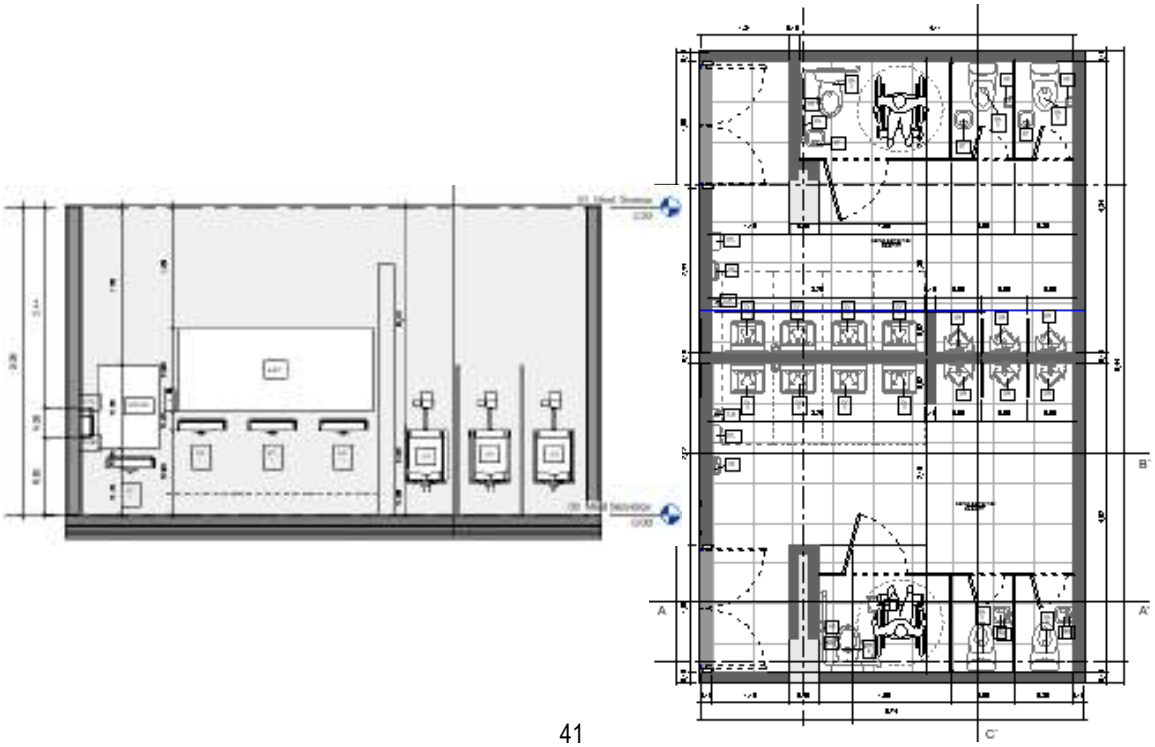


Las especificaciones en alzados y cortes son claros de acuerdo con las indicaciones de símbolos están completadas para cumplir con los requerimientos de construcción que el proyecto demanda. Un ejemplo de ello se denota en la siguiente imagen donde se asignan nombres a los elementos y materiales.

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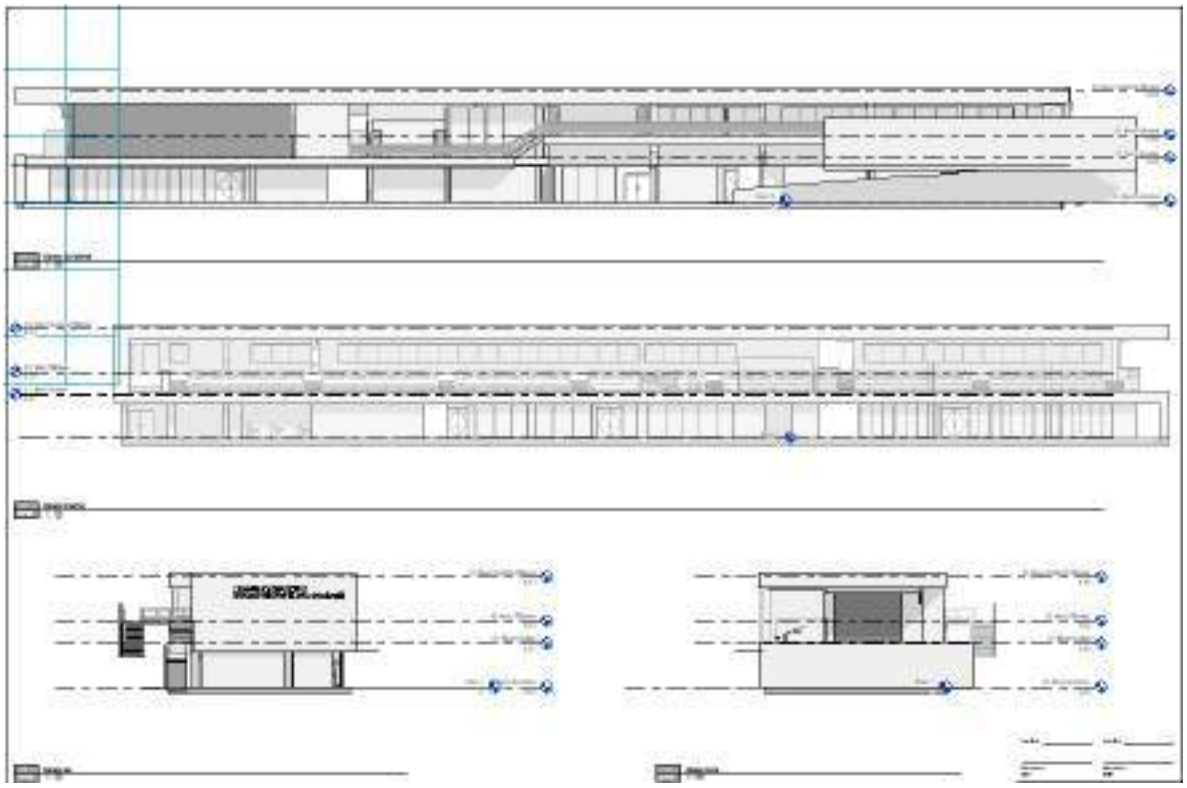


Un ejemplo dentro del proyecto donde se puedan ver los cuadros con volúmenes de corte y rellenos que coincida con los cortes arquitectónicos del proyecto son nuevamente los baños. Coincide con los cortes arquitectónicos del proyecto

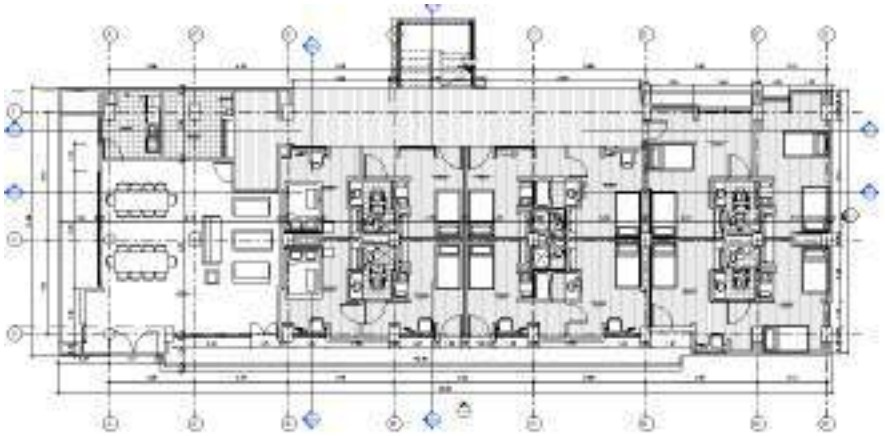


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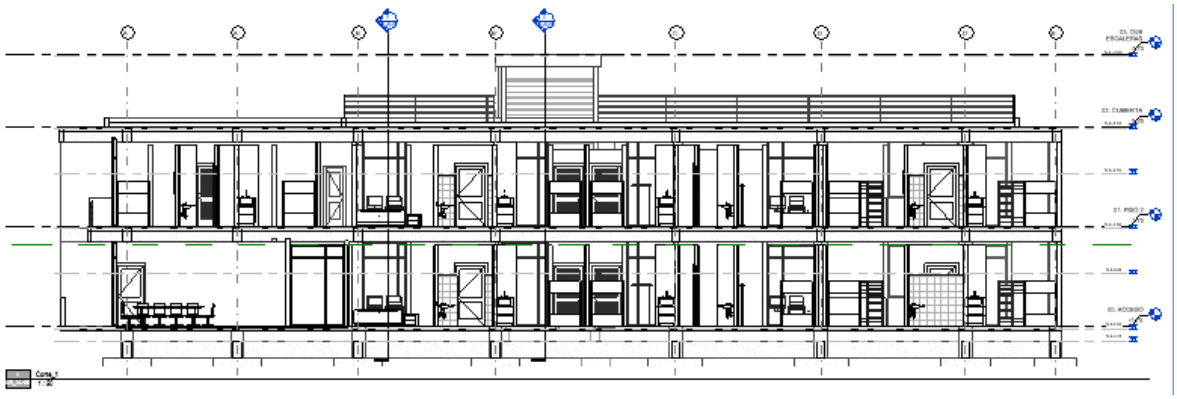
El proyecto cuenta con todas las fachadas, estas corresponden a los alzados exteriores del Bloque principal



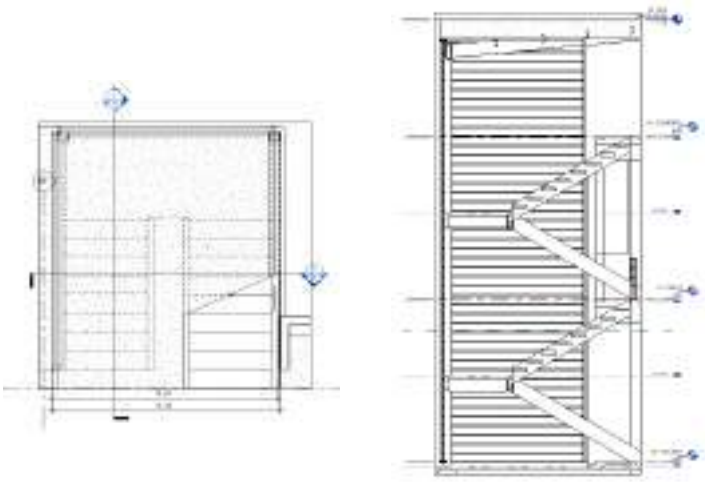
Todos los alzados, cortes y fachadas permiten comprender a cabalidad el alcance del proyecto, tal como se presenta a continuación con la planta del primer piso del alojamiento y su respectivo corte



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Pasando a los detalles arquitectónicos, se menciona que, se presentan en escalas adecuadas, corresponden al proyecto y están referenciados en los planos, con todas las especificaciones de materiales, como en el caso de las escaleras y su detalle



Están contemplados los baños para el público como los que se muestran a continuación, que son los baños ubicados en la zona de gradas

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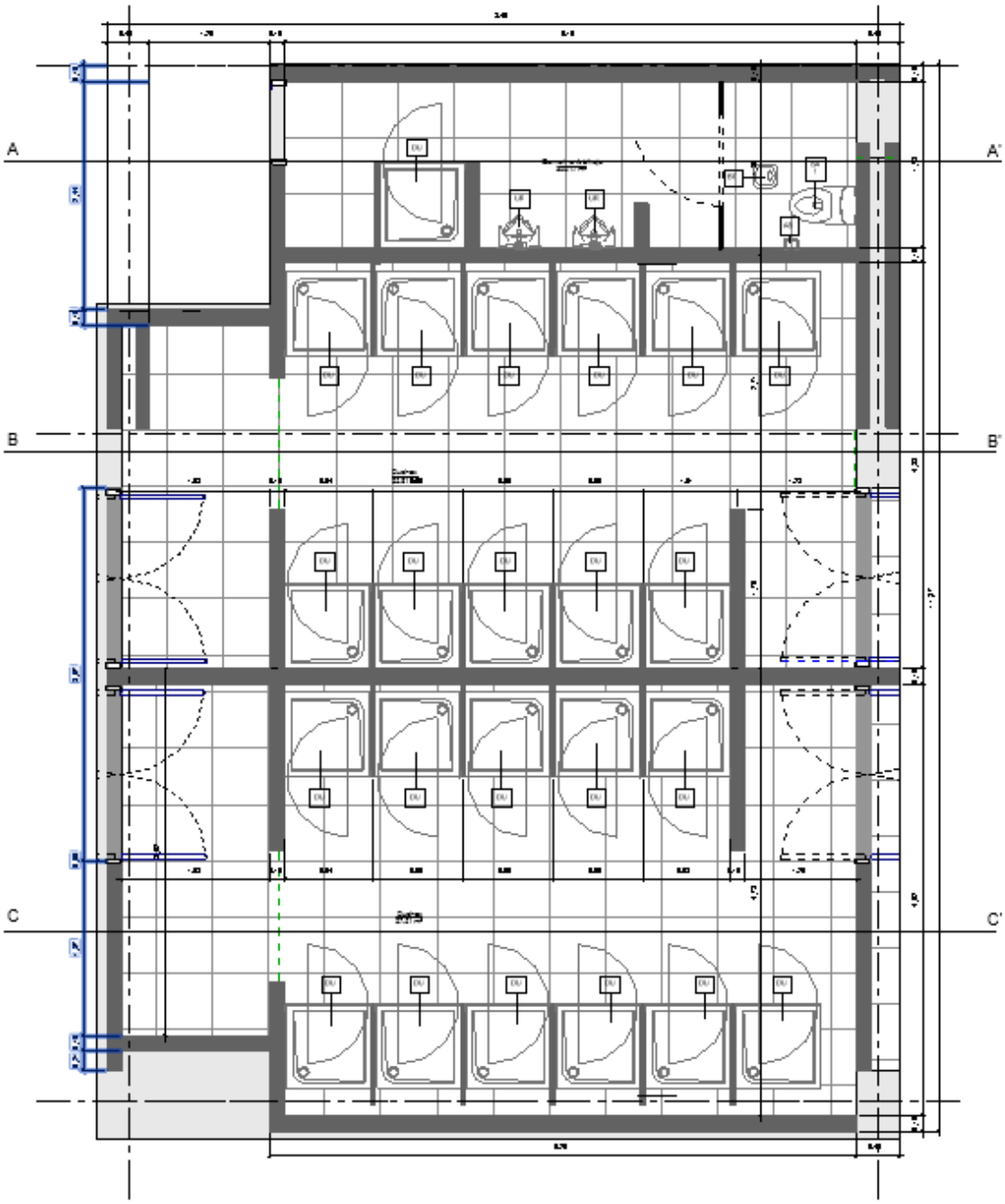




A continuación, se muestran los baños destinados al uso de empleados municipales y funcionarios que usen las zonas técnicas y previas a los juegos en el edificio principal En la parte superior izquierda del dibujo, se encuentra el baño para discapacitados, cumpliendo las cabinas sanitarias para PMR, tienen las dimensiones mínimas requeridas, de igual forma se contemplan como corresponden, los baños para el uso dentro de los camerinos.

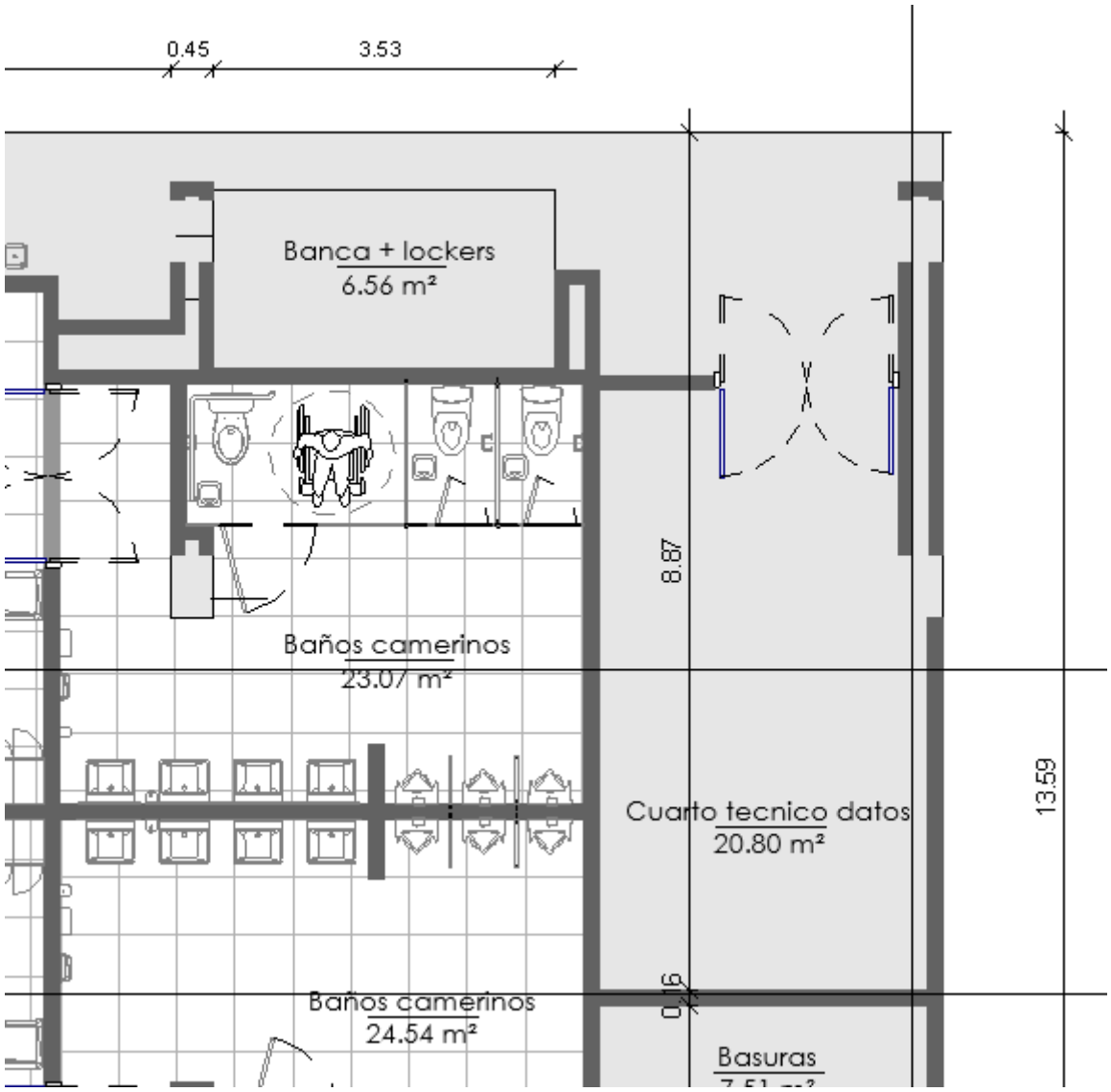
Las duchas contempladas en el diseño se encuentran también en el edificio principal. Tal como se encuentran a continuación

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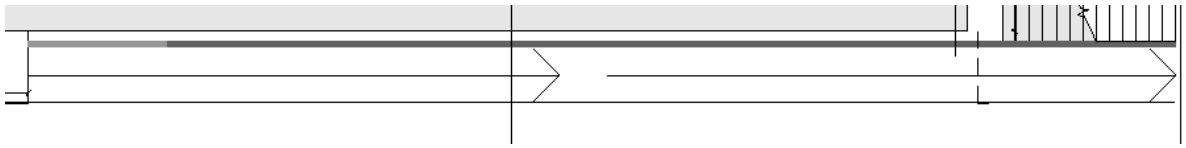
Tal como se ve en la siguiente imagen se pueden ver la amplitud de los corredores de uno de los bloques. Cumplen claramente con la NTC 4140.

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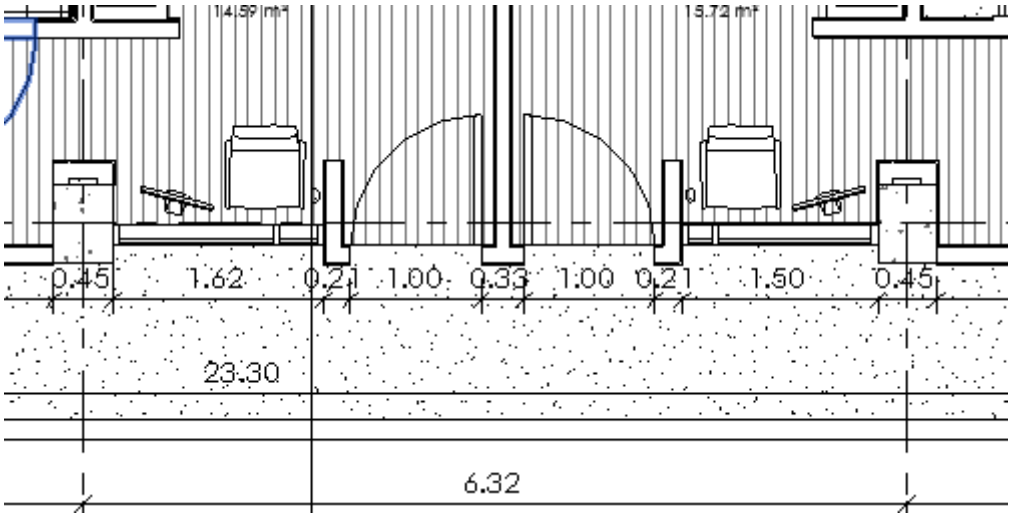


La circulación peatonal cumple con las especificaciones de acabados, tienen las pendientes máximas permitidas, tal como se muestra a continuación.

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En la siguiente imagen se puede constatar como los retrocesos de los accesos a los salones y oficinas cumplen con el título K



4 CONCLUSIONES Y RECOMENDACIONES

En conclusión, el diseño cumple con los requerimientos estipulados en la NSR 10, Titulo A Acuerdo al Numeral 1.3.3:

> "A.1.3.3 — DISEÑO ARQUITECTÓNICO — El proyecto arquitectónico de la edificación debe cumplir la reglamentación urbana vigente, los requisitos especificados en el Título J y en el Título K y además debe indicar, para efectos de este Reglamento, los usos de cada una de las partes de la edificación y su clasificación dentro de los grupos de uso definidos en el Capítulo A.2, el tipo de cada uno de los elementos no estructurales y el grado de desempeño mínimo que deben tener de acuerdo con los requisitos del Capítulo A.9. El proyecto arquitectónico debe ir firmado por un arquitecto con matrícula profesional vigente. Cuando los planos arquitectónicos incluyan los diseños sísmicos de los elementos no estructurales, éstos deben ir firmados, o rotulados, por un profesional facultado para este fin de acuerdo con la Ley 400 de 1997."

Una vez el proyecto fue radicado y aprobado por la oficina de planeación de Zipaquirá, donde se dio seguimiento y verificación tanto al diseño arquitectónico como estructural.

Se recomienda realizar un estudio patológico de las graderías existentes, ya que en una primera inspección visual se identificó la presencia de fisuras y eflorescencias en las vigas y muros laterales, que, al ser una edificación relativamente

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reciente, podría evidenciar alguna falla mayor a mediano plazo, por tanto sería importante descartarlas en etapas tempranas.

5 ANEXOS

Registro fotográfico.

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Zipaquirá, 29/mar/2021

Señores
Ministerio del Deporte
Bogotá D.C.

Asunto: Certificación de Diseño

Certifico que he realizado el Diseño Arquitectónico para el Proyecto CONSTRUCCIÓN DE LA 2 ETAPA DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ DEL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA, a construirse en el Municipio de ZIPAQUIRÁ, Departamento de CUNDINAMARCA, de acuerdo con los requisitos técnicos vigentes, establecidos en la normatividad colombiana NSR-10, NTC1500, NTC6047, ISO19650 y ISO 16739 cuyos resultados se encuentran consignados tanto en las memorias de diseño como en los planos arquitectónicos, que anexo debidamente firmados

Para los fines pertinentes, anexo copia de mi Tarjeta o Matrícula Profesional y certificado de vigencia de la misma y copia de la cédula de ciudadanía.



FIRMA
Arq. Edgar Augusto Rubio Castro
Título: Arquitecto
M.P. A25292009-808538816
C.C. No. 80.853.816 de Bogotá D.C.



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INDICE DERECHO

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IDENTIFICACION PERSONAL
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APELLIDOS

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CONSEJO PROFESIONAL
NACIONAL DE ARQUITECTURA
Y SUS PROFESIONES AUXILIARES
COLOMBIA

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BOGOTÁ

Matrícula profesional

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FACULTAD DE

Artes

ACTA DE GRADO NÚMERO 663

El Consejo de Facultad en su sesión del día 26 de Marzo de 2009 Acta No. 6

CONSIDERANDO QUE

Edgar Augusto Rubio Castro

C.C. No. 80.853.816 de Bogotá

Cumplió satisfactoriamente con los requisitos exigidos por los Acuerdos y Reglamentos de la Universidad, resuelve otorgarle el título de

Arquitecto

En nombre y representación de la República de Colombia y de la Universidad Nacional de Colombia se expide el Diploma Número 0113044 *consignado en el Registro No.* 673 del Folio No. 45 del Libro No. 1

En testimonio de lo anterior se firma la presente Acta de Grado en la ciudad de Bogotá a los 26 días del mes de Marzo de 2009

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Consejo de Facultad

SECRETARÍA
Consejo de Facultad

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E384817

CERTIFICA

Que el Arquitecto EDGAR AUGUSTO RUBIO CASTRO con cédula de ciudadanía No. 80853816 de Bogota D.C., registra Matrícula Profesional de Arquitectura No. A25292009-80853816, expedida en cumplimiento de la Resolución No. 29 del 7 de Mayo de 2009 por el Consejo Profesional Nacional de Arquitectura y sus Profesiones Auxiliares., la cual se encuentra **VIGENTE.**

El profesional no registra ANTECEDENTES ni SANCIONES VIGENTES en el ejercicio de su profesión por parte del Consejo Profesional Nacional de Arquitectura y sus Profesiones Auxiliares.

La anterior información corresponde en su integridad con los datos del Registro de Arquitectos y Profesionales Auxiliares de la Arquitectura.

El presente certificado tiene una vigencia de seis (6) meses a partir de la fecha de su expedición.

Dado en Bogotá, D.C., a los 14 dias del mes de Marzo de 2021 .

ENRIQUE URIBE BOTERO
Director Ejecutivo

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CONTRATO INTERADMINISTRATIVO DE CONSULTORIA 315 DE 2020

CONSTRUCCIÓN DE LA 2 ETAPA DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ DEL MUNICIPIO DE ZIPAQUIRÁ, CUNDINAMARCA

DENTRO DEL MARCO DEL CONTRATO DE CONSULTORÍA:

"ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ CUNDINAMARCA"

DISEÑO ESTRUCTURAL EDIFICIO PRINCIPAL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ
COMPONENTE: ESTRUCTURAL

Zipaquirá, Marzo de 2021

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UNIVERSIDAD NACIONAL DE COLOMBIA	**FACULTAD DE INGENIERÍA**

"ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ EN EL MUNICIPIO DE ZIPAQUIRÁ CUNDINAMARCA"

CONTRATO INTERADMINISTRATIVO DE CONSULTORIA 315 DE 2020

DISEÑO ESTRUCTURAL
ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ
COMPONENTE: ESTRUCTURAL

NOMBRE	CARGO	FIRMA
ING. MAURICIO ALBERTO TAPIAS CAMACHO	Director General	
ING. FIDEL ALONSO OVALLES CAMARGO	Coordinador Técnico	
ING. DIEGO PEÑARANDA TORRES	Coordinador Administrativo	
ING. JUAN JACOBO PINILLA	Diseñador Estructural	

_____ **APROBACIÓN:** **Supervisor Contrato**	DISTRIBUCIÓN: Un original: Instituto Municipal de Cultura, Recreación y Deporte de Zipaquirá – Secretaría de Obras Públicas Supervisión del Contrato
FECHA DE APROBACIÓN (IMCRDZ): _____ **(DD/MM/AAAA)**	Un original: Universidad Nacional de Colombia, archivo Contrato 315 de 2020 Una copia: Universidad Nacional de Colombia, Facultad de Ingeniería

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Proyecto ***cultural y colectivo*** *de nación*

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1 INTRODUCCIÓN

Este proyecto fue realizado por solicitud de la Instituto Municipal de Cultura, Recreación y Deporte de Zipaquirá, el cual contempla el diseño de la estructura denominada BLOQUE PRINCIPAL, el cual hace parte del contrato interadministrativo del Consultoría 315 de 2020, correspondiente a "ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DE LA SEGUNDA FASE DEL ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLES EN EL MUNICIPIO DE ZIPAQUIRÁ CUNDINAMARCA". La estructura consta de 2 pisos con un área construida aproximada de 1758.74 metros cuadrados. Esta edificación se diseñó para uso III correspondiente a Edificaciones de Atención a la Comunidad, definido por el Reglamento de Construcción Sismo Resistente NSR-10.

Este diseño fue realizado conforme a las disposiciones de los títulos A, B, C, F y H del Reglamento de Construcción Sismo Resistente NSR-10 y sus decretos modificatorios.

1.1 OBJETIVO

Presentar el diseño estructural de la edificación denominada BLOQUE PRINCIPAL de la segunda fase del ESTADIO MUNICIPAL HÉCTOR "EL ZIPA" GONZÁLEZ en el municipio de Zipaquirá - Cundinamarca.

1.1.1 ALCANCE

El presente documento contempla la presentación general de las disposiciones conceptuales y normativas para el diseño estructural. Este informe técnico abarca los siguientes resultados:

- Generalidades y descripción del proyecto.
- Avalúos de cargas
- Descripción de materiales
- Descripción de parámetros usados en el análisis y el diseño

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2 DESCRIPCIÓN GENERAL

El objeto del estudio es el Estadio Municipal, Héctor "El Zipa" González, que se encuentra localizado en la Calle 10 entre Carreras 13 y 15 en Zipaquirá, Cundinamarca, Colombia. El proyecto contempla los estudios y diseños de la segunda fase del estadio municipal. La ubicación general del proyecto de la segunda fase del estadio se ilustra en la Figura 1.



Figura 1. Ubicación general del proyecto de la segunda fase del estadio. Tomado y adaptado de Openstreet maps.

La segunda fase del estadio comprende las siguientes estructuras:

- Edificio principal: Dimensiones aproximadas de 80x15 m en planta, dos pisos de altura, oficinas, salón de reuniones y eventos, servicios y graderías integradas al segundo piso. Se localiza en el costado occidental del estadio.
- Hotel para atletas de alto rendimiento: Dimensiones aproximadas de 40x15 m en planta y dos pisos de altura. Se localiza en la esquina noroccidental del estadio
- Taquilla – Museo: Dimensiones aproximadas de 22x15 m en planta y un piso de altura. Se localiza en el costado suroccidental del estadio:

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- Escenarios deportivos: Ampliación a ocho carriles en la pista de atletismo, cuatro canchas de squash, cancha de tenis, cancha de frontón, muro de escalada, zona de gimnasio y de calistenia al aire libre, cancha múltiple (baloncesto, fútbol cinco, volibol
- Otros elementos: Dos monumentos olímpicos que conformarán la entrada al estadio, cuatro postes de iluminación de gran altura para la cancha principal del estadio y un tanque de almacenamiento de agua.

2.1 CARACTERÍSTICAS ARQUITECTÓNICAS

El proyecto se localiza en predios aledaños a la Calle 10, donde se encuentra el acceso principal del estadio. La Figura 2 muestra el esquema de la localización en planta del proyecto arquitectónico en donde se resaltan las edificaciones principales, en el costado noroccidental del lote se localiza el hotel para atletas de alto rendimiento, mientras que en el costado centro – occidental se proyecta el edificio principal – graderías y por último en la esquina suroccidental se encuentra la taquilla – museo. Las Figura 3, Figura 4 y Figura 5 muestran vistas arquitectónicas en planta para las tres estructuras principales del proyecto.

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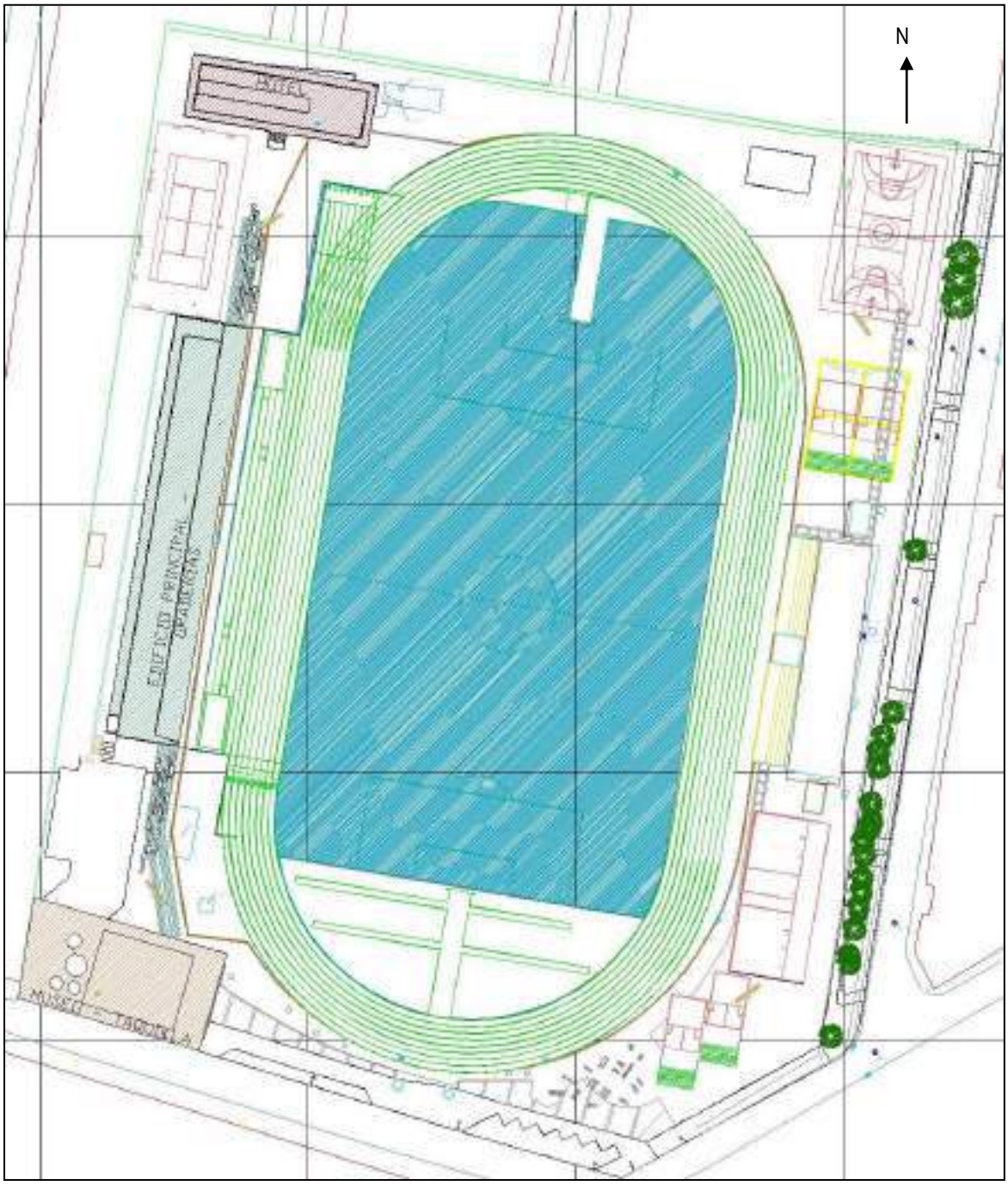


Figura 2. Planta de localización general en planta del proyecto.

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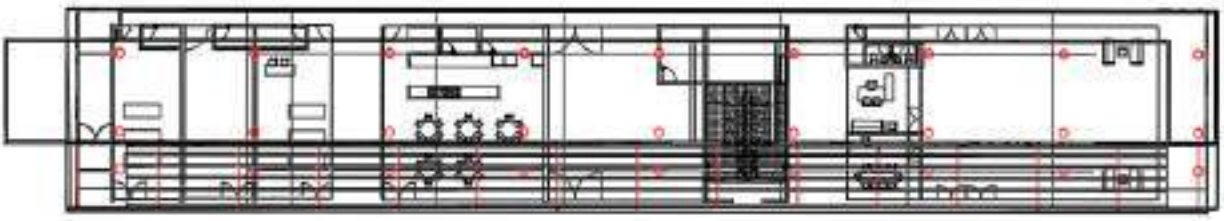


Figura 3. Vista arquitectónica en planta del edificio principal.

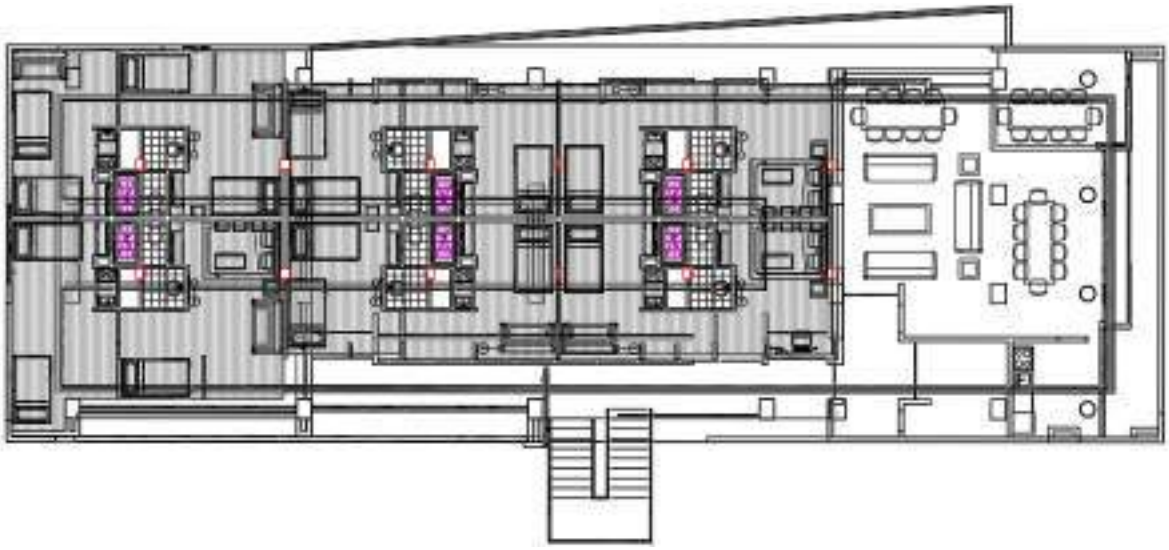


Figura 4. Vista arquitectónica en planta del hotel para atletas de alto rendimiento.

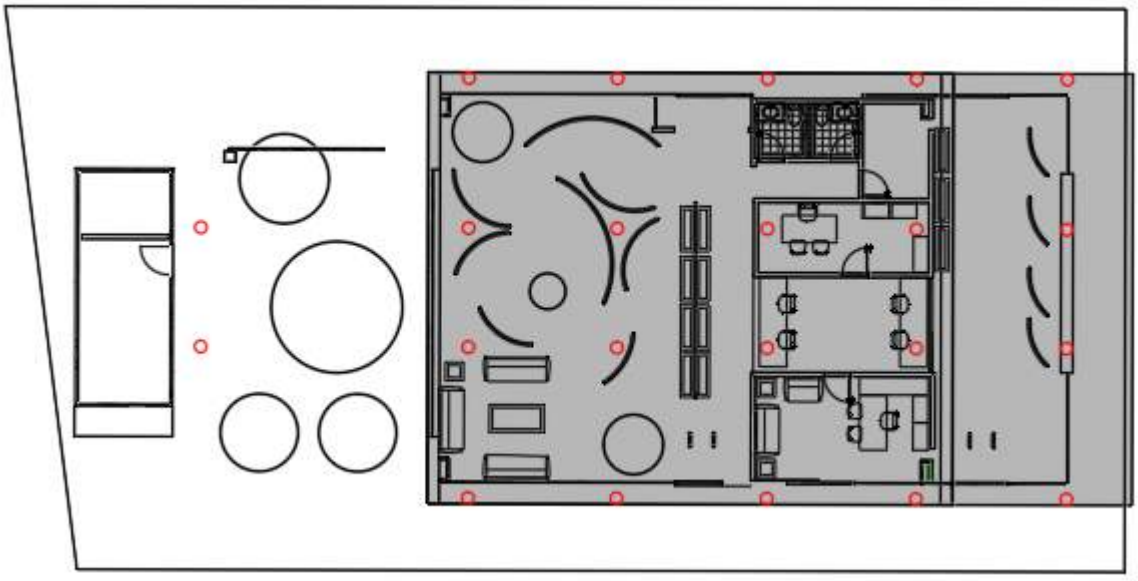


Figura 5. Vista arquitectónica en planta de la taquilla – museo.

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2.2 CARACTERÍSTICAS ESTRUCTURALES

2.2.1 LOCALIZACIÓN

Localización: Zipaquirá, Cundinamarca
Nivel de Amenaza Sísmica: Intermedia
Estudio Geotécnico: Universidad Nacional de Colombia
Diseño Arquitectónico: Universidad Nacional de Colombia

2.2.2 DESCRIPCIÓN DEL SISTEMA ESTRUCTURAL

El proyecto se diseñó como un sistema de pórticos resistentes a momento en concreto, con columnas de sección 45x65 cm y dos columnas circulares de diámetro 60 cm, elaborados en concreto de f'c: 28 MPa; vigas aéreas de 30x55 cm y 20x55 cm en la zona de oficinas, y 30x45, 20x45 en la zona de las graderías, elaboradas en concreto de f'c:28 MPa. Las escaleras fueron diseñadas con perfiles tubulares de sección 300x100x3. La cubierta se diseñó como una cercha con perfiles tubulares, la cual presenta voladizos de 4.97 m.

La estructura estará cimentada sobre zapatas aisladas, enlazadas con vigas de amarre de sección de 30x70 cm, en concreto de f'c:35 MPa. La profundidad de cimentación se definió teniendo en cuenta el estudio de suelos suministrado por la Universidad Nacional de Colombia.

Para el análisis y diseño de la estructura, se realizaron dos modelos independientes; el bloque A el cual está ubicado entre los ejes 1 y 7, y el bloque B el cual está ubicado entre los ejes 8 y 13. De la misma manera, se realizaron modelos independientes para la cubierta metálica y el mezzanine presente en el bloque A.

Para los elementos de concreto prefabricado presentes en las graderías, se realizó un modelo en donde se verificaron que las frecuencias verticales fueran menores a 5 Hz tal como se exige en el capítulo B.4.7 de NSR-10. Ver Anexo 15.

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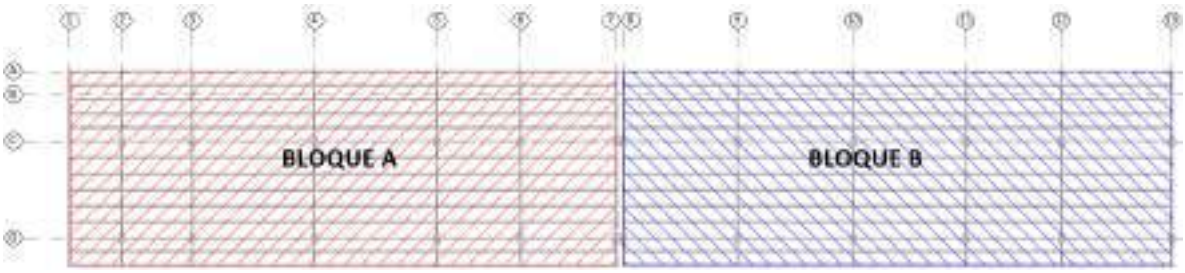


Figura 6. Vista extruida del modelo tridimensional

Se examinaron los requisitos presentes en el capítulo A.3.2.4 de NSR-10 con el fin de verificar si aplica la combinación de sistemas estructurales en altura, a continuación se presenta una tabla resumen indicando los resultados obtenidos, los cálculos detallados se presentan en el anexo 22.

Tabla 1. Verificación de la tabla A.3-5 de la NSR 10 sobre las estructuras de gradería

ÍTEM DE EVALUACIÓN	ESTRUCTURA A	ESTRUCTURA B
Ambas partes de la estructura, consideradas separadamente, puedan ser clasificadas como regulares de acuerdo a los requisitos de A.3.3	No cumple. La estructura es irregular	Cumple. La estructura es regular
El promedio de las rigideces de piso de la parte baja sean por lo menos 10 veces el promedio de rigidideces de piso de la parte alta	No cumple. La rigidez promedio de la parte baja es 8.5 veces mayor a la rigidez de la parte alta	No cumple. La rigidez promedio de la parte baja es 8.7 veces mayor a la rigidez de la parte alta
El período de la estructura, considerada como un todo, no sea mayor de 1.1 veces el período de la parte superior, al ser considerada como una estructura independiente empotrada en la base	No cumple. La relación entre el período total de la estructura y de la parte superior corresponde a 2.49	No cumple. La relación entre el período total de la estructura y de la parte superior corresponde a 2.47

2.2.3 CAPACIDAD DE DISIPACIÓN DE ENERGÍA

De acuerdo con el material de la estructura y las características del sistema de resistencia sísmica, así como el uso que tendrá la construcción, se establece el grado de disipación de energía para el proyecto como Disipación de Energía Moderado (DMO). El coeficiente de capacidad de disipación de energía básico utilizado, de acuerdo con el Titulo A de Ro=5.00 y coeficiente de sobreresistencia Ω=3.00.

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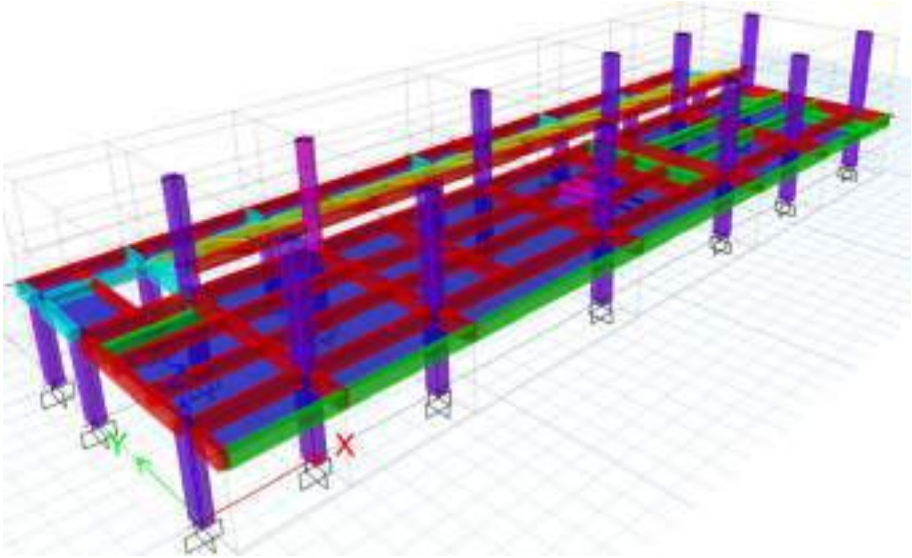


Figura 7. Vista extruida del modelo tridimensional del Bloque A.

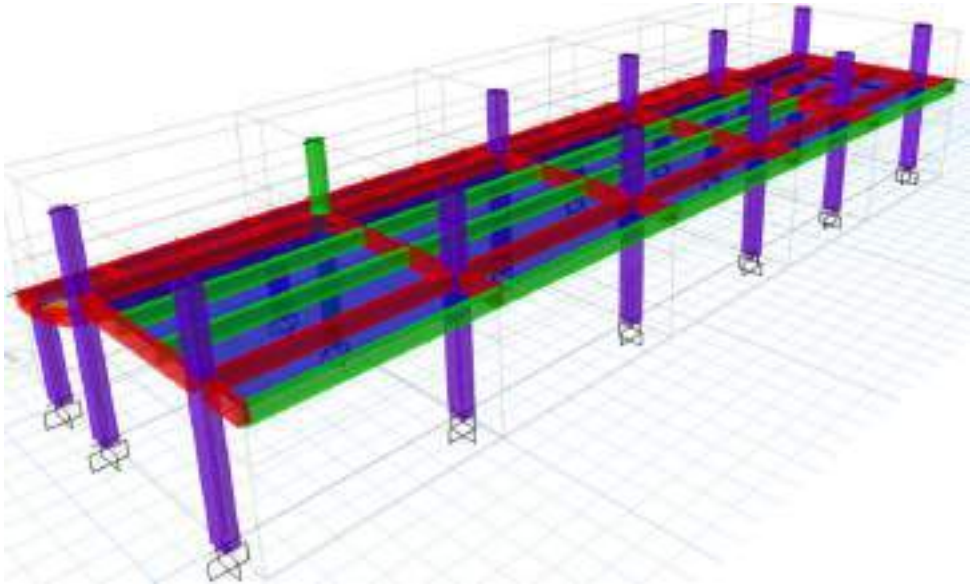


Figura 8. Vista extruida del modelo tridimensional del Bloque B.

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Figura 9. Identificación de puntos en la base Bloque A.



Figura 10. Identificación de puntos en la base Bloque B.

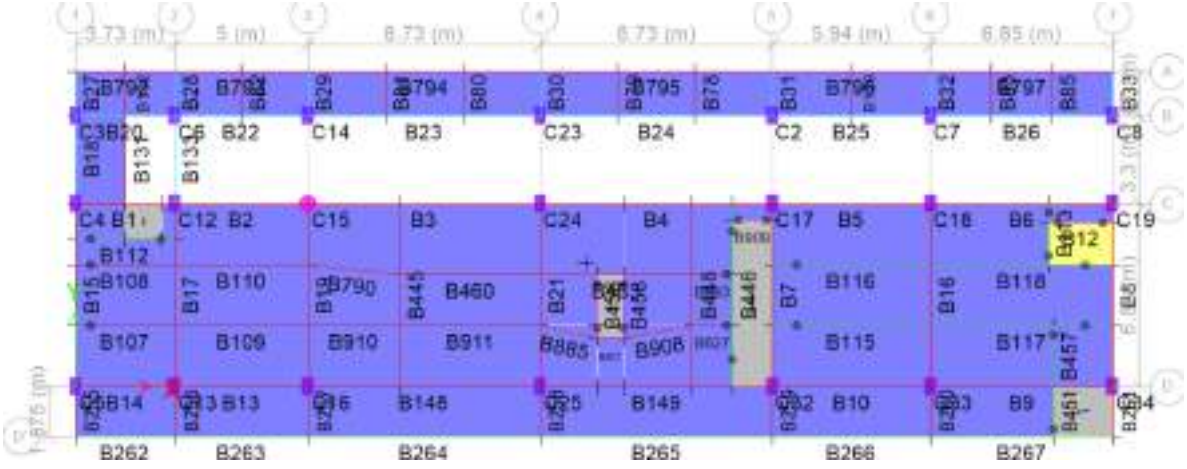


Figura 11. Identificación de elementos NE+3.30 Bloque A.

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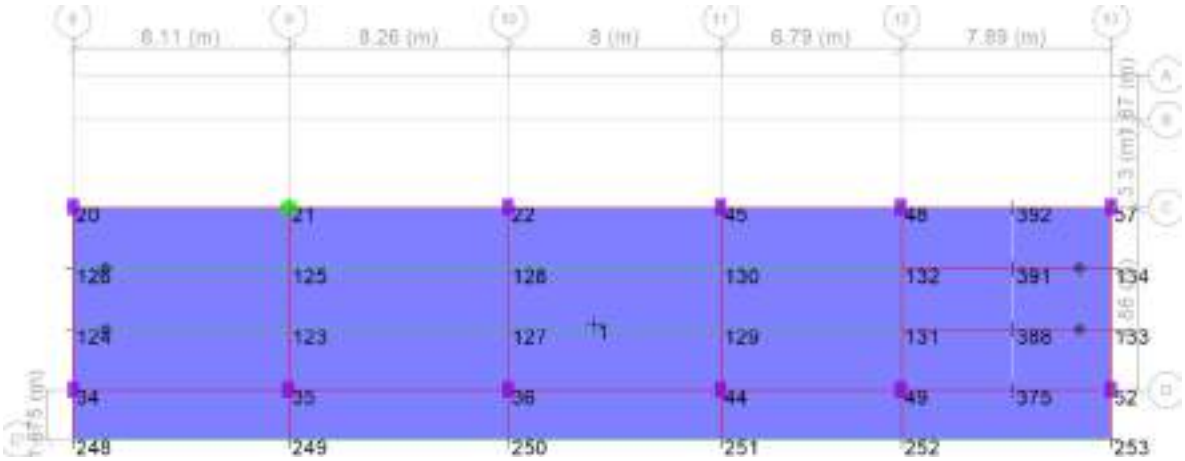


Figura 12. Identificación de elementos NE+5.00 Bloque B.

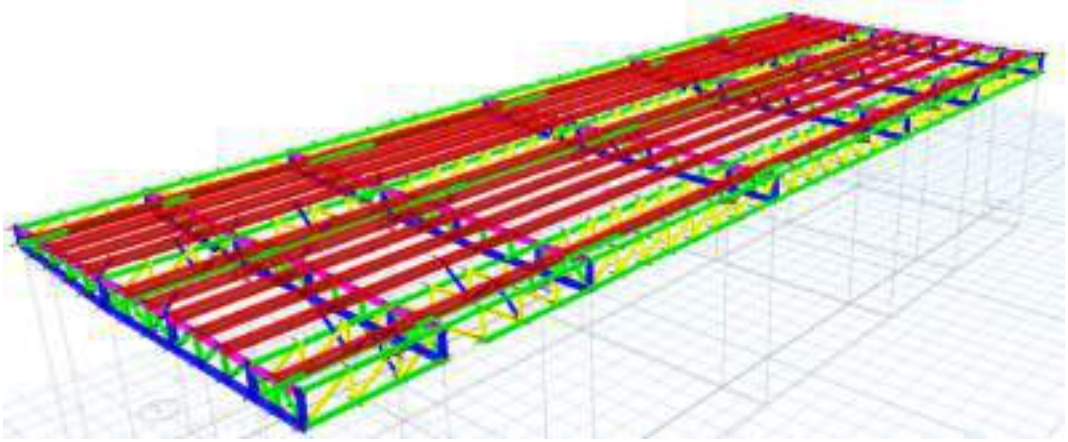


Figura 13. Vista extruida del modelo tridimensional de la cubierta.

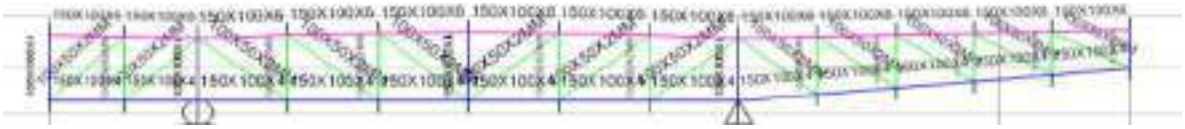


Figura 14. Secciones de elementos de la cercha.

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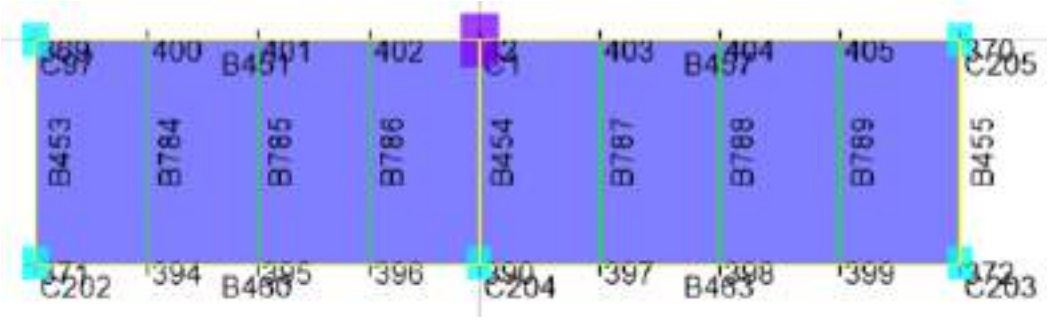


Figura 15. Identificación de elementos NE+5.00 Mezzanine.

3.2 ANÁLISIS DE CARGAS

3.2.1 CARGAS GRAVITACIONALES DE DISEÑO

Las cargas muertas se calcularon de acuerdo con el peso propio de todos los elementos considerados a partir de la masa de los materiales según su densidad. Las cargas muertas utilizadas en el diseño se presentan en el Anexo 1.

3.2.2 CARGAS SÍSMICAS

De acuerdo con la localización del proyecto, este se encuentra en la Zona de amenaza sísmica intermedia en el mapa de zonificación sísmica de Colombia. Para el cálculo de la fuerza sísmica se tomaron los parámetros determinados por el estudio de suelos aportado por la Universidad Nacional de Colombia.

La estimación de las solicitaciones a la estructura, debido a los efectos del sismo de diseño, se obtiene de un análisis de fuerza horizontal equivalente (Reglamento de Construcción Sismo Resistente NSR-10 A.5) Se realiza el análisis con dos espectros debido al grupo e uso de la edificación, un espectro para el análisis de derivas con un coeficiente de importancia de 1.0 y un espectro de diseño con un coeficiente de importancia de 1.25, según el grupo de uso de la edificación como Grupo III. Los espectros de diseño y de derivas se presentan a continuación:

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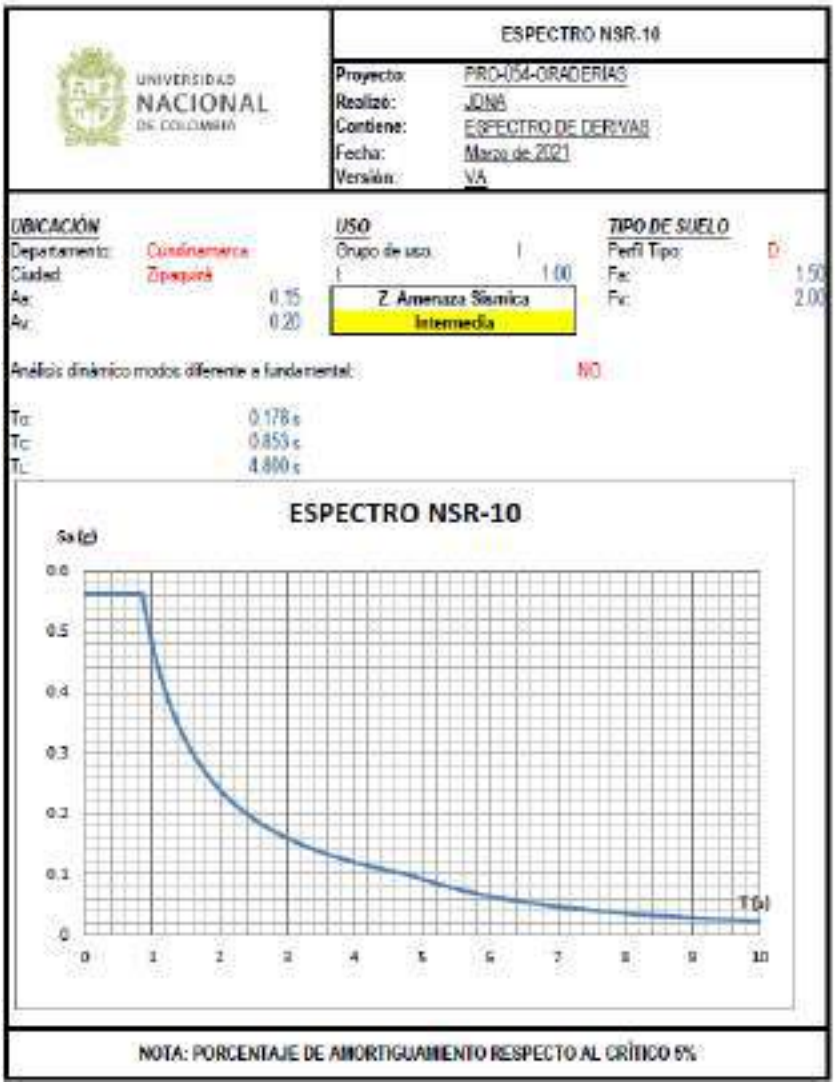


Figura 16. Espectro de derivas

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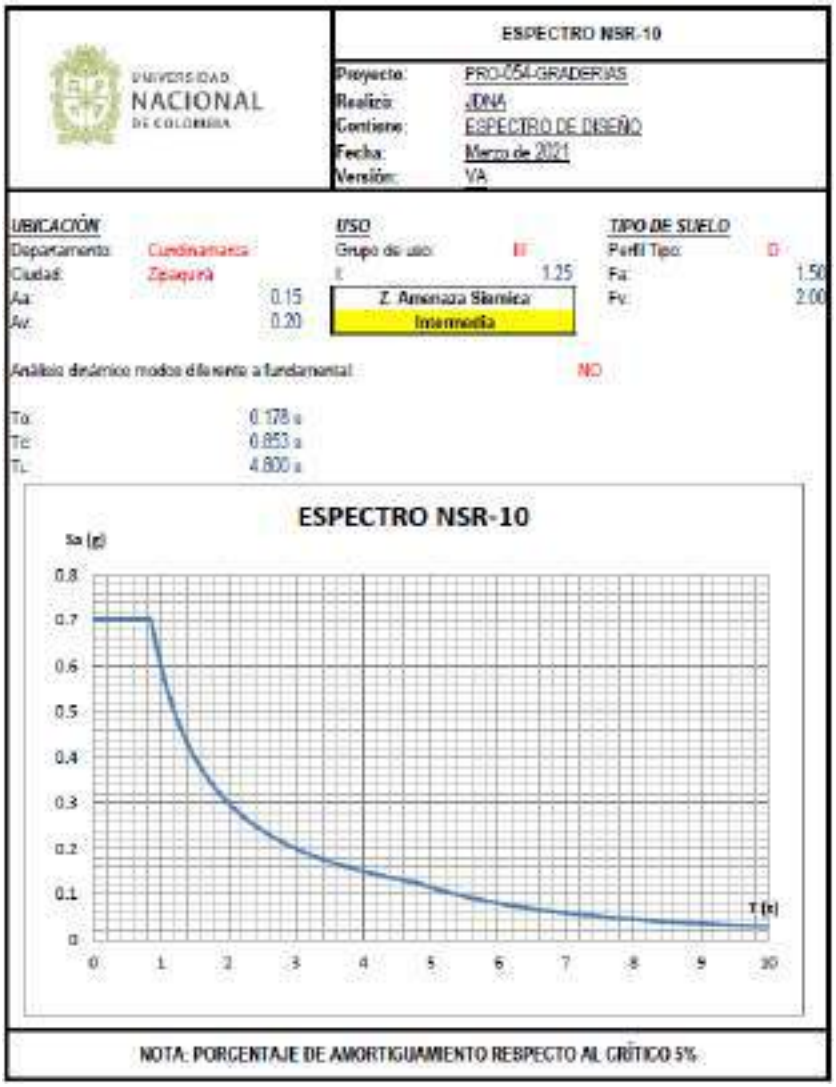


Figura 17. Espectro de diseño

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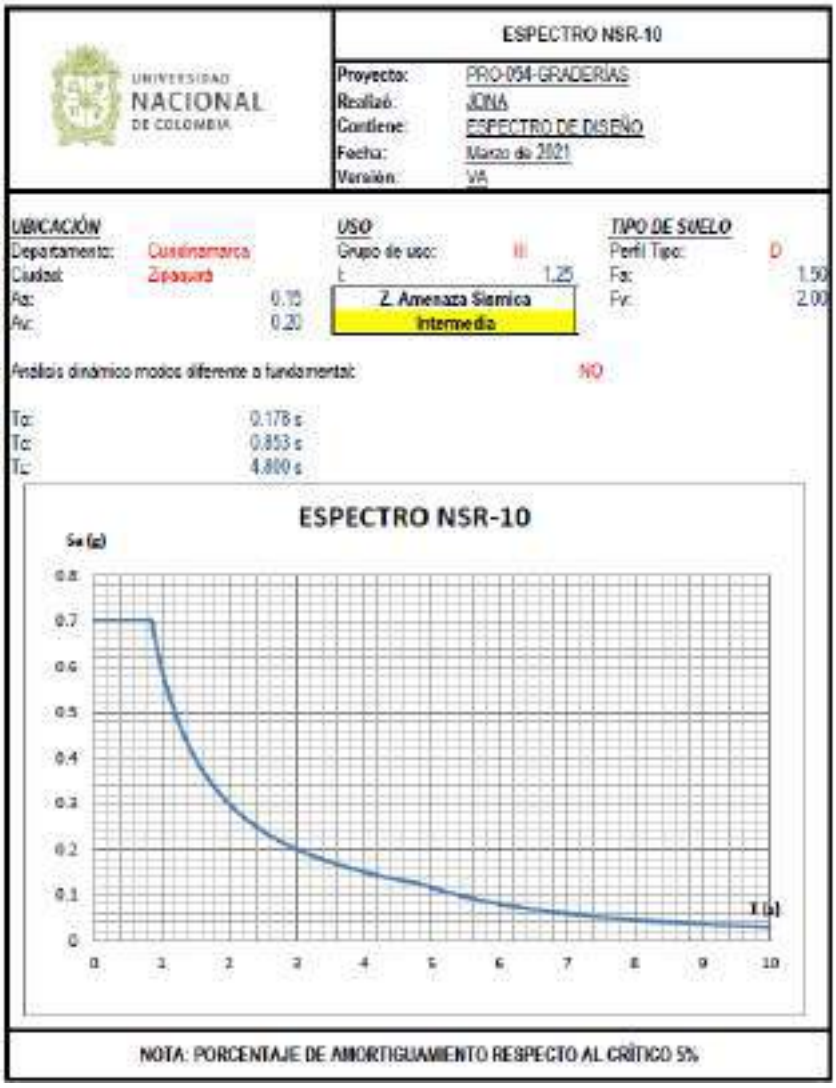


Figura 18. Espectro para el umbral de daño

3.2.3 CARGAS DE VIENTO

No se tuvieron en cuenta para el análisis estructural debido a que su efecto sobre la estructura es menor que el ocasionado por las acciones sísmicas, pero si se tuvieron en cuenta para el diseño de los elementos de la cubierta.

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Se llevó a cabo el diseño de los elementos estructurales de la cubierta, considerando las cargas actuantes sobre los mismos. Adicional se tuvieron en cuenta las cargas del viento, por lo cual fue necesario determinar la región asociada, acorde a la Figura B.6.4-1 de NSR10, donde se especifica que la ubicación del proyecto corresponde a una región Tipo 3, cuya velocidad del viento asociada es de 28 m/s.

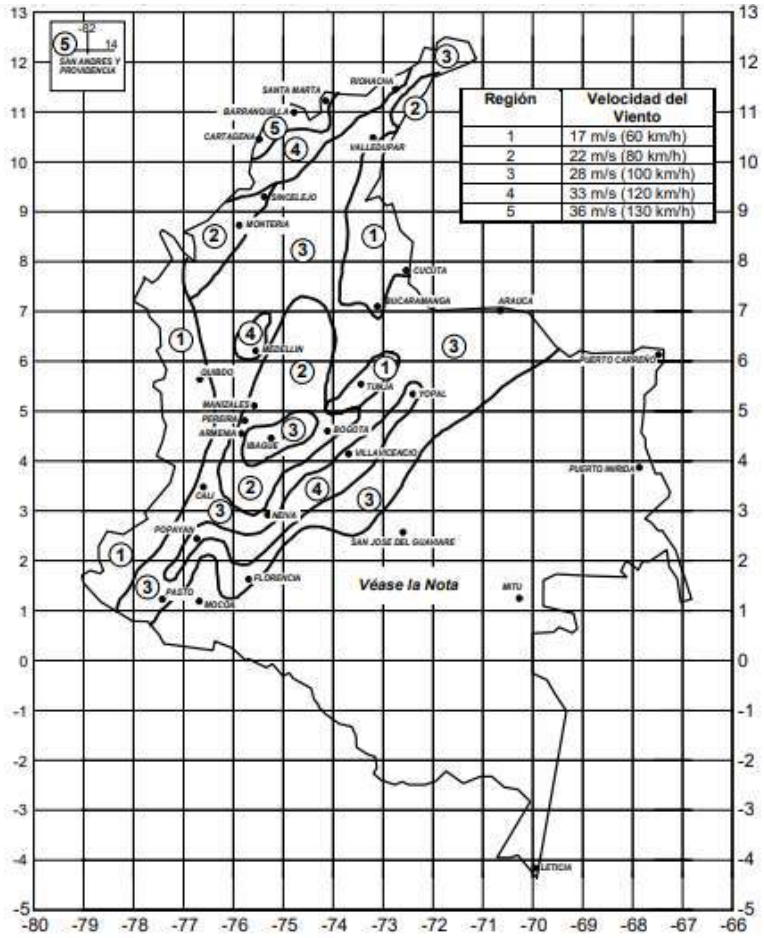


Figura 19. Velocidad del viento básico. Fuente: Figura B.6.4-1 de NSR10

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3.3 ANÁLISIS DINÁMICO ESPECTRAL

Para el diseño se consideró la utilización de un modelo tridimensional, el cual tiene en cuenta la distribución de las masas y la rigidez de la estructura.

Con base en dicho análisis, se determinan las solicitaciones sobre la estructura a partir de la aplicación de las acciones externas combinadas de acuerdo a las combinaciones de carga definidas en el Titulo B capítulos 3 y 4, del Reglamento de Construcción Sismo Resistente NSR-10.

3.3.1 MODOS DE VIBRACIÓN Y PARTICIPACIÓN MODAL

Según el Reglamento de Construcción Sismo Resistente NSR–10, en el capítulo A.13.1 los modos de vibración *"Son las diferentes formas de vibración propias de la estructura. A cada modo de vibración corresponde una frecuencia de vibración propia. La respuesta dinámica de la estructura, en el rango elástico, se puede expresar como la superposición de los efectos de los diferentes modos. Una estructura tiene tantos modos de vibración, como grados de libertad tenga."*

Teniendo en cuenta esta definición se hallaron los modos de vibración de las distintas estructuras de manera tal que se tuviera por lo menos un aporte en masa modal del 90% de la masa total de la edificación en cada una de las direcciones principales horizontales (ejes X, Y). En el Anexo 4 se encuentra la participación modal de la estructura.

3.3.2 CORTANTE BASAL

De acuerdo a lo estipulado en el Reglamento de Construcción Sismo Resistente NSR – 10 en el capítulo A.4 (Fuerza horizontal equivalente), se calculó el cortante basal considerando el periodo aproximado y el calculado con base en la participación modal de la estructura. A continuación, se presenta el cálculo de la fuerza horizontal equivalente de los dos bloques.

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UNIVERSIDAD NACIONAL DE COLOMBIA

AJUSTE DE LOS RESULTADOS SEGÚN LA NSR-10

Proyecto:	PRO054-DISEÑO GRADERÍAS-ESTRUCTURA-A
Realizó:	JDNA
Contiene:	Comparación Cortante basal dinamico Vs Cortante basal por FHE
Fecha:	Marzo de 2021

**** Para los casos espectrales utilizados para calcular derivas***

Este no es amplificado por el factor de importancia (I)

Av:	0.2
Fv:	2.0
Tmodx:	0.23 s
Tmody:	0.19 s

- ***FUERZA HORIZONTAL EQUIVALENTE***

- ***Peso de la estructura*** W: 5749.1 kN

-***Altura de la edificación:*** h_n: 7.49 m

-***Coef para calcular el periodo:***

	Dirección x		Dirección y
C_t:	0.047	C_t	0.047
α:	0.9	α:	0.9
Ta:	0.287 s	**Ta:**	0.287 s
Cu:	1.270	**Cu:**	1.270
Tmax:	0.37 s	**Tmax:**	0.37 s
Tdef:	0.23 s	**Tdef:**	0.19 s

- ***Periodo aproximado:***

-***Máxima aceleración de diseño:*** **Sax:** 0.563 **Say:** 0.563

-FHE:	3233.87 KN	3233.87 KN

- ***Caso del espectro de respuesta:*** en *x* : **SX** en *y* : **SY**

- Cortante basal dinámico:	Vx:	2544.79 KN	Vy:	2415.08 KN
- Regularidad:		IRREGULAR		IRREGULAR
- % de la FHE que debe cumplir:		90.00%		90.00%
- FHE (%):		78.7%		74.7%
- Factor:		1.144		1.205
- Factor de amplificación espectro:	**en x:**	**11.22**	**en y:**	**11.82**

Figura 20. Cálculo de la Fuerza Horizontal Equivalente Bloque A.

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AJUSTE DE LOS RESULTADOS SEGÚN LA NSR-10

Proyecto:	PRO054-DISEÑO GRADERÍAS-ESTRUCTURA-B
Realizó:	IDNA
Contiene:	Comparación Cortante basal dinamico Vs Cortante basal por FHE
Fecha:	Marzo de 2021

** Para los casos espectrales utilizados para calcular derives*

Este no es amplificado por el factor de importancia (I)

				Av:	0.2
- FUERZA HORIZONTAL EQUIVALENTE				Fv:	2.0
- Peso de la estructura	W:	5360.38 kN		Tmodx:	0.29 s
-Altura de la edificación:	h_n:	7.46 m		Tmody:	0.24 s
-Coef para calcular el periodo:		Dirección x		Dirección y	
	C_t:	0.047	C_t:	0.047	
	α:	0.9	α:	0.9	
- Periodo aproximado:	Ta:	0.287 s	Ta:	0.287 s	
	Cu:	1.270	Cu:	1.270	
	Tmax:	0.37 s	Tmax:	0.37 s	
	Tdef:	0.29 s	Tdef:	0.24 s	
-Máxima aceleración de diseño:	Sax:	0.563	Say:	0.563	
-FHE:		3015.21 KN		3015.21 KN	

- Caso del espectro de respuesta:	en x :	SX		en y :	SY
- Cortante basal dinámico:	Vx:	2914.16 KN		Vy:	2942.66 KN
- Regularidad:		REGULAR			REGULAR
- % de la FHE que debe cumplir:		80.00%			80.00%
- FHE (%):		96.6%			97.6%
- Factor:		1.000			1.000
- Factor de amplificación espectro:	en x:	9.81		en y:	9.81

Figura 21. Cálculo de la Fuerza Horizontal Equivalente Bloque B.

3.3.3 ANÁLISIS DE DERIVAS

Según el Reglamento de Construcción Sismo Resistente NSR – 10 *"Se entiende por deriva el desplazamiento horizontal relativo entre dos puntos colocados en la misma línea vertical, en dos pisos o niveles consecutivos de la edificación."*

Además, en el capítulo A.6.4.1 se especifica el límite máximo de deriva que puede tener la edificación en cualquier punto de la estructura. Dada la tabla A.6.4-1 de la NSR – 10 que se muestra a continuación, el límite máximo de la deriva para un sistema estructural de concreto reforzado del 1.0% de la altura del piso i medida desde la superficie del diafragma del piso i hasta la superficie del diafragma del piso inmediatamente inferior, i-1.

Estructuras de:	Deriva máxima
concreto reforzado, metálicas, de madera, y de mampostería que cumplen los requisitos de A.6.4.2.2	$1.0\% \left(\Delta^i_{max} \leq 0.010\, h_{pi}\right)$
de mampostería que cumplen los requisitos de A.6.4.2.3	$0.5\% \left(\Delta^i_{max} \leq 0.005\, h_{pi}\right)$

Figura 22. Tabla A.6.4-1 NSR10

En el capítulo A.6.2.1.2 se especifica que "En las edificaciones pertenecientes a los grupos de uso II, III y IV, para la determinación de las fuerzas horizontales que se empleen para calcular los desplazamientos horizontales y torsionales en el centro de masa, se permite que el coeficiente de importancia I, tenga un valor igual a la unidad (I = 1.0) y las fuerzas de diseño a emplear para obtener la resistencia de la estructura deben utilizar el valor del coeficiente de importancia I correspondiente al grupo de uso de la edificación, tal como se define en A.2.5.2".

Dado lo anterior se utilizó el espectro de aceleraciones con un coeficiente de importancia de I = 1.0 para hallar los desplazamientos horizontales y posteriormente para calcular las derivas de piso para cada uno de los puntos de las estructuras, acorde a lo especificado en A.6.3.1 de NSR-10. Una vez calculadas las derivas se calculó el índice de flexibilidad de cada uno de los puntos comparando el valor obtenido con el valor máximo de 1.0%hpi.

Debido al grupo de uso en el cual se incluye la edificación analizada, es necesario llevar a cabo la verificación para los movimientos sísmicos correspondientes al umbral de daño y verificar el límite máximo de deriva acorde a lo especificado en la sección A.12.5.4 de NSR 10. Dada la tabla A.12.5-1 de la NSR – 10 que se muestra a continuación, el límite máximo de la deriva para umbral de daño para un sistema estructural de concreto reforzado es del 0.40% de la altura del piso i medida desde la superficie del diafragma del piso i hasta la superficie del diafragma del piso inmediatamente inferior, i-1, respecto a la altura de entrepiso.

Estructuras de:	Deriva máxima
concreto reforzado, metálicas, de madera, y de mampostería que cumplen los requisitos de A.12.5.3.1	$0.40\% \left(\Delta^i_{max} \leq 0.0040\, h_{pi}\right)$
de mampostería que cumplen los requisitos de A.12.5.3.2	$0.20\% \left(\Delta^i_{max} \leq 0.0020\, h_{pi}\right)$

Figura 23. Deriva máxima permitida para el umbral de daño por el Reglamento NSR-10

En el Anexo 7 se encuentran la tabla de derivas de la estructura.

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Proyecto cultural y colectivo de nación

4 CIMENTACIÓN

El edificio se apoyará sobre un sistema conformado por zapatas aisladas, enlazadas con vigas de amarre. La capacidad admisible según el estudio de suelos es de 122 kN/m2. Se muestra la localización de las zapatas en la Figura 24 y el diseño se presenta en el Anexo 13.

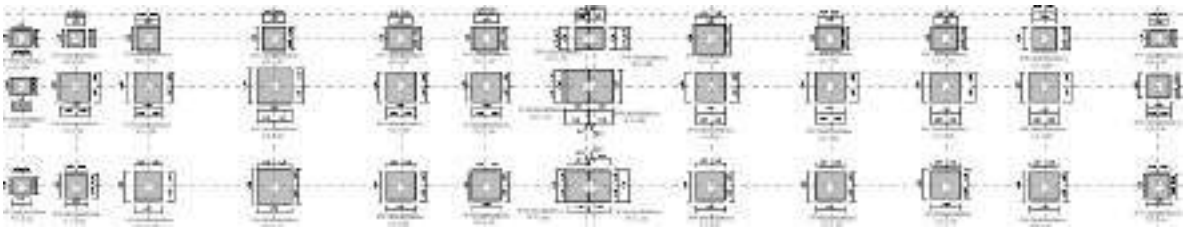


Figura 24. Localización de zapatas

5 MATERIALES DE CONSTRUCCIÓN

Las especificaciones de los materiales de construcción para el proyecto son:

1. Concretos:

- De limpieza: f'c = 145 kg/cm^2 (14.5 MPa)
- Cimentación: f'c = 35 kg/cm^2 (35 MPa)
- Columnas: f'c= 28 kg/cm^2 (28 MPa)
- Vigas, placas: f'c=28 kg/cm^2 (28 MPa)

2. Acero de Refuerzo:

- 3/8" y mayores fy=4200 kg/cm2 (420 MPa) según NTC-2289
- Malla Electro soldada: fy=4800 kg/cm2 (480MPa) según NTC-2310
- Perfiles tubulares estructurales ASTM A500 Gr C

6 DISEÑO ESTRUCTURAL

El diseño estructural se realizó conforme a las disposiciones de los Títulos A, B, C y F del Reglamento de Construcción Sismo Resistente NSR – 10 y sus decretos modificatorios.

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7 CONCLUSIONES Y RECOMENDACIONES

El presente documento se centra en el diseño estructural del BLOQUE PRINCIPAL, el cual va desde la superestructura, conformada por columnas, vigas aéreas y vigas secundarias y los elementos de cimentación, conformados por zapatas cuadradas y vigas de amarre.

Para el diseño de los cimientos, los cuales constan de zapatas superficiales, se considera la profundidad de desplante definida en el estudio de suelos, la cual es como mínimo de 1.5 m de profundidad respecto al nivel de implantación del edificio.

A cada estructura se le realizó el correspondiente avalúo de cargas, se determinó la participación modal, se llevó a cabo el ajuste por fuerza horizontal equivalente, se chequearon irregularidades, se verificaron los límites de deriva definidos por NSR-10 y se llevó a cabo el diseñó de los elementos estructurales asociados.

Debido a la posible exposición de los elementos estructurales ante una fuente externa de cloruros, se definió la resistencia del concreto de cimentación en 35 MPa, acorde a las exigencias de NSR-10 en la Tabla C.4.2.1, con el fin de garantizar la durabilidad tanto del concreto como del acero de refuerzo ante las acciones corrosivas. La clase de exposición se definió como C2.

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8 REFERENCIAS

8.1 NORMAS ESPECÍFICAS

NSR-10, (Marzo de 2010), Reglamento Colombiano de Construcción Sismo Resistente, Bogotá D.C.

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9 ANEXOS

Anexo 1. Avalúo de cargas

Anexo 2. Espectro de Derivas y Diseño

Anexo 3. Cálculo de Deflexiones

Anexo 4. Aporte de Masa Modal

Anexo 5. Irregularidades

Anexo 6. Cortante basal y ajuste por Fuerza Horizontal Equivalente

Anexo 7. Derivas de la Estructura

Anexo 8. Combinaciones de carga

Anexo 9. Reporte de ETABS

Anexo 10. Diseño de placa de entrepiso

Anexo 11. Diseño de vigas

Anexo 12. Diseño de columnas

Anexo 13. Diseño de cimentación

Anexo 14. Diseño de Escalera

Anexo 15. Diseño de Elementos prefabricados de graderías

Anexo 16. Diseño de Cubierta

Anexo 17. Diseño de Correas

Anexo 18. Diseño de Rampas

Anexo 19. Diseño de Muro de Contención

Anexo 20. Diseño de elementos no estructurales

Anexo 21. Verificación contra incendio

Anexo 22.Verificación de sistemas estructurales en altura.

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Sede Bogotá

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Anexo 1. Avalúo de cargas

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UNIVERSIDAD NACIONAL DE COLOMBIA

HOJA DE CALCULO PARA AVALÚO DE CARGAS DE PLACA ÁEREA

Proyecto:	PRO054-DISEÑO GRADERÍAS
Realizó:	JDNA
Contiene:	Avalúo de cargas de entrepiso
Fecha:	MARZO DE 2020
Versión:	VA

- CARGA MUERTA GRADERÍA

ITEM	Largo (m)	Ancho (m)	Alto (m)	γ (KN/m)	γ (KN/m2)	γ (KN/m3)	Peso (KN/m2)
Particiones					0.50		0.50
Silleteria Fija					0.20		0.20
Instalaciones					0.10		0.10
Cielo raso					0.10		0.10
Losa gradería					3.30		3.30
Escalones				1.26			
			CARGA MUERTA TOTAL:				4.20

- CARGA MUERTA ENTREPISO

ITEM	Largo (m)	Ancho (m)	Alto (m)	Sep. (m)	γ (KN/m2)	γ (KN/m3)	Peso (KN/m2)
Placa entrepiso			0.10			24.00	2.40
Acabados					1.10		1.10
Particiones					2.50		2.50
Instalaciones					0.10		0.10
Cielo raso					0.10		0.10
			CARGA MUERTA TOTAL:				6.20

- CARGA MUERTA MEZANINNE

ITEM	Largo (m)	Ancho (m)	Alto (m)	Sep. (m)	γ (KN/m2)	γ (KN/m3)	Peso (KN/m2)
Placa			0.08			24.00	1.92
Acabados					1.10		1.10
Particiones					2.00		2.00
Instalaciones					0.10		0.10
			CARGA MUERTA TOTAL:				5.12

- CARGA CUBIERTA

ITEM	Largo (m)	Ancho (m)	Alto (m)	Cantidad	γ (KN/m2)	γ (KN/m)	Peso (KN/m2)
Teja termoacùstica					0.08		0.08
Instalaciones y luminaria					0.03		0.03
Cielo raso					0.10		0.10
Correas						0.12	0.10
			CARGA MUERTA TOTAL:				0.31

- CARGA EN VOLADIZOS (VOL)

Zona de Amenaza Sismica:	Intermedia	Longitud Voladizo (m)	Carga Vol (KN/m)
Voladizo eje A	15%	1.74	1.10
Voladizo eje D	15%	2.05	1.91

- CARGA VIVA

Según NSR-10 Capitulo B.4.

Graderìas, corredoes y escaleras	5.00	KN/m2	CARGA VIVA	5.00
Oficinas	2.00	KN/m2	CARGA VIVA	2.00

CORPACERO Pioneros, Líderes y Expertos	Memorias de cálculo ANALISIS DE CARGAS DE VIENTO NSR - 10 (Procedimiento Analítico)	Fecha marzo 19 / 2021
	Proyecto **PRO-054**	Aprobó

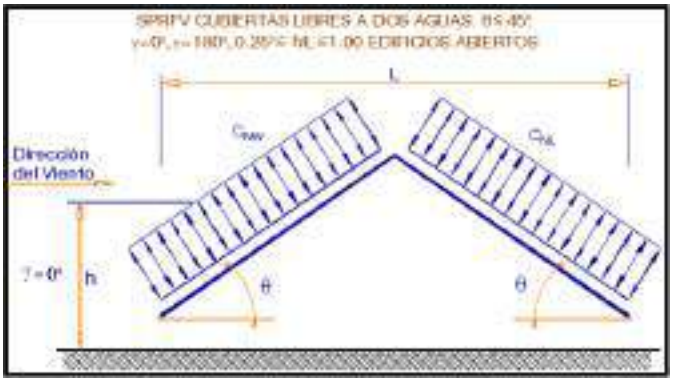
Fuerzas de Viento NSR-10

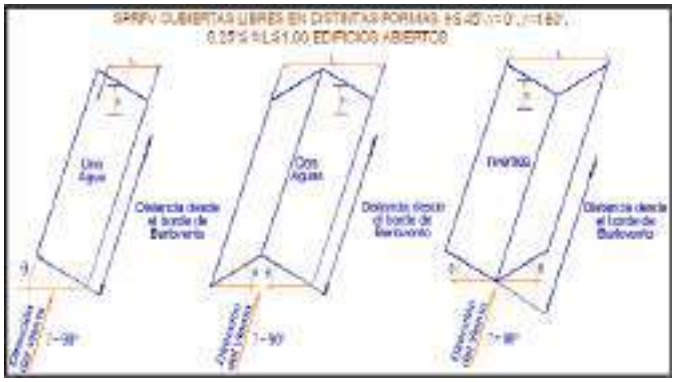
Análisis para Etapa:	Constructiva
Tipo Edificación:	Sistema Principal Resistente a la Fuerza de Viento
Sistema Estructural:	Porticos en Concreto
Clasificación de la Estructura:	Altura media de Cubierta (m):
Flujo de Viento:	10
	Libre
Dimensión Horizontal de la Estructura (Paralela al Viento) (L) (m):	Dimensión Horizontal de la Estructura (Normal al Viento
Ángulo de la Cubierta (°)	80
Tipo de Cubierta:	3.5
Velocidad de Viento Básica (Km/h) (Ver Mapa):	Dos Aguas
Grupo de Uso de la Estructura:	100
Región de la Estructura (m):	Región sin huracanes
Rugosidad del Terreno:	Rugosidad C
Categoria de Exposición:	C
La Estructura cumple TODOS los Efectos Topográficos (Ver Ayuda):	No

NOTA: Estas memorias de cálculo deben ser revisadas y aprobadas por un Ingeniero Calculista.

CORPACERO Pioneros, Líderes y Expertos	Memorias de cálculo ANALISIS DE CARGAS DE VIENTO NSR - 10 (Procedimiento Analítico)	Fecha marzo 19 / 2021
	Proyecto **PRO-054**	Aprobó

TIPO DE ESTRUCTURA: **Sistema Principal Resistente a la Fuerza de Viento**





Altura Media de la Estructura (h) (m):	10
Dimensión Horizontal de la Estructura (Paralela al Viento) (L) (m):	14
Dimensión Horizontal de la Estructura (Normal al Viento) (B) (m):	80
Ángulo de Inclinación de la Cubierta (Barlovento) :	3.5
Ángulo de Inclinación de la Cubierta (Sotavento) :	0
Periódo del Edificio (T) (seg):	0.37
Clasificación de la Estructura:	
ESTRUCTURA:	RIGIDA
EDIFICIO:	Abierto
EDIFICIO:	Bajo
FLUJO DE VIENTO:	Libre
TIPO DE CUBIERTA:	Dos Aguas
Velocidad de Viento Básica (Según Mapa) (V) (m/s):	28
Factor de Dirección de Viento (Kd):	0.85
Uso de la Estructura (grupo):	
Tipo de Región de la Estructura (Clase):	Región sin huracanes
Factor de Importancia (I):	1.25
Rugosidad de Terreno :	Rugosidad C
Altura de la Estructura por encima del Terreno (Z) (m):	10
Exponente para la ley potencial de la velocidad de ráfaga de 3 seg. (α) (-):	9.5
Altura nominal de la Capa Atmosférica Limite (Zg) (m):	274.3

NOTA: Estas memorias de cálculo deben ser revisadas y aprobadas por un Ingeniero Calculista.

Categoría de Exposición :	C
Coeficiente de Exposición de Presión por Velocidad (Kh):	1
Su Estructura cumple TODOS los Efectos Topográficos:	No
Factor Topográfico (Kzt):	1
Altura Equivalente de la Estructura (Zb) (m):	6
Factor de Escala de Longitud Integral (l) (m):	152.4
Exponente para la Ley Potencial (εb) (-):	1/5
Longitud Integral a Escala de la Turbulencia (Lzb) (m):	137.6
Factor de Respuesta del Entorno (Q) (-):	0.824
Intensidad de Turbulencia a la Altura zb (lzb) (-):	0.218
Factor Pico para Respuesta del Entorno y Viento respectivamente (gQ = gv) (-):	3.4
Velocidad de Viento Promedia por una hora a una altura z (Vbzb) (m/s):	16.824
Coeficiente de Amortiguamiento Critico (β) (-):	0.02
Frecuencia Natural del Edificio (η1) (Hz):	2.68
Frecuencia para RL (ηRL) (Hz):	34.343
Frecuencia para RB (ηRB) (Hz):	58.619
Frecuencia para Rh (ηRh) (Hz):	7.327
Factor de Respuesta para L (RL) (-):	0.029
Factor de Respuesta para B (RB) (-):	0.017
Factor de Respuesta para h (Rh) (-):	0.127
Frecuencia Reducida (N1) (-):	21.918
Valor (Rn) (-):	0.019
Factor de Respuesta de Resonancia (R) (-):	0.034
Factor Pico para Respuesta de Resonancia (gR) (-):	4.418
Presión de Velocidad (qh) (Kg/m²):	51.111
Factor de Efecto Ráfaga (G) (-):	0.834
Coeficiente de Presión Interna (GCpi+) (-):	0
Coeficiente de Presión Interna (GCpi-) (-):	0
a (m):	1.4

NOTA: Estas memorias de cálculo deben ser revisadas y aprobadas por un Ingeniero Calculista.

Categoría de Exposición :	C
Coeficiente de Exposición de Presión por Velocidad (Kh):	1
Su Estructura cumple TODOS los Efectos Topográficos:	No
Factor Topográfico (Kzt):	1
Altura Equivalente de la Estructura (Zb) (m):	6
Factor de Escala de Longitud Integral (l) (m):	152.4
Exponente para la Ley Potencial (εb) (-):	1/5
Longitud Integral a Escala de la Turbulencia (Lzb) (m):	137.6
Factor de Respuesta del Entorno (Q) (-):	0.824
Intensidad de Turbulencia a la Altura zb (Izb) (-):	0.218
Factor Pico para Respuesta del Entorno y Viento respectivamente (gQ = gv) (-):	3.4
Velocidad de Viento Promedia por una hora a una altura z (Vbzb) (m/s):	16.824
Coeficiente de Amortiguamiento Critico (β) (-):	0.02
Frecuencia Natural del Edificio (η1) (Hz):	2.68
Frecuencia para RL (ηRL) (Hz):	34.343
Frecuencia para RB (ηRB) (Hz):	58.619
Frecuencia para Rh (ηRh) (Hz):	7.327
Factor de Respuesta para L (RL) (-):	0.029
Factor de Respuesta para B (RB) (-):	0.017
Factor de Respuesta para h (Rh) (-):	0.127
Frecuencia Reducida (N1) (-):	21.918
Valor (Rn) (-):	0.019
Factor de Respuesta de Resonancia (R) (-):	0.034
Factor Pico para Respuesta de Resonancia (gR) (-):	4.418
Presión de Velocidad (qh) (Kg/m²):	51.111
Factor de Efecto Ráfaga (G) (-):	0.834
Coeficiente de Presión Interna (GCpi+) (-):	0
Coeficiente de Presión Interna (GCpi-) (-):	0
a (m):	1.4

NOTA: Estas memorias de cálculo deben ser revisadas y aprobadas por un Ingeniero Calculista.

Presión de Diseño para Edificios ABIERTOS:

COEFICIENTES DE PRESIÓN NETA EN DIRECCIÓN NORMAL A LA CUMBRERA		
Para Caso de Carga A, con $\gamma = 0°$	CN W	1.2
	CN L	0.3
Para Caso de Carga A, con $\gamma = 180°$	CN W	1.2
	CN L	0.3
Para Caso de Carga B, con $\gamma = 0°$	CN W	-1.1
	CN L	-0.1
Para Caso de Carga B, con $\gamma = 180°$	CN W	-1.1
	CN L	-0.1

PRESIÓN DE DISEÑO EN DIRECCIÓN NORMAL A LA CUMBRERA		
CUBIERTAS A DOS AGUAS O EN ARTESA	Barlovento (kg/m²)	Sotavento (kg/m²)
Caso de Carga A, para $\gamma = 0°$ y $\gamma = 180°$	51.152	12.788
Caso de Carga B, para $\gamma = 0°$ y $\gamma = 180°$	-46.889	-4.263

COEF. PRESIÓN NETA DIR. PARALELA A LA CUMBRERA (Dist. desde borde de Barlovento)		
ZONA DE LA CUBIERTA	Caso de Carga A (-)	Caso de Carga B (-)
≤ h	-0.8	0.8
> h, ≤ 2h	-0.6	0.5
> 2h	-0.3	0.3

PRESIÓN DE DISEÑO EN DIR. PARALELA A CUMBRERA (Dist. desde borde de Barlovento)		
ZONA DE LA CUBIERTA	Caso de Carga A (kg/m²)	Caso de Carga B (kg/m²)
≤ h	-34.101	34.101
> h, ≤ 2h	-25.576	21.313
> 2h	-12.788	12.788

*El NSR-10 (B.6.1.3) estipula que la presión de diseño no será menor de 0.40kN/m² (40 kg/m²)

NOTA: Estas memorias de cálculo deben ser revisadas y aprobadas por un Ingeniero Calculista.

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Anexo 2. Espectro de Derivas y Diseño

Av. Carrera 30 No.45-03 Ciudad Universitaria
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57 (1) 3165513 PBX 3165000 Ext. 13301/02/27
insei_bog@unal.edu.co
Bogotá, D. C., Colombia

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ESPECTRO NSR-10

Proyecto:	PRO-054-GRADERIAS
Realizó:	JDNA
Contiene:	ESPECTRO DE DERIVAS
Fecha:	Marzo de 2021
Versión:	VA

UBICACIÓN

Departamento:	Cundinamarca
Ciudad:	Zipaquirá
Aa:	0.15
Av:	0.20

USO

Grupo de uso:	I
I:	1.00

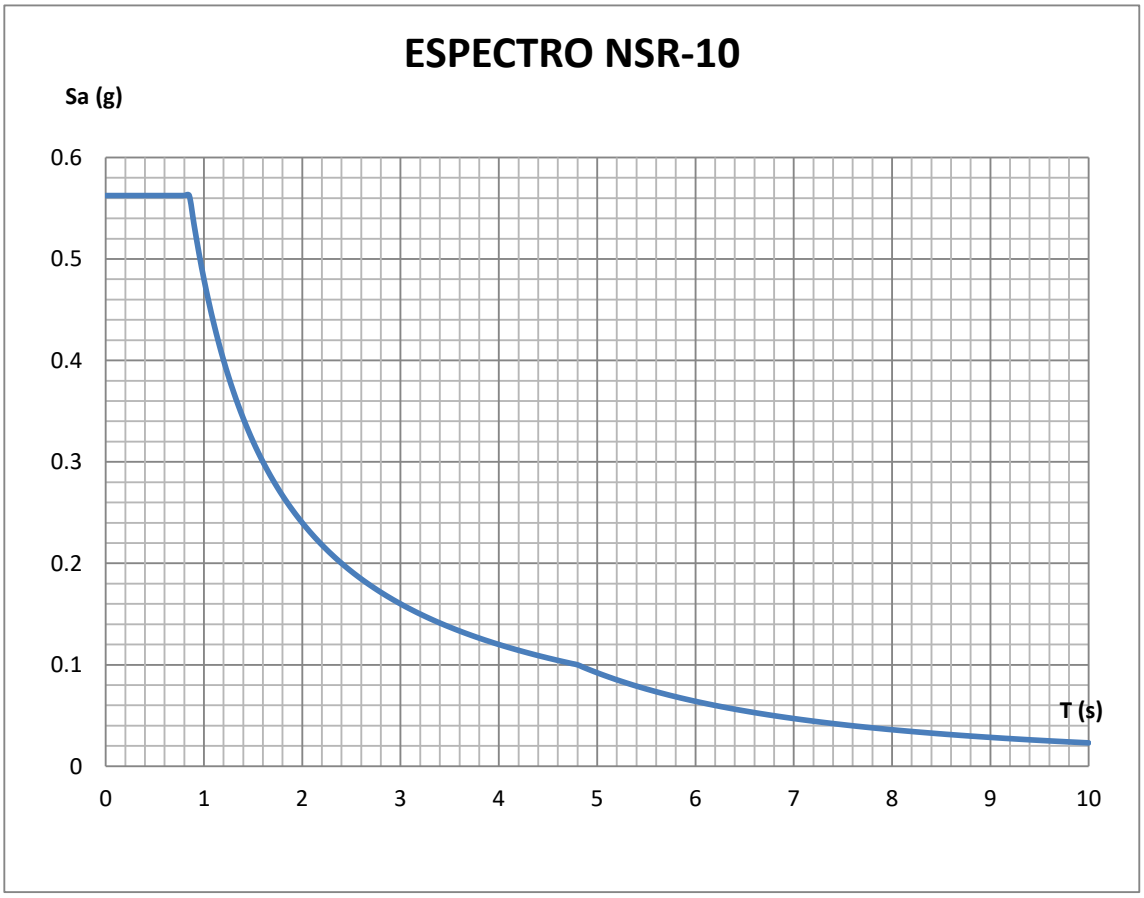
Z. Amenaza Sísmica
Intermedia

TIPO DE SUELO

Perfil Tipo:	D
Fa:	1.50
Fv:	2.00

Análisis dinámico modos diferente a fundamental: NO

To:	0.178 s
Tc:	0.853 s
TL:	4.800 s



NOTA: PORCENTAJE DE AMORTIGUAMIENTO RESPECTO AL CRÍTICO 5%

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ESPECTRO NSR-10

Proyecto:	PRO-054-GRADERÍAS
Realizó:	JDNA
Contiene:	ESPECTRO DE DISEÑO
Fecha:	Marzo de 2021
Versión:	VA

UBICACIÓN

Departamento:	Cundinamarca
Ciudad:	Zipaquirá
Aa:	0.15
Av:	0.20

USO

Grupo de uso:	III
I:	1.25

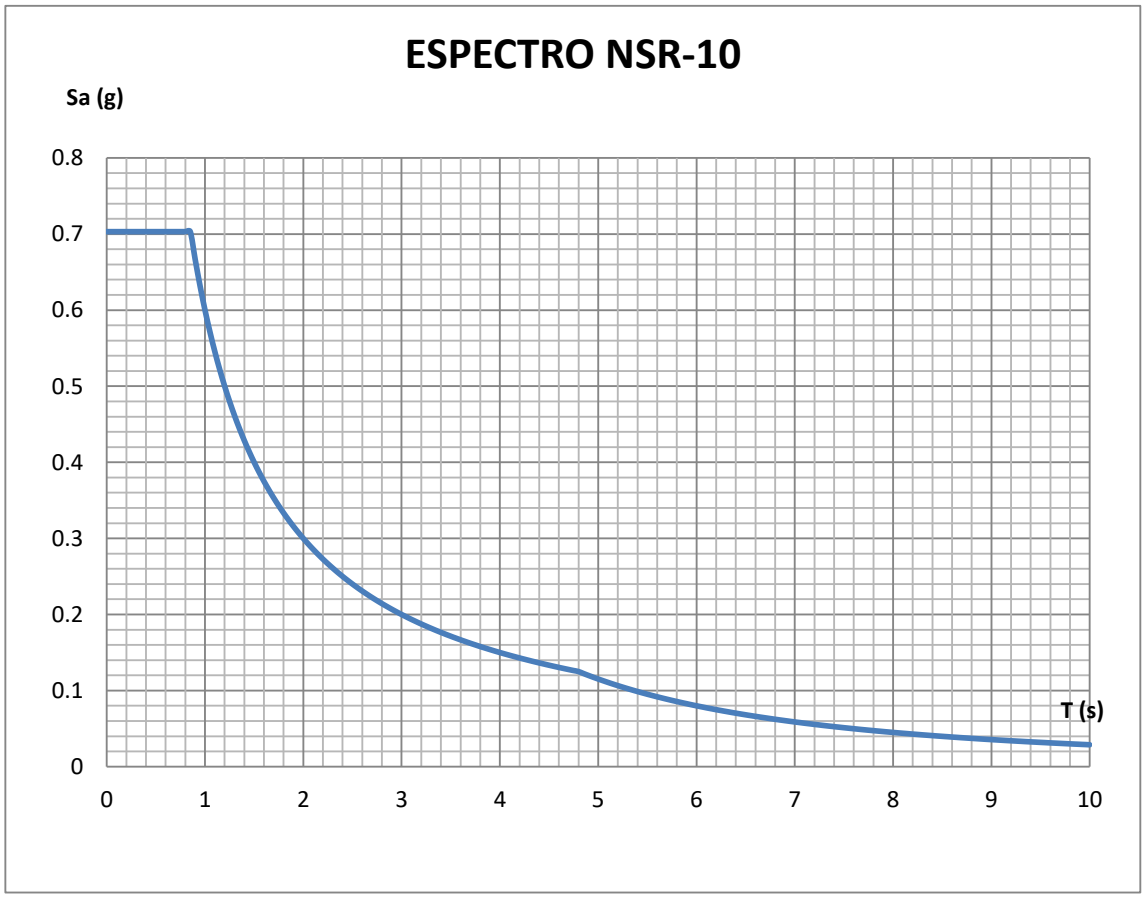
Z. Amenaza Sísmica
Intermedia

TIPO DE SUELO

Perfil Tipo:	D
Fa:	1.50
Fv:	2.00

Análisis dinámico modos diferente a fundamental: NO

To:	0.178 s
Tc:	0.853 s
TL:	4.800 s



NOTA: PORCENTAJE DE AMORTIGUAMIENTO RESPECTO AL CRÍTICO 5%

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ESPECTRO NSR-10

Proyecto:	PRO-054-GRADERÍAS
Realizó:	JDNA
Contiene:	ESPECTRO DE UMBRAL DE DAÑO
Fecha:	Marzo de 2021
Versión:	VA

UBICACIÓN

Departamento:	Cundinamarca
Ciudad:	Zipaquirá
Ad:	0.05
Av:	0.20
S:	2.5
TCd:	1.250 s
TLd:	6.000 s

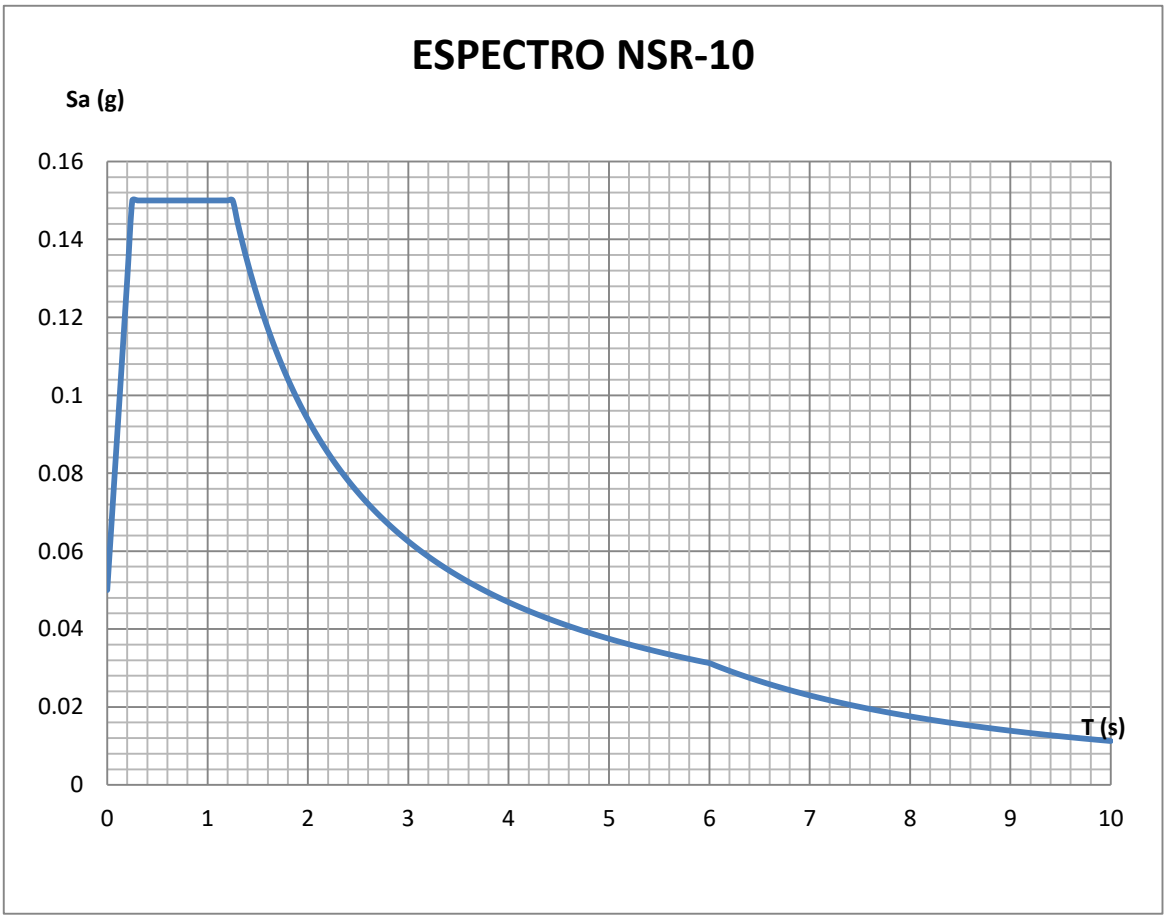
USO

Grupo de uso:	III
I:	1.25

Z. Amenaza Sísmica
Intermedia

TIPO DE SUELO

Perfil Tipo:	D
Fv:	2.00



NOTA: PORCENTAJE DE AMORTIGUAMIENTO RESPECTO AL CRÍTICO 2%

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Anexo 3. Cálculo de Deflexiones

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Bogotá, D. C., Colombia

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CALCULO DE DEFLEXIONES PARA VIGAS CONTINUAS

Proyecto:	PRO-054-ZIPA-GRADERÍAS
Realizó:	JDNA
Contiene:	Cálculo de delfexiones vigas principales
Fecha:	Marzo de 2021
Versión:	VA

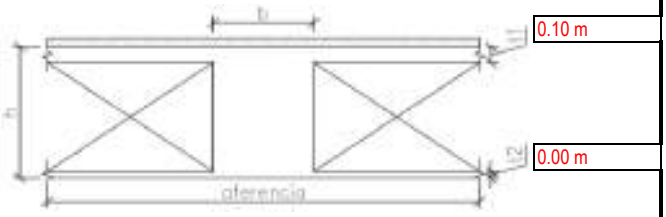
CARGAS

-Muerta:

	Por peso propio	Por Ele. No. Est		
Por m²:	**2.40 KN/m**	3.80 KN/m²	Aferencia:	2.37 m
adicional por metro:	0.00 KN/m			
Muerta total:	**14.69 KN/m**			

-Viva:

Por m²:	5.00 KN/m²
adicional por metro:	0.00 KN/m
Viva total:	**11.85 KN/m**



PROPIEDADES GEOMETRICAS DE LA VIGA

L:	8.73 m
b:	0.30 m
h:	0.55 m
Recubrimiento:	0.04 m
Ancho de apoyo	0.65 m
Pppio viga:	**3.24 KN/m**

PROPIEDADES DE LOS MATERIALES

f'c:	35.2 MPa
Ec:	**27885 MPa**
Fy:	420 MPa
E:	**200000 MPa**
Concreto:	NORMAL
n=	**7.17**

CUANTÍA DE REFUERZO

-Cuantía del refuerzo a tensión en el centro de la luz, ρ

Refuerzo	N°	Cantidad	N°	Cantidad
CL a tensión:	6	4	6	0

ρ = **0.007713** OK

-Cuantía del refuerzo a compresión en el centro de la luz, ρ'

Refuerzo	N°	Cantidad	N°	Cantidad
CL a compresión:	6	4	6	0

ρ' = **0.007713** OK

SOLICITACIONES

Analisis aproximado según NSR C.9.5.2

-Momentos positivos — *Condición de apoyo: Dejar en blanco*

Vano Interior

M_{+CM} = **73.18 KN-m** M_{+CV} = **48.35 KN-m**

-Momentos negativos

Apoyos muy rígidos

M_{-CM} = **97.57 KN-m** M_{-CV} = **64.47 KN-m**

CALCULO DEL MOMENTO DE INERCIA EFECTIVO

-Profundidad del eje neutro

Área transf. Compre = **12806.65 mm²**

Área transf. Tensión = **6883.17 mm²**

x = **118.96 mm**

Mom. de inercia de la sección transformada fisurada:

I_{cr} = **411068 cm4**

y_t = **43.10 cm**

-Mom. de inercia de la sección total de concreto

I_g = **415938 cm4**

-Momento de fisuración

M_{cr} = **35.50 kN-m** f_r = **3678.43 kPa**

M_a = **162.04 kN-m**

I_e = **411119 cm4** Menor entre I_e y I_g → I_e = **411119 cm4**

DEFLEXIONES ELÁSTICAS INMEDIATAS

$\delta_{N.ELE\ CM}$: 0.00356 m $\delta_{max\ CV}$: 0.00469 m

$\delta_{PPIO\ CM}$: 0.00353 m

DEFLEXIONES ADICIONALES A LARGO PLAZO

-Coeficiente de efectos a largo plazo, ξ

5 años o mas entonces ξ_{CM} = 2.0 ξ_{CV} = 1.0

$\lambda_{CM} = \frac{\xi}{1+50\rho'}$ = 1.44 $\lambda_{CV} = \frac{\xi}{1+50\rho'}$ = 1.00

La deflexión total considerando deflexiones adicionales a largo plazo es:

$\delta_{Total\ D+L}$: 0.01497 m $\delta_{Total\ L}$: 0.00469 m

VERIFICACIÓN DE LAS DEFLEXIONES MÁXIMAS ADMISIBLES

-Deflexión máxima admisible calculada - D+L

Sistema de entrepiso o cubierta que soporte o esté ligado a elementos no estructurales suceptibles de sufrir daños debido a deflexiones grandes

Nota:

Este límite se puede exceder si se toman medidas adecuadas para prevenir daños en elementos apoyados o unidos

-Deflexión máxima admisible calculada - L

Entrepisos que no soporten ni estén ligados a elementos no estructurales suceptibles de sufrir daños debido a deflexiones grandes

Nota:

$\delta_{admisible(D+L)}$:	0.0182 m
$\delta_{admisible\ (L)}$:	0.0243 m

CHEQUEO DE DEFLEXIONES

	$\delta_{Total} < \delta_{admisible}$	NOTA:
D+L	CUMPLE	
L	$\delta_{Total} < \delta_{admisible}$ CUMPLE	

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CALCULO DE DEFLEXIONES PARA VIGAS CONTINUAS

Proyecto:	PRO-054-ZIPA-GRADERÍAS
Realizó:	JDNA
Contiene:	Cálculo de delfexiones vigas secundarias
Fecha:	Marzo de 2021
Versión:	VA

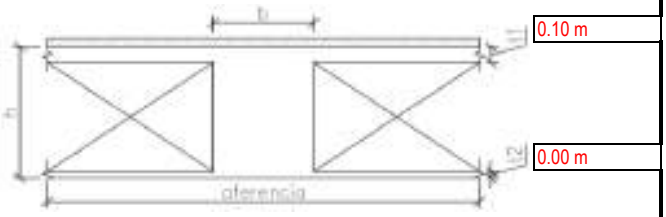
CARGAS

-Muerta:

	Por peso propio	Por Ele. No. Est		
Por m²:	**2.40 KN/m**	3.80 KN/m²	Aferencia:	2.37 m
adicional por metro:	0.00 KN/m			
Muerta total:	**14.69 KN/m**			

-Viva:

Por m²:	5.00 KN/m²
adicional por metro:	0.00 KN/m
Viva total:	**11.85 KN/m**



PROPIEDADES GEOMETRICAS DE LA VIGA

L:	8.73 m
b:	0.25 m
h:	0.55 m
Recubrimiento:	0.04 m
Ancho de apoyo	0.30 m
Pppio viga:	**2.70 KN/m**

PROPIEDADES DE LOS MATERIALES

f'c:	35.2 MPa
Ec:	**27885 MPa**
Fy:	420 MPa
E:	**200000 MPa**
Concreto:	NORMAL
n=	**7.17**

CUANTÍA DE REFUERZO

-Cuantía del refuerzo a tensión en el centro de la luz, ρ

Refuerzo	N°	Cantidad	N°	Cantidad
CL a tensión:	6	4	3	0
ρ =	**0.009256**	OK		

-Cuantía del refuerzo a compresión en el centro de la luz, ρ'

Refuerzo	N°	Cantidad	N°	Cantidad
CL a compresión:	6	4	3	0
ρ' =	**0.009256**	OK		

SOLICITACIONES

Analisis aproximado según NSR C.9.5.2

-Momentos positivos — *Condición de apoyo: Dejar en blanco*

Vano Interior

M_{+CM} = **77.26 KN-m** M_{+CV} = **52.63 KN-m**

-Momentos negativos

Apoyos muy rígidos

M_{-CM} = **103.01 KN-m** M_{-CV} = **70.18 KN-m**

CALCULO DEL MOMENTO DE INERCIA EFECTIVO

-Profundidad del eje neutro

Área transf. Compre = **12806.65 mm²**

Área transf. Tensión = **6883.17 mm²**

x = **125.53 mm**

Mom. de inercia de la sección transformada fisurada:

I_{cr} = **489430 cm4**

y_t = **42.45 cm**

-Mom. de inercia de la sección total de concreto

I_g = **346615 cm4**

-Momento de fisuración

M_{cr} = **30.04 kN-m**

f_r = **3678.43 kPa**

M_a = **173.19 kN-m**

I_e = **488685 cm4** Menor entre I_e y I_g → I_e = **346615 cm4**

DEFLEXIONES ELÁSTICAS INMEDIATAS

$\delta_{N.ELE\ CM}$: 0.00423 m $\delta_{max\ CV}$: 0.00556 m

$\delta_{PPIO\ CM}$: 0.00394 m

DEFLEXIONES ADICIONALES A LARGO PLAZO

-Coeficiente de efectos a largo plazo, ξ

5 años o mas entonces ξ_{CM} = 2.0 ξ_{CV} = 1.0

$\lambda_{CM} = \frac{\xi}{1+50\rho'}$ = 1.37 $\lambda_{CV} = \frac{\xi}{1+50\rho'}$ = 1.00

La deflexión total considerando deflexiones adicionales a largo plazo es:

$\delta_{Total\ D+L}$: 0.01702 m $\delta_{Total\ L}$: 0.00556 m

VERIFICACIÓN DE LAS DEFLEXIONES MÁXIMAS ADMISIBLES

-Deflexión máxima admisible calculada - D+L

Sistema de entrepiso o cubierta que soporte o esté ligado a elementos no estructurales suceptibles de sufrir daños debido a deflexiones grandes

Nota:

Este límite se puede exceder si se toman medidas adecuadas para prevenir daños en elementos apoyados o unidos

-Deflexión máxima admisible calculada - L

Entrepisos que no soporten ni estén ligados a elementos no estructurales suceptibles de sufrir daños debido a deflexiones grandes

Nota:

$\delta_{admisible(D+L)}$:	0.0182 m
$\delta_{admisible\ (L)}$:	0.0243 m

CHEQUEO DE DEFLEXIONES

	$\delta_{Total} < \delta_{admisible}$	NOTA:
D+L	CUMPLE	
L	$\delta_{Total} < \delta_{admisible}$ CUMPLE	

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CALCULO DE DEFLEXIONES PARA VIGAS CONTINUAS

Proyecto:	PRO-054-ZIPA-GRADERÍAS
Realizó:	JDNA
Contiene:	Cálculo de delfexiones vigas secundarias
Fecha:	Marzo de 2021
Versión:	VA

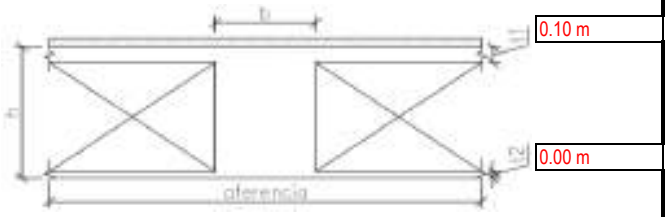
CARGAS

-Muerta:

	Por peso propio	Por Ele. No. Est		
Por m²:	**2.40 KN/m**	3.80 KN/m²	Aferencia:	2.37 m
adicional por metro:	0.00 KN/m			
Muerta total:	**14.69 KN/m**			

-Viva:

Por m²:	2.00 KN/m²
adicional por metro:	0.00 KN/m
Viva total:	**4.74 KN/m**



PROPIEDADES GEOMETRICAS DE LA VIGA

L:	8.73 m
b:	0.20 m
h:	0.55 m
Recubrimiento:	0.04 m
Ancho de apoyo	0.30 m
Pppio viga:	**2.16 KN/m**

PROPIEDADES DE LOS MATERIALES

f'c:	35.2 MPa
Ec:	**27885 MPa**
Fy:	420 MPa
E:	**200000 MPa**
Concreto:	NORMAL
n=	**7.17**

CUANTÍA DE REFUERZO

-Cuantía del refuerzo a tensión en el centro de la luz, ρ

Refuerzo	N°	Cantidad	N°	Cantidad
CL a tensión:	5	4	3	0

ρ = **0.008081** OK

-Cuantía del refuerzo a compresión en el centro de la luz, ρ'

Refuerzo	N°	Cantidad	N°	Cantidad
CL a compresión:	5	4	3	0

ρ' = **0.008081** OK

SOLICITACIONES

Analisis aproximado según NSR C.9.5.2

-Momentos positivos — *Condición de apoyo: Dejar en blanco*

Vano Interior

M_{+CM} = **74.86 KN-m** M_{+CV} = **21.05 KN-m**

-Momentos negativos

Apoyos muy rígidos

M_{-CM} = **99.81 KN-m** M_{-CV} = **28.07 KN-m**

CALCULO DEL MOMENTO DE INERCIA EFECTIVO

-Profundidad del eje neutro

Área transf. Compre = **9287.12 mm²**

Área transf. Tensión = **4991.53 mm²**

x = **120.56 mm**

Mom. de inercia de la sección transformada fisurada:

I_{cr} = **299863 cm4**

y_t = **42.94 cm**

-Mom. de inercia de la sección total de concreto

I_g = **277292 cm4**

-Momento de fisuración

M_{cr} = **23.75 kN-m** f_r = **3678.43 kPa**

M_a = **127.88 kN-m**

I_e = **299718 cm4** Menor entre I_e y I_g → I_e = **277292 cm4**

DEFLEXIONES ELÁSTICAS INMEDIATAS

$\delta_{N.ELE\ CM}$: 0.00529 m $\delta_{max\ CV}$: 0.00278 m

$\delta_{PPIO\ CM}$: 0.00461 m

DEFLEXIONES ADICIONALES A LARGO PLAZO

-Coeficiente de efectos a largo plazo, ξ

5 años o mas entonces ξ_{CM} = 2.0 ξ_{CV} = 1.0

$\lambda_{CM} = \frac{\xi}{1+50\rho'}$ = 1.42 $\lambda_{CV} = \frac{\xi}{1+50\rho'}$ = 1.00

La deflexión total considerando deflexiones adicionales a largo plazo es:

$\delta_{Total\ D+L}$: 0.01755 m $\delta_{Total\ L}$: 0.00278 m

VERIFICACIÓN DE LAS DEFLEXIONES MÁXIMAS ADMISIBLES

-Deflexión máxima admisible calculada - D+L

Sistema de entrepiso o cubierta que soporte o esté ligado a elementos no estructurales suceptibles de sufrir daños debido a deflexiones grandes

Nota:

Este límite se puede exceder si se toman medidas adecuadas para prevenir daños en elementos apoyados o unidos

-Deflexión máxima admisible calculada - L

Entrepisos que no soporten ni estén ligados a elementos no estructurales suceptibles de sufrir daños debido a deflexiones grandes

Nota:

$\delta_{admisible(D+L)}$:	0.0182 m
$\delta_{admisible\ (L)}$:	0.0243 m

CHEQUEO DE DEFLEXIONES

	$\delta_{Total} < \delta_{admisible}$	NOTA:
D+L	CUMPLE	
L	$\delta_{Total} < \delta_{admisible}$ CUMPLE	

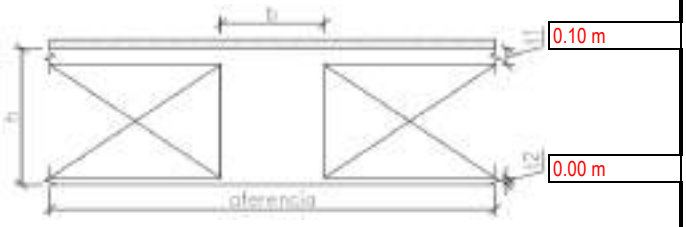
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CALCULO DE DEFLEXIONES PARA VIGAS EN VOLADIZO

Proyecto:	PRO-054-GRADERÌAS
Realizó:	JDNA
Contiene:	Cálculo de deflexiones para voladizo
Fecha:	Marzo de 2021
Versión:	VA

CARGAS

-Muerta:	Por peso propio	Por Ele. No. Est		
Por m²:	**2.40 KN/m²**	3.80 KN/m²	Aferencia:	8.73 m
adicional por metro:	0.00 KN/m			
Muerta total:	**54.13 KN/m**			
-Viva:				
Por m²:	5.00 KN/m²			
adicional por metro:	0.00 KN/m			
Viva total:	43.65 KN/m			



PROPIEDADES GEOMETRICAS DE LA VIGA

L:	2.02 m
b:	0.30 m
h:	0.55 m
Recubrimiento:	0.04 m
Ig:	**4.16E-03 m4**
Pppio viga:	**3.24 KN/m**

PROPIEDADES DE LOS MATERIALES

f'c:	35.2 MPa
Ec:	**27885 MPa**
Fy:	420 MPa
E:	**200000 MPa**
Concreto:	NORMAL
n=	**7.17**

CUANTÍA DE REFUERZO

-Cuantía del refuerzo a tensión, ρ

Refuerzo	N°	Cantidad	N°	Cantidad
CL a tensión:	6	4	5	0
ρ =	**0.007713**	OK		

-Cuantía del refuerzo a compresión, ρ'

Refuerzo	N°	Cantidad	N°	Cantidad
CL a compresión:	6	4	5	0
ρ' =	**0.007713**	OK		

SOLICITACIONES

M $_{.CM}$ = **117.04 KN-m** ***M $_{.CV}$ =*** **89.05 KN-m**

CALCULO DEL MOMENTO DE INERCIA EFECTIVO

-Profundidad del eje neutro

Área transf. Compre = **12806.65 mm²**

Área transf. Tensión = **6883.17 mm²**

x = **120.33 mm**

Mom. de inercia de la sección transformada fisurada:

I_{cr} = **443401 cm4**

y_t = **42.97 cm**

-Mom. de inercia de la sección total de concreto

I_g = **415938 cm4**

-Momento de fisuración

M_{cr} = **35.61 kN-m** **f_r =** **3678.43 kPa**

M_a = **206.0928**

I_e = **443259 cm4** Menor entre I_e y I_g → ***I_e =*** **415938 cm4**

DEFLEXIONES ELÁSTICAS INMEDIATAS

$\delta_{N.ELE\ CM}$: 0.00060 m 0.0000 $\delta_{max\ CV}$: 0.00078 m

$\delta_{PPIO\ CM}$: 0.00043 m

DEFLEXIONES ADICIONALES A LARGO PLAZO

-Coeficiente de efectos a largo plazo, ξ

5 años o mas entonces ξ_{CM} = 2.0 ξ_{CV} = 1.0

$\lambda_{CM} = \frac{\xi}{1+50\rho'}$ = 1.44 $\lambda_{CV} = \frac{\xi}{1+50\rho'}$ = 1.00

La deflexión total considerando deflexiones adicionales a largo plazo es:

$\delta_{Total\ D+L}$: 0.00243 m $\delta_{Total\ L}$: 0.00078 m

VERIFICACIÓN DE LAS DEFLEXIONES MÁXIMAS ADMISIBLES

-Deflexión máxima admisible calculada - D+L

Sistema de entrepiso o cubierta que soporte o esté ligado a elementos no estructurales suceptibles de sufrir daños debido a deflexiones grandes

Nota:

Este límite se puede exceder si se toman medidas adecuadas para prevenir daños en elementos apoyados o unidos

-Deflexión máxima admisible calculada - L

Entrepisos que no soporten ni estén ligados a elementos no estructurales suceptibles de sufrir daños debido a deflexiones grandes

Nota:

$\delta_{admisible(D+L)}$:	0.0042 m
$\delta_{admisible\ (L)}$:	0.0056 m

CHEQUEO DE DEFLEXIONES

	$\delta_{Total} < \delta_{admisible}$	NOTA:
D+L	CUMPLE	
L	$\delta_{Total} < \delta_{admisible}$ CUMPLE	

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Anexo 4. Aporte de Masa Modal

Av. Carrera 30 No.45-03 Ciudad Universitaria
Edificio 406 (Instituto de Extensión e Investigación - I.E.I) Oficina 218
57 (1) 3165513 PBX 3165000 Ext. 13301/02/27
insei_bog@unal.edu.co
Bogotá, D. C., Colombia

UNIVERSIDAD NACIONAL DE COLOMBIA

Proyecto:	PRO-054-ZIPA-GRADERÍAS-ESTRUCTURA-A
Realizó:	JDNA
Contiene:	APORTE DE MASA MODAL
Fecha:	Marzo de 2021
Versión:	VA

Mode	Period	UX	UY	Sum UX	Sum UY	Sum UZ	RX	RY	RZ	Sum RX	Sum RY	Sum RZ
1	**0.227**	**0.6321**	0.0081	0.6321	0.0081	0	0.0026	0.1805	0.0548	0.0026	0.1805	0.0548
2	**0.201**	0.0203	**0.6955**	0.6524	0.7036	0	0.1591	0.0048	0.0425	0.1616	0.1853	0.0974
3	0.192	0.0012	0.0024	0.6535	0.706	0	0.0005	0.00001464	0.000001059	0.1621	0.1853	0.0974
4	0.188	0.0026	0.0016	0.6561	0.7076	0	0.0003	0.0009	0.000003936	0.1625	0.1863	0.0974
5	0.185	0.0106	0.0001	0.6668	0.7077	0	0.00001867	0.0002	0.00002044	0.1625	0.1865	0.0974
6	0.184	0.0057	0.0001	0.6724	0.7077	0	0.00001274	0.00001269	0.0002	0.1625	0.1865	0.0976
7	0.178	0.0016	0	0.6741	0.7077	0	0	0.0004	0.0002	0.1625	0.1869	0.0979
8	0.174	0.0615	0.0492	0.7355	0.757	0	0.0054	0.0021	0.5295	0.1679	0.189	0.6274
9	0.16	0.2563	0.0003	0.9918	0.7573	0	0.00001443	0.1259	0.005	0.1679	0.3149	0.6324
10	0.139	0	0.0005	0.9918	0.7578	0	0.0004	0.000002408	9.341E-07	0.1684	0.3149	0.6324
11	0.136	0.000001702	0.0015	0.9918	0.7593	0	0.0003	0.00002493	0.0016	0.1687	0.3149	0.6339
12	0.135	0.000008871	0.0035	0.9919	0.7628	0	0.001	0.0001	0.0037	0.1697	0.3151	0.6376
13	0.134	0	0.00002078	0.9919	0.7629	0	0.0000424	0.000001072	0.00001164	0.1697	0.3151	0.6376
14	0.123	0.004	0.00004552	0.9958	0.7629	0	0.000009606	0.0965	0.0012	0.1697	0.4116	0.6388
15	0.119	0.000009316	0.2283	0.9959	0.9912	0	0.116	0.00001884	0.0065	0.2857	0.4116	0.6453

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Proyecto:	PRO-054-ZIPA-GRADERÍAS-ESTRUCTURA-B
Realizó:	JDNA
Contiene:	APORTE DE MASA MODAL
Fecha:	Marzo de 2021
Versión:	VA

Mode	Period	UX	UY	Sum UX	Sum UY	Sum UZ	RX	RY	RZ	Sum RX	Sum RY	Sum RZ
1	**0.29**	**0.7672**	0.0117	0.7672	0.0117	0	0.0013	0.1074	0.2127	0.0013	0.1074	0.2127
2	**0.256**	0.0234	**0.9547**	0.7905	0.9665	0	0.1049	0.0011	0.0035	0.1062	0.1085	0.2162
3	0.218	0.2025	0.0146	0.993	0.9811	0	0.0016	0.0003	0.7605	0.1078	0.1088	0.9767
4	0.096	0.00001457	0.0004	0.993	0.9815	0	0.0297	0.0001	0.0004	0.1375	0.1089	0.977
5	0.095	0.0001	0	0.9931	0.9815	0	0.000001449	0.0002	0.000004266	0.1375	0.109	0.9771
6	0.093	0.0003	0	0.9934	0.9815	0	0.000002408	0.0005	0.00003783	0.1375	0.1096	0.9771
7	0.091	0.00001115	9.906E-07	0.9934	0.9815	0	0.000001682	0.0002	5.975E-07	0.1375	0.1098	0.9771
8	0.091	0.00003158	0.000006267	0.9934	0.9815	0	0.0001	0.0009	0	0.1376	0.1107	0.9771
9	0.091	0.0001	0.00000131	0.9935	0.9815	0	0.000003845	0.0041	0	0.1376	0.1148	0.9771
10	0.09	0.00004237	0	0.9935	0.9815	0	0.00004102	0.0108	0.0000136	0.1376	0.1256	0.9771

Departamento de Ingeniería Civil y Agrícola
Facultad de Ingeniería
Sede Bogotá

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Anexo 5. Irregularidades

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Bogotá, D. C., Colombia

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CALCULO DEL COEFICIENTE DE DISIPACIÓN DE ENERGÍA (R)

Proyecto:	PRO054-DISEÑO GRADERÍAS-ESTRUCTURA A
Realizó:	JDNA
Contiene:	IRREGULARIDADES
Fecha:	Marzo de 2021
Versión:	VA

Características de la estructura

Zona de amenaza sísmica: INTERMEDIA

Grupo de uso: I

A.3.3.7 - EDIFICACIONES EN ZONAS DE AMENAZA SÍSMICA INTERMEDIA DEL GRUPO DE USO I - Para las edificaciones pertenecientes al grupo I, localizadas en zonas de amenaza sísmica intermedia, la evaluación para determinar si la edificación es irregular o no, puede limitarse a irregularidades en planta de los tipos 1aP, 1bP, 3P y 4P y en altura de los tipos 4A, 5aA y 5bA

SISTEMA ESTRUCTURAL

Tipo de sistema estructural: SISTEMA_C SISTEMA DE PÓRTICOS RESISTENTE A MOMENTOS

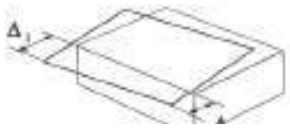
Pórtico resiste a momento de concreto (DMO)

¿Ausencia de redundancia sentido x? NO ¿Ausencia de redundancia sentido y? NO

Ro: 5.0 Ωo: 3.0

IRREGULARIDAD EN PLANTA

TIPO 1P **Irregularidad Torsional**



Tipo 1aP — Irregularidad torsional

$\phi_p = 0.9$

$1.4\left(\frac{\Delta_1+\Delta_2}{2}\right) \geq \Delta_1 > 1.2\left(\frac{\Delta_1+\Delta_2}{2}\right)$

Tipo 1bP — Irregularidad torsional extrema

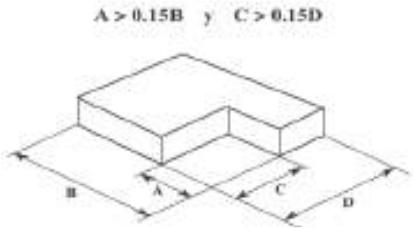
$\phi_p = 0.8$

$\Delta_1 > 1.4\left(\frac{\Delta_1+\Delta_2}{2}\right)$

Verificación: Tipo 1aP

φp: 0.9

TIPO 2P **Retroceso en las esquinas** **NO REQUIERE EVALUACIÓN**



A: 0.000 m

B: 0.000 m

C: 0.000 m

D: 0.000 m

Verificación: NO TIENE

φp: 1.0

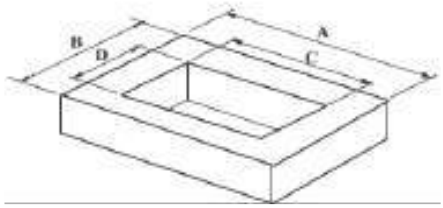
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CALCULO DEL COEFICIENTE DE DISIPACIÓN DE ENERGÍA (R)

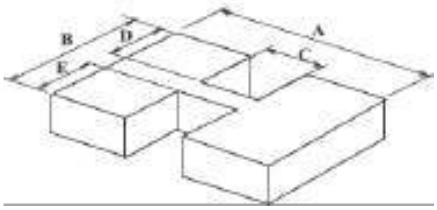
Proyecto: PRO054-DISEÑO GRADERÍAS-ESTRUCTURA A
Realizó: JDNA
Contiene: IRREGULARIDADES
Fecha: Marzo de 2021

TIPO 3P **Irregularidad del diafragma**

1) $C \times D > 0.5 A \times B$



2) $(C \times D + C \times E) > 0.5 A \times B$



Caso: 2

A: 19.800 m
B: 14.600 m
C: 5.430 m
D: 3.820 m
E: 0.000 m

Verificación: NO TIENE
φp: 1.0

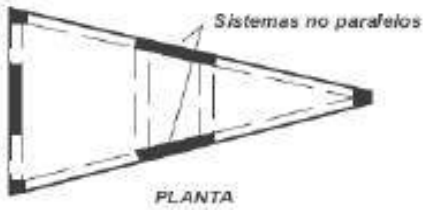
TIPO 4P **Desplazamiento de los planos de Acción**



Verificación: NO TIENE
φp: 1.0

TIPO 5P **Sistemas no paralelos**

NO REQUIERE EVALUACIÓN



Verificación: NO TIENE
φp: 1.0

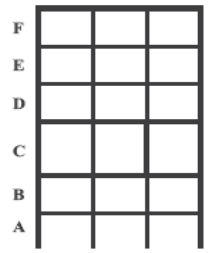
UNIVERSIDAD NACIONAL DE COLOMBIA

CALCULO DEL COEFICIENTE DE DISIPACIÓN DE ENERGÍA (R)

Proyecto: PRO054-DISEÑO GRADERÍAS-ESTRUCTURA A
Realizó: JDNA
Contiene: IRREGULARIDADES
Fecha: Marzo de 2021

IRREGULARIDAD EN ALTURA

TIPO 1A **Piso flexible** — **NO REQUIERE EVALUACIÓN**



Tipo 1aA — Piso flexible

$\phi_a = 0.9$

$0.60\ \text{Rigidez}\ K_D \le \text{Rigidez}\ K_C < 0.70\ \text{Rigidez}\ K_D$

o

$0.70\ (K_D+K_E+K_F)/3 \le \text{Rigidez}\ K_C < 0.80\ (K_D+K_E+K_F)/3$

Tipo 1bA — Piso flexible extremo

$\phi_a = 0.8$

$\text{Rigidez}\ K_C < 0.60\ \text{Rigidez}\ K_D$

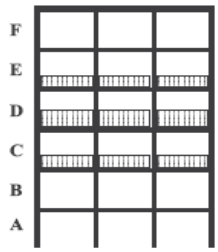
o

$\text{Rigidez}\ K_C < 0.70\ (K_D+K_E+K_F)/3$

Caso: NO SE PRESENTA — Verificación: NO TIENE

φa: 1.0

TIPO 2A **Distribución de masa** — **NO REQUIERE EVALUACIÓN**



$m_D > 1.50\ m_E$

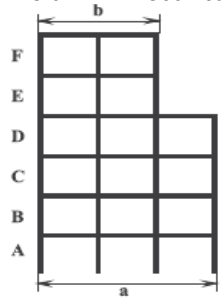
o

$m_D > 1.50\ m_C$

Caso: NO SE PRESENTA — Verificación: NO TIENE

φa: 1.0

TIPO 3A **Geométrica** — **NO REQUIERE EVALUACIÓN**



$a > 1.30\ b$

a: 0.000 m — Verificación: NO TIENE

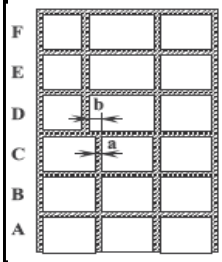
b: 0.000 m — φa: FALSO

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CALCULO DEL COEFICIENTE DE DISIPACIÓN DE ENERGÍA (R)

Proyecto: PRO054-DISEÑO GRADERÍAS-ESTRUCTURA A
Realizó: JDNA
Contiene: IRREGULARIDADES
Fecha: Marzo de 2021

TIPO 4A **Despl. dentro del plano de acción**



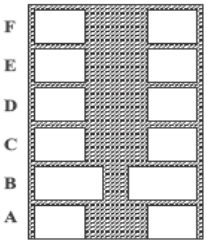
b > a

Caso: NO SE PRESENTA

Verificación: NO TIENE

φa: FALSO

TIPO 5A **Piso débil**



Tipo 5aA — Piso débil
$\phi_a = 0.9$

0.65 Resist. Piso C ≤ Resist. Piso B < 0.80 Resist. Piso C

Tipo 5bA — Piso débil extremo
$\phi_a = 0.8$

Resistencia Piso B < 0.65 Resistencia Piso C

Caso: NO SE PRESENTA

Verificación: NO TIENE

φa: 1.0

COEFICIENTE DE DISIPACIÓN DE ENERGÍA (R)

Ro:	5.00
φp:	0.90
φa:	1.00
φrx:	1.00
φry:	1.00

Rx:	**4.50**
Ry:	**4.50**

UNIVERSIDAD NACIONAL DE COLOMBIA	**HOJA DE CALCULO PARA IRREGULARIDADES TORSIONALES**
	Proyecto: PRO054-DISEÑO GRADERÍAS
	Realizó: JDNA
	Contiene: VERIFICACIÓN DE IRREGULARIDAD TORSIONAL
	Fecha: Marzo de 2021
	Versión: VA

JOINTS	1	8

DERIVA MAXIMA (SX)				$(\frac{\Delta 1+\Delta 2}{2})$	$1.2*(\frac{\Delta 1+\Delta 2}{2})$	$1.4*(\frac{\Delta 1+\Delta 2}{2})$	
NE+3.30 1	0.0016	NE+3.30 8	0.0016	0.0016	0.0019	0.0022	NO APLICA

DERIVA MAXIMA (SY)				$(\frac{\Delta 1+\Delta 2}{2})$	$1.2*(\frac{\Delta 1+\Delta 2}{2})$	$1.4*(\frac{\Delta 1+\Delta 2}{2})$	
NE+3.30 1	0.0010	NE+3.30 8	0.0017	0.0013	0.0016	0.0019	Tipo 1aP

JOINTS	30	33

DERIVA MAXIMA (SX)				$(\frac{\Delta 1+\Delta 2}{2})$	$1.2*(\frac{\Delta 1+\Delta 2}{2})$	$1.4*(\frac{\Delta 1+\Delta 2}{2})$	
NE+3.30 30	0.0017	NE+3.30 33	0.0018	0.0017	0.0021	0.0024	NO APLICA

DERIVA MAXIMA (SY)				$(\frac{\Delta 1+\Delta 2}{2})$	$1.2*(\frac{\Delta 1+\Delta 2}{2})$	$1.4*(\frac{\Delta 1+\Delta 2}{2})$	
NE+3.30 30	0.0010	NE+3.30 33	0.0017	0.0013	0.0016	0.0019	Tipo 1aP

JOINTS	1	30

DERIVA MAXIMA (SX)				$(\frac{\Delta 1+\Delta 2}{2})$	$1.2 * (\frac{\Delta 1+\Delta 2}{2})$	$1.4 * (\frac{\Delta 1+\Delta 2}{2})$	
NE+3.30 1	0.0016	NE+3.30 30	0.0017	0.0016	0.0020	0.0023	NO APLICA

DERIVA MAXIMA (SY)				$(\frac{\Delta 1+\Delta 2}{2})$	$1.2 * (\frac{\Delta 1+\Delta 2}{2})$	$1.4 * (\frac{\Delta 1+\Delta 2}{2})$	
NE+3.30 1	0.0010	NE+3.30 30	0.0010	0.0010	0.0012	0.0014	NO APLICA

JOINTS	33	8

DERIVA MAXIMA (SX)				$(\frac{\Delta 1+\Delta 2}{2})$	$1.2 * (\frac{\Delta 1+\Delta 2}{2})$	$1.4 * (\frac{\Delta 1+\Delta 2}{2})$	
NE+3.30 33	0.0018	NE+3.30 8	0.0016	0.0017	0.0020	0.0024	NO APLICA

DERIVA MAXIMA (SY)				$(\frac{\Delta 1+\Delta 2}{2})$	$1.2 * (\frac{\Delta 1+\Delta 2}{2})$	$1.4 * (\frac{\Delta 1+\Delta 2}{2})$	
NE+3.30 33	0.0017	NE+3.30 8	0.0017	0.0017	0.0020	0.0023	NO APLICA

UNIVERSIDAD NACIONAL DE COLOMBIA

CALCULO DEL COEFICIENTE DE DISIPACIÓN DE ENERGÍA (R)

Proyecto:	PRO054-DISEÑO GRADERÍAS-ESTRUCTURA B
Realizó:	JDNA
Contiene:	IRREGULARIDADES
Fecha:	Marzo de 2021
Versión:	VA

Características de la estructura

Zona de amenaza sísmica: INTERMEDIA

Grupo de uso: I

A.3.3.7 - EDIFICACIONES EN ZONAS DE AMENAZA SÍSMICA INTERMEDIA DEL GRUPO DE USO I - Para las edificaciones pertenecientes al grupo I, localizadas en zonas de amenaza sísmica intermedia, la evaluación para determinar si la edificación es irregular o no, puede limitarse a irregularidades en planta de los tipos 1aP, 1bP, 3P y 4P y en altura de los tipos 4A, 5aA y 5bA

SISTEMA ESTRUCTURAL

Tipo de sistema estructural: SISTEMA_C SISTEMA DE PÓRTICOS RESISTENTE A MOMENTOS

Pórtico resiste a momento de concreto (DMO)

¿Ausencia de redundancia sentido x? NO ¿Ausencia de redundancia sentido y? NO

Ro: 5.0 Ωo: 3.0

IRREGULARIDAD EN PLANTA

TIPO 1P **Irregularidad Torsional**



Tipo 1aP — Irregularidad torsional

$\phi_p = 0.9$

$$1.4\left(\frac{\Delta_1+\Delta_2}{2}\right) \geq \Delta_1 > 1.2\left(\frac{\Delta_1+\Delta_2}{2}\right)$$

Tipo 1bP — Irregularidad torsional extrema

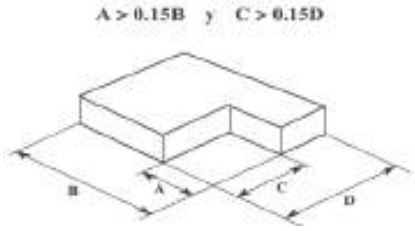
$\phi_p = 0.8$

$$\Delta_1 > 1.4\left(\frac{\Delta_1+\Delta_2}{2}\right)$$

Verificación: NO TIENE

φp: 1.0

TIPO 2P **Retroceso en las esquinas** **NO REQUIERE EVALUACIÓN**



A: 0.000 m

B: 0.000 m

C: 0.000 m

D: 0.000 m

Verificación: NO TIENE

φp: 1.0

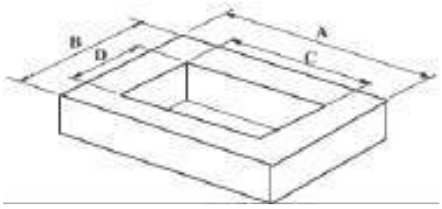
UNIVERSIDAD NACIONAL DE COLOMBIA

CALCULO DEL COEFICIENTE DE DISIPACIÓN DE ENERGÍA (R)

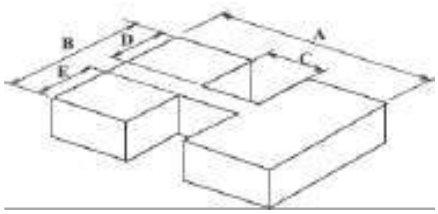
Proyecto: PRO054-DISEÑO GRADERÍAS-ESTRUCTURA B
Realizó: JDNA
Contiene: IRREGULARIDADES
Fecha: Marzo de 2021

TIPO 3P **Irregularidad del diafragma**

1) $C \times D > 0.5 A \times B$



2) $(C \times D + C \times E) > 0.5 A \times B$



Caso: 2

A:	19.800 m	Verificación:	NO TIENE
B:	14.600 m	φp:	1.0
C:	5.430 m		
D:	3.820 m		
E:	0.000 m		

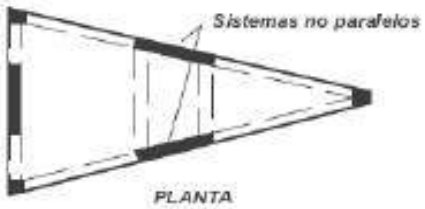
TIPO 4P **Desplazamiento de los planos de Acción**



Verificación: NO TIENE
φp: 1.0

TIPO 5P **Sistemas no paralelos**

NO REQUIERE EVALUACIÓN



Verificación: NO TIENE
φp: 1.0

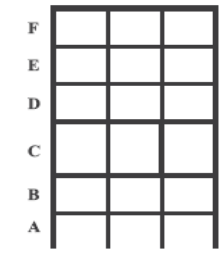
UNIVERSIDAD NACIONAL DE COLOMBIA

CALCULO DEL COEFICIENTE DE DISIPACIÓN DE ENERGÍA (R)

Proyecto: PRO054-DISEÑO GRADERÍAS-ESTRUCTURA B
Realizó: JDNA
Contiene: IRREGULARIDADES
Fecha: Marzo de 2021

IRREGULARIDAD EN ALTURA

TIPO 1A **Piso flexible** — **NO REQUIERE EVALUACIÓN**



Tipo 1aA — Piso flexible

$\phi_a = 0.9$

$0.60\ \text{Rigidez}\ K_D \le \text{Rigidez}\ K_C < 0.70\ \text{Rigidez}\ K_D$

o

$0.70\ (K_D+K_E+K_F)/3 \le \text{Rigidez}\ K_C < 0.80\ (K_D+K_E+K_F)/3$

Tipo 1bA — Piso flexible extremo

$\phi_a = 0.8$

$\text{Rigidez}\ K_C < 0.60\ \text{Rigidez}\ K_D$

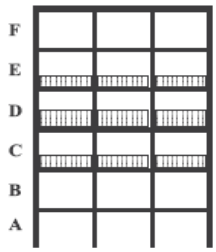
o

$\text{Rigidez}\ K_C < 0.70\ (K_D+K_E+K_F)/3$

Caso: NO SE PRESENTA — Verificación: NO TIENE

φa: 1.0

TIPO 2A **Distribución de masa** — **NO REQUIERE EVALUACIÓN**



$m_D > 1.50\ m_E$

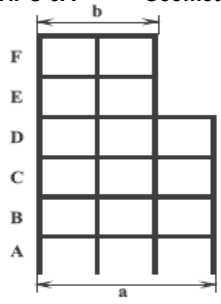
o

$m_D > 1.50\ m_C$

Caso: NO SE PRESENTA — Verificación: NO TIENE

φa: 1.0

TIPO 3A **Geométrica** — **NO REQUIERE EVALUACIÓN**



$a > 1.30\ b$

a: 0.000 m — Verificación: NO TIENE

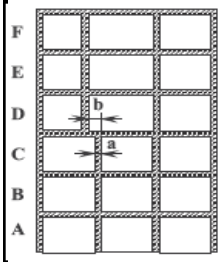
b: 0.000 m — φa: FALSO

UNIVERSIDAD NACIONAL DE COLOMBIA

CALCULO DEL COEFICIENTE DE DISIPACIÓN DE ENERGÍA (R)

Proyecto: PRO054-DISEÑO GRADERÍAS-ESTRUCTURA B
Realizó: JDNA
Contiene: IRREGULARIDADES
Fecha: Marzo de 2021

TIPO 4A **Despl. dentro del plano de acción**



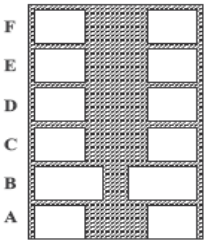
$b > a$

Caso: NO SE PRESENTA

Verificación: NO TIENE

φa: FALSO

TIPO 5A **Piso débil**



Tipo 5aA — Piso débil

$\phi_a = 0.9$

$0.65\ \text{Resist. Piso C} \leq \text{Resist. Piso B} < 0.80\ \text{Resist. Piso C}$

Tipo 5bA — Piso débil extremo

$\phi_a = 0.8$

$\text{Resistencia Piso B} < 0.65\ \text{Resistencia Piso C}$

Caso: NO SE PRESENTA

Verificación: NO TIENE

φa: 1.0

COEFICIENTE DE DISIPACIÓN DE ENERGÍA (R)

Ro:	5.00
φp:	1.00
φa:	1.00
φrx:	1.00
φry:	1.00

Rx:	**5.00**
Ry:	**5.00**

UNIVERSIDAD NACIONAL DE COLOMBIA

HOJA DE CALCULO PARA IRREGULARIDADES TORSIONALES

Proyecto: PRO054-DISEÑO GRADERÍAS
Realizó: JDNA
Contiene: VERIFICACIÓN DE IRREGULARIDAD TORSIONAL
Fecha: Marzo de 2021
Versión: VA

JOINTS	20	57

DERIVA MAXIMA (SX)				$(\frac{\Delta 1+\Delta 2}{2})$	$1.2*(\frac{\Delta 1+\Delta 2}{2})$	$1.4*(\frac{\Delta 1+\Delta 2}{2})$	
NE+5.00 20	0.0021	NE+5.00 57	0.0021	0.0021	0.0025	0.0029	NO APLICA

DERIVA MAXIMA (SY)				$(\frac{\Delta 1+\Delta 2}{2})$	$1.2*(\frac{\Delta 1+\Delta 2}{2})$	$1.4*(\frac{\Delta 1+\Delta 2}{2})$	
NE+5.00 20	0.0019	NE+5.00 57	0.0017	0.0018	0.0022	0.0026	NO APLICA

JOINTS	34	52

DERIVA MAXIMA (SX)				$(\frac{\Delta 1+\Delta 2}{2})$	$1.2*(\frac{\Delta 1+\Delta 2}{2})$	$1.4*(\frac{\Delta 1+\Delta 2}{2})$	
NE+5.00 34	0.0028	NE+5.00 52	0.0028	0.0028	0.0033	0.0039	NO APLICA

DERIVA MAXIMA (SY)				$(\frac{\Delta 1+\Delta 2}{2})$	$1.2*(\frac{\Delta 1+\Delta 2}{2})$	$1.4*(\frac{\Delta 1+\Delta 2}{2})$	
NE+5.00 34	0.0020	NE+5.00 52	0.0018	0.0019	0.0022	0.0026	NO APLICA

JOINTS	34	20					
DERIVA MAXIMA (SX)				$(\frac{\Delta 1+\Delta 2}{2})$	$1.2*(\frac{\Delta 1+\Delta 2}{2})$	$1.4*(\frac{\Delta 1+\Delta 2}{2})$	
NE+5.00 34	0.0028	NE+5.00 20	0.0021	0.0025	0.0030	0.0034	NO APLICA
DERIVA MAXIMA (SY)				$(\frac{\Delta 1+\Delta 2}{2})$	$1.2*(\frac{\Delta 1+\Delta 2}{2})$	$1.4*(\frac{\Delta 1+\Delta 2}{2})$	
NE+5.00 34	0.0020	NE+5.00 20	0.0019	0.0019	0.0023	0.0027	NO APLICA
JOINTS	52	57					
DERIVA MAXIMA (SX)				$(\frac{\Delta 1+\Delta 2}{2})$	$1.2*(\frac{\Delta 1+\Delta 2}{2})$	$1.4*(\frac{\Delta 1+\Delta 2}{2})$	
NE+5.00 52	0.0028	NE+5.00 57	0.0021	0.0024	0.0029	0.0034	NO APLICA
DERIVA MAXIMA (SY)				$(\frac{\Delta 1+\Delta 2}{2})$	$1.2*(\frac{\Delta 1+\Delta 2}{2})$	$1.4*(\frac{\Delta 1+\Delta 2}{2})$	
NE+5.00 52	0.0018	NE+5.00 57	0.0017	0.0017	0.0021	0.0024	NO APLICA

Departamento de Ingeniería Civil y Agrícola
Facultad de Ingeniería
Sede Bogotá

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Anexo 6. Cortante basal y ajuste por Fuerza Horizontal Equivalente

Av. Carrera 30 No.45-03 Ciudad Universitaria
Edificio 406 (Instituto de Extensión e Investigación - I.E.I) Oficina 218
57 (1) 3165513 PBX 3165000 Ext. 13301/02/27
insei_bog@unal.edu.co
Bogotá, D. C., Colombia

UNIVERSIDAD NACIONAL DE COLOMBIA

AJUSTE DE LOS RESULTADOS SEGÚN LA NSR-10

Proyecto: PRO054-DISEÑO GRADERÍAS-ESTRUCTURA-A
Realizó: JDNA
Contiene: Comparación Cortante basal dinamico Vs Cortante basal por FHE
Fecha: Marzo de 2021

* Para los casos espectrales utilizados para calcular derivas

Este no es amplificado por el factor de importancia (I)

				Av:	0.2
- FUERZA HORIZONTAL EQUIVALENTE				**Fv:**	2.0
				Tmodx:	0.23 s
- Peso de la estructura	**W:**	5749.1 kN		**Tmody:**	0.19 s
-Altura de la edificación:	h_n:	7.48 m			
-Coef para calcular el periodo:		**Dirección x**		**Dirección y**	
	C_t:	0.047	C_t:	0.047	
	α:	0.9	α:	0.9	
- Periodo aproximado:	**Ta:**	0.287 s	**Ta:**	0.287 s	
	Cu:	1.270	**Cu:**	1.270	
	Tmax:	0.37 s	**Tmax:**	0.37 s	
	Tdef:	0.23 s	**Tdef:**	0.19 s	
-Máxima aceleración de diseño:	**Sax:**	0.563	**Say:**	0.563	
	-FHE:	3233.87 KN		3233.87 KN	

- Caso del espectro de respuesta:	en x :	SX	en y :	SY
- Cortante basal dinámico:	**Vx:**	2544.79 KN	**Vy:**	2415.08 KN
- Regularidad:		IRREGULAR		IRREGULAR
- % de la FHE que debe cumplir:		90.00%		90.00%
- FHE (%):		78.7%		74.7%
- Factor:		1.144		1.205
- Factor de amplificiación espectro:	**en x:**	**11.22**	**en y:**	**11.82**

* Para los casos espectrales utilizados para diseño de elementos

Este es amplificado por el factor de importancia

Grupo de Uso
III
UMBRAL DE DAÑO

- FUERZA HORIZONTAL EQUIVALENTE

				Av:	0.2
- Peso de la estructura	**W:**	5749.10 KN		**Fv:**	2.0
				Tmodx:	0.23 s
-Altura de la edificación:	h_n:	7.48 m		**Tmody:**	0.19 s
-Coef para calcular el periodo:		**Dirección x**		**Dirección y**	
	C_t:	0.047	C_t:	0.047	
	α:	0.9	α:	0.9	
- Periodo aproximado:	**Ta:**	0.287 s	**Ta:**	0.287 s	
	Cu:	1.270	**Cu:**	1.270	
	Tmax:	0.37 s	**Tmax:**	0.37 s	
	Tdef:	0.23 s	**Tdef:**	0.19 s	
-Máxima aceleración de diseño:	**Sa:**	0.703	**Sa:**	0.703	
	-FHE:	4042.34 KN		4042.34 KN	

- Caso del espectro de respuesta:	en x :	SXDIS	en y :	SYDIS
- Cortante basal dinámico:	**Vx:**	3180.99 KN	**Vy:**	3018.85 KN
- Regularidad:		IRREGULAR		IRREGULAR
- % de la FHE que debe cumplir:		90.00%		90.00%
- FHE (%):		78.7%		74.7%
- Factor:		1.144		1.205
- Factor de amplificiación espectro:	**en x:**	**11.22**	**en y:**	**11.82**

* Para los casos espectrales utilizados en umbral de daño

Este sólo se evalúa para los grupos de uso III y IV

Grupo de Uso
III

- FUERZA HORIZONTAL EQUIVALENTE

				Ad:	0.06
- Peso de la estructura	**W:**	5749.10 KN		**Fv:**	2.00
				Tmodx:	0.23 s
-Altura de la edificación:	h_n:	7.48 m		**Tmody:**	0.19 s
-Coef para calcular el periodo:		**Dirección x**		**Dirección y**	
	C_t:	0.047	C_t:	0.047	
	α:	0.9	α:	0.9	
- Periodo aproximado:	**Ta:**	0.287 s	**Ta:**	0.287 s	
	Cu:	1.606	**Cu:**	1.606	
	Tmax:	0.46 s	**Tmax:**	0.46 s	
	Tdef:	0.23 s	**Tdef:**	0.19 s	
-Máxima aceleración de diseño:	**Sa:**	0.130	**Sa:**	0.130	
	-FHE:	747.38 KN		747.38 KN	

- Caso del espectro de respuesta:	en x :	SXUMB	en y :	SYUMB
- Cortante basal dinámico:	**Vx:**	616.35 KN	**Vy:**	549.67 KN
- Regularidad:		IRREGULAR		IRREGULAR
- % de la FHE que debe cumplir:		90.00%		90.00%
- FHE (%):		82.5%		73.5%
- Factor:		1.091		1.224
- Factor de amplificiación espectro:	**en x:**	**10.71**	**en y:**	**12.00**

UNIVERSIDAD NACIONAL DE COLOMBIA

AJUSTE DE LOS RESULTADOS SEGÚN LA NSR-10

Proyecto: PRO054-DISEÑO GRADERÍAS-ESTRUCTURA-B
Realizó: JDNA
Contiene: Comparación Cortante basal dinamico Vs Cortante basal por FHE
Fecha: Marzo de 2021

* Para los casos espectrales utilizados para calcular derivas

Este no es amplificado por el factor de importancia (I)

- FUERZA HORIZONTAL EQUIVALENTE

Av:	0.2	
Fv:	2.0	
Tmodx:	0.29 s	
Tmody:	0.24 s	

- Peso de la estructura — W: 5360.38 kN

-Altura de la edificación: h_n: 7.48 m

-Coef para calcular el periodo:

	Dirección x	Dirección y
C_t:	0.047	0.047
α:	0.9	0.9

- Periodo aproximado:

	Dirección x	Dirección y
Ta:	0.287 s	0.287 s
Cu:	1.270	1.270
Tmax:	0.37 s	0.37 s
Tdef:	0.29 s	0.24 s

-Máxima aceleración de diseño:

Sax:	0.563	
Say:		0.563

-FHE:	3015.21 KN	3015.21 KN

- Caso del espectro de respuesta:	en x : SX	en y : SY
- Cortante basal dinámico:	Vx: 2914.18 KN	Vy: 2942.66 KN
- Regularidad:	IRREGULAR	IRREGULAR
- % de la FHE que debe cumplir:	90.00%	90.00%
- FHE (%):	96.6%	97.6%
- Factor:	1.000	1.000
- Factor de amplificiación espectro:	en x: 9.81	en y: 9.81

* Para los casos espectrales utilizados para diseño de elementos

Este es amplificado por el factor de importancia

Grupo de Uso
III
UMBRAL DE DAÑO

- FUERZA HORIZONTAL EQUIVALENTE

Av:	0.2	
Fv:	2.0	
Tmodx:	0.29 s	
Tmody:	0.24 s	

- Peso de la estructura — W: 5360.38 KN

-Altura de la edificación: h_n: 7.48 m

-Coef para calcular el periodo:

	Dirección x	Dirección y
C_t:	0.047	0.047
α:	0.9	0.9

- Periodo aproximado:

	Dirección x	Dirección y
Ta:	0.287 s	0.287 s
Cu:	1.270	1.270
Tmax:	0.37 s	0.37 s
Tdef:	0.29 s	0.24 s

-Máxima aceleración de diseño:

Sa:	0.703	
Sa:		0.703

-FHE:	3769.02 KN	3769.02 KN

- Caso del espectro de respuesta:	en x : SXDIS	en y : SYDIS
- Cortante basal dinámico:	Vx: 3642.73 KN	Vy: 3678.33 KN
- Regularidad:	IRREGULAR	IRREGULAR
- % de la FHE que debe cumplir:	90.00%	90.00%
- FHE (%):	96.6%	97.6%
- Factor:	1.000	1.000
- Factor de amplificiación espectro:	en x: 9.81	en y: 9.81

* Para los casos espectrales utilizados en umbral de daño

Este sólo se evalúa para los grupos de uso III y IV

Grupo de Uso
III

- FUERZA HORIZONTAL EQUIVALENTE

Ad:	0.06	
Fv:	2.00	
Tmodx:	0.29 s	
Tmody:	0.24 s	

- Peso de la estructura — W: 5360.38 KN

-Altura de la edificación: h_n: 7.48 m

-Coef para calcular el periodo:

	Dirección x	Dirección y
C_t:	0.047	0.047
α:	0.9	0.9

- Periodo aproximado:

	Dirección x	Dirección y
Ta:	0.287 s	0.287 s
Cu:	1.606	1.606
Tmax:	0.46 s	0.46 s
Tdef:	0.29 s	0.24 s

-Máxima aceleración de diseño:

Sa:	0.130	
Sa:		0.130

-FHE:	696.85 KN	696.85 KN

- Caso del espectro de respuesta:	en x : SXUMB	en y : SYUMB
- Cortante basal dinámico:	Vx: 774.81 KN	Vy: 771.57 KN
- Regularidad:	IRREGULAR	IRREGULAR
- % de la FHE que debe cumplir:	90.00%	90.00%
- FHE (%):	111.2%	110.7%
- Factor:	1.000	1.000
- Factor de amplificiación espectro:	en x: 9.81	en y: 9.81

Departamento de Ingeniería Civil y Agrícola
Facultad de Ingeniería
Sede Bogotá

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Anexo 7. Derivas de la Estructura

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57 (1) 3165513 PBX 3165000 Ext. 13301/02/27
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Bogotá, D. C., Colombia

UNIVERSIDAD NACIONAL DE COLOMBIA

CALCULO DE DERIVAS

Proyecto:	PRO-054-ZIPA-GRADERIAS-ESTRUCTURA-A
Realizó:	JDNA
Contiene:	CÁLCULO DE DERIVAS
Fecha:	Marzo de 2021
Versión:	VA

Deriva máx	**0.010**

Indice máximo en x	**0.68**
Indice máximo en y	**0.49**

Story	Label	Load Case/Combo	Displacement X	Displacement Y	Drift X	Drift Y	Deriva	Indice	Story	Label	Load Case/Combo	Displacement X	Displacement Y	Drift X	Drift Y	Deriva	Indice
NE+7.48	17	DERX Max	8.001	1.927	0.000958	0.000126	0.000966	0.10	NE+7.48	17	DERY Max	2.618	5.712	0.000323	0.000385	0.00050255	0.05
NE+7.48	18	DERX Max	8.437	2.441	0.001104	0.000171	0.001117	0.11	NE+7.48	18	DERY Max	2.774	6.37	0.000375	0.000457	0.00059116	0.06
NE+7.48	19	DERX Max	9.171	3.147	0.001313	0.000236	0.001334	0.13	NE+7.48	19	DERY Max	2.944	7.184	0.000426	0.000535	0.00068389	0.07
NE+7.48	31	DERX Max	24.335	6.675	0.004732	0.001242	0.004892	0.49	NE+7.48	31	DERY Max	7.508	19.784	0.00147	0.0037	0.00398132	0.40
NE+7.48	32	DERX Max	22.206	8.221	0.004271	0.001535	0.004538	0.45	NE+7.48	32	DERY Max	6.821	21.601	0.00132	0.004038	0.00424828	0.42
NE+7.48	33	DERX Max	31.751	10.125	0.00649	0.001889	0.006759	0.68	NE+7.48	33	DERY Max	9.718	23.87	0.001992	0.004463	0.00488737	0.49
NE+7.48	37	DERX Max	9.553	2.275	0.001466	0.000216	0.001482	0.15	NE+7.48	37	DERY Max	3.173	4.502	0.0005	0.000393	0.00063596	0.06
NE+7.48	38	DERX Max	20.073	7.451	0.003753	0.001433	0.004017	0.40	NE+7.48	38	DERY Max	6.166	15.303	0.001161	0.002924	0.00314606	0.31
NE+7.48	39	DERX Max	7.463	1.993	0.000745	0.000223	0.000778	0.08	NE+7.48	39	DERY Max	2.453	5.048	0.000257	0.000524	0.00058363	0.06
NE+7.48	40	DERX Max	25.131	6.997	0.004906	0.001373	0.005095	0.51	NE+7.48	40	DERY Max	7.695	17.155	0.001509	0.003317	0.00364411	0.36
NE+7.48	42	DERX Max	8.352	1.634	0.001244	0.000139	0.001252	0.13	NE+7.48	42	DERY Max	2.756	5.128	0.000426	0.00043	0.00060529	0.06
NE+7.48	43	DERX Max	29.288	6.02	0.005897	0.001157	0.006009	0.60	NE+7.48	43	DERY Max	8.958	18.672	0.001809	0.003569	0.00400128	0.40
NE+5.00	42	DERX Max	5.471	1.291	0.000498	0.000062	0.000502	0.05	NE+5.00	42	DERY Max	1.768	4.063	0.000171	0.00019	0.00025562	0.03
NE+4.35	17	DERX Max	5.187	1.549	0.000175	0.000059	0.000185	0.02	NE+4.35	17	DERY Max	1.67	4.508	0.000056	0.000181	0.00018947	0.02
NE+4.35	18	DERX Max	5.211	1.914	0.000199	0.000081	0.000215	0.02	NE+4.35	18	DERY Max	1.675	4.94	0.000062	0.000203	0.00021226	0.02
NE+4.35	19	DERX Max	5.327	2.424	0.00031	0.000132	0.000337	0.03	NE+4.35	19	DERY Max	1.707	5.514	0.000097	0.000275	0.00029161	0.03
NE+4.35	37	DERX Max	5.287	1.615	0.000274	0.000116	0.000298	0.03	NE+4.35	37	DERY Max	1.707	3.276	0.000094	0.000171	0.00019513	0.02
NE+4.35	39	DERX Max	5.233	1.333	0.000219	0.000044	0.000223	0.02	NE+4.35	39	DERY Max	1.686	3.422	0.000071	0.000111	0.00013176	0.01

UNIVERSIDAD NACIONAL DE COLOMBIA

CALCULO DE DERIVAS

Proyecto:	PRO-054-ZIPA-GRADERIAS-ESTRUCTURA-A
Realizó:	JDNA
Contiene:	CÁLCULO DE DERIVAS
Fecha:	Marzo de 2021
Versión:	VA

Deriva máx	**0.010**

Indice máximo en x	**0.68**
Indice máximo en y	**0.49**

Story	Label	Load Case/Combo	Displacement X	Displacement Y	Drift X	Drift Y	Deriva	Indice	Story	Label	Load Case/Combo	Displacement X	Displacement Y	Drift X	Drift Y	Deriva	Indice
NE+4.35	42	DERX Max	5.184	1.251	0.000172	0.000052	0.00018	0.02	NE+4.35	42	DERY Max	1.669	3.939	0.000055	0.000164	0.00017298	0.02
NE+3.30	1	DERX Max	4.844	1.713	0.001468	0.000519	0.001557	0.16	NE+3.30	1	DERY Max	1.681	2.975	0.000509	0.000902	0.00103571	0.10
NE+3.30	2	DERX Max	4.844	1.506	0.001468	0.000456	0.001537	0.15	NE+3.30	2	DERY Max	1.681	3.098	0.000509	0.000939	0.00106808	0.11
NE+3.30	3	DERX Max	4.844	1.292	0.001468	0.000391	0.001519	0.15	NE+3.30	3	DERY Max	1.681	3.306	0.000509	0.001002	0.00112387	0.11
NE+3.30	4	DERX Max	4.844	1.49	0.001468	0.000452	0.001536	0.15	NE+3.30	4	DERY Max	1.681	4.318	0.000509	0.001308	0.00140355	0.14
NE+3.30	7	DERX Max	4.844	1.829	0.001468	0.000554	0.001569	0.16	NE+3.30	7	DERY Max	1.681	4.728	0.000509	0.001433	0.00152071	0.15
NE+3.30	8	DERX Max	4.844	2.288	0.001468	0.000693	0.001623	0.16	NE+3.30	8	DERY Max	1.681	5.226	0.000509	0.001584	0.00166377	0.17
NE+3.30	17	DERX Max	5.005	1.49	0.001517	0.000452	0.001583	0.16	NE+3.30	17	DERY Max	1.612	4.318	0.000488	0.001308	0.00139607	0.14
NE+3.30	18	DERX Max	5.005	1.829	0.001517	0.000554	0.001615	0.16	NE+3.30	18	DERY Max	1.612	4.728	0.000488	0.001433	0.00151381	0.15
NE+3.30	19	DERX Max	5.005	2.288	0.001517	0.000693	0.001668	0.17	NE+3.30	19	DERY Max	1.612	5.226	0.000488	0.001584	0.00165747	0.17
NE+3.30	31	DERX Max	5.367	1.49	0.001626	0.000452	0.001688	0.17	NE+3.30	31	DERY Max	1.632	4.318	0.000495	0.001308	0.00139853	0.14
NE+3.30	32	DERX Max	5.367	1.829	0.001626	0.000554	0.001718	0.17	NE+3.30	32	DERY Max	1.632	4.728	0.000495	0.001433	0.00151609	0.15
NE+3.30	33	DERX Max	5.367	2.288	0.001626	0.000693	0.001768	0.18	NE+3.30	33	DERY Max	1.632	5.226	0.000495	0.001584	0.00165954	0.17
NE+3.30	6	DERX Max	5.005	1.713	0.001517	0.000519	0.001603	0.16	NE+3.30	6	DERY Max	1.612	2.975	0.000488	0.000902	0.00102555	0.10
NE+3.30	30	DERX Max	5.367	1.713	0.001626	0.000519	0.001707	0.17	NE+3.30	30	DERY Max	1.632	2.975	0.000495	0.000902	0.0010289	0.10
NE+3.30	37	DERX Max	5.005	1.506	0.001517	0.000456	0.001584	0.16	NE+3.30	37	DERY Max	1.612	3.098	0.000488	0.000939	0.00105824	0.11
NE+3.30	38	DERX Max	5.367	1.506	0.001626	0.000456	0.001689	0.17	NE+3.30	38	DERY Max	1.632	3.098	0.000495	0.000939	0.00106148	0.11
NE+3.30	39	DERX Max	5.005	1.292	0.001517	0.000391	0.001567	0.16	NE+3.30	39	DERY Max	1.612	3.306	0.000488	0.001002	0.00111452	0.11
NE+3.30	40	DERX Max	5.367	1.292	0.001626	0.000391	0.001672	0.17	NE+3.30	40	DERY Max	1.632	3.306	0.000495	0.001002	0.0011176	0.11
NE+3.30	41	DERX Max	4.844	1.196	0.001468	0.000363	0.001512	0.15	NE+3.30	41	DERY Max	1.681	3.767	0.000509	0.001142	0.0012503	0.13
NE+3.30	42	DERX Max	5.005	1.196	0.001517	0.000363	0.00156	0.16	NE+3.30	42	DERY Max	1.612	3.767	0.000488	0.001142	0.0012419	0.12
NE+3.30	43	DERX Max	5.367	1.196	0.001626	0.000363	0.001666	0.17	NE+3.30	43	DERY Max	1.632	3.767	0.000495	0.001142	0.00124466	0.12

UNIVERSIDAD NACIONAL DE COLOMBIA

CALCULO DE DERIVAS

Proyecto:	PRO-054-ZIPA-GRADERÍAS-ESTRUCTURA-A
Realizó:	JDNA
Contiene:	CÁLCULO DE DERIVAS-UMBRAL
Fecha:	Marzo de 2021
Versión:	VA

Deriva máx	0.004

Indice máximo en x	0.39
Indice máximo en y	0.28

Story	Label	Load Case/Combo	Displacement X	Displacement Y	Drift X	Drift Y	Deriva	Indice	Story	Label	Load Case/Combo	Displacement X	Displacement Y	Drift X	Drift Y	Deriva	Indice
NE+7.48	17	UMBRX Max	1.838	0.443	0.00021	0.000029	0.0002120	0.05	NE+7.48	17	UMBRY Max	0.6	1.316	0.000071	0.000089	0.0001139	0.03
NE+7.48	18	UMBRX Max	1.931	0.561	0.00024	0.000039	0.0002431	0.06	NE+7.48	18	UMBRY Max	0.633	1.47	0.000082	0.000106	0.0001340	0.03
NE+7.48	19	UMBRX Max	2.091	0.721	0.000285	0.000053	0.0002899	0.07	NE+7.48	19	UMBRY Max	0.67	1.659	0.000093	0.000123	0.0001542	0.04
NE+7.48	31	UMBRX Max	5.692	1.533	0.00109	0.000285	0.0011266	0.28	NE+7.48	31	UMBRY Max	1.755	4.559	0.000339	0.000853	0.0009179	0.23
NE+7.48	32	UMBRX Max	5.142	1.876	0.000967	0.000349	0.0010281	0.26	NE+7.48	32	UMBRY Max	1.579	4.986	0.000299	0.000932	0.0009788	0.24
NE+7.48	33	UMBRX Max	7.471	2.287	0.001514	0.000424	0.0015723	0.39	NE+7.48	33	UMBRY Max	2.288	5.511	0.000465	0.00103	0.0011301	0.28
NE+7.48	37	UMBRX Max	2.167	0.504	0.000316	0.000047	0.0003195	0.08	NE+7.48	37	UMBRY Max	0.72	1.013	0.000109	0.000088	0.0001401	0.03
NE+7.48	38	UMBRX Max	4.655	1.608	0.000849	0.000307	0.0009028	0.23	NE+7.48	38	UMBRY Max	1.43	3.427	0.000263	0.000654	0.0007049	0.18
NE+7.48	39	UMBRX Max	1.726	0.437	0.000166	0.000048	0.0001728	0.04	NE+7.48	39	UMBRY Max	0.566	1.143	0.000057	0.000118	0.0001310	0.03
NE+7.48	40	UMBRX Max	5.903	1.523	0.001138	0.000297	0.0011761	0.29	NE+7.48	40	UMBRY Max	1.809	3.873	0.00035	0.000748	0.0008258	0.21
NE+7.48	42	UMBRX Max	1.91	0.371	0.00027	0.000031	0.0002718	0.07	NE+7.48	42	UMBRY Max	0.629	1.175	0.000093	0.000098	0.0001351	0.03
NE+7.48	43	UMBRX Max	6.901	1.362	0.001378	0.000261	0.0014025	0.35	NE+7.48	43	UMBRY Max	2.113	4.277	0.000423	0.000817	0.0009200	0.23
NE+5.00	42	UMBRX Max	1.277	0.294	0.000108	0.000014	0.0001089	0.03	NE+5.00	42	UMBRY Max	0.411	0.932	0.000037	0.000044	0.0000575	0.01
NE+4.35	17	UMBRX Max	1.214	0.357	0.00004	0.000013	0.0000421	0.01	NE+4.35	17	UMBRY Max	0.39	1.039	0.000013	0.000042	0.0000440	0.01
NE+4.35	18	UMBRX Max	1.219	0.441	0.000046	0.000019	0.0000498	0.01	NE+4.35	18	UMBRY Max	0.391	1.14	0.000014	0.000047	0.0000490	0.01
NE+4.35	19	UMBRX Max	1.246	0.558	0.000071	0.000031	0.0000775	0.02	NE+4.35	19	UMBRY Max	0.398	1.274	0.000022	0.000064	0.0000677	0.02
NE+4.35	37	UMBRX Max	1.237	0.359	0.000063	0.000026	0.0000682	0.02	NE+4.35	37	UMBRY Max	0.398	0.739	0.000022	0.000039	0.0000448	0.01
NE+4.35	39	UMBRX Max	1.224	0.296	0.00005	0.000009	0.0000508	0.01	NE+4.35	39	UMBRY Max	0.393	0.778	0.000016	0.000025	0.0000297	0.01
NE+4.35	42	UMBRX Max	1.213	0.285	0.00004	0.000012	0.0000418	0.01	NE+4.35	42	UMBRY Max	0.389	0.903	0.000013	0.000038	0.0000402	0.01
NE+3.30	1	UMBRX Max	1.131	0.379	0.000343	0.000115	0.0003618	0.09	NE+3.30	1	UMBRY Max	0.39	0.666	0.000118	0.000202	0.0002339	0.06
NE+3.30	2	UMBRX Max	1.131	0.333	0.000343	0.000101	0.0003576	0.09	NE+3.30	2	UMBRY Max	0.39	0.698	0.000118	0.000212	0.0002426	0.06
NE+3.30	3	UMBRX Max	1.131	0.287	0.000343	0.000087	0.0003539	0.09	NE+3.30	3	UMBRY Max	0.39	0.751	0.000118	0.000228	0.0002567	0.06
NE+3.30	4	UMBRX Max	1.131	0.343	0.000343	0.000104	0.0003584	0.09	NE+3.30	4	UMBRY Max	0.39	0.995	0.000118	0.000301	0.0003233	0.08
NE+3.30	7	UMBRX Max	1.131	0.422	0.000343	0.000128	0.0003661	0.09	NE+3.30	7	UMBRY Max	0.39	1.091	0.000118	0.000331	0.0003514	0.09
NE+3.30	8	UMBRX Max	1.131	0.526	0.000343	0.000159	0.0003781	0.09	NE+3.30	8	UMBRY Max	0.39	1.207	0.000118	0.000366	0.0003846	0.10
NE+3.30	17	UMBRX Max	1.172	0.343	0.000355	0.000104	0.0003699	0.09	NE+3.30	17	UMBRY Max	0.376	0.995	0.000114	0.000301	0.0003219	0.08
NE+3.30	18	UMBRX Max	1.172	0.422	0.000355	0.000128	0.0003774	0.09	NE+3.30	18	UMBRY Max	0.376	1.091	0.000114	0.000331	0.0003501	0.09
NE+3.30	19	UMBRX Max	1.172	0.526	0.000355	0.000159	0.0003890	0.10	NE+3.30	19	UMBRY Max	0.376	1.207	0.000114	0.000366	0.0003833	0.10
NE+3.30	31	UMBRX Max	1.262	0.343	0.000382	0.000104	0.0003959	0.10	NE+3.30	31	UMBRY Max	0.384	0.995	0.000116	0.000301	0.0003226	0.08
NE+3.30	32	UMBRX Max	1.262	0.422	0.000382	0.000128	0.0004029	0.10	NE+3.30	32	UMBRY Max	0.384	1.091	0.000116	0.000331	0.0003507	0.09
NE+3.30	33	UMBRX Max	1.262	0.526	0.000382	0.000159	0.0004138	0.10	NE+3.30	33	UMBRY Max	0.384	1.207	0.000116	0.000366	0.0003839	0.10
NE+3.30	6	UMBRX Max	1.172	0.379	0.000355	0.000115	0.0003732	0.09	NE+3.30	6	UMBRY Max	0.376	0.666	0.000114	0.000202	0.0002319	0.06
NE+3.30	30	UMBRX Max	1.262	0.379	0.000382	0.000115	0.0003989	0.10	NE+3.30	30	UMBRY Max	0.384	0.666	0.000116	0.000202	0.0002329	0.06
NE+3.30	37	UMBRX Max	1.172	0.333	0.000355	0.000101	0.0003691	0.09	NE+3.30	37	UMBRY Max	0.376	0.698	0.000114	0.000212	0.0002407	0.06
NE+3.30	38	UMBRX Max	1.262	0.333	0.000382	0.000101	0.0003951	0.10	NE+3.30	38	UMBRY Max	0.384	0.698	0.000116	0.000212	0.0002417	0.06
NE+3.30	39	UMBRX Max	1.172	0.287	0.000355	0.000087	0.0003655	0.09	NE+3.30	39	UMBRY Max	0.376	0.751	0.000114	0.000228	0.0002549	0.06
NE+3.30	40	UMBRX Max	1.262	0.287	0.000382	0.000087	0.0003918	0.10	NE+3.30	40	UMBRY Max	0.384	0.751	0.000116	0.000228	0.0002558	0.06
NE+3.30	41	UMBRX Max	1.131	0.272	0.000343	0.000082	0.0003527	0.09	NE+3.30	41	UMBRY Max	0.39	0.864	0.000118	0.000262	0.0002873	0.07
NE+3.30	42	UMBRX Max	1.172	0.272	0.000355	0.000082	0.0003643	0.09	NE+3.30	42	UMBRY Max	0.376	0.864	0.000114	0.000262	0.0002857	0.07
NE+3.30	43	UMBRX Max	1.262	0.272	0.000382	0.000082	0.0003907	0.10	NE+3.30	43	UMBRY Max	0.384	0.864	0.000116	0.000262	0.0002865	0.07

UNIVERSIDAD NACIONAL DE COLOMBIA

CALCULO DE DERIVAS

Proyecto:	PRO-054-ZIPA-GRADERIAS-ESTRUCTURA-B
Realizó:	JDNA
Contiene:	CÁLCULO DE DERIVAS
Fecha:	Marzo de 2021
Versión:	VA

Deriva máx	**0.010**

Indice máximo en x	**0.32**
Indice máximo en y	**0.25**

Story	Label	Load Case/Combo	Displacement X	Displacement Y	Drift X	Drift Y	Deriva	Indice	Story	Label	Load Case/Combo	Displacement X	Displacement Y	Drift X	Drift Y	Deriva	Indice
NE+7.48	20	DERX Max	15.998	9.44	0.002057	0.001288	0.002427	0.24	NE+7.48	20	DERY Max	4.841	14.016	0.000624	0.001979	0.00207505	0.21
NE+7.48	21	DERX Max	15.223	6.584	0.001732	0.000945	0.001973	0.20	NE+7.48	21	DERY Max	4.606	13.901	0.000525	0.002104	0.00216851	0.22
NE+7.48	22	DERX Max	15.313	4.257	0.001779	0.000607	0.00188	0.19	NE+7.48	22	DERY Max	4.635	13.143	0.00054	0.001904	0.00197909	0.20
NE+7.48	34	DERX Max	19.211	9.952	0.002688	0.001492	0.003074	0.31	NE+7.48	34	DERY Max	5.776	14.786	0.000808	0.002286	0.00242459	0.24
NE+7.48	35	DERX Max	17.01	6.963	0.001801	0.001086	0.002103	0.21	NE+7.48	35	DERY Max	5.114	14.3	0.000541	0.00224	0.0023044	0.23
NE+7.48	36	DERX Max	17.304	4.487	0.001919	0.000698	0.002042	0.20	NE+7.48	36	DERY Max	5.203	13.756	0.000577	0.00215	0.00222608	0.22
NE+7.48	44	DERX Max	16.985	4.459	0.001791	0.000693	0.00192	0.19	NE+7.48	44	DERY Max	5.107	13.334	0.000539	0.002078	0.00214677	0.21
NE+7.48	45	DERX Max	15.131	4.276	0.001704	0.00062	0.001813	0.18	NE+7.48	45	DERY Max	4.579	12.777	0.000517	0.001854	0.00192474	0.19
NE+7.48	48	DERX Max	15.17	6.034	0.001721	0.000857	0.001923	0.19	NE+7.48	48	DERY Max	4.59	12.591	0.000522	0.001842	0.00191454	0.19
NE+7.48	49	DERX Max	16.714	6.379	0.001681	0.000993	0.001952	0.20	NE+7.48	49	DERY Max	5.025	13.106	0.000506	0.002049	0.00211055	0.21
NE+7.48	52	DERX Max	19.183	9.214	0.002677	0.001381	0.003012	0.30	NE+7.48	52	DERY Max	5.768	12.839	0.000805	0.001987	0.00214387	0.21
NE+7.48	57	DERX Max	15.912	8.793	0.002023	0.001215	0.00236	0.24	NE+7.48	57	DERY Max	4.814	12.314	0.000613	0.001776	0.00187881	0.19
NE+5.00	20	DERX Max	10.933	6.257	0.001725	0.001236	0.002122	0.21	NE+5.00	20	DERY Max	3.306	9.116	0.000522	0.001853	0.00192512	0.19
NE+5.00	21	DERX Max	10.933	4.272	0.00167	0.000813	0.001857	0.19	NE+5.00	21	DERY Max	3.306	8.745	0.000505	0.001754	0.00182525	0.18
NE+5.00	22	DERX Max	10.933	2.756	0.00162	0.000563	0.001715	0.17	NE+5.00	22	DERY Max	3.306	8.425	0.00049	0.00176	0.00182694	0.18
NE+5.00	34	DERX Max	12.545	6.257	0.002509	0.001251	0.002804	0.28	NE+5.00	34	DERY Max	3.771	9.116	0.000754	0.001823	0.00197278	0.20
NE+5.00	35	DERX Max	12.545	4.272	0.002509	0.000854	0.00265	0.27	NE+5.00	35	DERY Max	3.771	8.745	0.000754	0.001749	0.0019046	0.19
NE+5.00	36	DERX Max	12.545	2.756	0.002509	0.000551	0.002569	0.26	NE+5.00	36	DERY Max	3.771	8.425	0.000754	0.001685	0.00184601	0.18

UNIVERSIDAD NACIONAL DE COLOMBIA

CALCULO DE DERIVAS

Proyecto:	PRO-054-ZIPA-GRADERIAS-ESTRUCTURA-B
Realizó:	JDNA
Contiene:	CÁLCULO DE DERIVAS
Fecha:	Marzo de 2021
Versión:	VA

Deriva máx	**0.010**

Indice máximo en x	**0.32**
Indice máximo en y	**0.25**

Story	Label	Load Case/Combo	Displacement X	Displacement Y	Drift X	Drift Y	Deriva	Indice	Story	Label	Load Case/Combo	Displacement X	Displacement Y	Drift X	Drift Y	Deriva	Indice
NE+5.00	44	DERX Max	12.545	2.74	0.002509	0.000548	0.002568	0.26	NE+5.00	44	DERY Max	3.771	8.18	0.000754	0.001636	0.00180139	0.18
NE+5.00	45	DERX Max	10.933	2.74	0.00159	0.000577	0.001691	0.17	NE+5.00	45	DERY Max	3.306	8.18	0.000481	0.00172	0.00178599	0.18
NE+5.00	48	DERX Max	10.933	3.917	0.001598	0.000799	0.001787	0.18	NE+5.00	48	DERY Max	3.306	8.025	0.000483	0.001694	0.00176151	0.18
NE+5.00	49	DERX Max	12.545	3.917	0.002509	0.000783	0.002628	0.26	NE+5.00	49	DERY Max	3.771	8.025	0.000754	0.001605	0.00177329	0.18
NE+5.00	52	DERX Max	12.545	5.792	0.002509	0.001158	0.002763	0.28	NE+5.00	52	DERY Max	3.771	7.911	0.000754	0.001582	0.0017525	0.18
NE+5.00	57	DERX Max	10.933	5.792	0.00169	0.001161	0.00205	0.21	NE+5.00	57	DERY Max	3.306	7.911	0.000511	0.001663	0.00173974	0.17
NE+4.35	20	DERX Max	9.813	5.456	0.002256	0.001254	0.002581	0.26	NE+4.35	20	DERY Max	2.967	7.914	0.000682	0.001819	0.00194265	0.19
NE+4.35	21	DERX Max	9.848	3.746	0.002264	0.000861	0.002422	0.24	NE+4.35	21	DERY Max	2.978	7.607	0.000685	0.001749	0.00187836	0.19
NE+4.35	22	DERX Max	9.881	2.391	0.002272	0.00055	0.002338	0.23	NE+4.35	22	DERY Max	2.988	7.282	0.000687	0.001674	0.00180949	0.18
NE+4.35	45	DERX Max	9.9	2.365	0.002276	0.000544	0.00234	0.23	NE+4.35	45	DERY Max	2.994	7.062	0.000688	0.001623	0.0017628	0.18
NE+4.35	48	DERX Max	9.896	3.399	0.002275	0.000781	0.002405	0.24	NE+4.35	48	DERY Max	2.992	6.924	0.000688	0.001592	0.0017343	0.17
NE+4.35	57	DERX Max	9.836	5.04	0.002261	0.001159	0.002541	0.25	NE+4.35	57	DERY Max	2.975	6.83	0.000684	0.00157	0.00171253	0.17
NE+3.30	9	DERX Max	9.06	5.353	0.002746	0.001622	0.003189	0.32	NE+3.30	9	DERY Max	2.761	7.717	0.000837	0.002339	0.00248425	0.25
NE+3.30	10	DERX Max	9.06	3.649	0.002746	0.001106	0.00296	0.30	NE+3.30	10	DERY Max	2.761	7.392	0.000837	0.00224	0.00239127	0.24
NE+3.30	11	DERX Max	9.06	2.337	0.002746	0.000708	0.002836	0.28	NE+3.30	11	DERY Max	2.761	7.112	0.000837	0.002155	0.00231184	0.23
NE+3.30	46	DERX Max	9.06	2.309	0.002746	0.0007	0.002834	0.28	NE+3.30	46	DERY Max	2.761	6.895	0.000837	0.002089	0.00225044	0.23
NE+3.30	47	DERX Max	9.06	3.314	0.002746	0.001004	0.002924	0.29	NE+3.30	47	DERY Max	2.761	6.757	0.000837	0.002047	0.00221151	0.22
NE+3.30	58	DERX Max	9.06	4.92	0.002746	0.001491	0.003125	0.31	NE+3.30	58	DERY Max	2.761	6.653	0.000837	0.002016	0.00218285	0.22

UNIVERSIDAD NACIONAL DE COLOMBIA

CALCULO DE DERIVAS

Proyecto:	PRO-054-ZIPA-GRADERÍAS-ESTRUCTURA-B
Realizó:	JDNA
Contiene:	CÁLCULO DE DERIVAS-UMBRAL
Fecha:	Marzo de 2021
Versión:	VA

Deriva máx	**0.004**

Indice máximo en x	**0.21**
Indice máximo en y	**0.16**

Story	Label	Load Case/Combo	Displacement X	Displacement Y	Drift X	Drift Y	Deriva	Indice	Story	Label	Load Case/Combo	Displacement X	Displacement Y	Drift X	Drift Y	Deriva	Indice
NE+7.48	20	UMBRX Max	4.259	2.481	0.000544	0.000337	0.0006399	0.16	NE+7.48	20	UMBRY Max	1.288	3.715	0.000165	0.000524	0.0005494	0.14
NE+7.48	21	UMBRX Max	4.055	1.732	0.000461	0.000246	0.0005225	0.13	NE+7.48	21	UMBRY Max	1.227	3.677	0.00014	0.000551	0.0005685	0.14
NE+7.48	22	UMBRX Max	4.077	1.126	0.000471	0.000161	0.0004978	0.12	NE+7.48	22	UMBRY Max	1.234	3.477	0.000143	0.000503	0.0005229	0.13
NE+7.48	34	UMBRX Max	5.123	2.617	0.000717	0.000392	0.0008172	0.20	NE+7.48	34	UMBRY Max	1.54	3.919	0.000216	0.000606	0.0006433	0.16
NE+7.48	35	UMBRX Max	4.536	1.836	0.00048	0.000286	0.0005587	0.14	NE+7.48	35	UMBRY Max	1.364	3.787	0.000144	0.000593	0.0006102	0.15
NE+7.48	36	UMBRX Max	4.615	1.187	0.000512	0.000185	0.0005444	0.14	NE+7.48	36	UMBRY Max	1.387	3.64	0.000154	0.000569	0.0005895	0.15
NE+7.48	44	UMBRX Max	4.53	1.174	0.000478	0.000182	0.0005115	0.13	NE+7.48	44	UMBRY Max	1.362	3.523	0.000144	0.000549	0.0005676	0.14
NE+7.48	45	UMBRX Max	4.029	1.126	0.000451	0.000163	0.0004796	0.12	NE+7.48	45	UMBRY Max	1.219	3.376	0.000137	0.00049	0.0005088	0.13
NE+7.48	48	UMBRX Max	4.039	1.58	0.000456	0.000224	0.0005080	0.13	NE+7.48	48	UMBRY Max	1.222	3.322	0.000138	0.000486	0.0005052	0.13
NE+7.48	49	UMBRX Max	4.457	1.673	0.000448	0.00026	0.0005180	0.13	NE+7.48	49	UMBRY Max	1.34	3.458	0.000135	0.00054	0.0005566	0.14
NE+7.48	52	UMBRX Max	5.116	2.412	0.000714	0.000361	0.0008001	0.20	NE+7.48	52	UMBRY Max	1.538	3.381	0.000215	0.000523	0.0005655	0.14
NE+7.48	57	UMBRX Max	4.236	2.299	0.000535	0.000316	0.0006214	0.15	NE+7.48	57	UMBRY Max	1.281	3.242	0.000162	0.000467	0.0004943	0.12
NE+5.00	20	UMBRX Max	2.912	1.647	0.000459	0.000324	0.0005618	0.14	NE+5.00	20	UMBRY Max	0.881	2.416	0.000139	0.000491	0.0005103	0.13
NE+5.00	21	UMBRX Max	2.912	1.127	0.000445	0.000214	0.0004938	0.12	NE+5.00	21	UMBRY Max	0.881	2.316	0.000135	0.000464	0.0004832	0.12
NE+5.00	22	UMBRX Max	2.912	0.729	0.000431	0.000149	0.0004560	0.11	NE+5.00	22	UMBRY Max	0.881	2.229	0.000131	0.000466	0.0004841	0.12
NE+5.00	34	UMBRX Max	3.346	1.647	0.000669	0.000329	0.0007455	0.19	NE+5.00	34	UMBRY Max	1.006	2.416	0.000201	0.000483	0.0005232	0.13
NE+5.00	35	UMBRX Max	3.346	1.127	0.000669	0.000225	0.0007058	0.18	NE+5.00	35	UMBRY Max	1.006	2.316	0.000201	0.000463	0.0005047	0.13
NE+5.00	36	UMBRX Max	3.346	0.729	0.000669	0.000146	0.0006847	0.17	NE+5.00	36	UMBRY Max	1.006	2.229	0.000201	0.000446	0.0004892	0.12
NE+5.00	44	UMBRX Max	3.346	0.722	0.000669	0.000144	0.0006843	0.17	NE+5.00	44	UMBRY Max	1.006	2.161	0.000201	0.000432	0.0004765	0.12
NE+5.00	45	UMBRX Max	2.912	0.722	0.000424	0.000152	0.0004504	0.11	NE+5.00	45	UMBRY Max	0.881	2.161	0.000128	0.000454	0.0004717	0.12
NE+5.00	48	UMBRX Max	2.912	1.028	0.000425	0.000209	0.0004736	0.12	NE+5.00	48	UMBRY Max	0.881	2.117	0.000129	0.000447	0.0004652	0.12
NE+5.00	49	UMBRX Max	3.346	1.028	0.000669	0.000206	0.0007000	0.17	NE+5.00	49	UMBRY Max	1.006	2.117	0.000201	0.000423	0.0004683	0.12
NE+5.00	52	UMBRX Max	3.346	1.518	0.000669	0.000304	0.0007348	0.18	NE+5.00	52	UMBRY Max	1.006	2.083	0.000201	0.000417	0.0004629	0.12
NE+5.00	57	UMBRX Max	2.912	1.518	0.00045	0.000303	0.0005425	0.14	NE+5.00	57	UMBRY Max	0.881	2.083	0.000136	0.000438	0.0004586	0.11
NE+4.35	20	UMBRX Max	2.614	1.437	0.000601	0.00033	0.0006856	0.17	NE+4.35	20	UMBRY Max	0.79	2.097	0.000182	0.000482	0.0005152	0.13
NE+4.35	21	UMBRX Max	2.623	0.988	0.000603	0.000227	0.0006443	0.16	NE+4.35	21	UMBRY Max	0.793	2.015	0.000182	0.000463	0.0004975	0.12
NE+4.35	22	UMBRX Max	2.632	0.633	0.000605	0.000145	0.0006221	0.16	NE+4.35	22	UMBRY Max	0.796	1.927	0.000183	0.000443	0.0004793	0.12
NE+4.35	45	UMBRX Max	2.637	0.623	0.000606	0.000143	0.0006226	0.16	NE+4.35	45	UMBRY Max	0.797	1.866	0.000183	0.000429	0.0004664	0.12
NE+4.35	48	UMBRX Max	2.636	0.892	0.000606	0.000205	0.0006397	0.16	NE+4.35	48	UMBRY Max	0.797	1.827	0.000183	0.00042	0.0004581	0.11
NE+4.35	57	UMBRX Max	2.62	1.322	0.000602	0.000304	0.0006744	0.17	NE+4.35	57	UMBRY Max	0.792	1.799	0.000182	0.000414	0.0004522	0.11
NE+3.30	9	UMBRX Max	2.411	1.41	0.000731	0.000427	0.0008466	0.21	NE+3.30	9	UMBRY Max	0.734	2.045	0.000223	0.00062	0.0006589	0.16
NE+3.30	10	UMBRX Max	2.411	0.963	0.000731	0.000292	0.0007872	0.20	NE+3.30	10	UMBRY Max	0.734	1.958	0.000223	0.000593	0.0006335	0.16
NE+3.30	11	UMBRX Max	2.411	0.618	0.000731	0.000187	0.0007545	0.19	NE+3.30	11	UMBRY Max	0.734	1.882	0.000223	0.00057	0.0006121	0.15
NE+3.30	46	UMBRX Max	2.411	0.608	0.000731	0.000184	0.0007538	0.19	NE+3.30	46	UMBRY Max	0.734	1.822	0.000223	0.000552	0.0005953	0.15
NE+3.30	47	UMBRX Max	2.411	0.87	0.000731	0.000264	0.0007772	0.19	NE+3.30	47	UMBRY Max	0.734	1.783	0.000223	0.00054	0.0005842	0.15
NE+3.30	58	UMBRX Max	2.411	1.291	0.000731	0.000391	0.0008290	0.21	NE+3.30	58	UMBRY Max	0.734	1.752	0.000223	0.000531	0.0005759	0.14

Anexo 8. Combinaciones de carga

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Bogotá, D. C., Colombia

UNIVERSIDAD NACIONAL DE COLOMBIA	**Proyecto:** PRO054-DISEÑO GRADERÍAS-ESTRUCTURA A **Realizó:** JDNA **Contiene:** IRREGULARIDADES **Fecha:** Marzo de 2021 **Versión:** VA

R= 4.5

Omega= 3

	COMB	D	L	LR	SX	SY
VIGAS	B241V	1.40				
	B242V	1.20	1.60	0.50		
	B243V	1.20	1.00	1.60		
	B244V	1.20	1.00	0.50		
	B245VX	1.20	1.00		0.22	0.07
	B245VY	1.20	1.00		0.07	0.22
	B246V	0.90				
	B247VX	0.90			0.22	0.07
	B247VY	0.90			0.07	0.22
	B245VCORTX	1.20	1.00		0.44	0.13
	B245VCORTY	1.20	1.00		0.13	0.44
	B247VCORTX	0.90			0.44	0.13
	B247VCORTY	0.90			0.13	0.44
COLUMNAS	B241C	1.40				
	B242C	1.20	1.60	0.50		
	B243C	1.20	1.00	1.60		
	B244C	1.20	1.00	0.50		
	B245CX	1.20	1.00		0.22	0.07
	B245CY	1.20	1.00		0.07	0.22
	B246C	0.90				
	B247CX	0.90			0.22	0.07
	B247CY	0.90			0.07	0.22
	B245CCORTX	1.20	1.00		0.67	0.20
	B245CCORTY	1.20	1.00		0.20	0.67
	B247CCORTX	0.90			0.67	0.20
	B247CCORTY	0.90			0.20	0.67
CIMENTACION	B231	1.00				
	B232	1.00	1			
	B233	1.00		1		
	B234	1.00	0.75	0.75		
	B235	1.00				
	B236X	1.00			0.16	
	B236Y	1.00				0.16
	B237	1.00	0.75	0.75		
	B238X	1.00	0.75	0.75	0.12	
	B238Y	1.00	0.75	0.75		0.12
	B239	0.60				
	B2310X	0.60			0.16	
	B2310Y	0.60				0.16

UNIVERSIDAD NACIONAL DE COLOMBIA	**Proyecto:** PRO054-DISEÑO GRADERÍAS-ESTRUCTURA B **Realizó:** JDNA **Contiene:** IRREGULARIDADES **Fecha:** Marzo de 2021 **Versión:** VA

R= 5

Omega= 3

	COMB	D	L	LR	SX	SY
VIGAS	B241V	1.40				
	B242V	1.20	1.60	0.50		
	B243V	1.20	1.00	1.60		
	B244V	1.20	1.00	0.50		
	B245VX	1.20	1.00		0.20	
	B245VY	1.20	1.00			0.20
	B246V	0.90				
	B247VX	0.90			0.20	
	B247VY	0.90				0.20
	B245VCORTX	1.20	1.00		0.40	
	B245VCORTY	1.20	1.00			0.40
	B247VCORTX	0.90			0.40	
	B247VCORTY	0.90				0.40
COLUMNAS	B241C	1.40				
	B242C	1.20	1.60	0.50		
	B243C	1.20	1.00	1.60		
	B244C	1.20	1.00	0.50		
	B245CX	1.20	1.00		0.20	0.06
	B245CY	1.20	1.00		0.06	0.20
	B246C	0.90				
	B247CX	0.90			0.20	0.06
	B247CY	0.90			0.06	0.20
	B245CCORTX	1.20	1.00		0.60	0.18
	B245CCORTY	1.20	1.00		0.18	0.60
	B247CCORTX	0.90			0.60	0.18
	B247CCORTY	0.90			0.18	0.60
CIMENTACION	B231	1.00				
	B232	1.00	1			
	B233	1.00		1		
	B234	1.00	0.75	0.75		
	B235	1.00				
	B236X	1.00			0.14	
	B236Y	1.00				0.14
	B237	1.00	0.75	0.75		
	B238X	1.00	0.75	0.75	0.11	
	B238Y	1.00	0.75	0.75		0.11
	B239	0.60				
	B2310X	0.60			0.14	
	B2310Y	0.60				0.14

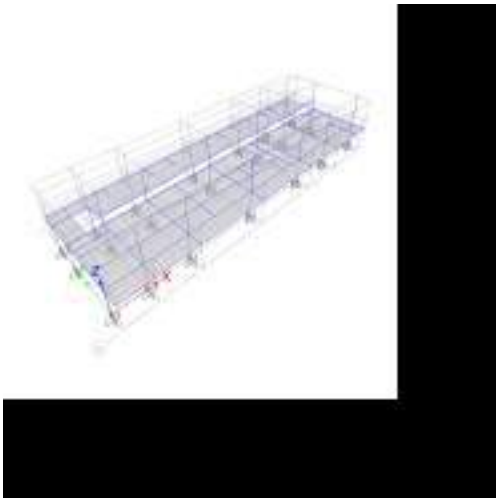
Departamento de Ingeniería Civil y Agrícola
Facultad de Ingeniería
Sede Bogotá

UNIVERSIDAD NACIONAL DE COLOMBIA

Anexo 9. Reporte de ETABS

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ETABS® 2015
Integrated Building Design Software



PRO-054-ZIPA-GRADERÍAS-ESTRUC_A-

Model File: PRO-049-MOD-COMUNAL Y PR-VA, Revision 0
30/03/2021

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1 Structure Data

This chapter provides model geometry information, including items such as story levels, point coordinates, and element connectivity.

1.1 Story Data

Table 1.1 - Story Data

Name	Height mm	Elevation mm	Master Story	Similar To	Splice Story
NE+7.50	2500	7500	No	None	No
NE+5.00	650	5000	No	None	No
NE+4.35	1050	4350	No	None	No
NE+3.30	3300	3300	No	None	No
NE+0.00	0	0	No	None	No

1.2 Grid Data

Table 1.2 - Grid Systems

Name	Type	Story Range	X Origin m	Y Origin m	Rotation deg	Bubble Size mm	Color
G1	Cartesian	Default	0	0	0	1250	ffa0a0a0

Table 1.3 - Grid Lines

Grid System	Grid Direction	Grid ID	Visible	Bubble Location	Ordinate m
G1	X	1	Yes	End	0
G1	X	2	Yes	End	3.73
G1	X	3	Yes	End	8.73
G1	X	4	Yes	End	17.46
G1	X	5	Yes	End	26.19
G1	X	6	Yes	End	32.13
G1	X	7	Yes	End	38.98
G1	Y	D'	Yes	Start	-1.875
G1	Y	D	Yes	End	0
G1	Y	C	Yes	End	6.86
G1	Y	B	Yes	End	10.16
G1	Y	A	Yes	End	11.83

1.3 Point Coordinates

Table 1.4 - Joint Coordinates Data

Label	X mm	Y mm	ΔZ Below mm
1	0	10160	0
2	3730	10160	0
3	8730	10160	0
4	26190	10160	0
7	32130	10160	0

Table 1.4 - Joint Coordinates Data (continued)

Label	X mm	Y mm	ΔZ Below mm
8	38980	10160	0
17	26190	6860	0
18	32130	6860	0
19	38980	6860	0
31	26190	0	0
32	32130	0	0
33	38980	0	0
6	0	6860	0
30	0	0	0
37	3730	6860	0
38	3730	0	0
39	8730	6860	0
40	8730	0	0
41	17460	10160	0
42	17460	6860	0
43	17460	0	0
13	0	11830	0
14	3730	11830	0
15	8730	11830	0
16	17460	11830	0
23	26190	11830	0
24	32130	11830	0
25	38980	11830	0
53	6230	10160	0
54	6230	6860	0
55	11640	10160	0
56	14550	10160	0
59	11640	11830	0
60	14550	11830	0
61	20370	10160	0
62	23280	10160	0
63	20370	11830	0
64	23280	11830	0
65	29160	11830	0
66	29160	10160	0
67	29160	6860	0
68	20370	6860	0
69	23280	6860	0
70	11640	6860	0
71	14550	6860	0
72	34410	11830	0
73	34410	10160	0
74	34410	6860	0
75	36700	11830	0

Table 1.4 - Joint Coordinates Data (continued)

Label	X mm	Y mm	ΔZ Below mm
76	36700	10160	0
77	36700	6860	0
78	6230	11830	0
86	3730	2286.7	0
92	0	2286.7	0
111	3730	4573.3	0
112	0	4573.3	0
113	8730	2286.7	0
114	8730	4573.3	0
115	17460	2293.3	0
117	26190	2286.7	0
118	26190	4573.3	0
119	32130	2286.7	0
120	32130	4573.3	0
121	38980	2286.7	0
122	38980	4573.3	0
135	1865	6860	0
136	1865	10160	0
137	1865	11830	0
465	3730	-1875	0
171	8730	-1875	0
208	17460	-1875	0
285	26190	-1875	0
245	0	-1875	0
246	32130	-1875	0
247	38980	-1875	0
369	12180	6860	0
370	23180	6860	0
371	12180	4210	0
372	23180	4210	0
374	12180	0	0
389	23180	0	0
390	17460	4210	0
638	12180	2289.3	0
684	23180	2289	0
635	20560	0	0
637	20560	4210	0
639	20560	6860	0
838	19590	1830	0
839	20560	1830	0
840	19590	4210	0
841	19590	0	0
844	20560	2290	0
846	19590	2291.7	0

Table 1.4 - Joint Coordinates Data (continued)

Label	X mm	Y mm	ΔZ Below mm
393	3260	5540	0
406	3260	6860	0
408	0	5540	0
634	3730	5540	0
687	24670	6245	0
695	24670	2287.8	0
756	26190	6245	0
784	36560	4573.3	0
845	36560	6160	0
848	38980	6160	0
849	36560	6860	0
850	24670	0	0
851	24670	6860	0
858	24670	4210	0
116	36740	-1875	0
396	36740	0	0
394	36740	2286.7	0
10	1865	5540	0

1.4 Line Connectivity

Table 1.5 - Column Connectivity Data

Column	I-End Point	J-End Point	I-End Story
C7	7	7	Below
C8	8	8	Below
C17	17	17	Below
C18	18	18	Below
C19	19	19	Below
C32	31	31	Below
C33	32	32	Below
C34	33	33	Below
C2	4	4	Below
C3	1	1	Below
C4	6	6	Below
C5	30	30	Below
C6	2	2	Below
C12	37	37	Below
C13	38	38	Below
C14	3	3	Below
C15	39	39	Below
C16	40	40	Below
C23	41	41	Below
C24	42	42	Below
C25	43	43	Below

Table 1.5 - Column Connectivity Data (continued)

Column	I-End Point	J-End Point	I-End Story
C94	31	31	Same
C95	17	17	Same
C96	43	43	Same
C98	40	40	Same
C99	39	39	Same
C300	38	38	Same
C301	37	37	Same
C302	32	32	Same
C303	18	18	Same
C304	33	33	Same
C305	19	19	Same

Table 1.6 - Beam Connectivity Data

Beam	I-End Point	J-End Point	Curve Type
B8	33	19	None
B9	32	33	None
B10	31	32	None
B13	38	40	None
B14	30	38	None
B15	30	6	None
B17	38	37	None
B19	40	39	None
B21	43	42	None
B1	6	37	None
B2	37	39	None
B3	39	42	None
B4	42	17	None
B5	17	18	None
B6	18	19	None
B7	31	17	None
B16	32	18	None
B18	6	1	None
B20	1	2	None
B22	2	3	None
B23	3	41	None
B24	41	4	None
B25	4	7	None
B26	7	8	None
B27	1	13	None
B28	2	14	None
B29	3	15	None
B30	41	16	None
B31	4	23	None
B32	7	24	None

Table 1.6 - Beam Connectivity Data (continued)

Beam	I-End Point	J-End Point	Curve Type
B33	8	25	None
B34	2	37	None
B35	3	39	None
B36	41	42	None
B37	4	17	None
B38	7	18	None
B39	8	19	None
B73	53	54	None
B74	55	70	None
B75	56	71	None
B76	61	68	None
B77	62	69	None
B78	62	64	None
B79	61	63	None
B80	56	60	None
B81	55	59	None
B82	53	78	None
B83	73	72	None
B84	73	74	None
B85	76	75	None
B86	76	77	None
B107	92	86	None
B108	112	111	None
B109	86	113	None
B110	111	114	None
B115	117	119	None
B116	118	120	None
B117	119	121	None
B118	120	122	None
B129	66	65	None
B130	66	67	None
B131	135	136	None
B132	136	137	None
B133	37	2	None
B148	40	43	None
B149	43	31	None
B255	245	30	None
B256	465	38	None
B257	171	40	None
B258	208	43	None
B259	285	31	None
B260	246	32	None
B261	247	33	None
B262	245	465	None
B263	465	171	None

Table 1.6 - Beam Connectivity Data (continued)

Beam	I-End Point	J-End Point	Curve Type
B264	171	208	None
B265	208	285	None
B266	285	246	None
B267	246	247	None
B445	374	369	None
B448	389	370	None
B460	371	390	None
B463	390	372	None
B790	114	371	None
B792	13	14	None
B793	14	15	None
B794	15	16	None
B795	16	23	None
B796	23	24	None
B797	24	25	None
B910	113	638	None
B911	638	115	None
B885	115	838	None
B907	838	839	None
B908	839	684	None
B112	408	634	None
B446	850	851	None
B627	684	695	None
B883	372	858	None
B909	687	756	None
B113	784	849	None
B456	838	840	None
B458	839	637	None
B451	116	396	None
B457	396	394	None
B12	845	848	None

1.5 Area Connectivity

Table 1.7 - Floor Connectivity Data

Floor	Number of Edges	Edge Number	Point 1	Point 2	Curve Type
F11	4	1	1	2	None
		2	2	14	None
		3	14	13	None
		4	13	1	None
F15	4	1	6	135	None
		2	135	136	None
		3	136	1	None
		4	1	6	None

Table 1.7 - Floor Connectivity Data (continued)

Floor	Number of Edges	Edge Number	Point 1	Point 2	Curve Type
F2	4	1	371	390	None
		2	390	42	None
		3	42	369	None
		4	369	371	None
F13	4	1	245	465	None
		2	465	38	None
		3	38	30	None
		4	30	245	None
F21	4	1	465	171	None
		2	171	40	None
		3	40	38	None
		4	38	465	None
F24	4	1	171	208	None
		2	208	43	None
		3	43	40	None
		4	40	171	None
F25	4	1	208	285	None
		2	285	31	None
		3	31	43	None
		4	43	208	None
F26	4	1	285	246	None
		2	246	32	None
		3	32	31	None
		4	31	285	None
F28	4	1	2	3	None
		2	3	15	None
		3	15	14	None
		4	14	2	None
F30	4	1	7	8	None
		2	8	25	None
		3	25	24	None
		4	24	7	None
F31	4	1	4	7	None
		2	7	24	None
		3	24	23	None
		4	23	4	None
F32	4	1	3	41	None
		2	41	16	None
		3	16	15	None
		4	15	3	None
F33	4	1	41	4	None
		2	4	23	None
		3	23	16	None
		4	16	41	None

Table 1.7 - Floor Connectivity Data (continued)

Floor	Number of Edges	Edge Number	Point 1	Point 2	Curve Type
F34	4	1	30	38	None
		2	38	86	None
		3	86	92	None
		4	92	30	None
F35	4	1	92	86	None
		2	86	111	None
		3	111	112	None
		4	112	92	None
F37	4	1	38	40	None
		2	40	113	None
		3	113	86	None
		4	86	38	None
F38	4	1	86	113	None
		2	113	114	None
		3	114	111	None
		4	111	86	None
F39	4	1	111	114	None
		2	114	39	None
		3	39	37	None
		4	37	111	None
F40	4	1	31	32	None
		2	32	119	None
		3	119	117	None
		4	117	31	None
F41	4	1	117	119	None
		2	119	120	None
		3	120	118	None
		4	118	117	None
F42	4	1	118	120	None
		2	120	18	None
		3	18	17	None
		4	17	118	None
F44	4	1	119	121	None
		2	121	122	None
		3	122	120	None
		4	120	119	None
F47	4	1	40	374	None
		2	374	638	None
		3	638	113	None
		4	113	40	None
F48	4	1	113	638	None
		2	638	371	None
		3	371	114	None
		4	114	113	None

Table 1.7 - Floor Connectivity Data (continued)

Floor	Number of Edges	Edge Number	Point 1	Point 2	Curve Type
F49	4	1	114	371	None
		2	371	369	None
		3	369	39	None
		4	39	114	None
F51	4	1	374	43	None
		2	43	115	None
		3	115	638	None
		4	638	374	None
F52	4	1	638	115	None
		2	115	390	None
		3	390	371	None
		4	371	638	None
F66	4	1	53	2	None
		2	2	37	None
		3	37	54	None
		4	54	53	None
F67	4	1	3	53	None
		2	53	54	None
		3	54	39	None
		4	39	3	None
F68	4	1	55	3	None
		2	3	39	None
		3	39	70	None
		4	70	55	None
F69	4	1	56	55	None
		2	55	70	None
		3	70	71	None
		4	71	56	None
F70	4	1	41	56	None
		2	56	71	None
		3	71	42	None
		4	42	41	None
F71	4	1	61	41	None
		2	41	42	None
		3	42	68	None
		4	68	61	None
F72	4	1	62	61	None
		2	61	68	None
		3	68	69	None
		4	69	62	None
F73	4	1	4	62	None
		2	62	69	None
		3	69	17	None
		4	17	4	None

Table 1.7 - Floor Connectivity Data (continued)

Floor	Number of Edges	Edge Number	Point 1	Point 2	Curve Type
F74	4	1	66	4	None
		2	4	17	None
		3	17	67	None
		4	67	66	None
F75	4	1	7	66	None
		2	66	67	None
		3	67	18	None
		4	18	7	None
F76	4	1	73	7	None
		2	7	18	None
		3	18	74	None
		4	74	73	None
F77	4	1	76	73	None
		2	73	74	None
		3	74	77	None
		4	77	76	None
F78	4	1	8	76	None
		2	76	77	None
		3	77	19	None
		4	19	8	None
F101	4	1	390	637	None
		2	637	639	None
		3	639	42	None
		4	42	390	None
F104	4	1	637	372	None
		2	372	370	None
		3	370	639	None
		4	639	637	None
F106	4	1	838	839	None
		2	839	637	None
		3	637	840	None
		4	840	838	None
F109	4	1	844	684	None
		2	684	372	None
		3	372	637	None
		4	637	844	None
F113	4	1	115	846	None
		2	846	840	None
		3	840	390	None
		4	390	115	None
F114	4	1	43	841	None
		2	841	838	None
		3	838	115	None
		4	115	43	None

Table 1.7 - Floor Connectivity Data (continued)

Floor	Number of Edges	Edge Number	Point 1	Point 2	Curve Type
F115	4	1	841	635	None
		2	635	839	None
		3	839	838	None
		4	838	841	None
F116	4	1	635	389	None
		2	389	684	None
		3	684	839	None
		4	839	635	None
F117	3	1	839	684	None
		2	684	844	None
		3	844	839	None
F118	3	1	115	838	None
		2	838	846	None
		3	846	115	None
F53	4	1	112	111	None
		2	111	634	None
		3	634	408	None
		4	408	112	None
F55	4	1	393	634	None
		2	634	37	None
		3	37	406	None
		4	406	393	None
F111	4	1	120	784	None
		2	784	849	None
		3	849	18	None
		4	18	120	None
F112	4	1	845	848	None
		2	848	19	None
		3	19	849	None
		4	849	845	None
F125	4	1	687	756	None
		2	756	17	None
		3	17	851	None
		4	851	687	None
F36	4	1	389	850	None
		2	850	695	None
		3	695	684	None
		4	684	389	None
F45	4	1	684	695	None
		2	695	858	None
		3	858	372	None
		4	372	684	None
F56	4	1	372	858	None
		2	858	851	None

Table 1.7 - Floor Connectivity Data (continued)

Floor	Number of Edges	Edge Number	Point 1	Point 2	Curve Type
		3	851	370	None
		4	370	372	None
F57	4	1	850	31	None
		2	31	756	None
		3	756	687	None
		4	687	850	None
F12	4	1	246	116	None
		2	116	396	None
		3	396	32	None
		4	32	246	None
F65	4	1	116	247	None
		2	247	33	None
		3	33	396	None
		4	396	116	None
F27	4	1	32	396	None
		2	396	394	None
		3	394	119	None
		4	119	32	None
F43	4	1	396	33	None
		2	33	121	None
		3	121	394	None
		4	394	396	None
F3	4	1	784	122	None
		2	122	848	None
		3	848	845	None
		4	845	784	None
F6	4	1	10	393	None
		2	393	406	None
		3	406	135	None
		4	135	10	None
F7	4	1	408	10	None
		2	10	135	None
		3	135	6	None
		4	6	408	None

2 Properties

This chapter provides property information for materials, frame sections, shell sections, and links.

2.1 Materials

Table 2.1 - Material Properties - Summary

Name	Type	E MPa	v	Unit Weight kN/m³	Design Strengths
28 MPa	Concrete	24870.06	0.2	24	Fc=28 MPa
A615Gr60	Rebar	199948	0	76.9729	Fy=413.69 MPa, Fu=620.53 MPa
W=0	Concrete	21589.33	0.2	0	Fc=21.1 MPa

2.2 Frame Sections

Table 2.2 - Frame Sections - Summary

Name	Material	Shape
C45x65	28 MPa	Concrete Rectangular
C60	28 MPa	Concrete Circle
V 15x55	28 MPa	Concrete Rectangular
V 20x45	28 MPa	Concrete Rectangular
V 20x55	28 MPa	Concrete Rectangular
V 30x45	28 MPa	Concrete Rectangular
V25x55	28 MPa	Concrete Rectangular
V30x55	28 MPa	Concrete Rectangular

2.3 Shell Sections

Table 2.3 - Shell Sections - Summary

Name	Design Type	Element Type	Material	Total Thickness mm
ESC 1D	Slab	Membrane	W=0	100
ESC 2D	Slab	Membrane	W=0	100
GRAD P=0	Slab	Membrane	W=0	100
PL10 CM (P0)	Slab	Membrane	W=0	100

3 Assignments

This chapter provides a listing of the assignments applied to the model.

3.1 Joint Assignments

Table 3.1 - Joint Assignments - Summary

Story	Label	Unique Name	Diaphragm	Restraints
NE+7.50	17	49	From Area	
NE+7.50	18	51	From Area	
NE+7.50	19	53	From Area	
NE+7.50	31	79	From Area	
NE+7.50	32	78	From Area	
NE+7.50	33	80	From Area	
NE+7.50	37	186	From Area	
NE+7.50	38	192	From Area	
NE+7.50	39	203	From Area	
NE+7.50	40	209	From Area	
NE+7.50	42	221	From Area	
NE+7.50	43	227	From Area	
NE+5.00	42	251	From Area	
NE+4.35	17	238	From Area	
NE+4.35	18	247	From Area	
NE+4.35	19	258	From Area	
NE+4.35	37	189	From Area	
NE+4.35	39	206	From Area	
NE+4.35	42	224	From Area	
NE+4.35	54	62	From Area	
NE+4.35	67	73	From Area	
NE+4.35	68	74	From Area	
NE+4.35	69	75	From Area	
NE+4.35	70	76	From Area	
NE+4.35	71	77	From Area	
NE+4.35	74	86	From Area	
NE+4.35	77	89	From Area	
NE+3.30	1	168	D1	
NE+3.30	2	185	D1	
NE+3.30	3	202	D1	
NE+3.30	4	242	D1	
NE+3.30	7	245	D1	
NE+3.30	8	262	D1	
NE+3.30	17	48	D1	
NE+3.30	18	50	D1	
NE+3.30	19	52	D1	
NE+3.30	31	42	D1	
NE+3.30	32	43	D1	
NE+3.30	33	44	D1	
NE+3.30	6	173	D1	
NE+3.30	30	179	D1	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	Unique Name	Diaphragm	Restraints
NE+3.30	37	190	D1	
NE+3.30	38	196	D1	
NE+3.30	39	207	D1	
NE+3.30	40	213	D1	
NE+3.30	41	219	D1	
NE+3.30	42	225	D1	
NE+3.30	43	231	D1	
NE+3.30	13	8	D1	
NE+3.30	14	9	D1	
NE+3.30	15	10	D1	
NE+3.30	16	11	D1	
NE+3.30	23	12	D1	
NE+3.30	24	18	D1	
NE+3.30	25	30	D1	
NE+3.30	53	61	D1	
NE+3.30	55	63	D1	
NE+3.30	56	64	D1	
NE+3.30	59	65	D1	
NE+3.30	60	66	D1	
NE+3.30	61	67	D1	
NE+3.30	62	68	D1	
NE+3.30	63	69	D1	
NE+3.30	64	70	D1	
NE+3.30	65	71	D1	
NE+3.30	66	72	D1	
NE+3.30	72	84	D1	
NE+3.30	73	85	D1	
NE+3.30	75	87	D1	
NE+3.30	76	88	D1	
NE+3.30	78	90	D1	
NE+3.30	86	98	D1	
NE+3.30	92	104	D1	
NE+3.30	111	123	D1	
NE+3.30	112	124	D1	
NE+3.30	113	125	D1	
NE+3.30	114	126	D1	
NE+3.30	115	127	D1	
NE+3.30	117	129	D1	
NE+3.30	118	130	D1	
NE+3.30	119	131	D1	
NE+3.30	120	132	D1	
NE+3.30	121	133	D1	
NE+3.30	122	134	D1	
NE+3.30	135	147	D1	
NE+3.30	136	148	D1	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	Unique Name	Diaphragm	Restraints
NE+3.30	137	149	D1	
NE+3.30	465	377	D1	
NE+3.30	171	378	D1	
NE+3.30	208	379	D1	
NE+3.30	285	380	D1	
NE+3.30	245	376	D1	
NE+3.30	246	381	D1	
NE+3.30	247	382	D1	
NE+3.30	369	33	D1	
NE+3.30	370	46	D1	
NE+3.30	371	56	D1	
NE+3.30	372	171	D1	
NE+3.30	374	177	D1	
NE+3.30	389	194	D1	
NE+3.30	390	195	D1	
NE+3.30	638	327	D1	
NE+3.30	684	333	D1	
NE+3.30	635	778	D1	
NE+3.30	637	760	D1	
NE+3.30	639	761	D1	
NE+3.30	838	769	D1	
NE+3.30	839	770	D1	
NE+3.30	840	771	D1	
NE+3.30	841	777	D1	
NE+3.30	844	767	D1	
NE+3.30	846	774	D1	
NE+3.30	393	304	D1	
NE+3.30	406	322	D1	
NE+3.30	408	328	D1	
NE+3.30	634	332	D1	
NE+3.30	687	470	D1	
NE+3.30	695	765	D1	
NE+3.30	756	469	D1	
NE+3.30	784	529	D1	
NE+3.30	845	534	D1	
NE+3.30	848	540	D1	
NE+3.30	849	757	D1	
NE+3.30	850	758	D1	
NE+3.30	851	759	D1	
NE+3.30	858	773	D1	
NE+3.30	116	45	D1	
NE+3.30	396	47	D1	
NE+3.30	394	58	D1	
NE+3.30	10	2	From Area	
NE+0.00	1	13	From Area	UX; UY; UZ; RX; RY; RZ

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	Unique Name	Diaphragm	Restraints
NE+0.00	2	14	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	3	15	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	4	16	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	7	20	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	8	22	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	17	239	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	18	248	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	19	259	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	31	236	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	32	252	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	33	256	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	6	174	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	30	180	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	37	191	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	38	197	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	39	208	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	40	214	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	41	220	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	42	226	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	43	232	From Area	UX; UY; UZ; RX; RY; RZ

3.2 Frame Assignments

Table 3.2 - Frame Assignments - Summary

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Min Number Stations	Releases
NE+7.50	C24	259	Column	2500	C45x65	C45x65	12	No
NE+7.50	C94	239	Column	4200	C45x65	C45x65	12	No
NE+7.50	C95	240	Column	3150	C45x65	C45x65	12	No
NE+7.50	C96	241	Column	4200	C45x65	C45x65	12	No
NE+7.50	C98	245	Column	4200	C45x65	C45x65	12	No
NE+7.50	C99	430	Column	3150	C60	C60	12	No
NE+7.50	C300	1322	Column	4200	C45x65	C45x65	12	No
NE+7.50	C301	1323	Column	3150	C45x65	C45x65	12	No
NE+7.50	C302	1324	Column	4200	C45x65	C45x65	12	No
NE+7.50	C303	1325	Column	3150	C45x65	C45x65	12	No
NE+7.50	C304	1326	Column	4200	C45x65	C45x65	12	No
NE+7.50	C305	1327	Column	3150	C45x65	C45x65	12	No
NE+5.00	C24	244	Column	650	C45x65	C45x65	12	No
NE+4.35	C17	246	Column	1050	C45x65	C45x65	12	No
NE+4.35	C18	261	Column	1050	C45x65	C45x65	12	No
NE+4.35	C19	276	Column	1050	C45x65	C45x65	12	No
NE+4.35	C12	201	Column	1050	C45x65	C45x65	12	No
NE+4.35	C15	216	Column	1050	C60	C60	12	No
NE+4.35	C24	231	Column	1050	C45x65	C45x65	12	No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Min Number Stations	Releases
NE+3.30	C7	257	Column	3300	C45x65	C45x65	12	No
NE+3.30	C8	282	Column	3300	C45x65	C45x65	12	No
NE+3.30	C17	247	Column	3300	C45x65	C45x65	12	No
NE+3.30	C18	262	Column	3300	C45x65	C45x65	12	No
NE+3.30	C19	277	Column	3300	C45x65	C45x65	12	No
NE+3.30	C32	242	Column	3300	C45x65	C45x65	12	No
NE+3.30	C33	267	Column	3300	C45x65	C45x65	12	No
NE+3.30	C34	272	Column	3300	C45x65	C45x65	12	No
NE+3.30	C2	252	Column	3300	C45x65	C45x65	12	No
NE+3.30	C3	182	Column	3300	C45x65	C45x65	12	No
NE+3.30	C4	187	Column	3300	C45x65	C45x65	12	No
NE+3.30	C5	192	Column	3300	C45x65	C45x65	12	No
NE+3.30	C6	197	Column	3300	C45x65	C45x65	12	No
NE+3.30	C12	202	Column	3300	C45x65	C45x65	12	No
NE+3.30	C13	207	Column	3300	C45x65	C45x65	12	No
NE+3.30	C14	212	Column	3300	C45x65	C45x65	12	No
NE+3.30	C15	217	Column	3300	C60	C60	12	No
NE+3.30	C16	222	Column	3300	C45x65	C45x65	12	No
NE+3.30	C23	227	Column	3300	C45x65	C45x65	12	No
NE+3.30	C24	232	Column	3300	C45x65	C45x65	12	No
NE+3.30	C25	237	Column	3300	C45x65	C45x65	12	No
NE+4.35	B2	34	Beam	5000	V 20x45	V 20x45	12	No
NE+4.35	B3	35	Beam	8730	V 20x45	V 20x45	12	No
NE+4.35	B4	36	Beam	8730	V 20x45	V 20x45	12	No
NE+4.35	B5	37	Beam	5940	V 20x45	V 20x45	12	No
NE+4.35	B6	38	Beam	6850	V 20x45	V 20x45	12	No
NE+4.35	B34	39	Beam	3463	V 30x45	V 30x45	12	No
NE+4.35	B35	40	Beam	3463	V 30x45	V 30x45	12	No
NE+4.35	B36	41	Beam	3463	V 30x45	V 30x45	12	No
NE+4.35	B37	42	Beam	3463	V 30x45	V 30x45	12	No
NE+4.35	B38	43	Beam	3463	V 30x45	V 30x45	12	No
NE+4.35	B39	44	Beam	3463	V 30x45	V 30x45	12	No
NE+4.35	B73	88	Beam	3463	V 20x45	V 20x45	12	No
NE+4.35	B74	89	Beam	3463	V 20x45	V 20x45	12	No
NE+4.35	B75	90	Beam	3463	V 20x45	V 20x45	12	No
NE+4.35	B76	91	Beam	3463	V 20x45	V 20x45	12	No
NE+4.35	B77	92	Beam	3463	V 20x45	V 20x45	12	No
NE+4.35	B84	99	Beam	3463	V 20x45	V 20x45	12	No
NE+4.35	B86	101	Beam	3463	V 20x45	V 20x45	12	No
NE+4.35	B130	140	Beam	3463	V 20x45	V 20x45	12	No
NE+3.30	B8	8	Beam	6860	V30x55	V30x55	12	No
NE+3.30	B9	9	Beam	6850	V30x55	V30x55	12	No
NE+3.30	B10	10	Beam	5940	V30x55	V30x55	12	No
NE+3.30	B13	13	Beam	5000	V30x55	V30x55	12	No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Min Number Stations	Releases
NE+3.30	B14	14	Beam	3730	V30x55	V30x55	12	No
NE+3.30	B15	15	Beam	6860	V30x55	V30x55	12	No
NE+3.30	B17	17	Beam	6860	V30x55	V30x55	12	No
NE+3.30	B19	19	Beam	6860	V30x55	V30x55	12	No
NE+3.30	B21	21	Beam	6860	V30x55	V30x55	12	No
NE+3.30	B1	1	Beam	3730	V30x55	V30x55	12	No
NE+3.30	B2	2	Beam	5000	V30x55	V30x55	12	No
NE+3.30	B3	3	Beam	8730	V30x55	V30x55	12	No
NE+3.30	B4	4	Beam	8730	V30x55	V30x55	12	No
NE+3.30	B5	5	Beam	5940	V30x55	V30x55	12	No
NE+3.30	B6	46	Beam	6850	V30x55	V30x55	12	No
NE+3.30	B7	7	Beam	6860	V30x55	V30x55	12	No
NE+3.30	B16	16	Beam	6860	V30x55	V30x55	12	No
NE+3.30	B18	18	Beam	3300	V 30x45	V 30x45	12	No
NE+3.30	B20	20	Beam	3730	V 30x45	V 30x45	12	No
NE+3.30	B22	22	Beam	5000	V 30x45	V 30x45	12	No
NE+3.30	B23	23	Beam	8730	V 30x45	V 30x45	12	No
NE+3.30	B24	24	Beam	8730	V 30x45	V 30x45	12	No
NE+3.30	B25	25	Beam	5940	V 30x45	V 30x45	12	No
NE+3.30	B26	26	Beam	6850	V 30x45	V 30x45	12	No
NE+3.30	B27	27	Beam	1670	V 30x45	V 30x45	12	No
NE+3.30	B28	28	Beam	1670	V 30x45	V 30x45	12	No
NE+3.30	B29	29	Beam	1670	V 30x45	V 30x45	12	No
NE+3.30	B30	30	Beam	1670	V 30x45	V 30x45	12	No
NE+3.30	B31	31	Beam	1670	V 30x45	V 30x45	12	No
NE+3.30	B32	32	Beam	1670	V 30x45	V 30x45	12	No
NE+3.30	B33	33	Beam	1670	V 30x45	V 30x45	12	No
NE+3.30	B78	93	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B79	94	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B80	95	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B81	96	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B82	97	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B83	98	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B85	100	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B107	117	Beam	3730	V25x55	V25x55	12	Yes
NE+3.30	B108	118	Beam	3730	V25x55	V25x55	12	Yes
NE+3.30	B109	119	Beam	5000	V25x55	V25x55	12	No
NE+3.30	B110	120	Beam	5000	V25x55	V25x55	12	No
NE+3.30	B115	125	Beam	5940	V 20x55	V 20x55	12	Yes
NE+3.30	B116	126	Beam	5940	V 20x55	V 20x55	12	Yes
NE+3.30	B117	186	Beam	6850	V 20x55	V 20x55	12	Yes
NE+3.30	B118	128	Beam	6850	V 20x55	V 20x55	12	Yes
NE+3.30	B129	139	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B131	141	Beam	3300	V 20x45	V 20x45	12	No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Min Number Stations	Releases
NE+3.30	B132	142	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B133	143	Beam	3300	V 30x45	V 30x45	12	No
NE+3.30	B148	12	Beam	8730	V30x55	V30x55	12	No
NE+3.30	B149	11	Beam	8730	V30x55	V30x55	12	No
NE+3.30	B255	147	Beam	1875	V30x55	V30x55	12	No
NE+3.30	B256	149	Beam	1875	V30x55	V30x55	12	No
NE+3.30	B257	151	Beam	1875	V30x55	V30x55	12	No
NE+3.30	B258	153	Beam	1875	V30x55	V30x55	12	No
NE+3.30	B259	154	Beam	1875	V30x55	V30x55	12	No
NE+3.30	B260	155	Beam	1875	V30x55	V30x55	12	No
NE+3.30	B261	156	Beam	1875	V30x55	V30x55	12	No
NE+3.30	B262	157	Beam	3730	V 20x55	V 20x55	12	No
NE+3.30	B263	250	Beam	5000	V 20x55	V 20x55	12	No
NE+3.30	B264	514	Beam	8730	V 20x55	V 20x55	12	No
NE+3.30	B265	515	Beam	8730	V 20x55	V 20x55	12	No
NE+3.30	B266	516	Beam	5940	V 20x55	V 20x55	12	No
NE+3.30	B267	517	Beam	6850	V 20x55	V 20x55	12	No
NE+3.30	B445	365	Beam	6860	V30x55	V30x55	12	No
NE+3.30	B448	491	Beam	6860	V30x55	V30x55	12	No
NE+3.30	B460	124	Beam	5280	V25x55	V25x55	12	No
NE+3.30	B463	200	Beam	5720	V25x55	V25x55	12	No
NE+3.30	B790	122	Beam	3469.1	V25x55	V25x55	12	No
NE+3.30	B792	260	Beam	3730	V 20x45	V 20x45	12	No
NE+3.30	B793	264	Beam	5000	V 20x45	V 20x45	12	No
NE+3.30	B794	265	Beam	8730	V 20x45	V 20x45	12	No
NE+3.30	B795	266	Beam	8730	V 20x45	V 20x45	12	No
NE+3.30	B796	269	Beam	5940	V 20x45	V 20x45	12	No
NE+3.30	B797	270	Beam	6850	V 20x45	V 20x45	12	No
NE+3.30	B910	351	Beam	3450	V25x55	V25x55	12	No
NE+3.30	B911	352	Beam	5280	V25x55	V25x55	12	No
NE+3.30	B885	705	Beam	2179.8	V25x55	V25x55	12	No
NE+3.30	B907	720	Beam	970	V25x55	V25x55	12	No
NE+3.30	B908	721	Beam	2659.9	V25x55	V25x55	12	No
NE+3.30	B112	123	Beam	3730	V 20x55	V 20x55	12	Yes
NE+3.30	B446	325	Beam	6860	V 20x55	V 20x55	12	Yes
NE+3.30	B627	556	Beam	1490	V25x55	V25x55	12	Yes
NE+3.30	B883	679	Beam	1490	V25x55	V25x55	12	Yes
NE+3.30	B909	677	Beam	1520	V 15x55	V 15x55	12	Yes
NE+3.30	B113	300	Beam	2286.7	V 20x55	V 20x55	12	Yes
NE+3.30	B456	199	Beam	2380	V 15x55	V 15x55	12	Yes
NE+3.30	B458	205	Beam	2380	V 15x55	V 15x55	12	Yes
NE+3.30	B451	184	Beam	1875	V 20x55	V 20x55	12	Yes
NE+3.30	B457	190	Beam	2286.7	V 20x55	V 20x55	12	Yes
NE+3.30	B12	50	Beam	2420	V 15x55	V 15x55	12	Yes

3.3 Shell Assignments

Table 3.3 - Shell Assignments - Summary

Story	Label	Unique Name	Section	Axis Angle deg
NE+4.35	F66	68	GRAD P=0	
NE+4.35	F67	69	GRAD P=0	
NE+4.35	F68	71	GRAD P=0	
NE+4.35	F69	72	GRAD P=0	
NE+4.35	F70	73	GRAD P=0	
NE+4.35	F71	74	GRAD P=0	
NE+4.35	F72	75	GRAD P=0	
NE+4.35	F73	76	GRAD P=0	
NE+4.35	F74	77	GRAD P=0	
NE+4.35	F75	78	GRAD P=0	
NE+4.35	F76	79	GRAD P=0	
NE+4.35	F77	80	GRAD P=0	
NE+4.35	F78	81	GRAD P=0	
NE+3.30	F11	4	PL10 CM (P0)	90
NE+3.30	F15	9	PL10 CM (P0)	90
NE+3.30	F2	54	PL10 CM (P0)	90
NE+3.30	F13	19	PL10 CM (P0)	90
NE+3.30	F21	20	PL10 CM (P0)	90
NE+3.30	F24	24	PL10 CM (P0)	90
NE+3.30	F25	25	PL10 CM (P0)	90
NE+3.30	F26	26	PL10 CM (P0)	90
NE+3.30	F28	28	PL10 CM (P0)	90
NE+3.30	F30	30	PL10 CM (P0)	90
NE+3.30	F31	31	PL10 CM (P0)	90
NE+3.30	F32	32	PL10 CM (P0)	90
NE+3.30	F33	33	PL10 CM (P0)	90
NE+3.30	F34	34	PL10 CM (P0)	90
NE+3.30	F35	35	PL10 CM (P0)	90
NE+3.30	F37	37	PL10 CM (P0)	90
NE+3.30	F38	38	PL10 CM (P0)	90
NE+3.30	F39	39	PL10 CM (P0)	90
NE+3.30	F40	41	PL10 CM (P0)	90
NE+3.30	F41	42	PL10 CM (P0)	90
NE+3.30	F42	43	PL10 CM (P0)	90
NE+3.30	F44	59	PL10 CM (P0)	
NE+3.30	F47	48	PL10 CM (P0)	90
NE+3.30	F48	49	PL10 CM (P0)	90
NE+3.30	F49	50	PL10 CM (P0)	90
NE+3.30	F51	52	PL10 CM (P0)	90
NE+3.30	F52	53	PL10 CM (P0)	90
NE+3.30	F101	129	PL10 CM (P0)	90
NE+3.30	F104	118	PL10 CM (P0)	90
NE+3.30	F106	124	ESC 1D	90

Table 3.3 - Shell Assignments - Summary (continued)

Story	Label	Unique Name	Section	Axis Angle deg
NE+3.30	F109	6	PL10 CM (P0)	90
NE+3.30	F113	128	PL10 CM (P0)	90
NE+3.30	F114	130	PL10 CM (P0)	90
NE+3.30	F115	131	PL10 CM (P0)	90
NE+3.30	F116	132	PL10 CM (P0)	90
NE+3.30	F117	133	PL10 CM (P0)	90
NE+3.30	F118	134	PL10 CM (P0)	90
NE+3.30	F53	51	PL10 CM (P0)	90
NE+3.30	F55	56	PL10 CM (P0)	90
NE+3.30	F111	107	PL10 CM (P0)	90
NE+3.30	F112	108	PL10 CM (P0)	90
NE+3.30	F125	111	PL10 CM (P0)	90
NE+3.30	F36	36	PL10 CM (P0)	90
NE+3.30	F45	46	PL10 CM (P0)	90
NE+3.30	F56	58	PL10 CM (P0)	90
NE+3.30	F57	57	ESC 1D	90
NE+3.30	F12	10	PL10 CM (P0)	
NE+3.30	F65	44	ESC 1D	
NE+3.30	F27	27	PL10 CM (P0)	
NE+3.30	F43	45	PL10 CM (P0)	
NE+3.30	F3	104	ESC 2D	
NE+3.30	F6	12	ESC 1D	90
NE+3.30	F7	55	PL10 CM (P0)	90

4 Loads

This chapter provides loading information as applied to the model.

4.1 Load Patterns

Table 4.1 - Load Patterns

Name	Type	Self Weight Multiplier
Viva	Live	0
Psup	Superimposed Dead	0
Viva.cub	Roof Live	0

4.2 Applied Loads

4.2.1 Point Loads

Table 4.2 - Joint Loads - Force

Story	Label	Unique Name	Load Pattern	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
NE+3.30	369	33	Viva	3.02	-0.51	-6.3	0.27	1.7	0
NE+3.30	370	46	Viva	-3.46	-0.55	-6.85	0.3	-1.81	0
NE+3.30	371	56	Viva	2.98	0.53	-6.24	-0.3	1.68	0
NE+3.30	372	171	Viva	-3.5	0.54	-6.89	-0.29	-1.83	0
NE+3.30	390	195	Viva	0.6	0.76	-15.4	-0.42	0.39	0
NE+7.50	17	49	Psup	-0.32	0.0036	-25.31	0	0	0
NE+7.50	18	51	Psup	0.79	-0.0016	-27.6	0	0	0
NE+7.50	19	53	Psup	-0.62	-0.0036	-25.67	0	0	0
NE+7.50	31	79	Psup	0	0	-15.2	0	0	0
NE+7.50	32	78	Psup	0	0	-14.69	0	0	0
NE+7.50	33	80	Psup	0	0	-14.85	0	0	0
NE+7.50	37	186	Psup	-2.19	0.032	-27.9	0	0	0
NE+7.50	38	192	Psup	0	0	-14.56	0	0	0
NE+7.50	39	203	Psup	0.872	-0.0027	-27.56	0	0	0
NE+7.50	40	209	Psup	0	0	-16.7	0	0	0
NE+7.50	42	221	Psup	-0.014	0.0002	-28.84	0	0	0
NE+7.50	43	227	Psup	0	0	-17.31	0	0	0
NE+5.00	42	251	Psup	2.6	-1.76	-46.84	-8.74	-3.63	0
NE+3.30	369	33	Psup	8.35	-1.4	-17.39	0.76	4.7	0
NE+3.30	370	46	Psup	-9.6	-1.52	-17.39	0.83	-5.01	0
NE+3.30	371	56	Psup	8.23	1.47	-17.25	-0.82	4.64	0
NE+3.30	372	171	Psup	-9.68	1.49	-19.03	-0.81	-5.07	0
NE+3.30	390	195	Psup	1.65	2.09	-42.5	-1.15	1.08	0
NE+7.50	17	49	Viva.cub	0.32	0.013	-86.51	0	0	0
NE+7.50	18	51	Viva.cub	0.217	-0.0067	-86.51	0	0	0
NE+7.50	19	53	Viva.cub	-0.64	-0.011	-86.8	0	0	0
NE+7.50	31	79	Viva.cub	0	0	-33.4	0	0	0
NE+7.50	32	78	Viva.cub	0	0	-32.38	0	0	0
NE+7.50	33	80	Viva.cub	0	0	-33.04	0	0	0
NE+7.50	37	186	Viva.cub	-6.48	0.11	-89.27	0	0	0

Table 4.2 - Joint Loads - Force (continued)

Story	Label	Unique Name	Load Pattern	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
NE+7.50	38	192	Viva.cub	0	0	-34.37	0	0	0
NE+7.50	39	203	Viva.cub	1.63	-0.01	-86.15	0	0	0
NE+7.50	40	209	Viva.cub	0	0	-33.38	0	0	0
NE+7.50	42	221	Viva.cub	0.0476	0.0002	-87.1	0	0	0
NE+7.50	43	227	Viva.cub	0	0	-32.57	0	0	0

4.2.2 Area Loads

Table 4.3 - Shell Loads - Uniform

Story	Label	Unique Name	Load Pattern	Direction	Load kN/m²
NE+4.35	F66	68	Viva	Gravity	5
NE+4.35	F67	69	Viva	Gravity	5
NE+4.35	F68	71	Viva	Gravity	5
NE+4.35	F69	72	Viva	Gravity	5
NE+4.35	F70	73	Viva	Gravity	5
NE+4.35	F71	74	Viva	Gravity	5
NE+4.35	F72	75	Viva	Gravity	5
NE+4.35	F73	76	Viva	Gravity	5
NE+4.35	F74	77	Viva	Gravity	5
NE+4.35	F75	78	Viva	Gravity	5
NE+4.35	F76	79	Viva	Gravity	5
NE+4.35	F77	80	Viva	Gravity	5
NE+4.35	F78	81	Viva	Gravity	5
NE+3.30	F11	4	Viva	Gravity	5
NE+3.30	F15	9	Viva	Gravity	5
NE+3.30	F2	54	Viva	Gravity	5
NE+3.30	F13	19	Viva	Gravity	5
NE+3.30	F21	20	Viva	Gravity	5
NE+3.30	F24	24	Viva	Gravity	5
NE+3.30	F25	25	Viva	Gravity	5
NE+3.30	F26	26	Viva	Gravity	5
NE+3.30	F28	28	Viva	Gravity	5
NE+3.30	F30	30	Viva	Gravity	5
NE+3.30	F31	31	Viva	Gravity	5
NE+3.30	F32	32	Viva	Gravity	5
NE+3.30	F33	33	Viva	Gravity	5
NE+3.30	F34	34	Viva	Gravity	5
NE+3.30	F35	35	Viva	Gravity	5
NE+3.30	F37	37	Viva	Gravity	5
NE+3.30	F38	38	Viva	Gravity	5
NE+3.30	F39	39	Viva	Gravity	5
NE+3.30	F40	41	Viva	Gravity	2
NE+3.30	F41	42	Viva	Gravity	2
NE+3.30	F42	43	Viva	Gravity	2
NE+3.30	F44	59	Viva	Gravity	2

Table 4.3 - Shell Loads - Uniform (continued)

Story	Label	Unique Name	Load Pattern	Direction	Load kN/m²
NE+3.30	F47	48	Viva	Gravity	5
NE+3.30	F48	49	Viva	Gravity	5
NE+3.30	F49	50	Viva	Gravity	5
NE+3.30	F51	52	Viva	Gravity	5
NE+3.30	F52	53	Viva	Gravity	5
NE+3.30	F101	129	Viva	Gravity	5
NE+3.30	F104	118	Viva	Gravity	2
NE+3.30	F106	124	Viva	Gravity	5
NE+3.30	F109	6	Viva	Gravity	2
NE+3.30	F113	128	Viva	Gravity	5
NE+3.30	F114	130	Viva	Gravity	5
NE+3.30	F115	131	Viva	Gravity	5
NE+3.30	F116	132	Viva	Gravity	2
NE+3.30	F117	133	Viva	Gravity	2
NE+3.30	F118	134	Viva	Gravity	5
NE+3.30	F53	51	Viva	Gravity	5
NE+3.30	F55	56	Viva	Gravity	5
NE+3.30	F111	107	Viva	Gravity	2
NE+3.30	F112	108	Viva	Gravity	2
NE+3.30	F125	111	Viva	Gravity	2
NE+3.30	F36	36	Viva	Gravity	2
NE+3.30	F45	46	Viva	Gravity	2
NE+3.30	F56	58	Viva	Gravity	2
NE+3.30	F57	57	Viva	Gravity	5
NE+3.30	F12	10	Viva	Gravity	2
NE+3.30	F65	44	Viva	Gravity	5
NE+3.30	F27	27	Viva	Gravity	2
NE+3.30	F43	45	Viva	Gravity	2
NE+3.30	F3	104	Viva	Gravity	5
NE+3.30	F6	12	Viva	Gravity	5
NE+3.30	F7	55	Viva	Gravity	5
NE+4.35	F66	68	Psup	Gravity	4.2
NE+4.35	F67	69	Psup	Gravity	4.2
NE+4.35	F68	71	Psup	Gravity	4.2
NE+4.35	F69	72	Psup	Gravity	4.2
NE+4.35	F70	73	Psup	Gravity	4.2
NE+4.35	F71	74	Psup	Gravity	4.2
NE+4.35	F72	75	Psup	Gravity	4.2
NE+4.35	F73	76	Psup	Gravity	4.2
NE+4.35	F74	77	Psup	Gravity	4.2
NE+4.35	F75	78	Psup	Gravity	4.2
NE+4.35	F76	79	Psup	Gravity	4.2
NE+4.35	F77	80	Psup	Gravity	4.2
NE+4.35	F78	81	Psup	Gravity	4.2
NE+3.30	F11	4	Psup	Gravity	6.2

Table 4.3 - Shell Loads - Uniform (continued)

Story	Label	Unique Name	Load Pattern	Direction	Load kN/m²
NE+3.30	F15	9	Psup	Gravity	6.2
NE+3.30	F2	54	Psup	Gravity	6.2
NE+3.30	F13	19	Psup	Gravity	6.2
NE+3.30	F21	20	Psup	Gravity	6.2
NE+3.30	F24	24	Psup	Gravity	6.2
NE+3.30	F25	25	Psup	Gravity	6.2
NE+3.30	F26	26	Psup	Gravity	6.2
NE+3.30	F28	28	Psup	Gravity	6.2
NE+3.30	F30	30	Psup	Gravity	6.2
NE+3.30	F31	31	Psup	Gravity	6.2
NE+3.30	F32	32	Psup	Gravity	6.2
NE+3.30	F33	33	Psup	Gravity	6.2
NE+3.30	F34	34	Psup	Gravity	6.2
NE+3.30	F35	35	Psup	Gravity	6.2
NE+3.30	F37	37	Psup	Gravity	6.2
NE+3.30	F38	38	Psup	Gravity	6.2
NE+3.30	F39	39	Psup	Gravity	6.2
NE+3.30	F40	41	Psup	Gravity	6.2
NE+3.30	F41	42	Psup	Gravity	6.2
NE+3.30	F42	43	Psup	Gravity	6.2
NE+3.30	F44	59	Psup	Gravity	6.2
NE+3.30	F47	48	Psup	Gravity	6.2
NE+3.30	F48	49	Psup	Gravity	6.2
NE+3.30	F49	50	Psup	Gravity	6.2
NE+3.30	F51	52	Psup	Gravity	6.2
NE+3.30	F52	53	Psup	Gravity	6.2
NE+3.30	F101	129	Psup	Gravity	6.2
NE+3.30	F104	118	Psup	Gravity	6.2
NE+3.30	F106	124	Psup	Gravity	6.2
NE+3.30	F109	6	Psup	Gravity	6.2
NE+3.30	F113	128	Psup	Gravity	6.2
NE+3.30	F114	130	Psup	Gravity	6.2
NE+3.30	F115	131	Psup	Gravity	6.2
NE+3.30	F116	132	Psup	Gravity	6.2
NE+3.30	F117	133	Psup	Gravity	6.2
NE+3.30	F118	134	Psup	Gravity	6.2
NE+3.30	F53	51	Psup	Gravity	6.2
NE+3.30	F55	56	Psup	Gravity	6.2
NE+3.30	F111	107	Psup	Gravity	6.2
NE+3.30	F112	108	Psup	Gravity	6.2
NE+3.30	F125	111	Psup	Gravity	6.2
NE+3.30	F36	36	Psup	Gravity	6.2
NE+3.30	F45	46	Psup	Gravity	6.2
NE+3.30	F56	58	Psup	Gravity	6.2
NE+3.30	F57	57	Psup	Gravity	6.2

Table 4.3 - Shell Loads - Uniform (continued)

Story	Label	Unique Name	Load Pattern	Direction	Load kN/m²
NE+3.30	F12	10	Psup	Gravity	6.2
NE+3.30	F65	44	Psup	Gravity	6.2
NE+3.30	F27	27	Psup	Gravity	6.2
NE+3.30	F43	45	Psup	Gravity	6.2
NE+3.30	F3	104	Psup	Gravity	6.2
NE+3.30	F6	12	Psup	Gravity	6.2
NE+3.30	F7	55	Psup	Gravity	6.2

4.3 Functions

4.3.1 Response Spectrum Functions

Table 4.4 - Response Spectrum Function - User

Name	Period sec	Acceleration	Damping %
UMBR ZIPA	0	0.05	5
UMBR ZIPA	0.05	0.07	
UMBR ZIPA	0.1	0.09	
UMBR ZIPA	0.15	0.11	
UMBR ZIPA	0.2	0.13	
UMBR ZIPA	0.25	0.15	
UMBR ZIPA	0.3	0.15	
UMBR ZIPA	0.35	0.15	
UMBR ZIPA	0.4	0.15	
UMBR ZIPA	0.45	0.15	
UMBR ZIPA	0.5	0.15	
UMBR ZIPA	0.55	0.15	
UMBR ZIPA	0.6	0.15	
UMBR ZIPA	0.65	0.15	
UMBR ZIPA	0.7	0.15	
UMBR ZIPA	0.75	0.15	
UMBR ZIPA	0.8	0.15	
UMBR ZIPA	0.85	0.15	
UMBR ZIPA	0.9	0.15	
UMBR ZIPA	0.95	0.15	
UMBR ZIPA	1	0.15	
UMBR ZIPA	1.05	0.15	
UMBR ZIPA	1.1	0.15	
UMBR ZIPA	1.15	0.15	
UMBR ZIPA	1.2	0.15	
UMBR ZIPA	1.25	0.15	
UMBR ZIPA	1.3	0.1442	
UMBR ZIPA	1.35	0.1389	
UMBR ZIPA	1.4	0.1339	
UMBR ZIPA	1.45	0.1293	
UMBR ZIPA	1.5	0.125	

Table 4.4 - Response Spectrum Function - User (continued)

Name	Period sec	Acceleration	Damping %
UMBR ZIPA	1.55	0.121	
UMBR ZIPA	1.6	0.1172	
UMBR ZIPA	1.65	0.1136	
UMBR ZIPA	1.7	0.1103	
UMBR ZIPA	1.75	0.1071	
UMBR ZIPA	1.8	0.1042	
UMBR ZIPA	1.85	0.1014	
UMBR ZIPA	1.9	0.0987	
UMBR ZIPA	1.95	0.0962	
UMBR ZIPA	2	0.0938	
UMBR ZIPA	2.05	0.0915	
UMBR ZIPA	2.1	0.0893	
UMBR ZIPA	2.15	0.0872	
UMBR ZIPA	2.2	0.0852	
UMBR ZIPA	2.25	0.0833	
UMBR ZIPA	2.3	0.0815	
UMBR ZIPA	2.35	0.0798	
UMBR ZIPA	2.4	0.0781	
UMBR ZIPA	2.45	0.0765	
UMBR ZIPA	2.5	0.075	
UMBR ZIPA	2.55	0.0735	
UMBR ZIPA	2.6	0.0721	
UMBR ZIPA	2.65	0.0708	
UMBR ZIPA	2.7	0.0694	
UMBR ZIPA	2.75	0.0682	
UMBR ZIPA	2.8	0.067	
UMBR ZIPA	2.85	0.0658	
UMBR ZIPA	2.9	0.0647	
UMBR ZIPA	2.95	0.0636	
UMBR ZIPA	3	0.0625	
UMBR ZIPA	3.05	0.0615	
UMBR ZIPA	3.1	0.0605	
UMBR ZIPA	3.15	0.0595	
UMBR ZIPA	3.2	0.0586	
UMBR ZIPA	3.25	0.0577	
UMBR ZIPA	3.3	0.0568	
UMBR ZIPA	3.35	0.056	
UMBR ZIPA	3.4	0.0551	
UMBR ZIPA	3.45	0.0543	
UMBR ZIPA	3.5	0.0536	
UMBR ZIPA	3.55	0.0528	
UMBR ZIPA	3.6	0.0521	
UMBR ZIPA	3.65	0.0514	
UMBR ZIPA	3.7	0.0507	
UMBR ZIPA	3.75	0.05	

Table 4.4 - Response Spectrum Function - User (continued)

Name	Period sec	Acceleration	Damping %
UMBR ZIPA	3.8	0.0493	
UMBR ZIPA	3.85	0.0487	
UMBR ZIPA	3.9	0.0481	
UMBR ZIPA	3.95	0.0475	
UMBR ZIPA	4	0.0469	
UMBR ZIPA	4.05	0.0463	
UMBR ZIPA	4.1	0.0457	
UMBR ZIPA	4.15	0.0452	
UMBR ZIPA	4.2	0.0446	
UMBR ZIPA	4.25	0.0441	
UMBR ZIPA	4.3	0.0436	
UMBR ZIPA	4.35	0.0431	
UMBR ZIPA	4.4	0.0426	
UMBR ZIPA	4.45	0.0421	
UMBR ZIPA	4.5	0.0417	
UMBR ZIPA	4.55	0.0412	
UMBR ZIPA	4.6	0.0408	
UMBR ZIPA	4.65	0.0403	
UMBR ZIPA	4.7	0.0399	
UMBR ZIPA	4.75	0.0395	
UMBR ZIPA	4.8	0.0391	
UMBR ZIPA	4.85	0.0387	
UMBR ZIPA	4.9	0.0383	
UMBR ZIPA	4.95	0.0379	
UMBR ZIPA	5	0.0375	
UMBR ZIPA	5.05	0.0371	
UMBR ZIPA	5.1	0.0368	
UMBR ZIPA	5.15	0.0364	
UMBR ZIPA	5.2	0.0361	
UMBR ZIPA	5.25	0.0357	
UMBR ZIPA	5.3	0.0354	
UMBR ZIPA	5.35	0.035	
UMBR ZIPA	5.4	0.0347	
UMBR ZIPA	5.45	0.0344	
UMBR ZIPA	5.5	0.0341	
UMBR ZIPA	5.55	0.0338	
UMBR ZIPA	5.6	0.0335	
UMBR ZIPA	5.65	0.0332	
UMBR ZIPA	5.7	0.0329	
UMBR ZIPA	5.75	0.0326	
UMBR ZIPA	5.8	0.0323	
UMBR ZIPA	5.85	0.0321	
UMBR ZIPA	5.9	0.0318	
UMBR ZIPA	5.95	0.0315	
UMBR ZIPA	6	0.0312	

Table 4.4 - Response Spectrum Function - User (continued)

Name	Period sec	Acceleration	Damping %
UMBR ZIPA	6.05	0.0307	
UMBR ZIPA	6.1	0.0302	
UMBR ZIPA	6.15	0.0297	
UMBR ZIPA	6.2	0.0293	
UMBR ZIPA	6.25	0.0288	
UMBR ZIPA	6.3	0.0283	
UMBR ZIPA	6.35	0.0279	
UMBR ZIPA	6.4	0.0275	
UMBR ZIPA	6.45	0.027	
UMBR ZIPA	6.5	0.0266	
UMBR ZIPA	6.55	0.0262	
UMBR ZIPA	6.6	0.0258	
UMBR ZIPA	6.65	0.0254	
UMBR ZIPA	6.7	0.0251	
UMBR ZIPA	6.75	0.0247	
UMBR ZIPA	6.8	0.0243	
UMBR ZIPA	6.85	0.024	
UMBR ZIPA	6.9	0.0236	
UMBR ZIPA	6.95	0.0233	
UMBR ZIPA	7	0.023	
UMBR ZIPA	7.05	0.0226	
UMBR ZIPA	7.1	0.0223	
UMBR ZIPA	7.15	0.022	
UMBR ZIPA	7.2	0.0217	
UMBR ZIPA	7.25	0.0214	
UMBR ZIPA	7.3	0.0211	
UMBR ZIPA	7.35	0.0208	
UMBR ZIPA	7.4	0.0205	
UMBR ZIPA	7.45	0.0203	
UMBR ZIPA	7.5	0.02	
UMBR ZIPA	7.55	0.0197	
UMBR ZIPA	7.6	0.0195	
UMBR ZIPA	7.65	0.0192	
UMBR ZIPA	7.7	0.019	
UMBR ZIPA	7.75	0.0187	
UMBR ZIPA	7.8	0.0185	
UMBR ZIPA	7.85	0.0183	
UMBR ZIPA	7.9	0.018	
UMBR ZIPA	7.95	0.0178	
UMBR ZIPA	8	0.0176	
UMBR ZIPA	8.05	0.0174	
UMBR ZIPA	8.1	0.0171	
UMBR ZIPA	8.15	0.0169	
UMBR ZIPA	8.2	0.0167	
UMBR ZIPA	8.25	0.0165	

Table 4.4 - Response Spectrum Function - User (continued)

Name	Period sec	Acceleration	Damping %
UMBR ZIPA	8.3	0.0163	
UMBR ZIPA	8.35	0.0161	
UMBR ZIPA	8.4	0.0159	
UMBR ZIPA	8.45	0.0158	
UMBR ZIPA	8.5	0.0156	
UMBR ZIPA	8.55	0.0154	
UMBR ZIPA	8.6	0.0152	
UMBR ZIPA	8.65	0.015	
UMBR ZIPA	8.7	0.0149	
UMBR ZIPA	8.75	0.0147	
UMBR ZIPA	8.8	0.0145	
UMBR ZIPA	8.85	0.0144	
UMBR ZIPA	8.9	0.0142	
UMBR ZIPA	8.95	0.014	
UMBR ZIPA	9	0.0139	
UMBR ZIPA	9.05	0.0137	
UMBR ZIPA	9.1	0.0136	
UMBR ZIPA	9.15	0.0134	
UMBR ZIPA	9.2	0.0133	
UMBR ZIPA	9.25	0.0131	
UMBR ZIPA	9.3	0.013	
UMBR ZIPA	9.35	0.0129	
UMBR ZIPA	9.4	0.0127	
UMBR ZIPA	9.45	0.0126	
UMBR ZIPA	9.5	0.0125	
UMBR ZIPA	9.55	0.0123	
UMBR ZIPA	9.6	0.0122	
UMBR ZIPA	9.65	0.0121	
UMBR ZIPA	9.7	0.012	
UMBR ZIPA	9.75	0.0118	
UMBR ZIPA	9.8	0.0117	
UMBR ZIPA	9.85	0.0116	
UMBR ZIPA	9.9	0.0115	
UMBR ZIPA	9.95	0.0114	
UMBR ZIPA	10	0.0112	

4.4 Load Cases

Table 4.5 - Load Cases - Summary

Name	Type
Pprop	Linear Static
Viva	Linear Static
Psup	Linear Static
Viva.cub	Linear Static
DISX-COMB	Response Spectrum
DISY-COMB	Response Spectrum

4.5 Load Combinations

Table 4.6 - Load Combinations

Name	Load Case/Combo	Scale Factor	Type	Auto
B241	Dtot	1.4	Linear Add	No
B242	Dtot	1.2	Linear Add	No
B242	Viva	1.6		No
B242	Viva.cub	0.5		No

5 Analysis Results

This chapter provides analysis results.

5.1 Point Results

Table 5.1 - Joint Reactions

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
NE+0.00	1	13	Pprop	3.2445	2.8343	46.9153	-1.8835	3.8255	0.0079
NE+0.00	1	13	Viva	4.8564	1.1482	28.5149	0.6725	5.2546	0.0498
NE+0.00	1	13	Psup	7.47	0.8668	39.8768	2.4255	8.6876	-0.0074
NE+0.00	1	13	Viva.cub	0.1992	0.2067	0.0139	-0.5253	0.3808	0.0036
NE+0.00	1	13	DISX-COMB Max	129.5761	60.931	95.4124	146.0339	276.0615	3.3816
NE+0.00	1	13	DISY-COMB Max	25.6441	127.2489	72.4182	301.1654	53.1897	3.9043
NE+0.00	1	13	B241	13.8892	4.7978	112.5083	0.7025	16.2207	0.0006
NE+0.00	1	13	B242	19.7749	6.0529	142.0665	1.4155	22.5012	0.082
NE+0.00	2	14	Pprop	0.0671	3.1569	63.6761	-2.2575	0.4239	0.0079
NE+0.00	2	14	Viva	-0.0775	0.3523	62.6056	1.2528	-0.0274	0.0498
NE+0.00	2	14	Psup	-0.2979	1.6852	71.7455	1.6124	0.3718	-0.0074
NE+0.00	2	14	Viva.cub	0.0489	-0.3027	3.5347	-0.0142	0.22	0.0036
NE+0.00	2	14	DISX-COMB Max	163.5023	59.0683	86.0951	128.3845	312.3811	3.3816
NE+0.00	2	14	DISY-COMB Max	31.8384	153.8898	170.41	337.044	59.855	3.9043
NE+0.00	2	14	B241	-0.2991	6.2768	175.5466	-0.8363	1.0314	0.0006
NE+0.00	2	14	B242	-0.3559	5.7925	252.4047	1.2806	0.9502	0.082
NE+0.00	3	15	Pprop	1.6893	5.2671	84.2925	-4.5013	2.1605	0.0079
NE+0.00	3	15	Viva	2.4706	-0.6749	114.8225	1.9895	2.7004	0.0498
NE+0.00	3	15	Psup	3.7625	1.551	129.4699	1.8011	4.7186	-0.0074
NE+0.00	3	15	Viva.cub	0.2329	-0.164	-1.2654	-0.1823	0.4169	0.0036
NE+0.00	3	15	DISX-COMB Max	156.6415	33.5005	40.9724	81.8105	305.0361	3.3816
NE+0.00	3	15	DISY-COMB Max	29.0925	134.7131	128.5585	330.6616	56.9078	3.9043
NE+0.00	3	15	B241	7.0671	8.8382	277.0995	-3.5002	8.9174	0.0006
NE+0.00	3	15	B242	10.1269	6.4138	420.5972	0.0919	12.1725	0.082
NE+0.00	4	16	Pprop	-0.5577	6.0197	89.2957	-5.4654	-0.245	0.0079
NE+0.00	4	16	Viva	-1.3384	0.997	131.1687	-0.8994	-1.3772	0.0498
NE+0.00	4	16	Psup	-1.4807	2.5882	147.0581	0.8963	-0.8945	-0.0074
NE+0.00	4	16	Viva.cub	0.2127	-0.1106	0.997	-0.3217	0.3953	0.0036
NE+0.00	4	16	DISX-COMB Max	155.1705	32.4042	28.6551	79.6632	303.4618	3.3816
NE+0.00	4	16	DISY-COMB Max	31.2819	176.7466	198.1271	437.1097	59.2606	3.9043
NE+0.00	4	16	B241	-2.6424	11.1583	306.3846	-5.923	-1.4772	0.0006
NE+0.00	4	16	B242	-4.2999	11.1041	472.9837	-6.6767	-3.272	0.082
NE+0.00	7	20	Pprop	0.8015	5.8349	81.3337	-5.3357	1.2101	0.0079
NE+0.00	7	20	Viva	0.419	2.0858	111.1457	-2.4223	0.5041	0.0498
NE+0.00	7	20	Psup	1.3245	2.455	115.094	1.0932	2.1086	-0.0074
NE+0.00	7	20	Viva.cub	0.1979	-0.1048	1.2703	-0.3564	0.3794	0.0036
NE+0.00	7	20	DISX-COMB Max	157.0195	49.4595	43.4768	121.2199	305.4415	3.3816
NE+0.00	7	20	DISY-COMB Max	29.5561	196.4825	218.897	482.4526	57.4254	3.9043
NE+0.00	7	20	B241	2.7559	10.7462	254.6284	-5.4995	4.302	0.0006
NE+0.00	7	20	B242	3.1315	12.4959	396.7212	-8.7676	4.6836	0.082
NE+0.00	8	22	Pprop	-3.2076	2.5471	54.7998	-1.9927	-3.0819	0.0079

Table 5.1 - Joint Reactions (continued)

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
NE+0.00	8	22	Viva	-5.9777	0.8825	49.5397	-1.6248	-6.3439	0.0498
NE+0.00	8	22	Psup	-6.3722	-0.8658	54.6668	4.6096	-6.1311	-0.0074
NE+0.00	8	22	Viva.cub	0.1068	-0.0653	0.6251	-0.4303	0.2819	0.0036
NE+0.00	8	22	DISX-COMB Max	133.0878	67.1687	166.2015	168.8779	279.8156	3.3816
NE+0.00	8	22	DISY-COMB Max	20.2075	212.385	211.3117	528.9449	47.2482	3.9043
NE+0.00	8	22	B241	-12.4183	2.1796	141.9011	3.3922	-11.9427	0.0006
NE+0.00	8	22	B242	-20.1552	3.2476	201.2056	0.0927	-20.2458	0.082
NE+0.00	17	239	Pprop	-7.0182	-5.1487	164.3396	6.1335	-7.1447	0.0079
NE+0.00	17	239	Viva	-7.419	-0.1677	126.3396	0.3102	-7.7824	0.0498
NE+0.00	17	239	Psup	-17.1078	-14.1613	268.9875	18.2914	-17.6396	-0.0074
NE+0.00	17	239	Viva.cub	0.2391	-0.4991	85.2425	0.0817	0.4312	0.0036
NE+0.00	17	239	DISX-COMB Max	197.6937	57.8926	37.9337	106.1276	353.5378	3.3816
NE+0.00	17	239	DISY-COMB Max	24.8469	312.727	143.1048	578.3315	44.8782	3.9043
NE+0.00	17	239	B241	-31.2744	-25.0316	561.7203	31.6619	-32.1278	0.0006
NE+0.00	17	239	B242	-38.5575	-21.9735	726.2391	27.676	-39.7744	0.082
NE+0.00	18	248	Pprop	1.8404	-8.2065	147.823	9.247	2.3388	0.0079
NE+0.00	18	248	Viva	0.894	-4.9425	106.1049	4.877	1.117	0.0498
NE+0.00	18	248	Psup	3.012	-31.4128	267.0921	36.2664	3.8996	-0.0074
NE+0.00	18	248	Viva.cub	0.2368	-0.4671	85.3669	0.0199	0.4287	0.0036
NE+0.00	18	248	DISX-COMB Max	200.7879	84.8017	38.7661	157.921	356.8505	3.3816
NE+0.00	18	248	DISY-COMB Max	26.7069	342.3494	165.5705	633.9419	46.8756	3.9043
NE+0.00	18	248	B241	6.2902	-51.3583	537.8529	58.9989	8.0868	0.0006
NE+0.00	18	248	B242	6.9403	-52.163	673.4681	58.3836	8.9331	0.082
NE+0.00	19	259	Pprop	-3.7235	-5.8518	116.0674	6.7299	-3.6176	0.0079
NE+0.00	19	259	Viva	-3.1087	-1.3664	56.1728	0.7108	-3.168	0.0498
NE+0.00	19	259	Psup	-5.5794	-14.5226	128.5375	18.7928	-5.2979	-0.0074
NE+0.00	19	259	Viva.cub	0.2276	-0.436	85.5673	-0.0454	0.4188	0.0036
NE+0.00	19	259	DISX-COMB Max	182.3802	117.252	41.5044	220.8694	337.1437	3.3816
NE+0.00	19	259	DISY-COMB Max	24.6015	372.857	164.9799	695.6023	44.6195	3.9043
NE+0.00	19	259	B241	-12.0593	-26.4112	317.0803	33.0849	-11.5572	0.0006
NE+0.00	19	259	B242	-15.1966	-25.0424	404.4432	29.4731	-14.7655	0.082
NE+0.00	31	236	Pprop	-14.3268	-4.6225	164.4212	5.5869	-14.9345	0.0079
NE+0.00	31	236	Viva	-14.472	-14.1806	134.1365	14.8633	-15.1159	0.0498
NE+0.00	31	236	Psup	-31.2948	-4.4845	266.2964	8.2416	-32.8599	-0.0074
NE+0.00	31	236	Viva.cub	0.2124	0.5141	33.6818	-0.9705	0.4184	0.0036
NE+0.00	31	236	DISX-COMB Max	137.4368	17.4567	32.6385	63.1769	295.3072	3.3816
NE+0.00	31	236	DISY-COMB Max	9.2651	60.2424	51.2341	316.0353	17.7099	3.9043
NE+0.00	31	236	B241	-59.1391	-11.8054	558.3376	17.9258	-61.9558	0.0006
NE+0.00	31	236	B242	-73.7396	-32.5508	710.0345	38.661	-77.0811	0.082
NE+0.00	32	252	Pprop	6.3113	3.6481	145.4453	-3.0645	7.1595	0.0079
NE+0.00	32	252	Viva	3.4589	6.2147	90.2223	-6.7103	4.08	0.0498
NE+0.00	32	252	Psup	13.5869	37.9308	258.1901	-35.75	15.188	-0.0074
NE+0.00	32	252	Viva.cub	0.2465	0.5224	32.6164	-1.0077	0.455	0.0036
NE+0.00	32	252	DISX-COMB Max	161.2115	21.1294	23.1129	88.7602	322.0837	3.3816
NE+0.00	32	252	DISY-COMB Max	12.7505	65.4335	49.7542	345.7139	21.0407	3.9043

Table 5.1 - Joint Reactions (continued)

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
NE+0.00	32	252	B241	25.7939	53.8985	523.2312	-50.3151	28.9689	0.0006
NE+0.00	32	252	B242	27.7666	56.4035	609.1477	-54.3677	31.5859	0.082
NE+0.00	33	256	Pprop	-11.358	3.5336	116.0261	-3.0173	-11.7563	0.0079
NE+0.00	33	256	Viva	-9.0481	3.7969	44.7949	-4.6516	-9.3094	0.0498
NE+0.00	33	256	Psup	-25.8519	16.0483	126.6072	-12.9564	-27.0331	-0.0074
NE+0.00	33	256	Viva.cub	0.1641	0.5599	33.2399	-1.0796	0.3667	0.0036
NE+0.00	33	256	DISX-COMB Max	95.1848	39.004	68.4516	134.2714	232.0625	3.3816
NE+0.00	33	256	DISY-COMB Max	17.4134	79.5217	63.7143	389.436	21.7841	3.9043
NE+0.00	33	256	B241	-48.2351	25.384	314.5247	-20.7067	-50.2825	0.0006
NE+0.00	33	256	B242	-55.7393	28.1128	357.8844	-25.7309	-57.811	0.082
NE+0.00	6	174	Pprop	2.202	-9.5391	61.3074	10.9668	2.7259	0.0079
NE+0.00	6	174	Viva	3.1896	-10.4321	42.8882	12.6991	3.5746	0.0498
NE+0.00	6	174	Psup	5.0865	-14.7159	58.6097	18.6089	6.1204	-0.0074
NE+0.00	6	174	Viva.cub	0.5699	0.2385	0.8194	-0.5582	0.7853	0.0036
NE+0.00	6	174	DISX-COMB Max	147.3405	80.1176	78.0511	165.9985	299.6316	3.3816
NE+0.00	6	174	DISY-COMB Max	18.3389	163.3938	34.9455	338.7051	37.8724	3.9043
NE+0.00	6	174	B241	9.448	-31.4416	155.448	38.3389	11.4673	0.0006
NE+0.00	6	174	B242	13.4866	-43.5221	202.2721	52.9014	15.9411	0.082
NE+0.00	30	180	Pprop	2.2424	3.5499	62.7093	-2.6267	2.8036	0.0079
NE+0.00	30	180	Viva	3.6178	5.1978	43.6773	-3.5332	4.2501	0.0498
NE+0.00	30	180	Psup	5.0477	6.3902	58.5039	-3.3107	6.0464	-0.0074
NE+0.00	30	180	Viva.cub	0.3637	0.2321	0.4319	-0.5517	0.5804	0.0036
NE+0.00	30	180	DISX-COMB Max	172.4092	59.3673	116.9887	144.3538	336.4993	3.3816
NE+0.00	30	180	DISY-COMB Max	9.9932	112.2021	28.7346	285.5393	19.4103	3.9043
NE+0.00	30	180	B241	9.4502	12.8853	157.1282	-7.6967	11.4722	0.0006
NE+0.00	30	180	B242	14.0706	19.4771	204.781	-12.5261	16.9237	0.082
NE+0.00	37	191	Pprop	1.3207	-8.2787	125.783	9.6189	1.7825	0.0079
NE+0.00	37	191	Viva	1.532	-13.6808	119.8063	15.8269	1.8001	0.0498
NE+0.00	37	191	Psup	2.3449	-21.0176	174.8384	25.1903	3.1853	-0.0074
NE+0.00	37	191	Viva.cub	0.3767	-0.3929	87.8357	0.0795	0.5785	0.0036
NE+0.00	37	191	DISX-COMB Max	206.5713	82.3536	78.4807	152.4737	363.0412	3.3816
NE+0.00	37	191	DISY-COMB Max	26.5818	224.2357	139.2707	410.1003	46.744	3.9043
NE+0.00	37	191	B241	4.7517	-37.9767	389.6944	45.123	6.4398	0.0006
NE+0.00	37	191	B242	6.7125	-54.6373	569.6317	64.0396	8.6892	0.082
NE+0.00	38	197	Pprop	0.4842	4.0409	117.2739	-3.1756	0.9213	0.0079
NE+0.00	38	197	Viva	0.6352	14.5228	106.2615	-13.4639	1.057	0.0498
NE+0.00	38	197	Psup	1.1802	18.5966	158.0888	-15.9509	1.9061	-0.0074
NE+0.00	38	197	Viva.cub	0.3681	0.393	34.1731	-0.7366	0.5851	0.0036
NE+0.00	38	197	DISX-COMB Max	178.8632	20.9145	42.1008	81.2292	342.0046	3.3816
NE+0.00	38	197	DISY-COMB Max	11.0543	31.8005	30.6485	207.0537	20.2464	3.9043
NE+0.00	38	197	B241	2.1575	29.345	356.9516	-24.7936	3.665	0.0006
NE+0.00	38	197	B242	3.0497	48.5858	493.0635	-43.1622	5.1253	0.082
NE+0.00	39	208	Pprop	6.1838	-8.5881	160.1814	9.733	7.0523	0.0089
NE+0.00	39	208	Viva	10.6148	-16.4882	199.964	18.3335	11.4965	0.0561
NE+0.00	39	208	Psup	16.3082	-24.7388	287.4216	28.4207	18.2161	-0.0084

Table 5.1 - Joint Reactions (continued)

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
NE+0.00	39	208	Viva.cub	0.0082	-0.4421	84.3692	0.2525	0.2345	0.0041
NE+0.00	39	208	DISX-COMB Max	246.7338	39.9614	43.7383	71.5482	445.3198	3.8085
NE+0.00	39	208	DISY-COMB Max	32.5871	160.8332	88.3032	288.9049	58.2227	4.3972
NE+0.00	39	208	B241	29.1563	-43.2014	580.226	49.4585	32.7553	0.0006
NE+0.00	39	208	B242	41.9789	-63.6319	859.4637	71.8528	46.5876	0.0923
NE+0.00	40	214	Pprop	8.9996	5.5698	161.8822	-4.8157	10.0374	0.0079
NE+0.00	40	214	Viva	17.6227	21.2487	194.3024	-20.7791	19.2429	0.0498
NE+0.00	40	214	Psup	23.0032	28.586	276.9632	-26.276	25.2686	-0.0074
NE+0.00	40	214	Viva.cub	0.2231	0.4686	33.698	-0.8392	0.4299	0.0036
NE+0.00	40	214	DISX-COMB Max	142.4052	17.7656	54.4871	52.4659	301.3722	3.3816
NE+0.00	40	214	DISY-COMB Max	8.9065	30.127	41.9262	215.9241	17.745	3.9043
NE+0.00	40	214	B241	41.4851	44.2761	568.8736	-40.3041	45.7671	0.0006
NE+0.00	40	214	B242	63.8665	72.1832	815.3388	-68.2126	70.2325	0.082
NE+0.00	41	220	Pprop	0.4397	5.9589	101.673	-5.311	0.8227	0.0079
NE+0.00	41	220	Viva	-0.0684	-0.9162	149.9119	1.6639	-0.0176	0.0498
NE+0.00	41	220	Psup	0.8546	1.2413	169.2312	2.2089	1.6055	-0.0074
NE+0.00	41	220	Viva.cub	0.2057	-0.1684	0.6802	-0.2197	0.3878	0.0036
NE+0.00	41	220	DISX-COMB Max	158.5371	17.6659	23.9209	43.4824	307.0657	3.3816
NE+0.00	41	220	DISY-COMB Max	30.0977	154.6285	186.3664	380.3505	58.0061	3.9043
NE+0.00	41	220	B241	1.6777	9.3335	351.1721	-4.0213	3.1477	0.0006
NE+0.00	41	220	B242	1.4315	6.4501	541.2038	-0.8945	2.8637	0.082
NE+0.00	42	226	Pprop	1.5562	-11.1997	189.1519	12.5089	2.0345	0.0079
NE+0.00	42	226	Viva	-2.2093	-19.2437	242.232	20.6978	-2.2052	0.0498
NE+0.00	42	226	Psup	2.3805	-40.1986	440.6862	45.2461	3.2235	-0.0074
NE+0.00	42	226	Viva.cub	0.2487	-0.5686	85.7529	0.1959	0.4415	0.0036
NE+0.00	42	226	DISX-COMB Max	197.6698	30.8677	16.598	57.1927	353.512	3.3816
NE+0.00	42	226	DISY-COMB Max	25.7758	270.0417	144.1229	500.2124	45.8806	3.9043
NE+0.00	42	226	B241	5.1031	-66.6274	816.4569	74.8677	6.8159	0.0006
NE+0.00	42	226	B242	0.9636	-88.1835	1130.2679	97.3868	2.5347	0.082
NE+0.00	43	232	Pprop	2.8092	9.4737	194.4206	-8.9614	3.4103	0.0079
NE+0.00	43	232	Viva	-5.232	24.8764	233.2668	-25.1229	-5.2241	0.0498
NE+0.00	43	232	Psup	2.5496	47.7487	368.4333	-46.0911	3.372	-0.0074
NE+0.00	43	232	Viva.cub	0.2165	0.4908	32.8288	-0.9043	0.4228	0.0036
NE+0.00	43	232	DISX-COMB Max	117.4923	7.5692	6.3157	28.7686	269.7829	3.3816
NE+0.00	43	232	DISY-COMB Max	10.2677	39.3893	49.8185	259.7625	17.7795	3.9043
NE+0.00	43	232	B241	6.9466	74.1772	729.6254	-71.3643	8.792	0.0006
NE+0.00	43	232	B242	-2.3088	103.6281	1015.0346	-101.8182	-0.6112	0.082

5.2 Line Results

Table 5.2 - Column Forces

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C24	259	Pprop	0	-18.954	0	0	0	0	0
NE+7.50	C24	259	Pprop	0.2273	-17.2309	0	0	0	0	0
NE+7.50	C24	259	Pprop	0.4545	-15.5078	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C24	259	Pprop	0.6818	-13.7847	0	0	0	0	0
NE+7.50	C24	259	Pprop	0.9091	-12.0616	0	0	0	0	0
NE+7.50	C24	259	Pprop	1.1364	-10.3385	0	0	0	0	0
NE+7.50	C24	259	Pprop	1.3636	-8.6155	0	0	0	0	0
NE+7.50	C24	259	Pprop	1.5909	-6.8924	0	0	0	0	0
NE+7.50	C24	259	Pprop	1.8182	-5.1693	0	0	0	0	0
NE+7.50	C24	259	Pprop	2.0455	-3.4462	0	0	0	0	0
NE+7.50	C24	259	Pprop	2.2727	-1.7231	0	0	0	0	0
NE+7.50	C24	259	Pprop	2.5	0	0	0	0	0	0
NE+7.50	C24	259	Viva	0	0	0	0	0	0	0
NE+7.50	C24	259	Viva	0.2273	0	0	0	0	0	0
NE+7.50	C24	259	Viva	0.4545	0	0	0	0	0	0
NE+7.50	C24	259	Viva	0.6818	0	0	0	0	0	0
NE+7.50	C24	259	Viva	0.9091	0	0	0	0	0	0
NE+7.50	C24	259	Viva	1.1364	0	0	0	0	0	0
NE+7.50	C24	259	Viva	1.3636	0	0	0	0	0	0
NE+7.50	C24	259	Viva	1.5909	0	0	0	0	0	0
NE+7.50	C24	259	Viva	1.8182	0	0	0	0	0	0
NE+7.50	C24	259	Viva	2.0455	0	0	0	0	0	0
NE+7.50	C24	259	Viva	2.2727	0	0	0	0	0	0
NE+7.50	C24	259	Viva	2.5	0	0	0	0	0	0
NE+7.50	C24	259	Psup	0	-31.1472	-0.0151	0.0002	0	0.0005	-0.0378
NE+7.50	C24	259	Psup	0.2273	-31.1472	-0.0151	0.0002	0	0.0005	-0.0344
NE+7.50	C24	259	Psup	0.4545	-31.1472	-0.0151	0.0002	0	0.0004	-0.0309
NE+7.50	C24	259	Psup	0.6818	-31.1472	-0.0151	0.0002	0	0.0004	-0.0275
NE+7.50	C24	259	Psup	0.9091	-31.1472	-0.0151	0.0002	0	0.0003	-0.0241
NE+7.50	C24	259	Psup	1.1364	-31.1472	-0.0151	0.0002	0	0.0003	-0.0206
NE+7.50	C24	259	Psup	1.3636	-31.1472	-0.0151	0.0002	0	0.0002	-0.0172
NE+7.50	C24	259	Psup	1.5909	-31.1472	-0.0151	0.0002	0	0.0002	-0.0137
NE+7.50	C24	259	Psup	1.8182	-31.1472	-0.0151	0.0002	0	0.0001	-0.0103
NE+7.50	C24	259	Psup	2.0455	-31.1472	-0.0151	0.0002	0	0.0001	-0.0069
NE+7.50	C24	259	Psup	2.2727	-31.1472	-0.0151	0.0002	0	4.909E-05	-0.0034
NE+7.50	C24	259	Psup	2.5	-31.1472	-0.0151	0.0002	0	0	0
NE+7.50	C24	259	Viva.cub	0	-87.1	0.0476	0.0002	0	0.0005	0.119
NE+7.50	C24	259	Viva.cub	0.2273	-87.1	0.0476	0.0002	0	0.0005	0.1082
NE+7.50	C24	259	Viva.cub	0.4545	-87.1	0.0476	0.0002	0	0.0004	0.0974
NE+7.50	C24	259	Viva.cub	0.6818	-87.1	0.0476	0.0002	0	0.0004	0.0865
NE+7.50	C24	259	Viva.cub	0.9091	-87.1	0.0476	0.0002	0	0.0003	0.0757
NE+7.50	C24	259	Viva.cub	1.1364	-87.1	0.0476	0.0002	0	0.0003	0.0649
NE+7.50	C24	259	Viva.cub	1.3636	-87.1	0.0476	0.0002	0	0.0002	0.0541
NE+7.50	C24	259	Viva.cub	1.5909	-87.1	0.0476	0.0002	0	0.0002	0.0433
NE+7.50	C24	259	Viva.cub	1.8182	-87.1	0.0476	0.0002	0	0.0001	0.0325
NE+7.50	C24	259	Viva.cub	2.0455	-87.1	0.0476	0.0002	0	0.0001	0.0216
NE+7.50	C24	259	Viva.cub	2.2727	-87.1	0.0476	0.0002	0	4.545E-05	0.0108
NE+7.50	C24	259	Viva.cub	2.5	-87.1	0.0476	0.0002	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C24	259	DISX-COMB Max	0	0	44.7505	3.6872	0	9.218	111.8762
NE+7.50	C24	259	DISX-COMB Max	0.2273	0	44.7505	3.6872	0	8.38	101.7057
NE+7.50	C24	259	DISX-COMB Max	0.4545	0	44.7505	3.6872	0	7.542	91.5351
NE+7.50	C24	259	DISX-COMB Max	0.6818	0	44.7505	3.6872	0	6.704	81.3645
NE+7.50	C24	259	DISX-COMB Max	0.9091	0	44.7505	3.6872	0	5.866	71.194
NE+7.50	C24	259	DISX-COMB Max	1.1364	0	44.7505	3.6872	0	5.028	61.0234
NE+7.50	C24	259	DISX-COMB Max	1.3636	0	44.7505	3.6872	0	4.19	50.8528
NE+7.50	C24	259	DISX-COMB Max	1.5909	0	44.7505	3.6872	0	3.352	40.6823
NE+7.50	C24	259	DISX-COMB Max	1.8182	0	44.7505	3.6872	0	2.514	30.5117
NE+7.50	C24	259	DISX-COMB Max	2.0455	0	44.7505	3.6872	0	1.676	20.3411
NE+7.50	C24	259	DISX-COMB Max	2.2727	0	44.7505	3.6872	0	0.838	10.1706
NE+7.50	C24	259	DISX-COMB Max	2.5	0	44.7505	3.6872	0	0	0
NE+7.50	C24	259	DISY-COMB Max	0	0	8.0107	28.6782	0	71.6954	20.0269
NE+7.50	C24	259	DISY-COMB Max	0.2273	0	8.0107	28.6782	0	65.1777	18.2062
NE+7.50	C24	259	DISY-COMB Max	0.4545	0	8.0107	28.6782	0	58.6599	16.3856
NE+7.50	C24	259	DISY-COMB Max	0.6818	0	8.0107	28.6782	0	52.1421	14.565
NE+7.50	C24	259	DISY-COMB Max	0.9091	0	8.0107	28.6782	0	45.6244	12.7444
NE+7.50	C24	259	DISY-COMB Max	1.1364	0	8.0107	28.6782	0	39.1066	10.9237
NE+7.50	C24	259	DISY-COMB Max	1.3636	0	8.0107	28.6782	0	32.5888	9.1031
NE+7.50	C24	259	DISY-COMB Max	1.5909	0	8.0107	28.6782	0	26.0711	7.2825
NE+7.50	C24	259	DISY-COMB Max	1.8182	0	8.0107	28.6782	0	19.5533	5.4619
NE+7.50	C24	259	DISY-COMB Max	2.0455	0	8.0107	28.6782	0	13.0355	3.6412
NE+7.50	C24	259	DISY-COMB Max	2.2727	0	8.0107	28.6782	0	6.5178	1.8206
NE+7.50	C24	259	DISY-COMB Max	2.5	0	8.0107	28.6782	0	0	0
NE+7.50	C24	259	B241	0	-64.946	-0.0196	0.0003	0	0.0007	-0.049
NE+7.50	C24	259	B241	0.2273	-62.7124	-0.0196	0.0003	0	0.0006	-0.0445
NE+7.50	C24	259	B241	0.4545	-60.4787	-0.0196	0.0003	0	0.0006	-0.0401
NE+7.50	C24	259	B241	0.6818	-58.2451	-0.0196	0.0003	0	0.0005	-0.0356
NE+7.50	C24	259	B241	0.9091	-56.0115	-0.0196	0.0003	0	0.0004	-0.0312
NE+7.50	C24	259	B241	1.1364	-53.7778	-0.0196	0.0003	0	0.0004	-0.0267
NE+7.50	C24	259	B241	1.3636	-51.5442	-0.0196	0.0003	0	0.0003	-0.0223
NE+7.50	C24	259	B241	1.5909	-49.3105	-0.0196	0.0003	0	0.0003	-0.0178
NE+7.50	C24	259	B241	1.8182	-47.0769	-0.0196	0.0003	0	0.0002	-0.0134
NE+7.50	C24	259	B241	2.0455	-44.8433	-0.0196	0.0003	0	0.0001	-0.0089
NE+7.50	C24	259	B241	2.2727	-42.6096	-0.0196	0.0003	0	0.0001	-0.0045
NE+7.50	C24	259	B241	2.5	-40.376	-0.0196	0.0003	0	0	0
NE+7.50	C24	259	B242	0	-99.218	0.007	0.0003	0	0.0008	0.0175
NE+7.50	C24	259	B242	0.2273	-97.3035	0.007	0.0003	0	0.0008	0.0159
NE+7.50	C24	259	B242	0.4545	-95.3889	0.007	0.0003	0	0.0007	0.0143
NE+7.50	C24	259	B242	0.6818	-93.4744	0.007	0.0003	0	0.0006	0.0127
NE+7.50	C24	259	B242	0.9091	-91.5598	0.007	0.0003	0	0.0005	0.0111
NE+7.50	C24	259	B242	1.1364	-89.6453	0.007	0.0003	0	0.0005	0.0095
NE+7.50	C24	259	B242	1.3636	-87.7307	0.007	0.0003	0	0.0004	0.008
NE+7.50	C24	259	B242	1.5909	-85.8162	0.007	0.0003	0	0.0003	0.0064
NE+7.50	C24	259	B242	1.8182	-83.9016	0.007	0.0003	0	0.0002	0.0048

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C24	259	B242	2.0455	-81.9871	0.007	0.0003	0	0.0002	0.0032
NE+7.50	C24	259	B242	2.2727	-80.0725	0.007	0.0003	0	0.0001	0.0016
NE+7.50	C24	259	B242	2.5	-78.158	0.007	0.0003	0	0	0
NE+7.50	C94	239	Pprop	0	-31.8427	0	0	0	0	0
NE+7.50	C94	239	Pprop	0.3818	-28.9479	0	0	0	0	0
NE+7.50	C94	239	Pprop	0.7636	-26.0531	0	0	0	0	0
NE+7.50	C94	239	Pprop	1.1455	-23.1583	0	0	0	0	0
NE+7.50	C94	239	Pprop	1.5273	-20.2635	0	0	0	0	0
NE+7.50	C94	239	Pprop	1.9091	-17.3688	0	0	0	0	0
NE+7.50	C94	239	Pprop	2.2909	-14.474	0	0	0	0	0
NE+7.50	C94	239	Pprop	2.6727	-11.5792	0	0	0	0	0
NE+7.50	C94	239	Pprop	3.0545	-8.6844	0	0	0	0	0
NE+7.50	C94	239	Pprop	3.4364	-5.7896	0	0	0	0	0
NE+7.50	C94	239	Pprop	3.8182	-2.8948	0	0	0	0	0
NE+7.50	C94	239	Pprop	4.2	0	0	0	0	0	0
NE+7.50	C94	239	Viva	0	0	0	0	0	0	0
NE+7.50	C94	239	Viva	0.3818	0	0	0	0	0	0
NE+7.50	C94	239	Viva	0.7636	0	0	0	0	0	0
NE+7.50	C94	239	Viva	1.1455	0	0	0	0	0	0
NE+7.50	C94	239	Viva	1.5273	0	0	0	0	0	0
NE+7.50	C94	239	Viva	1.9091	0	0	0	0	0	0
NE+7.50	C94	239	Viva	2.2909	0	0	0	0	0	0
NE+7.50	C94	239	Viva	2.6727	0	0	0	0	0	0
NE+7.50	C94	239	Viva	3.0545	0	0	0	0	0	0
NE+7.50	C94	239	Viva	3.4364	0	0	0	0	0	0
NE+7.50	C94	239	Viva	3.8182	0	0	0	0	0	0
NE+7.50	C94	239	Viva	4.2	0	0	0	0	0	0
NE+7.50	C94	239	Psup	0	-16.416	0	0	0	0	0
NE+7.50	C94	239	Psup	0.3818	-16.416	0	0	0	0	0
NE+7.50	C94	239	Psup	0.7636	-16.416	0	0	0	0	0
NE+7.50	C94	239	Psup	1.1455	-16.416	0	0	0	0	0
NE+7.50	C94	239	Psup	1.5273	-16.416	0	0	0	0	0
NE+7.50	C94	239	Psup	1.9091	-16.416	0	0	0	0	0
NE+7.50	C94	239	Psup	2.2909	-16.416	0	0	0	0	0
NE+7.50	C94	239	Psup	2.6727	-16.416	0	0	0	0	0
NE+7.50	C94	239	Psup	3.0545	-16.416	0	0	0	0	0
NE+7.50	C94	239	Psup	3.4364	-16.416	0	0	0	0	0
NE+7.50	C94	239	Psup	3.8182	-16.416	0	0	0	0	0
NE+7.50	C94	239	Psup	4.2	-16.416	0	0	0	0	0
NE+7.50	C94	239	Viva.cub	0	-33.4	0	0	0	0	0
NE+7.50	C94	239	Viva.cub	0.3818	-33.4	0	0	0	0	0
NE+7.50	C94	239	Viva.cub	0.7636	-33.4	0	0	0	0	0
NE+7.50	C94	239	Viva.cub	1.1455	-33.4	0	0	0	0	0
NE+7.50	C94	239	Viva.cub	1.5273	-33.4	0	0	0	0	0
NE+7.50	C94	239	Viva.cub	1.9091	-33.4	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C94	239	Viva.cub	2.2909	-33.4	0	0	0	0	0
NE+7.50	C94	239	Viva.cub	2.6727	-33.4	0	0	0	0	0
NE+7.50	C94	239	Viva.cub	3.0545	-33.4	0	0	0	0	0
NE+7.50	C94	239	Viva.cub	3.4364	-33.4	0	0	0	0	0
NE+7.50	C94	239	Viva.cub	3.8182	-33.4	0	0	0	0	0
NE+7.50	C94	239	Viva.cub	4.2	-33.4	0	0	0	0	0
NE+7.50	C94	239	DISX-COMB Max	0	0	80.3704	11.7774	0	49.4651	337.5559
NE+7.50	C94	239	DISX-COMB Max	0.3818	0	80.3704	11.7774	0	44.9682	306.869
NE+7.50	C94	239	DISX-COMB Max	0.7636	0	80.3704	11.7774	0	40.4714	276.1821
NE+7.50	C94	239	DISX-COMB Max	1.1455	0	80.3704	11.7774	0	35.9746	245.4952
NE+7.50	C94	239	DISX-COMB Max	1.5273	0	80.3704	11.7774	0	31.4778	214.8083
NE+7.50	C94	239	DISX-COMB Max	1.9091	0	80.3704	11.7774	0	26.9809	184.1214
NE+7.50	C94	239	DISX-COMB Max	2.2909	0	80.3704	11.7774	0	22.4841	153.4345
NE+7.50	C94	239	DISX-COMB Max	2.6727	0	80.3704	11.7774	0	17.9873	122.7476
NE+7.50	C94	239	DISX-COMB Max	3.0545	0	80.3704	11.7774	0	13.4905	92.0607
NE+7.50	C94	239	DISX-COMB Max	3.4364	0	80.3704	11.7774	0	8.9936	61.3738
NE+7.50	C94	239	DISX-COMB Max	3.8182	0	80.3704	11.7774	0	4.4968	30.6869
NE+7.50	C94	239	DISX-COMB Max	4.2	0	80.3704	11.7774	0	0	0
NE+7.50	C94	239	DISY-COMB Max	0	0	7.4065	78.3094	0	328.8996	31.1074
NE+7.50	C94	239	DISY-COMB Max	0.3818	0	7.4065	78.3094	0	298.9996	28.2794
NE+7.50	C94	239	DISY-COMB Max	0.7636	0	7.4065	78.3094	0	269.0997	25.4515
NE+7.50	C94	239	DISY-COMB Max	1.1455	0	7.4065	78.3094	0	239.1997	22.6235
NE+7.50	C94	239	DISY-COMB Max	1.5273	0	7.4065	78.3094	0	209.2998	19.7956
NE+7.50	C94	239	DISY-COMB Max	1.9091	0	7.4065	78.3094	0	179.3998	16.9676
NE+7.50	C94	239	DISY-COMB Max	2.2909	0	7.4065	78.3094	0	149.4998	14.1397
NE+7.50	C94	239	DISY-COMB Max	2.6727	0	7.4065	78.3094	0	119.5999	11.3118
NE+7.50	C94	239	DISY-COMB Max	3.0545	0	7.4065	78.3094	0	89.6999	8.4838
NE+7.50	C94	239	DISY-COMB Max	3.4364	0	7.4065	78.3094	0	59.7999	5.6559
NE+7.50	C94	239	DISY-COMB Max	3.8182	0	7.4065	78.3094	0	29.9	2.8279
NE+7.50	C94	239	DISY-COMB Max	4.2	0	7.4065	78.3094	0	0	0
NE+7.50	C94	239	B241	0	-62.5576	0	0	0	0	0
NE+7.50	C94	239	B241	0.3818	-58.8051	0	0	0	0	0
NE+7.50	C94	239	B241	0.7636	-55.0526	0	0	0	0	0
NE+7.50	C94	239	B241	1.1455	-51.3001	0	0	0	0	0
NE+7.50	C94	239	B241	1.5273	-47.5476	0	0	0	0	0
NE+7.50	C94	239	B241	1.9091	-43.7951	0	0	0	0	0
NE+7.50	C94	239	B241	2.2909	-40.0425	0	0	0	0	0
NE+7.50	C94	239	B241	2.6727	-36.29	0	0	0	0	0
NE+7.50	C94	239	B241	3.0545	-32.5375	0	0	0	0	0
NE+7.50	C94	239	B241	3.4364	-28.785	0	0	0	0	0
NE+7.50	C94	239	B241	3.8182	-25.0325	0	0	0	0	0
NE+7.50	C94	239	B241	4.2	-21.28	0	0	0	0	0
NE+7.50	C94	239	B242	0	-70.3208	0	0	0	0	0
NE+7.50	C94	239	B242	0.3818	-67.1044	0	0	0	0	0
NE+7.50	C94	239	B242	0.7636	-63.8879	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C94	239	B242	1.1455	-60.6715	0	0	0	0	0
NE+7.50	C94	239	B242	1.5273	-57.4551	0	0	0	0	0
NE+7.50	C94	239	B242	1.9091	-54.2386	0	0	0	0	0
NE+7.50	C94	239	B242	2.2909	-51.0222	0	0	0	0	0
NE+7.50	C94	239	B242	2.6727	-47.8057	0	0	0	0	0
NE+7.50	C94	239	B242	3.0545	-44.5893	0	0	0	0	0
NE+7.50	C94	239	B242	3.4364	-41.3729	0	0	0	0	0
NE+7.50	C94	239	B242	3.8182	-38.1564	0	0	0	0	0
NE+7.50	C94	239	B242	4.2	-34.94	0	0	0	0	0
NE+7.50	C95	240	Pprop	0	-23.882	0	0	0	0	0
NE+7.50	C95	240	Pprop	0.2864	-21.7109	0	0	0	0	0
NE+7.50	C95	240	Pprop	0.5727	-19.5399	0	0	0	0	0
NE+7.50	C95	240	Pprop	0.8591	-17.3688	0	0	0	0	0
NE+7.50	C95	240	Pprop	1.1455	-15.1977	0	0	0	0	0
NE+7.50	C95	240	Pprop	1.4318	-13.0266	0	0	0	0	0
NE+7.50	C95	240	Pprop	1.7182	-10.8555	0	0	0	0	0
NE+7.50	C95	240	Pprop	2.0045	-8.6844	0	0	0	0	0
NE+7.50	C95	240	Pprop	2.2909	-6.5133	0	0	0	0	0
NE+7.50	C95	240	Pprop	2.5773	-4.3422	0	0	0	0	0
NE+7.50	C95	240	Pprop	2.8636	-2.1711	0	0	0	0	0
NE+7.50	C95	240	Pprop	3.15	0	0	0	0	0	0
NE+7.50	C95	240	Viva	0	0	0	0	0	0	0
NE+7.50	C95	240	Viva	0.2864	0	0	0	0	0	0
NE+7.50	C95	240	Viva	0.5727	0	0	0	0	0	0
NE+7.50	C95	240	Viva	0.8591	0	0	0	0	0	0
NE+7.50	C95	240	Viva	1.1455	0	0	0	0	0	0
NE+7.50	C95	240	Viva	1.4318	0	0	0	0	0	0
NE+7.50	C95	240	Viva	1.7182	0	0	0	0	0	0
NE+7.50	C95	240	Viva	2.0045	0	0	0	0	0	0
NE+7.50	C95	240	Viva	2.2909	0	0	0	0	0	0
NE+7.50	C95	240	Viva	2.5773	0	0	0	0	0	0
NE+7.50	C95	240	Viva	2.8636	0	0	0	0	0	0
NE+7.50	C95	240	Viva	3.15	0	0	0	0	0	0
NE+7.50	C95	240	Psup	0	-27.3348	-0.3456	0.0039	0	0.0122	-1.0886
NE+7.50	C95	240	Psup	0.2864	-27.3348	-0.3456	0.0039	0	0.0111	-0.9897
NE+7.50	C95	240	Psup	0.5727	-27.3348	-0.3456	0.0039	0	0.01	-0.8907
NE+7.50	C95	240	Psup	0.8591	-27.3348	-0.3456	0.0039	0	0.0089	-0.7917
NE+7.50	C95	240	Psup	1.1455	-27.3348	-0.3456	0.0039	0	0.0078	-0.6928
NE+7.50	C95	240	Psup	1.4318	-27.3348	-0.3456	0.0039	0	0.0067	-0.5938
NE+7.50	C95	240	Psup	1.7182	-27.3348	-0.3456	0.0039	0	0.0056	-0.4948
NE+7.50	C95	240	Psup	2.0045	-27.3348	-0.3456	0.0039	0	0.0045	-0.3959
NE+7.50	C95	240	Psup	2.2909	-27.3348	-0.3456	0.0039	0	0.0033	-0.2969
NE+7.50	C95	240	Psup	2.5773	-27.3348	-0.3456	0.0039	0	0.0022	-0.1979
NE+7.50	C95	240	Psup	2.8636	-27.3348	-0.3456	0.0039	0	0.0011	-0.099
NE+7.50	C95	240	Psup	3.15	-27.3348	-0.3456	0.0039	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C95	240	Viva.cub	0	-86.51	0.32	0.013	0	0.041	1.008
NE+7.50	C95	240	Viva.cub	0.2864	-86.51	0.32	0.013	0	0.0372	0.9164
NE+7.50	C95	240	Viva.cub	0.5727	-86.51	0.32	0.013	0	0.0335	0.8247
NE+7.50	C95	240	Viva.cub	0.8591	-86.51	0.32	0.013	0	0.0298	0.7331
NE+7.50	C95	240	Viva.cub	1.1455	-86.51	0.32	0.013	0	0.0261	0.6415
NE+7.50	C95	240	Viva.cub	1.4318	-86.51	0.32	0.013	0	0.0223	0.5498
NE+7.50	C95	240	Viva.cub	1.7182	-86.51	0.32	0.013	0	0.0186	0.4582
NE+7.50	C95	240	Viva.cub	2.0045	-86.51	0.32	0.013	0	0.0149	0.3665
NE+7.50	C95	240	Viva.cub	2.2909	-86.51	0.32	0.013	0	0.0112	0.2749
NE+7.50	C95	240	Viva.cub	2.5773	-86.51	0.32	0.013	0	0.0074	0.1833
NE+7.50	C95	240	Viva.cub	2.8636	-86.51	0.32	0.013	0	0.0037	0.0916
NE+7.50	C95	240	Viva.cub	3.15	-86.51	0.32	0.013	0	0	0
NE+7.50	C95	240	DISX-COMB Max	0	0	36.921	4.266	0	13.438	116.3012
NE+7.50	C95	240	DISX-COMB Max	0.2864	0	36.921	4.266	0	12.2164	105.7284
NE+7.50	C95	240	DISX-COMB Max	0.5727	0	36.921	4.266	0	10.9947	95.1555
NE+7.50	C95	240	DISX-COMB Max	0.8591	0	36.921	4.266	0	9.7731	84.5827
NE+7.50	C95	240	DISX-COMB Max	1.1455	0	36.921	4.266	0	8.5515	74.0099
NE+7.50	C95	240	DISX-COMB Max	1.4318	0	36.921	4.266	0	7.3298	63.437
NE+7.50	C95	240	DISX-COMB Max	1.7182	0	36.921	4.266	0	6.1082	52.8642
NE+7.50	C95	240	DISX-COMB Max	2.0045	0	36.921	4.266	0	4.8865	42.2913
NE+7.50	C95	240	DISX-COMB Max	2.2909	0	36.921	4.266	0	3.6649	31.7185
NE+7.50	C95	240	DISX-COMB Max	2.5773	0	36.921	4.266	0	2.4433	21.1457
NE+7.50	C95	240	DISX-COMB Max	2.8636	0	36.921	4.266	0	1.2216	10.5728
NE+7.50	C95	240	DISX-COMB Max	3.15	0	36.921	4.266	0	0	0
NE+7.50	C95	240	DISY-COMB Max	0	0	6.4441	28.9808	0	91.2895	20.299
NE+7.50	C95	240	DISY-COMB Max	0.2864	0	6.4441	28.9808	0	82.9905	18.4537
NE+7.50	C95	240	DISY-COMB Max	0.5727	0	6.4441	28.9808	0	74.6914	16.6083
NE+7.50	C95	240	DISY-COMB Max	0.8591	0	6.4441	28.9808	0	66.3924	14.7629
NE+7.50	C95	240	DISY-COMB Max	1.1455	0	6.4441	28.9808	0	58.0933	12.9176
NE+7.50	C95	240	DISY-COMB Max	1.4318	0	6.4441	28.9808	0	49.7943	11.0722
NE+7.50	C95	240	DISY-COMB Max	1.7182	0	6.4441	28.9808	0	41.4952	9.2268
NE+7.50	C95	240	DISY-COMB Max	2.0045	0	6.4441	28.9808	0	33.1962	7.3815
NE+7.50	C95	240	DISY-COMB Max	2.2909	0	6.4441	28.9808	0	24.8971	5.5361
NE+7.50	C95	240	DISY-COMB Max	2.5773	0	6.4441	28.9808	0	16.5981	3.6907
NE+7.50	C95	240	DISY-COMB Max	2.8636	0	6.4441	28.9808	0	8.299	1.8454
NE+7.50	C95	240	DISY-COMB Max	3.15	0	6.4441	28.9808	0	0	0
NE+7.50	C95	240	B241	0	-66.3922	-0.448	0.005	0	0.0159	-1.4112
NE+7.50	C95	240	B241	0.2864	-63.5778	-0.448	0.005	0	0.0144	-1.2829
NE+7.50	C95	240	B241	0.5727	-60.7634	-0.448	0.005	0	0.013	-1.1546
NE+7.50	C95	240	B241	0.8591	-57.9491	-0.448	0.005	0	0.0115	-1.0263
NE+7.50	C95	240	B241	1.1455	-55.1347	-0.448	0.005	0	0.0101	-0.898
NE+7.50	C95	240	B241	1.4318	-52.3203	-0.448	0.005	0	0.0087	-0.7697
NE+7.50	C95	240	B241	1.7182	-49.5059	-0.448	0.005	0	0.0072	-0.6415
NE+7.50	C95	240	B241	2.0045	-46.6915	-0.448	0.005	0	0.0058	-0.5132
NE+7.50	C95	240	B241	2.2909	-43.8771	-0.448	0.005	0	0.0043	-0.3849

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C95	240	B241	2.5773	-41.0628	-0.448	0.005	0	0.0029	-0.2566
NE+7.50	C95	240	B241	2.8636	-38.2484	-0.448	0.005	0	0.0014	-0.1283
NE+7.50	C95	240	B241	3.15	-35.434	-0.448	0.005	0	0	0
NE+7.50	C95	240	B242	0	-100.1626	-0.224	0.0108	0	0.0341	-0.7056
NE+7.50	C95	240	B242	0.2864	-97.7503	-0.224	0.0108	0	0.031	-0.6415
NE+7.50	C95	240	B242	0.5727	-95.3379	-0.224	0.0108	0	0.0279	-0.5773
NE+7.50	C95	240	B242	0.8591	-92.9256	-0.224	0.0108	0	0.0248	-0.5132
NE+7.50	C95	240	B242	1.1455	-90.5133	-0.224	0.0108	0	0.0217	-0.449
NE+7.50	C95	240	B242	1.4318	-88.101	-0.224	0.0108	0	0.0186	-0.3849
NE+7.50	C95	240	B242	1.7182	-85.6886	-0.224	0.0108	0	0.0155	-0.3207
NE+7.50	C95	240	B242	2.0045	-83.2763	-0.224	0.0108	0	0.0124	-0.2566
NE+7.50	C95	240	B242	2.2909	-80.864	-0.224	0.0108	0	0.0093	-0.1924
NE+7.50	C95	240	B242	2.5773	-78.4517	-0.224	0.0108	0	0.0062	-0.1283
NE+7.50	C95	240	B242	2.8636	-76.0393	-0.224	0.0108	0	0.0031	-0.0641
NE+7.50	C95	240	B242	3.15	-73.627	-0.224	0.0108	0	0	0
NE+7.50	C96	241	Pprop	0	-31.8427	0	0	0	0	0
NE+7.50	C96	241	Pprop	0.3818	-28.9479	0	0	0	0	0
NE+7.50	C96	241	Pprop	0.7636	-26.0531	0	0	0	0	0
NE+7.50	C96	241	Pprop	1.1455	-23.1583	0	0	0	0	0
NE+7.50	C96	241	Pprop	1.5273	-20.2635	0	0	0	0	0
NE+7.50	C96	241	Pprop	1.9091	-17.3688	0	0	0	0	0
NE+7.50	C96	241	Pprop	2.2909	-14.474	0	0	0	0	0
NE+7.50	C96	241	Pprop	2.6727	-11.5792	0	0	0	0	0
NE+7.50	C96	241	Pprop	3.0545	-8.6844	0	0	0	0	0
NE+7.50	C96	241	Pprop	3.4364	-5.7896	0	0	0	0	0
NE+7.50	C96	241	Pprop	3.8182	-2.8948	0	0	0	0	0
NE+7.50	C96	241	Pprop	4.2	0	0	0	0	0	0
NE+7.50	C96	241	Viva	0	0	0	0	0	0	0
NE+7.50	C96	241	Viva	0.3818	0	0	0	0	0	0
NE+7.50	C96	241	Viva	0.7636	0	0	0	0	0	0
NE+7.50	C96	241	Viva	1.1455	0	0	0	0	0	0
NE+7.50	C96	241	Viva	1.5273	0	0	0	0	0	0
NE+7.50	C96	241	Viva	1.9091	0	0	0	0	0	0
NE+7.50	C96	241	Viva	2.2909	0	0	0	0	0	0
NE+7.50	C96	241	Viva	2.6727	0	0	0	0	0	0
NE+7.50	C96	241	Viva	3.0545	0	0	0	0	0	0
NE+7.50	C96	241	Viva	3.4364	0	0	0	0	0	0
NE+7.50	C96	241	Viva	3.8182	0	0	0	0	0	0
NE+7.50	C96	241	Viva	4.2	0	0	0	0	0	0
NE+7.50	C96	241	Psup	0	-18.6948	0	0	0	0	0
NE+7.50	C96	241	Psup	0.3818	-18.6948	0	0	0	0	0
NE+7.50	C96	241	Psup	0.7636	-18.6948	0	0	0	0	0
NE+7.50	C96	241	Psup	1.1455	-18.6948	0	0	0	0	0
NE+7.50	C96	241	Psup	1.5273	-18.6948	0	0	0	0	0
NE+7.50	C96	241	Psup	1.9091	-18.6948	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C96	241	Psup	2.2909	-18.6948	0	0	0	0	0
NE+7.50	C96	241	Psup	2.6727	-18.6948	0	0	0	0	0
NE+7.50	C96	241	Psup	3.0545	-18.6948	0	0	0	0	0
NE+7.50	C96	241	Psup	3.4364	-18.6948	0	0	0	0	0
NE+7.50	C96	241	Psup	3.8182	-18.6948	0	0	0	0	0
NE+7.50	C96	241	Psup	4.2	-18.6948	0	0	0	0	0
NE+7.50	C96	241	Viva.cub	0	-32.57	0	0	0	0	0
NE+7.50	C96	241	Viva.cub	0.3818	-32.57	0	0	0	0	0
NE+7.50	C96	241	Viva.cub	0.7636	-32.57	0	0	0	0	0
NE+7.50	C96	241	Viva.cub	1.1455	-32.57	0	0	0	0	0
NE+7.50	C96	241	Viva.cub	1.5273	-32.57	0	0	0	0	0
NE+7.50	C96	241	Viva.cub	1.9091	-32.57	0	0	0	0	0
NE+7.50	C96	241	Viva.cub	2.2909	-32.57	0	0	0	0	0
NE+7.50	C96	241	Viva.cub	2.6727	-32.57	0	0	0	0	0
NE+7.50	C96	241	Viva.cub	3.0545	-32.57	0	0	0	0	0
NE+7.50	C96	241	Viva.cub	3.4364	-32.57	0	0	0	0	0
NE+7.50	C96	241	Viva.cub	3.8182	-32.57	0	0	0	0	0
NE+7.50	C96	241	Viva.cub	4.2	-32.57	0	0	0	0	0
NE+7.50	C96	241	DISX-COMB Max	0	0	96.7902	11.4272	0	47.9943	406.5188
NE+7.50	C96	241	DISX-COMB Max	0.3818	0	96.7902	11.4272	0	43.6312	369.5625
NE+7.50	C96	241	DISX-COMB Max	0.7636	0	96.7902	11.4272	0	39.2681	332.6063
NE+7.50	C96	241	DISX-COMB Max	1.1455	0	96.7902	11.4272	0	34.9049	295.65
NE+7.50	C96	241	DISX-COMB Max	1.5273	0	96.7902	11.4272	0	30.5418	258.6938
NE+7.50	C96	241	DISX-COMB Max	1.9091	0	96.7902	11.4272	0	26.1787	221.7375
NE+7.50	C96	241	DISX-COMB Max	2.2909	0	96.7902	11.4272	0	21.8156	184.7813
NE+7.50	C96	241	DISX-COMB Max	2.6727	0	96.7902	11.4272	0	17.4525	147.825
NE+7.50	C96	241	DISX-COMB Max	3.0545	0	96.7902	11.4272	0	13.0894	110.8688
NE+7.50	C96	241	DISX-COMB Max	3.4364	0	96.7902	11.4272	0	8.7262	73.9125
NE+7.50	C96	241	DISX-COMB Max	3.8182	0	96.7902	11.4272	0	4.3631	36.9563
NE+7.50	C96	241	DISX-COMB Max	4.2	0	96.7902	11.4272	0	0	0
NE+7.50	C96	241	DISY-COMB Max	0	0	8.1986	80.5437	0	338.2835	34.4342
NE+7.50	C96	241	DISY-COMB Max	0.3818	0	8.1986	80.5437	0	307.5305	31.3038
NE+7.50	C96	241	DISY-COMB Max	0.7636	0	8.1986	80.5437	0	276.7774	28.1734
NE+7.50	C96	241	DISY-COMB Max	1.1455	0	8.1986	80.5437	0	246.0244	25.043
NE+7.50	C96	241	DISY-COMB Max	1.5273	0	8.1986	80.5437	0	215.2713	21.9127
NE+7.50	C96	241	DISY-COMB Max	1.9091	0	8.1986	80.5437	0	184.5183	18.7823
NE+7.50	C96	241	DISY-COMB Max	2.2909	0	8.1986	80.5437	0	153.7652	15.6519
NE+7.50	C96	241	DISY-COMB Max	2.6727	0	8.1986	80.5437	0	123.0122	12.5215
NE+7.50	C96	241	DISY-COMB Max	3.0545	0	8.1986	80.5437	0	92.2591	9.3911
NE+7.50	C96	241	DISY-COMB Max	3.4364	0	8.1986	80.5437	0	61.5061	6.2608
NE+7.50	C96	241	DISY-COMB Max	3.8182	0	8.1986	80.5437	0	30.753	3.1304
NE+7.50	C96	241	DISY-COMB Max	4.2	0	8.1986	80.5437	0	0	0
NE+7.50	C96	241	B241	0	-65.5116	0	0	0	0	0
NE+7.50	C96	241	B241	0.3818	-61.7591	0	0	0	0	0
NE+7.50	C96	241	B241	0.7636	-58.0066	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C96	241	B241	1.1455	-54.2541	0	0	0	0	0
NE+7.50	C96	241	B241	1.5273	-50.5016	0	0	0	0	0
NE+7.50	C96	241	B241	1.9091	-46.7491	0	0	0	0	0
NE+7.50	C96	241	B241	2.2909	-42.9965	0	0	0	0	0
NE+7.50	C96	241	B241	2.6727	-39.244	0	0	0	0	0
NE+7.50	C96	241	B241	3.0545	-35.4915	0	0	0	0	0
NE+7.50	C96	241	B241	3.4364	-31.739	0	0	0	0	0
NE+7.50	C96	241	B241	3.8182	-27.9865	0	0	0	0	0
NE+7.50	C96	241	B241	4.2	-24.234	0	0	0	0	0
NE+7.50	C96	241	B242	0	-72.4378	0	0	0	0	0
NE+7.50	C96	241	B242	0.3818	-69.2214	0	0	0	0	0
NE+7.50	C96	241	B242	0.7636	-66.0049	0	0	0	0	0
NE+7.50	C96	241	B242	1.1455	-62.7885	0	0	0	0	0
NE+7.50	C96	241	B242	1.5273	-59.5721	0	0	0	0	0
NE+7.50	C96	241	B242	1.9091	-56.3556	0	0	0	0	0
NE+7.50	C96	241	B242	2.2909	-53.1392	0	0	0	0	0
NE+7.50	C96	241	B242	2.6727	-49.9227	0	0	0	0	0
NE+7.50	C96	241	B242	3.0545	-46.7063	0	0	0	0	0
NE+7.50	C96	241	B242	3.4364	-43.4899	0	0	0	0	0
NE+7.50	C96	241	B242	3.8182	-40.2734	0	0	0	0	0
NE+7.50	C96	241	B242	4.2	-37.057	0	0	0	0	0
NE+7.50	C98	245	Pprop	0	-31.8427	0	0	0	0	0
NE+7.50	C98	245	Pprop	0.3818	-28.9479	0	0	0	0	0
NE+7.50	C98	245	Pprop	0.7636	-26.0531	0	0	0	0	0
NE+7.50	C98	245	Pprop	1.1455	-23.1583	0	0	0	0	0
NE+7.50	C98	245	Pprop	1.5273	-20.2635	0	0	0	0	0
NE+7.50	C98	245	Pprop	1.9091	-17.3688	0	0	0	0	0
NE+7.50	C98	245	Pprop	2.2909	-14.474	0	0	0	0	0
NE+7.50	C98	245	Pprop	2.6727	-11.5792	0	0	0	0	0
NE+7.50	C98	245	Pprop	3.0545	-8.6844	0	0	0	0	0
NE+7.50	C98	245	Pprop	3.4364	-5.7896	0	0	0	0	0
NE+7.50	C98	245	Pprop	3.8182	-2.8948	0	0	0	0	0
NE+7.50	C98	245	Pprop	4.2	0	0	0	0	0	0
NE+7.50	C98	245	Viva	0	0	0	0	0	0	0
NE+7.50	C98	245	Viva	0.3818	0	0	0	0	0	0
NE+7.50	C98	245	Viva	0.7636	0	0	0	0	0	0
NE+7.50	C98	245	Viva	1.1455	0	0	0	0	0	0
NE+7.50	C98	245	Viva	1.5273	0	0	0	0	0	0
NE+7.50	C98	245	Viva	1.9091	0	0	0	0	0	0
NE+7.50	C98	245	Viva	2.2909	0	0	0	0	0	0
NE+7.50	C98	245	Viva	2.6727	0	0	0	0	0	0
NE+7.50	C98	245	Viva	3.0545	0	0	0	0	0	0
NE+7.50	C98	245	Viva	3.4364	0	0	0	0	0	0
NE+7.50	C98	245	Viva	3.8182	0	0	0	0	0	0
NE+7.50	C98	245	Viva	4.2	0	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C98	245	Psup	0	-18.036	0	0	0	0	0
NE+7.50	C98	245	Psup	0.3818	-18.036	0	0	0	0	0
NE+7.50	C98	245	Psup	0.7636	-18.036	0	0	0	0	0
NE+7.50	C98	245	Psup	1.1455	-18.036	0	0	0	0	0
NE+7.50	C98	245	Psup	1.5273	-18.036	0	0	0	0	0
NE+7.50	C98	245	Psup	1.9091	-18.036	0	0	0	0	0
NE+7.50	C98	245	Psup	2.2909	-18.036	0	0	0	0	0
NE+7.50	C98	245	Psup	2.6727	-18.036	0	0	0	0	0
NE+7.50	C98	245	Psup	3.0545	-18.036	0	0	0	0	0
NE+7.50	C98	245	Psup	3.4364	-18.036	0	0	0	0	0
NE+7.50	C98	245	Psup	3.8182	-18.036	0	0	0	0	0
NE+7.50	C98	245	Psup	4.2	-18.036	0	0	0	0	0
NE+7.50	C98	245	Viva.cub	0	-33.38	0	0	0	0	0
NE+7.50	C98	245	Viva.cub	0.3818	-33.38	0	0	0	0	0
NE+7.50	C98	245	Viva.cub	0.7636	-33.38	0	0	0	0	0
NE+7.50	C98	245	Viva.cub	1.1455	-33.38	0	0	0	0	0
NE+7.50	C98	245	Viva.cub	1.5273	-33.38	0	0	0	0	0
NE+7.50	C98	245	Viva.cub	1.9091	-33.38	0	0	0	0	0
NE+7.50	C98	245	Viva.cub	2.2909	-33.38	0	0	0	0	0
NE+7.50	C98	245	Viva.cub	2.6727	-33.38	0	0	0	0	0
NE+7.50	C98	245	Viva.cub	3.0545	-33.38	0	0	0	0	0
NE+7.50	C98	245	Viva.cub	3.4364	-33.38	0	0	0	0	0
NE+7.50	C98	245	Viva.cub	3.8182	-33.38	0	0	0	0	0
NE+7.50	C98	245	Viva.cub	4.2	-33.38	0	0	0	0	0
NE+7.50	C98	245	DISX-COMB Max	0	0	83.142	23.6647	0	99.3915	349.1964
NE+7.50	C98	245	DISX-COMB Max	0.3818	0	83.142	23.6647	0	90.356	317.4513
NE+7.50	C98	245	DISX-COMB Max	0.7636	0	83.142	23.6647	0	81.3204	285.7062
NE+7.50	C98	245	DISX-COMB Max	1.1455	0	83.142	23.6647	0	72.2848	253.961
NE+7.50	C98	245	DISX-COMB Max	1.5273	0	83.142	23.6647	0	63.2492	222.2159
NE+7.50	C98	245	DISX-COMB Max	1.9091	0	83.142	23.6647	0	54.2136	190.4708
NE+7.50	C98	245	DISX-COMB Max	2.2909	0	83.142	23.6647	0	45.178	158.7256
NE+7.50	C98	245	DISX-COMB Max	2.6727	0	83.142	23.6647	0	36.1424	126.9805
NE+7.50	C98	245	DISX-COMB Max	3.0545	0	83.142	23.6647	0	27.1068	95.2354
NE+7.50	C98	245	DISX-COMB Max	3.4364	0	83.142	23.6647	0	18.0712	63.4903
NE+7.50	C98	245	DISX-COMB Max	3.8182	0	83.142	23.6647	0	9.0356	31.7451
NE+7.50	C98	245	DISX-COMB Max	4.2	0	83.142	23.6647	0	0	0
NE+7.50	C98	245	DISY-COMB Max	0	0	7.0453	75.416	0	316.7472	29.5902
NE+7.50	C98	245	DISY-COMB Max	0.3818	0	7.0453	75.416	0	287.952	26.9002
NE+7.50	C98	245	DISY-COMB Max	0.7636	0	7.0453	75.416	0	259.1568	24.2102
NE+7.50	C98	245	DISY-COMB Max	1.1455	0	7.0453	75.416	0	230.3616	21.5201
NE+7.50	C98	245	DISY-COMB Max	1.5273	0	7.0453	75.416	0	201.5664	18.8301
NE+7.50	C98	245	DISY-COMB Max	1.9091	0	7.0453	75.416	0	172.7712	16.1401
NE+7.50	C98	245	DISY-COMB Max	2.2909	0	7.0453	75.416	0	143.976	13.4501
NE+7.50	C98	245	DISY-COMB Max	2.6727	0	7.0453	75.416	0	115.1808	10.7601
NE+7.50	C98	245	DISY-COMB Max	3.0545	0	7.0453	75.416	0	86.3856	8.0701

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C98	245	DISY-COMB Max	3.4364	0	7.0453	75.416	0	57.5904	5.38
NE+7.50	C98	245	DISY-COMB Max	3.8182	0	7.0453	75.416	0	28.7952	2.69
NE+7.50	C98	245	DISY-COMB Max	4.2	0	7.0453	75.416	0	0	0
NE+7.50	C98	245	B241	0	-64.6576	0	0	0	0	0
NE+7.50	C98	245	B241	0.3818	-60.9051	0	0	0	0	0
NE+7.50	C98	245	B241	0.7636	-57.1526	0	0	0	0	0
NE+7.50	C98	245	B241	1.1455	-53.4001	0	0	0	0	0
NE+7.50	C98	245	B241	1.5273	-49.6476	0	0	0	0	0
NE+7.50	C98	245	B241	1.9091	-45.8951	0	0	0	0	0
NE+7.50	C98	245	B241	2.2909	-42.1425	0	0	0	0	0
NE+7.50	C98	245	B241	2.6727	-38.39	0	0	0	0	0
NE+7.50	C98	245	B241	3.0545	-34.6375	0	0	0	0	0
NE+7.50	C98	245	B241	3.4364	-30.885	0	0	0	0	0
NE+7.50	C98	245	B241	3.8182	-27.1325	0	0	0	0	0
NE+7.50	C98	245	B241	4.2	-23.38	0	0	0	0	0
NE+7.50	C98	245	B242	0	-72.1108	0	0	0	0	0
NE+7.50	C98	245	B242	0.3818	-68.8944	0	0	0	0	0
NE+7.50	C98	245	B242	0.7636	-65.6779	0	0	0	0	0
NE+7.50	C98	245	B242	1.1455	-62.4615	0	0	0	0	0
NE+7.50	C98	245	B242	1.5273	-59.2451	0	0	0	0	0
NE+7.50	C98	245	B242	1.9091	-56.0286	0	0	0	0	0
NE+7.50	C98	245	B242	2.2909	-52.8122	0	0	0	0	0
NE+7.50	C98	245	B242	2.6727	-49.5957	0	0	0	0	0
NE+7.50	C98	245	B242	3.0545	-46.3793	0	0	0	0	0
NE+7.50	C98	245	B242	3.4364	-43.1629	0	0	0	0	0
NE+7.50	C98	245	B242	3.8182	-39.9464	0	0	0	0	0
NE+7.50	C98	245	B242	4.2	-36.73	0	0	0	0	0
NE+7.50	C99	430	Pprop	0	-23.0854	0	0	0	0	0
NE+7.50	C99	430	Pprop	0.2864	-20.9868	0	0	0	0	0
NE+7.50	C99	430	Pprop	0.5727	-18.8881	0	0	0	0	0
NE+7.50	C99	430	Pprop	0.8591	-16.7894	0	0	0	0	0
NE+7.50	C99	430	Pprop	1.1455	-14.6907	0	0	0	0	0
NE+7.50	C99	430	Pprop	1.4318	-12.5921	0	0	0	0	0
NE+7.50	C99	430	Pprop	1.7182	-10.4934	0	0	0	0	0
NE+7.50	C99	430	Pprop	2.0045	-8.3947	0	0	0	0	0
NE+7.50	C99	430	Pprop	2.2909	-6.296	0	0	0	0	0
NE+7.50	C99	430	Pprop	2.5773	-4.1974	0	0	0	0	0
NE+7.50	C99	430	Pprop	2.8636	-2.0987	0	0	0	0	0
NE+7.50	C99	430	Pprop	3.15	0	0	0	0	0	0
NE+7.50	C99	430	Viva	0	0	0	0	0	0	0
NE+7.50	C99	430	Viva	0.2864	0	0	0	0	0	0
NE+7.50	C99	430	Viva	0.5727	0	0	0	0	0	0
NE+7.50	C99	430	Viva	0.8591	0	0	0	0	0	0
NE+7.50	C99	430	Viva	1.1455	0	0	0	0	0	0
NE+7.50	C99	430	Viva	1.4318	0	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C99	430	Viva	1.7182	0	0	0	0	0	0
NE+7.50	C99	430	Viva	2.0045	0	0	0	0	0	0
NE+7.50	C99	430	Viva	2.2909	0	0	0	0	0	0
NE+7.50	C99	430	Viva	2.5773	0	0	0	0	0	0
NE+7.50	C99	430	Viva	2.8636	0	0	0	0	0	0
NE+7.50	C99	430	Viva	3.15	0	0	0	0	0	0
NE+7.50	C99	430	Psup	0	-29.7648	0.9418	-0.0029	0	-0.0092	2.9665
NE+7.50	C99	430	Psup	0.2864	-29.7648	0.9418	-0.0029	0	-0.0084	2.6969
NE+7.50	C99	430	Psup	0.5727	-29.7648	0.9418	-0.0029	0	-0.0075	2.4272
NE+7.50	C99	430	Psup	0.8591	-29.7648	0.9418	-0.0029	0	-0.0067	2.1575
NE+7.50	C99	430	Psup	1.1455	-29.7648	0.9418	-0.0029	0	-0.0058	1.8878
NE+7.50	C99	430	Psup	1.4318	-29.7648	0.9418	-0.0029	0	-0.005	1.6181
NE+7.50	C99	430	Psup	1.7182	-29.7648	0.9418	-0.0029	0	-0.0042	1.3484
NE+7.50	C99	430	Psup	2.0045	-29.7648	0.9418	-0.0029	0	-0.0033	1.0787
NE+7.50	C99	430	Psup	2.2909	-29.7648	0.9418	-0.0029	0	-0.0025	0.8091
NE+7.50	C99	430	Psup	2.5773	-29.7648	0.9418	-0.0029	0	-0.0017	0.5394
NE+7.50	C99	430	Psup	2.8636	-29.7648	0.9418	-0.0029	0	-0.0008	0.2697
NE+7.50	C99	430	Psup	3.15	-29.7648	0.9418	-0.0029	0	0	0
NE+7.50	C99	430	Viva.cub	0	-86.15	1.63	-0.01	0	-0.0315	5.1345
NE+7.50	C99	430	Viva.cub	0.2864	-86.15	1.63	-0.01	0	-0.0286	4.6677
NE+7.50	C99	430	Viva.cub	0.5727	-86.15	1.63	-0.01	0	-0.0258	4.201
NE+7.50	C99	430	Viva.cub	0.8591	-86.15	1.63	-0.01	0	-0.0229	3.7342
NE+7.50	C99	430	Viva.cub	1.1455	-86.15	1.63	-0.01	0	-0.02	3.2674
NE+7.50	C99	430	Viva.cub	1.4318	-86.15	1.63	-0.01	0	-0.0172	2.8006
NE+7.50	C99	430	Viva.cub	1.7182	-86.15	1.63	-0.01	0	-0.0143	2.3339
NE+7.50	C99	430	Viva.cub	2.0045	-86.15	1.63	-0.01	0	-0.0115	1.8671
NE+7.50	C99	430	Viva.cub	2.2909	-86.15	1.63	-0.01	0	-0.0086	1.4003
NE+7.50	C99	430	Viva.cub	2.5773	-86.15	1.63	-0.01	0	-0.0057	0.9335
NE+7.50	C99	430	Viva.cub	2.8636	-86.15	1.63	-0.01	0	-0.0029	0.4668
NE+7.50	C99	430	Viva.cub	3.15	-86.15	1.63	-0.01	0	0	0
NE+7.50	C99	430	DISX-COMB Max	0	0	34.684	8.4237	0	26.5345	109.2545
NE+7.50	C99	430	DISX-COMB Max	0.2864	0	34.684	8.4237	0	24.1223	99.3222
NE+7.50	C99	430	DISX-COMB Max	0.5727	0	34.684	8.4237	0	21.7101	89.39
NE+7.50	C99	430	DISX-COMB Max	0.8591	0	34.684	8.4237	0	19.2978	79.4578
NE+7.50	C99	430	DISX-COMB Max	1.1455	0	34.684	8.4237	0	16.8856	69.5256
NE+7.50	C99	430	DISX-COMB Max	1.4318	0	34.684	8.4237	0	14.4734	59.5933
NE+7.50	C99	430	DISX-COMB Max	1.7182	0	34.684	8.4237	0	12.0612	49.6611
NE+7.50	C99	430	DISX-COMB Max	2.0045	0	34.684	8.4237	0	9.6489	39.7289
NE+7.50	C99	430	DISX-COMB Max	2.2909	0	34.684	8.4237	0	7.2367	29.7967
NE+7.50	C99	430	DISX-COMB Max	2.5773	0	34.684	8.4237	0	4.8245	19.8644
NE+7.50	C99	430	DISX-COMB Max	2.8636	0	34.684	8.4237	0	2.4122	9.9322
NE+7.50	C99	430	DISX-COMB Max	3.15	0	34.684	8.4237	0	0	0
NE+7.50	C99	430	DISY-COMB Max	0	0	6.4121	28.9096	0	91.0654	20.1982
NE+7.50	C99	430	DISY-COMB Max	0.2864	0	6.4121	28.9096	0	82.7867	18.362
NE+7.50	C99	430	DISY-COMB Max	0.5727	0	6.4121	28.9096	0	74.508	16.5258

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C99	430	DISY-COMB Max	0.8591	0	6.4121	28.9096	0	66.2294	14.6896
NE+7.50	C99	430	DISY-COMB Max	1.1455	0	6.4121	28.9096	0	57.9507	12.8534
NE+7.50	C99	430	DISY-COMB Max	1.4318	0	6.4121	28.9096	0	49.672	11.0172
NE+7.50	C99	430	DISY-COMB Max	1.7182	0	6.4121	28.9096	0	41.3934	9.181
NE+7.50	C99	430	DISY-COMB Max	2.0045	0	6.4121	28.9096	0	33.1147	7.3448
NE+7.50	C99	430	DISY-COMB Max	2.2909	0	6.4121	28.9096	0	24.836	5.5086
NE+7.50	C99	430	DISY-COMB Max	2.5773	0	6.4121	28.9096	0	16.5573	3.6724
NE+7.50	C99	430	DISY-COMB Max	2.8636	0	6.4121	28.9096	0	8.2787	1.8362
NE+7.50	C99	430	DISY-COMB Max	3.15	0	6.4121	28.9096	0	0	0
NE+7.50	C99	430	B241	0	-68.5096	1.2208	-0.0038	0	-0.0119	3.8455
NE+7.50	C99	430	B241	0.2864	-65.789	1.2208	-0.0038	0	-0.0108	3.4959
NE+7.50	C99	430	B241	0.5727	-63.0685	1.2208	-0.0038	0	-0.0097	3.1463
NE+7.50	C99	430	B241	0.8591	-60.348	1.2208	-0.0038	0	-0.0087	2.7967
NE+7.50	C99	430	B241	1.1455	-57.6275	1.2208	-0.0038	0	-0.0076	2.4471
NE+7.50	C99	430	B241	1.4318	-54.907	1.2208	-0.0038	0	-0.0065	2.0976
NE+7.50	C99	430	B241	1.7182	-52.1865	1.2208	-0.0038	0	-0.0054	1.748
NE+7.50	C99	430	B241	2.0045	-49.466	1.2208	-0.0038	0	-0.0043	1.3984
NE+7.50	C99	430	B241	2.2909	-46.7455	1.2208	-0.0038	0	-0.0032	1.0488
NE+7.50	C99	430	B241	2.5773	-44.025	1.2208	-0.0038	0	-0.0022	0.6992
NE+7.50	C99	430	B241	2.8636	-41.3045	1.2208	-0.0038	0	-0.0011	0.3496
NE+7.50	C99	430	B241	3.15	-38.584	1.2208	-0.0038	0	0	0
NE+7.50	C99	430	B242	0	-101.7975	1.8614	-0.0082	0	-0.026	5.8634
NE+7.50	C99	430	B242	0.2864	-99.4656	1.8614	-0.0082	0	-0.0236	5.3304
NE+7.50	C99	430	B242	0.5727	-97.1338	1.8614	-0.0082	0	-0.0212	4.7973
NE+7.50	C99	430	B242	0.8591	-94.8019	1.8614	-0.0082	0	-0.0189	4.2643
NE+7.50	C99	430	B242	1.1455	-92.47	1.8614	-0.0082	0	-0.0165	3.7313
NE+7.50	C99	430	B242	1.4318	-90.1382	1.8614	-0.0082	0	-0.0142	3.1982
NE+7.50	C99	430	B242	1.7182	-87.8063	1.8614	-0.0082	0	-0.0118	2.6652
NE+7.50	C99	430	B242	2.0045	-85.4744	1.8614	-0.0082	0	-0.0094	2.1321
NE+7.50	C99	430	B242	2.2909	-83.1426	1.8614	-0.0082	0	-0.0071	1.5991
NE+7.50	C99	430	B242	2.5773	-80.8107	1.8614	-0.0082	0	-0.0047	1.0661
NE+7.50	C99	430	B242	2.8636	-78.4789	1.8614	-0.0082	0	-0.0024	0.533
NE+7.50	C99	430	B242	3.15	-76.147	1.8614	-0.0082	0	0	0
NE+7.50	C300	1322	Pprop	0	-31.8427	0	0	0	0	0
NE+7.50	C300	1322	Pprop	0.3818	-28.9479	0	0	0	0	0
NE+7.50	C300	1322	Pprop	0.7636	-26.0531	0	0	0	0	0
NE+7.50	C300	1322	Pprop	1.1455	-23.1583	0	0	0	0	0
NE+7.50	C300	1322	Pprop	1.5273	-20.2635	0	0	0	0	0
NE+7.50	C300	1322	Pprop	1.9091	-17.3688	0	0	0	0	0
NE+7.50	C300	1322	Pprop	2.2909	-14.474	0	0	0	0	0
NE+7.50	C300	1322	Pprop	2.6727	-11.5792	0	0	0	0	0
NE+7.50	C300	1322	Pprop	3.0545	-8.6844	0	0	0	0	0
NE+7.50	C300	1322	Pprop	3.4364	-5.7896	0	0	0	0	0
NE+7.50	C300	1322	Pprop	3.8182	-2.8948	0	0	0	0	0
NE+7.50	C300	1322	Pprop	4.2	0	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C300	1322	Viva	0	0	0	0	0	0	0
NE+7.50	C300	1322	Viva	0.3818	0	0	0	0	0	0
NE+7.50	C300	1322	Viva	0.7636	0	0	0	0	0	0
NE+7.50	C300	1322	Viva	1.1455	0	0	0	0	0	0
NE+7.50	C300	1322	Viva	1.5273	0	0	0	0	0	0
NE+7.50	C300	1322	Viva	1.9091	0	0	0	0	0	0
NE+7.50	C300	1322	Viva	2.2909	0	0	0	0	0	0
NE+7.50	C300	1322	Viva	2.6727	0	0	0	0	0	0
NE+7.50	C300	1322	Viva	3.0545	0	0	0	0	0	0
NE+7.50	C300	1322	Viva	3.4364	0	0	0	0	0	0
NE+7.50	C300	1322	Viva	3.8182	0	0	0	0	0	0
NE+7.50	C300	1322	Viva	4.2	0	0	0	0	0	0
NE+7.50	C300	1322	Psup	0	-15.7248	0	0	0	0	0
NE+7.50	C300	1322	Psup	0.3818	-15.7248	0	0	0	0	0
NE+7.50	C300	1322	Psup	0.7636	-15.7248	0	0	0	0	0
NE+7.50	C300	1322	Psup	1.1455	-15.7248	0	0	0	0	0
NE+7.50	C300	1322	Psup	1.5273	-15.7248	0	0	0	0	0
NE+7.50	C300	1322	Psup	1.9091	-15.7248	0	0	0	0	0
NE+7.50	C300	1322	Psup	2.2909	-15.7248	0	0	0	0	0
NE+7.50	C300	1322	Psup	2.6727	-15.7248	0	0	0	0	0
NE+7.50	C300	1322	Psup	3.0545	-15.7248	0	0	0	0	0
NE+7.50	C300	1322	Psup	3.4364	-15.7248	0	0	0	0	0
NE+7.50	C300	1322	Psup	3.8182	-15.7248	0	0	0	0	0
NE+7.50	C300	1322	Psup	4.2	-15.7248	0	0	0	0	0
NE+7.50	C300	1322	Viva.cub	0	-34.37	0	0	0	0	0
NE+7.50	C300	1322	Viva.cub	0.3818	-34.37	0	0	0	0	0
NE+7.50	C300	1322	Viva.cub	0.7636	-34.37	0	0	0	0	0
NE+7.50	C300	1322	Viva.cub	1.1455	-34.37	0	0	0	0	0
NE+7.50	C300	1322	Viva.cub	1.5273	-34.37	0	0	0	0	0
NE+7.50	C300	1322	Viva.cub	1.9091	-34.37	0	0	0	0	0
NE+7.50	C300	1322	Viva.cub	2.2909	-34.37	0	0	0	0	0
NE+7.50	C300	1322	Viva.cub	2.6727	-34.37	0	0	0	0	0
NE+7.50	C300	1322	Viva.cub	3.0545	-34.37	0	0	0	0	0
NE+7.50	C300	1322	Viva.cub	3.4364	-34.37	0	0	0	0	0
NE+7.50	C300	1322	Viva.cub	3.8182	-34.37	0	0	0	0	0
NE+7.50	C300	1322	Viva.cub	4.2	-34.37	0	0	0	0	0
NE+7.50	C300	1322	DISX-COMB Max	0	0	66.7531	26.4407	0	111.0509	280.363
NE+7.50	C300	1322	DISX-COMB Max	0.3818	0	66.7531	26.4407	0	100.9553	254.8755
NE+7.50	C300	1322	DISX-COMB Max	0.7636	0	66.7531	26.4407	0	90.8598	229.3879
NE+7.50	C300	1322	DISX-COMB Max	1.1455	0	66.7531	26.4407	0	80.7643	203.9004
NE+7.50	C300	1322	DISX-COMB Max	1.5273	0	66.7531	26.4407	0	70.6687	178.4128
NE+7.50	C300	1322	DISX-COMB Max	1.9091	0	66.7531	26.4407	0	60.5732	152.9253
NE+7.50	C300	1322	DISX-COMB Max	2.2909	0	66.7531	26.4407	0	50.4777	127.4377
NE+7.50	C300	1322	DISX-COMB Max	2.6727	0	66.7531	26.4407	0	40.3821	101.9502
NE+7.50	C300	1322	DISX-COMB Max	3.0545	0	66.7531	26.4407	0	30.2866	76.4626

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C300	1322	DISX-COMB Max	3.4364	0	66.7531	26.4407	0	20.1911	50.9751
NE+7.50	C300	1322	DISX-COMB Max	3.8182	0	66.7531	26.4407	0	10.0955	25.4875
NE+7.50	C300	1322	DISX-COMB Max	4.2	0	66.7531	26.4407	0	0	0
NE+7.50	C300	1322	DISY-COMB Max	0	0	6.1213	64.9207	0	272.6671	25.7095
NE+7.50	C300	1322	DISY-COMB Max	0.3818	0	6.1213	64.9207	0	247.8792	23.3723
NE+7.50	C300	1322	DISY-COMB Max	0.7636	0	6.1213	64.9207	0	223.0912	21.035
NE+7.50	C300	1322	DISY-COMB Max	1.1455	0	6.1213	64.9207	0	198.3033	18.6978
NE+7.50	C300	1322	DISY-COMB Max	1.5273	0	6.1213	64.9207	0	173.5154	16.3606
NE+7.50	C300	1322	DISY-COMB Max	1.9091	0	6.1213	64.9207	0	148.7275	14.0234
NE+7.50	C300	1322	DISY-COMB Max	2.2909	0	6.1213	64.9207	0	123.9396	11.6861
NE+7.50	C300	1322	DISY-COMB Max	2.6727	0	6.1213	64.9207	0	99.1517	9.3489
NE+7.50	C300	1322	DISY-COMB Max	3.0545	0	6.1213	64.9207	0	74.3637	7.0117
NE+7.50	C300	1322	DISY-COMB Max	3.4364	0	6.1213	64.9207	0	49.5758	4.6745
NE+7.50	C300	1322	DISY-COMB Max	3.8182	0	6.1213	64.9207	0	24.7879	2.3372
NE+7.50	C300	1322	DISY-COMB Max	4.2	0	6.1213	64.9207	0	0	0
NE+7.50	C300	1322	B241	0	-61.6616	0	0	0	0	0
NE+7.50	C300	1322	B241	0.3818	-57.9091	0	0	0	0	0
NE+7.50	C300	1322	B241	0.7636	-54.1566	0	0	0	0	0
NE+7.50	C300	1322	B241	1.1455	-50.4041	0	0	0	0	0
NE+7.50	C300	1322	B241	1.5273	-46.6516	0	0	0	0	0
NE+7.50	C300	1322	B241	1.9091	-42.8991	0	0	0	0	0
NE+7.50	C300	1322	B241	2.2909	-39.1465	0	0	0	0	0
NE+7.50	C300	1322	B241	2.6727	-35.394	0	0	0	0	0
NE+7.50	C300	1322	B241	3.0545	-31.6415	0	0	0	0	0
NE+7.50	C300	1322	B241	3.4364	-27.889	0	0	0	0	0
NE+7.50	C300	1322	B241	3.8182	-24.1365	0	0	0	0	0
NE+7.50	C300	1322	B241	4.2	-20.384	0	0	0	0	0
NE+7.50	C300	1322	B242	0	-70.0378	0	0	0	0	0
NE+7.50	C300	1322	B242	0.3818	-66.8214	0	0	0	0	0
NE+7.50	C300	1322	B242	0.7636	-63.6049	0	0	0	0	0
NE+7.50	C300	1322	B242	1.1455	-60.3885	0	0	0	0	0
NE+7.50	C300	1322	B242	1.5273	-57.1721	0	0	0	0	0
NE+7.50	C300	1322	B242	1.9091	-53.9556	0	0	0	0	0
NE+7.50	C300	1322	B242	2.2909	-50.7392	0	0	0	0	0
NE+7.50	C300	1322	B242	2.6727	-47.5227	0	0	0	0	0
NE+7.50	C300	1322	B242	3.0545	-44.3063	0	0	0	0	0
NE+7.50	C300	1322	B242	3.4364	-41.0899	0	0	0	0	0
NE+7.50	C300	1322	B242	3.8182	-37.8734	0	0	0	0	0
NE+7.50	C300	1322	B242	4.2	-34.657	0	0	0	0	0
NE+7.50	C301	1323	Pprop	0	-23.882	0	0	0	0	0
NE+7.50	C301	1323	Pprop	0.2864	-21.7109	0	0	0	0	0
NE+7.50	C301	1323	Pprop	0.5727	-19.5399	0	0	0	0	0
NE+7.50	C301	1323	Pprop	0.8591	-17.3688	0	0	0	0	0
NE+7.50	C301	1323	Pprop	1.1455	-15.1977	0	0	0	0	0
NE+7.50	C301	1323	Pprop	1.4318	-13.0266	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C301	1323	Pprop	1.7182	-10.8555	0	0	0	0	0
NE+7.50	C301	1323	Pprop	2.0045	-8.6844	0	0	0	0	0
NE+7.50	C301	1323	Pprop	2.2909	-6.5133	0	0	0	0	0
NE+7.50	C301	1323	Pprop	2.5773	-4.3422	0	0	0	0	0
NE+7.50	C301	1323	Pprop	2.8636	-2.1711	0	0	0	0	0
NE+7.50	C301	1323	Pprop	3.15	0	0	0	0	0	0
NE+7.50	C301	1323	Viva	0	0	0	0	0	0	0
NE+7.50	C301	1323	Viva	0.2864	0	0	0	0	0	0
NE+7.50	C301	1323	Viva	0.5727	0	0	0	0	0	0
NE+7.50	C301	1323	Viva	0.8591	0	0	0	0	0	0
NE+7.50	C301	1323	Viva	1.1455	0	0	0	0	0	0
NE+7.50	C301	1323	Viva	1.4318	0	0	0	0	0	0
NE+7.50	C301	1323	Viva	1.7182	0	0	0	0	0	0
NE+7.50	C301	1323	Viva	2.0045	0	0	0	0	0	0
NE+7.50	C301	1323	Viva	2.2909	0	0	0	0	0	0
NE+7.50	C301	1323	Viva	2.5773	0	0	0	0	0	0
NE+7.50	C301	1323	Viva	2.8636	0	0	0	0	0	0
NE+7.50	C301	1323	Viva	3.15	0	0	0	0	0	0
NE+7.50	C301	1323	Psup	0	-30.132	-2.3652	0.0346	0	0.1089	-7.4504
NE+7.50	C301	1323	Psup	0.2864	-30.132	-2.3652	0.0346	0	0.099	-6.7731
NE+7.50	C301	1323	Psup	0.5727	-30.132	-2.3652	0.0346	0	0.0891	-6.0958
NE+7.50	C301	1323	Psup	0.8591	-30.132	-2.3652	0.0346	0	0.0792	-5.4185
NE+7.50	C301	1323	Psup	1.1455	-30.132	-2.3652	0.0346	0	0.0693	-4.7412
NE+7.50	C301	1323	Psup	1.4318	-30.132	-2.3652	0.0346	0	0.0594	-4.0638
NE+7.50	C301	1323	Psup	1.7182	-30.132	-2.3652	0.0346	0	0.0495	-3.3865
NE+7.50	C301	1323	Psup	2.0045	-30.132	-2.3652	0.0346	0	0.0396	-2.7092
NE+7.50	C301	1323	Psup	2.2909	-30.132	-2.3652	0.0346	0	0.0297	-2.0319
NE+7.50	C301	1323	Psup	2.5773	-30.132	-2.3652	0.0346	0	0.0198	-1.3546
NE+7.50	C301	1323	Psup	2.8636	-30.132	-2.3652	0.0346	0	0.0099	-0.6773
NE+7.50	C301	1323	Psup	3.15	-30.132	-2.3652	0.0346	0	0	0
NE+7.50	C301	1323	Viva.cub	0	-89.27	-6.48	0.11	0	0.3465	-20.412
NE+7.50	C301	1323	Viva.cub	0.2864	-89.27	-6.48	0.11	0	0.315	-18.5564
NE+7.50	C301	1323	Viva.cub	0.5727	-89.27	-6.48	0.11	0	0.2835	-16.7007
NE+7.50	C301	1323	Viva.cub	0.8591	-89.27	-6.48	0.11	0	0.252	-14.8451
NE+7.50	C301	1323	Viva.cub	1.1455	-89.27	-6.48	0.11	0	0.2205	-12.9895
NE+7.50	C301	1323	Viva.cub	1.4318	-89.27	-6.48	0.11	0	0.189	-11.1338
NE+7.50	C301	1323	Viva.cub	1.7182	-89.27	-6.48	0.11	0	0.1575	-9.2782
NE+7.50	C301	1323	Viva.cub	2.0045	-89.27	-6.48	0.11	0	0.126	-7.4225
NE+7.50	C301	1323	Viva.cub	2.2909	-89.27	-6.48	0.11	0	0.0945	-5.5669
NE+7.50	C301	1323	Viva.cub	2.5773	-89.27	-6.48	0.11	0	0.063	-3.7113
NE+7.50	C301	1323	Viva.cub	2.8636	-89.27	-6.48	0.11	0	0.0315	-1.8556
NE+7.50	C301	1323	Viva.cub	3.15	-89.27	-6.48	0.11	0	0	0
NE+7.50	C301	1323	DISX-COMB Max	0	0	50.5418	10.521	0	33.141	159.2068
NE+7.50	C301	1323	DISX-COMB Max	0.2864	0	50.5418	10.521	0	30.1282	144.7334
NE+7.50	C301	1323	DISX-COMB Max	0.5727	0	50.5418	10.521	0	27.1154	130.2601

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C301	1323	DISX-COMB Max	0.8591	0	50.5418	10.521	0	24.1025	115.7867
NE+7.50	C301	1323	DISX-COMB Max	1.1455	0	50.5418	10.521	0	21.0897	101.3134
NE+7.50	C301	1323	DISX-COMB Max	1.4318	0	50.5418	10.521	0	18.0769	86.8401
NE+7.50	C301	1323	DISX-COMB Max	1.7182	0	50.5418	10.521	0	15.0641	72.3667
NE+7.50	C301	1323	DISX-COMB Max	2.0045	0	50.5418	10.521	0	12.0513	57.8934
NE+7.50	C301	1323	DISX-COMB Max	2.2909	0	50.5418	10.521	0	9.0385	43.42
NE+7.50	C301	1323	DISX-COMB Max	2.5773	0	50.5418	10.521	0	6.0256	28.9467
NE+7.50	C301	1323	DISX-COMB Max	2.8636	0	50.5418	10.521	0	3.0128	14.4733
NE+7.50	C301	1323	DISX-COMB Max	3.15	0	50.5418	10.521	0	0	0
NE+7.50	C301	1323	DISY-COMB Max	0	0	9.2476	26.7289	0	84.1961	29.13
NE+7.50	C301	1323	DISY-COMB Max	0.2864	0	9.2476	26.7289	0	76.5419	26.4818
NE+7.50	C301	1323	DISY-COMB Max	0.5727	0	9.2476	26.7289	0	68.8877	23.8336
NE+7.50	C301	1323	DISY-COMB Max	0.8591	0	9.2476	26.7289	0	61.2336	21.1855
NE+7.50	C301	1323	DISY-COMB Max	1.1455	0	9.2476	26.7289	0	53.5794	18.5373
NE+7.50	C301	1323	DISY-COMB Max	1.4318	0	9.2476	26.7289	0	45.9252	15.8891
NE+7.50	C301	1323	DISY-COMB Max	1.7182	0	9.2476	26.7289	0	38.271	13.2409
NE+7.50	C301	1323	DISY-COMB Max	2.0045	0	9.2476	26.7289	0	30.6168	10.5927
NE+7.50	C301	1323	DISY-COMB Max	2.2909	0	9.2476	26.7289	0	22.9626	7.9445
NE+7.50	C301	1323	DISY-COMB Max	2.5773	0	9.2476	26.7289	0	15.3084	5.2964
NE+7.50	C301	1323	DISY-COMB Max	2.8636	0	9.2476	26.7289	0	7.6542	2.6482
NE+7.50	C301	1323	DISY-COMB Max	3.15	0	9.2476	26.7289	0	0	0
NE+7.50	C301	1323	B241	0	-70.0182	-3.066	0.0448	0	0.1411	-9.6579
NE+7.50	C301	1323	B241	0.2864	-67.2038	-3.066	0.0448	0	0.1283	-8.7799
NE+7.50	C301	1323	B241	0.5727	-64.3894	-3.066	0.0448	0	0.1155	-7.9019
NE+7.50	C301	1323	B241	0.8591	-61.5751	-3.066	0.0448	0	0.1026	-7.0239
NE+7.50	C301	1323	B241	1.1455	-58.7607	-3.066	0.0448	0	0.0898	-6.1459
NE+7.50	C301	1323	B241	1.4318	-55.9463	-3.066	0.0448	0	0.077	-5.2679
NE+7.50	C301	1323	B241	1.7182	-53.1319	-3.066	0.0448	0	0.0641	-4.39
NE+7.50	C301	1323	B241	2.0045	-50.3175	-3.066	0.0448	0	0.0513	-3.512
NE+7.50	C301	1323	B241	2.2909	-47.5031	-3.066	0.0448	0	0.0385	-2.634
NE+7.50	C301	1323	B241	2.5773	-44.6888	-3.066	0.0448	0	0.0257	-1.756
NE+7.50	C301	1323	B241	2.8636	-41.8744	-3.066	0.0448	0	0.0128	-0.878
NE+7.50	C301	1323	B241	3.15	-39.06	-3.066	0.0448	0	0	0
NE+7.50	C301	1323	B242	0	-104.6506	-5.868	0.0934	0	0.2942	-18.4842
NE+7.50	C301	1323	B242	0.2864	-102.2383	-5.868	0.0934	0	0.2675	-16.8038
NE+7.50	C301	1323	B242	0.5727	-99.8259	-5.868	0.0934	0	0.2407	-15.1234
NE+7.50	C301	1323	B242	0.8591	-97.4136	-5.868	0.0934	0	0.214	-13.4431
NE+7.50	C301	1323	B242	1.1455	-95.0013	-5.868	0.0934	0	0.1872	-11.7627
NE+7.50	C301	1323	B242	1.4318	-92.589	-5.868	0.0934	0	0.1605	-10.0823
NE+7.50	C301	1323	B242	1.7182	-90.1766	-5.868	0.0934	0	0.1337	-8.4019
NE+7.50	C301	1323	B242	2.0045	-87.7643	-5.868	0.0934	0	0.107	-6.7215
NE+7.50	C301	1323	B242	2.2909	-85.352	-5.868	0.0934	0	0.0802	-5.0411
NE+7.50	C301	1323	B242	2.5773	-82.9397	-5.868	0.0934	0	0.0535	-3.3608
NE+7.50	C301	1323	B242	2.8636	-80.5273	-5.868	0.0934	0	0.0267	-1.6804
NE+7.50	C301	1323	B242	3.15	-78.115	-5.868	0.0934	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C302	1324	Pprop	0	-31.8427	0	0	0	0	0
NE+7.50	C302	1324	Pprop	0.3818	-28.9479	0	0	0	0	0
NE+7.50	C302	1324	Pprop	0.7636	-26.0531	0	0	0	0	0
NE+7.50	C302	1324	Pprop	1.1455	-23.1583	0	0	0	0	0
NE+7.50	C302	1324	Pprop	1.5273	-20.2635	0	0	0	0	0
NE+7.50	C302	1324	Pprop	1.9091	-17.3688	0	0	0	0	0
NE+7.50	C302	1324	Pprop	2.2909	-14.474	0	0	0	0	0
NE+7.50	C302	1324	Pprop	2.6727	-11.5792	0	0	0	0	0
NE+7.50	C302	1324	Pprop	3.0545	-8.6844	0	0	0	0	0
NE+7.50	C302	1324	Pprop	3.4364	-5.7896	0	0	0	0	0
NE+7.50	C302	1324	Pprop	3.8182	-2.8948	0	0	0	0	0
NE+7.50	C302	1324	Pprop	4.2	0	0	0	0	0	0
NE+7.50	C302	1324	Viva	0	0	0	0	0	0	0
NE+7.50	C302	1324	Viva	0.3818	0	0	0	0	0	0
NE+7.50	C302	1324	Viva	0.7636	0	0	0	0	0	0
NE+7.50	C302	1324	Viva	1.1455	0	0	0	0	0	0
NE+7.50	C302	1324	Viva	1.5273	0	0	0	0	0	0
NE+7.50	C302	1324	Viva	1.9091	0	0	0	0	0	0
NE+7.50	C302	1324	Viva	2.2909	0	0	0	0	0	0
NE+7.50	C302	1324	Viva	2.6727	0	0	0	0	0	0
NE+7.50	C302	1324	Viva	3.0545	0	0	0	0	0	0
NE+7.50	C302	1324	Viva	3.4364	0	0	0	0	0	0
NE+7.50	C302	1324	Viva	3.8182	0	0	0	0	0	0
NE+7.50	C302	1324	Viva	4.2	0	0	0	0	0	0
NE+7.50	C302	1324	Psup	0	-15.8652	0	0	0	0	0
NE+7.50	C302	1324	Psup	0.3818	-15.8652	0	0	0	0	0
NE+7.50	C302	1324	Psup	0.7636	-15.8652	0	0	0	0	0
NE+7.50	C302	1324	Psup	1.1455	-15.8652	0	0	0	0	0
NE+7.50	C302	1324	Psup	1.5273	-15.8652	0	0	0	0	0
NE+7.50	C302	1324	Psup	1.9091	-15.8652	0	0	0	0	0
NE+7.50	C302	1324	Psup	2.2909	-15.8652	0	0	0	0	0
NE+7.50	C302	1324	Psup	2.6727	-15.8652	0	0	0	0	0
NE+7.50	C302	1324	Psup	3.0545	-15.8652	0	0	0	0	0
NE+7.50	C302	1324	Psup	3.4364	-15.8652	0	0	0	0	0
NE+7.50	C302	1324	Psup	3.8182	-15.8652	0	0	0	0	0
NE+7.50	C302	1324	Psup	4.2	-15.8652	0	0	0	0	0
NE+7.50	C302	1324	Viva.cub	0	-32.38	0	0	0	0	0
NE+7.50	C302	1324	Viva.cub	0.3818	-32.38	0	0	0	0	0
NE+7.50	C302	1324	Viva.cub	0.7636	-32.38	0	0	0	0	0
NE+7.50	C302	1324	Viva.cub	1.1455	-32.38	0	0	0	0	0
NE+7.50	C302	1324	Viva.cub	1.5273	-32.38	0	0	0	0	0
NE+7.50	C302	1324	Viva.cub	1.9091	-32.38	0	0	0	0	0
NE+7.50	C302	1324	Viva.cub	2.2909	-32.38	0	0	0	0	0
NE+7.50	C302	1324	Viva.cub	2.6727	-32.38	0	0	0	0	0
NE+7.50	C302	1324	Viva.cub	3.0545	-32.38	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C302	1324	Viva.cub	3.4364	-32.38	0	0	0	0	0
NE+7.50	C302	1324	Viva.cub	3.8182	-32.38	0	0	0	0	0
NE+7.50	C302	1324	Viva.cub	4.2	-32.38	0	0	0	0	0
NE+7.50	C302	1324	DISX-COMB Max	0	0	74.8446	19.6376	0	82.4779	314.3472
NE+7.50	C302	1324	DISX-COMB Max	0.3818	0	74.8446	19.6376	0	74.9799	285.7702
NE+7.50	C302	1324	DISX-COMB Max	0.7636	0	74.8446	19.6376	0	67.4819	257.1932
NE+7.50	C302	1324	DISX-COMB Max	1.1455	0	74.8446	19.6376	0	59.9839	228.6161
NE+7.50	C302	1324	DISX-COMB Max	1.5273	0	74.8446	19.6376	0	52.4859	200.0391
NE+7.50	C302	1324	DISX-COMB Max	1.9091	0	74.8446	19.6376	0	44.9879	171.4621
NE+7.50	C302	1324	DISX-COMB Max	2.2909	0	74.8446	19.6376	0	37.4899	142.8851
NE+7.50	C302	1324	DISX-COMB Max	2.6727	0	74.8446	19.6376	0	29.9919	114.3081
NE+7.50	C302	1324	DISX-COMB Max	3.0545	0	74.8446	19.6376	0	22.494	85.7311
NE+7.50	C302	1324	DISX-COMB Max	3.4364	0	74.8446	19.6376	0	14.996	57.154
NE+7.50	C302	1324	DISX-COMB Max	3.8182	0	74.8446	19.6376	0	7.498	28.577
NE+7.50	C302	1324	DISX-COMB Max	4.2	0	74.8446	19.6376	0	0	0
NE+7.50	C302	1324	DISY-COMB Max	0	0	7.5835	83.3238	0	349.9601	31.8506
NE+7.50	C302	1324	DISY-COMB Max	0.3818	0	7.5835	83.3238	0	318.1455	28.9551
NE+7.50	C302	1324	DISY-COMB Max	0.7636	0	7.5835	83.3238	0	286.331	26.0596
NE+7.50	C302	1324	DISY-COMB Max	1.1455	0	7.5835	83.3238	0	254.5164	23.1641
NE+7.50	C302	1324	DISY-COMB Max	1.5273	0	7.5835	83.3238	0	222.7019	20.2686
NE+7.50	C302	1324	DISY-COMB Max	1.9091	0	7.5835	83.3238	0	190.8873	17.3731
NE+7.50	C302	1324	DISY-COMB Max	2.2909	0	7.5835	83.3238	0	159.0728	14.4775
NE+7.50	C302	1324	DISY-COMB Max	2.6727	0	7.5835	83.3238	0	127.2582	11.582
NE+7.50	C302	1324	DISY-COMB Max	3.0545	0	7.5835	83.3238	0	95.4437	8.6865
NE+7.50	C302	1324	DISY-COMB Max	3.4364	0	7.5835	83.3238	0	63.6291	5.791
NE+7.50	C302	1324	DISY-COMB Max	3.8182	0	7.5835	83.3238	0	31.8146	2.8955
NE+7.50	C302	1324	DISY-COMB Max	4.2	0	7.5835	83.3238	0	0	0
NE+7.50	C302	1324	B241	0	-61.8436	0	0	0	0	0
NE+7.50	C302	1324	B241	0.3818	-58.0911	0	0	0	0	0
NE+7.50	C302	1324	B241	0.7636	-54.3386	0	0	0	0	0
NE+7.50	C302	1324	B241	1.1455	-50.5861	0	0	0	0	0
NE+7.50	C302	1324	B241	1.5273	-46.8336	0	0	0	0	0
NE+7.50	C302	1324	B241	1.9091	-43.0811	0	0	0	0	0
NE+7.50	C302	1324	B241	2.2909	-39.3285	0	0	0	0	0
NE+7.50	C302	1324	B241	2.6727	-35.576	0	0	0	0	0
NE+7.50	C302	1324	B241	3.0545	-31.8235	0	0	0	0	0
NE+7.50	C302	1324	B241	3.4364	-28.071	0	0	0	0	0
NE+7.50	C302	1324	B241	3.8182	-24.3185	0	0	0	0	0
NE+7.50	C302	1324	B241	4.2	-20.566	0	0	0	0	0
NE+7.50	C302	1324	B242	0	-69.1988	0	0	0	0	0
NE+7.50	C302	1324	B242	0.3818	-65.9824	0	0	0	0	0
NE+7.50	C302	1324	B242	0.7636	-62.7659	0	0	0	0	0
NE+7.50	C302	1324	B242	1.1455	-59.5495	0	0	0	0	0
NE+7.50	C302	1324	B242	1.5273	-56.3331	0	0	0	0	0
NE+7.50	C302	1324	B242	1.9091	-53.1166	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C302	1324	B242	2.2909	-49.9002	0	0	0	0	0
NE+7.50	C302	1324	B242	2.6727	-46.6837	0	0	0	0	0
NE+7.50	C302	1324	B242	3.0545	-43.4673	0	0	0	0	0
NE+7.50	C302	1324	B242	3.4364	-40.2509	0	0	0	0	0
NE+7.50	C302	1324	B242	3.8182	-37.0344	0	0	0	0	0
NE+7.50	C302	1324	B242	4.2	-33.818	0	0	0	0	0
NE+7.50	C303	1325	Pprop	0	-23.882	0	0	0	0	0
NE+7.50	C303	1325	Pprop	0.2864	-21.7109	0	0	0	0	0
NE+7.50	C303	1325	Pprop	0.5727	-19.5399	0	0	0	0	0
NE+7.50	C303	1325	Pprop	0.8591	-17.3688	0	0	0	0	0
NE+7.50	C303	1325	Pprop	1.1455	-15.1977	0	0	0	0	0
NE+7.50	C303	1325	Pprop	1.4318	-13.0266	0	0	0	0	0
NE+7.50	C303	1325	Pprop	1.7182	-10.8555	0	0	0	0	0
NE+7.50	C303	1325	Pprop	2.0045	-8.6844	0	0	0	0	0
NE+7.50	C303	1325	Pprop	2.2909	-6.5133	0	0	0	0	0
NE+7.50	C303	1325	Pprop	2.5773	-4.3422	0	0	0	0	0
NE+7.50	C303	1325	Pprop	2.8636	-2.1711	0	0	0	0	0
NE+7.50	C303	1325	Pprop	3.15	0	0	0	0	0	0
NE+7.50	C303	1325	Viva	0	0	0	0	0	0	0
NE+7.50	C303	1325	Viva	0.2864	0	0	0	0	0	0
NE+7.50	C303	1325	Viva	0.5727	0	0	0	0	0	0
NE+7.50	C303	1325	Viva	0.8591	0	0	0	0	0	0
NE+7.50	C303	1325	Viva	1.1455	0	0	0	0	0	0
NE+7.50	C303	1325	Viva	1.4318	0	0	0	0	0	0
NE+7.50	C303	1325	Viva	1.7182	0	0	0	0	0	0
NE+7.50	C303	1325	Viva	2.0045	0	0	0	0	0	0
NE+7.50	C303	1325	Viva	2.2909	0	0	0	0	0	0
NE+7.50	C303	1325	Viva	2.5773	0	0	0	0	0	0
NE+7.50	C303	1325	Viva	2.8636	0	0	0	0	0	0
NE+7.50	C303	1325	Viva	3.15	0	0	0	0	0	0
NE+7.50	C303	1325	Psup	0	-29.808	0.8532	-0.0017	0	-0.0054	2.6876
NE+7.50	C303	1325	Psup	0.2864	-29.808	0.8532	-0.0017	0	-0.0049	2.4433
NE+7.50	C303	1325	Psup	0.5727	-29.808	0.8532	-0.0017	0	-0.0045	2.1989
NE+7.50	C303	1325	Psup	0.8591	-29.808	0.8532	-0.0017	0	-0.004	1.9546
NE+7.50	C303	1325	Psup	1.1455	-29.808	0.8532	-0.0017	0	-0.0035	1.7103
NE+7.50	C303	1325	Psup	1.4318	-29.808	0.8532	-0.0017	0	-0.003	1.466
NE+7.50	C303	1325	Psup	1.7182	-29.808	0.8532	-0.0017	0	-0.0025	1.2216
NE+7.50	C303	1325	Psup	2.0045	-29.808	0.8532	-0.0017	0	-0.002	0.9773
NE+7.50	C303	1325	Psup	2.2909	-29.808	0.8532	-0.0017	0	-0.0015	0.733
NE+7.50	C303	1325	Psup	2.5773	-29.808	0.8532	-0.0017	0	-0.001	0.4887
NE+7.50	C303	1325	Psup	2.8636	-29.808	0.8532	-0.0017	0	-0.0005	0.2443
NE+7.50	C303	1325	Psup	3.15	-29.808	0.8532	-0.0017	0	0	0
NE+7.50	C303	1325	Viva.cub	0	-86.51	0.217	-0.0067	0	-0.0211	0.6836
NE+7.50	C303	1325	Viva.cub	0.2864	-86.51	0.217	-0.0067	0	-0.0192	0.6214
NE+7.50	C303	1325	Viva.cub	0.5727	-86.51	0.217	-0.0067	0	-0.0173	0.5593

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C303	1325	Viva.cub	0.8591	-86.51	0.217	-0.0067	0	-0.0153	0.4971
NE+7.50	C303	1325	Viva.cub	1.1455	-86.51	0.217	-0.0067	0	-0.0134	0.435
NE+7.50	C303	1325	Viva.cub	1.4318	-86.51	0.217	-0.0067	0	-0.0115	0.3728
NE+7.50	C303	1325	Viva.cub	1.7182	-86.51	0.217	-0.0067	0	-0.0096	0.3107
NE+7.50	C303	1325	Viva.cub	2.0045	-86.51	0.217	-0.0067	0	-0.0077	0.2486
NE+7.50	C303	1325	Viva.cub	2.2909	-86.51	0.217	-0.0067	0	-0.0058	0.1864
NE+7.50	C303	1325	Viva.cub	2.5773	-86.51	0.217	-0.0067	0	-0.0038	0.1243
NE+7.50	C303	1325	Viva.cub	2.8636	-86.51	0.217	-0.0067	0	-0.0019	0.0621
NE+7.50	C303	1325	Viva.cub	3.15	-86.51	0.217	-0.0067	0	0	0
NE+7.50	C303	1325	DISX-COMB Max	0	0	44.1151	7.6525	0	24.1055	138.9627
NE+7.50	C303	1325	DISX-COMB Max	0.2864	0	44.1151	7.6525	0	21.9141	126.3297
NE+7.50	C303	1325	DISX-COMB Max	0.5727	0	44.1151	7.6525	0	19.7227	113.6967
NE+7.50	C303	1325	DISX-COMB Max	0.8591	0	44.1151	7.6525	0	17.5312	101.0638
NE+7.50	C303	1325	DISX-COMB Max	1.1455	0	44.1151	7.6525	0	15.3398	88.4308
NE+7.50	C303	1325	DISX-COMB Max	1.4318	0	44.1151	7.6525	0	13.1484	75.7978
NE+7.50	C303	1325	DISX-COMB Max	1.7182	0	44.1151	7.6525	0	10.957	63.1649
NE+7.50	C303	1325	DISX-COMB Max	2.0045	0	44.1151	7.6525	0	8.7656	50.5319
NE+7.50	C303	1325	DISX-COMB Max	2.2909	0	44.1151	7.6525	0	6.5742	37.8989
NE+7.50	C303	1325	DISX-COMB Max	2.5773	0	44.1151	7.6525	0	4.3828	25.2659
NE+7.50	C303	1325	DISX-COMB Max	2.8636	0	44.1151	7.6525	0	2.1914	12.633
NE+7.50	C303	1325	DISX-COMB Max	3.15	0	44.1151	7.6525	0	0	0
NE+7.50	C303	1325	DISY-COMB Max	0	0	7.6712	34.2847	0	107.9967	24.1644
NE+7.50	C303	1325	DISY-COMB Max	0.2864	0	7.6712	34.2847	0	98.1788	21.9676
NE+7.50	C303	1325	DISY-COMB Max	0.5727	0	7.6712	34.2847	0	88.361	19.7709
NE+7.50	C303	1325	DISY-COMB Max	0.8591	0	7.6712	34.2847	0	78.5431	17.5741
NE+7.50	C303	1325	DISY-COMB Max	1.1455	0	7.6712	34.2847	0	68.7252	15.3773
NE+7.50	C303	1325	DISY-COMB Max	1.4318	0	7.6712	34.2847	0	58.9073	13.1806
NE+7.50	C303	1325	DISY-COMB Max	1.7182	0	7.6712	34.2847	0	49.0894	10.9838
NE+7.50	C303	1325	DISY-COMB Max	2.0045	0	7.6712	34.2847	0	39.2715	8.7871
NE+7.50	C303	1325	DISY-COMB Max	2.2909	0	7.6712	34.2847	0	29.4537	6.5903
NE+7.50	C303	1325	DISY-COMB Max	2.5773	0	7.6712	34.2847	0	19.6358	4.3935
NE+7.50	C303	1325	DISY-COMB Max	2.8636	0	7.6712	34.2847	0	9.8179	2.1968
NE+7.50	C303	1325	DISY-COMB Max	3.15	0	7.6712	34.2847	0	0	0
NE+7.50	C303	1325	B241	0	-69.5982	1.106	-0.0022	0	-0.0071	3.4839
NE+7.50	C303	1325	B241	0.2864	-66.7838	1.106	-0.0022	0	-0.0064	3.1672
NE+7.50	C303	1325	B241	0.5727	-63.9694	1.106	-0.0022	0	-0.0058	2.8505
NE+7.50	C303	1325	B241	0.8591	-61.1551	1.106	-0.0022	0	-0.0051	2.5337
NE+7.50	C303	1325	B241	1.1455	-58.3407	1.106	-0.0022	0	-0.0045	2.217
NE+7.50	C303	1325	B241	1.4318	-55.5263	1.106	-0.0022	0	-0.0038	1.9003
NE+7.50	C303	1325	B241	1.7182	-52.7119	1.106	-0.0022	0	-0.0032	1.5836
NE+7.50	C303	1325	B241	2.0045	-49.8975	1.106	-0.0022	0	-0.0026	1.2669
NE+7.50	C303	1325	B241	2.2909	-47.0831	1.106	-0.0022	0	-0.0019	0.9502
NE+7.50	C303	1325	B241	2.5773	-44.2688	1.106	-0.0022	0	-0.0013	0.6334
NE+7.50	C303	1325	B241	2.8636	-41.4544	1.106	-0.0022	0	-0.0006	0.3167
NE+7.50	C303	1325	B241	3.15	-38.64	1.106	-0.0022	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C303	1325	B242	0	-102.9106	1.0565	-0.0053	0	-0.0166	3.328
NE+7.50	C303	1325	B242	0.2864	-100.4983	1.0565	-0.0053	0	-0.0151	3.0254
NE+7.50	C303	1325	B242	0.5727	-98.0859	1.0565	-0.0053	0	-0.0136	2.7229
NE+7.50	C303	1325	B242	0.8591	-95.6736	1.0565	-0.0053	0	-0.0121	2.4203
NE+7.50	C303	1325	B242	1.1455	-93.2613	1.0565	-0.0053	0	-0.0106	2.1178
NE+7.50	C303	1325	B242	1.4318	-90.849	1.0565	-0.0053	0	-0.0091	1.8153
NE+7.50	C303	1325	B242	1.7182	-88.4366	1.0565	-0.0053	0	-0.0075	1.5127
NE+7.50	C303	1325	B242	2.0045	-86.0243	1.0565	-0.0053	0	-0.006	1.2102
NE+7.50	C303	1325	B242	2.2909	-83.612	1.0565	-0.0053	0	-0.0045	0.9076
NE+7.50	C303	1325	B242	2.5773	-81.1997	1.0565	-0.0053	0	-0.003	0.6051
NE+7.50	C303	1325	B242	2.8636	-78.7873	1.0565	-0.0053	0	-0.0015	0.3025
NE+7.50	C303	1325	B242	3.15	-76.375	1.0565	-0.0053	0	0	0
NE+7.50	C304	1326	Pprop	0	-31.8427	0	0	0	0	0
NE+7.50	C304	1326	Pprop	0.3818	-28.9479	0	0	0	0	0
NE+7.50	C304	1326	Pprop	0.7636	-26.0531	0	0	0	0	0
NE+7.50	C304	1326	Pprop	1.1455	-23.1583	0	0	0	0	0
NE+7.50	C304	1326	Pprop	1.5273	-20.2635	0	0	0	0	0
NE+7.50	C304	1326	Pprop	1.9091	-17.3688	0	0	0	0	0
NE+7.50	C304	1326	Pprop	2.2909	-14.474	0	0	0	0	0
NE+7.50	C304	1326	Pprop	2.6727	-11.5792	0	0	0	0	0
NE+7.50	C304	1326	Pprop	3.0545	-8.6844	0	0	0	0	0
NE+7.50	C304	1326	Pprop	3.4364	-5.7896	0	0	0	0	0
NE+7.50	C304	1326	Pprop	3.8182	-2.8948	0	0	0	0	0
NE+7.50	C304	1326	Pprop	4.2	0	0	0	0	0	0
NE+7.50	C304	1326	Viva	0	0	0	0	0	0	0
NE+7.50	C304	1326	Viva	0.3818	0	0	0	0	0	0
NE+7.50	C304	1326	Viva	0.7636	0	0	0	0	0	0
NE+7.50	C304	1326	Viva	1.1455	0	0	0	0	0	0
NE+7.50	C304	1326	Viva	1.5273	0	0	0	0	0	0
NE+7.50	C304	1326	Viva	1.9091	0	0	0	0	0	0
NE+7.50	C304	1326	Viva	2.2909	0	0	0	0	0	0
NE+7.50	C304	1326	Viva	2.6727	0	0	0	0	0	0
NE+7.50	C304	1326	Viva	3.0545	0	0	0	0	0	0
NE+7.50	C304	1326	Viva	3.4364	0	0	0	0	0	0
NE+7.50	C304	1326	Viva	3.8182	0	0	0	0	0	0
NE+7.50	C304	1326	Viva	4.2	0	0	0	0	0	0
NE+7.50	C304	1326	Psup	0	-16.038	0	0	0	0	0
NE+7.50	C304	1326	Psup	0.3818	-16.038	0	0	0	0	0
NE+7.50	C304	1326	Psup	0.7636	-16.038	0	0	0	0	0
NE+7.50	C304	1326	Psup	1.1455	-16.038	0	0	0	0	0
NE+7.50	C304	1326	Psup	1.5273	-16.038	0	0	0	0	0
NE+7.50	C304	1326	Psup	1.9091	-16.038	0	0	0	0	0
NE+7.50	C304	1326	Psup	2.2909	-16.038	0	0	0	0	0
NE+7.50	C304	1326	Psup	2.6727	-16.038	0	0	0	0	0
NE+7.50	C304	1326	Psup	3.0545	-16.038	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C304	1326	Psup	3.4364	-16.038	0	0	0	0	0
NE+7.50	C304	1326	Psup	3.8182	-16.038	0	0	0	0	0
NE+7.50	C304	1326	Psup	4.2	-16.038	0	0	0	0	0
NE+7.50	C304	1326	Viva.cub	0	-33.04	0	0	0	0	0
NE+7.50	C304	1326	Viva.cub	0.3818	-33.04	0	0	0	0	0
NE+7.50	C304	1326	Viva.cub	0.7636	-33.04	0	0	0	0	0
NE+7.50	C304	1326	Viva.cub	1.1455	-33.04	0	0	0	0	0
NE+7.50	C304	1326	Viva.cub	1.5273	-33.04	0	0	0	0	0
NE+7.50	C304	1326	Viva.cub	1.9091	-33.04	0	0	0	0	0
NE+7.50	C304	1326	Viva.cub	2.2909	-33.04	0	0	0	0	0
NE+7.50	C304	1326	Viva.cub	2.6727	-33.04	0	0	0	0	0
NE+7.50	C304	1326	Viva.cub	3.0545	-33.04	0	0	0	0	0
NE+7.50	C304	1326	Viva.cub	3.4364	-33.04	0	0	0	0	0
NE+7.50	C304	1326	Viva.cub	3.8182	-33.04	0	0	0	0	0
NE+7.50	C304	1326	Viva.cub	4.2	-33.04	0	0	0	0	0
NE+7.50	C304	1326	DISX-COMB Max	0	0	97.8778	29.0508	0	122.0132	411.0869
NE+7.50	C304	1326	DISX-COMB Max	0.3818	0	97.8778	29.0508	0	110.9211	373.7154
NE+7.50	C304	1326	DISX-COMB Max	0.7636	0	97.8778	29.0508	0	99.829	336.3438
NE+7.50	C304	1326	DISX-COMB Max	1.1455	0	97.8778	29.0508	0	88.7369	298.9723
NE+7.50	C304	1326	DISX-COMB Max	1.5273	0	97.8778	29.0508	0	77.6448	261.6008
NE+7.50	C304	1326	DISX-COMB Max	1.9091	0	97.8778	29.0508	0	66.5527	224.2292
NE+7.50	C304	1326	DISX-COMB Max	2.2909	0	97.8778	29.0508	0	55.4606	186.8577
NE+7.50	C304	1326	DISX-COMB Max	2.6727	0	97.8778	29.0508	0	44.3684	149.4862
NE+7.50	C304	1326	DISX-COMB Max	3.0545	0	97.8778	29.0508	0	33.2763	112.1146
NE+7.50	C304	1326	DISX-COMB Max	3.4364	0	97.8778	29.0508	0	22.1842	74.7431
NE+7.50	C304	1326	DISX-COMB Max	3.8182	0	97.8778	29.0508	0	11.0921	37.3715
NE+7.50	C304	1326	DISX-COMB Max	4.2	0	97.8778	29.0508	0	0	0
NE+7.50	C304	1326	DISY-COMB Max	0	0	13.8437	92.0862	0	386.7622	58.1437
NE+7.50	C304	1326	DISY-COMB Max	0.3818	0	13.8437	92.0862	0	351.602	52.8579
NE+7.50	C304	1326	DISY-COMB Max	0.7636	0	13.8437	92.0862	0	316.4418	47.5722
NE+7.50	C304	1326	DISY-COMB Max	1.1455	0	13.8437	92.0862	0	281.2816	42.2864
NE+7.50	C304	1326	DISY-COMB Max	1.5273	0	13.8437	92.0862	0	246.1214	37.0006
NE+7.50	C304	1326	DISY-COMB Max	1.9091	0	13.8437	92.0862	0	210.9612	31.7148
NE+7.50	C304	1326	DISY-COMB Max	2.2909	0	13.8437	92.0862	0	175.801	26.429
NE+7.50	C304	1326	DISY-COMB Max	2.6727	0	13.8437	92.0862	0	140.6408	21.1432
NE+7.50	C304	1326	DISY-COMB Max	3.0545	0	13.8437	92.0862	0	105.4806	15.8574
NE+7.50	C304	1326	DISY-COMB Max	3.4364	0	13.8437	92.0862	0	70.3204	10.5716
NE+7.50	C304	1326	DISY-COMB Max	3.8182	0	13.8437	92.0862	0	35.1602	5.2858
NE+7.50	C304	1326	DISY-COMB Max	4.2	0	13.8437	92.0862	0	0	0
NE+7.50	C304	1326	B241	0	-62.0676	0	0	0	0	0
NE+7.50	C304	1326	B241	0.3818	-58.3151	0	0	0	0	0
NE+7.50	C304	1326	B241	0.7636	-54.5626	0	0	0	0	0
NE+7.50	C304	1326	B241	1.1455	-50.8101	0	0	0	0	0
NE+7.50	C304	1326	B241	1.5273	-47.0576	0	0	0	0	0
NE+7.50	C304	1326	B241	1.9091	-43.3051	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C304	1326	B241	2.2909	-39.5525	0	0	0	0	0
NE+7.50	C304	1326	B241	2.6727	-35.8	0	0	0	0	0
NE+7.50	C304	1326	B241	3.0545	-32.0475	0	0	0	0	0
NE+7.50	C304	1326	B241	3.4364	-28.295	0	0	0	0	0
NE+7.50	C304	1326	B241	3.8182	-24.5425	0	0	0	0	0
NE+7.50	C304	1326	B241	4.2	-20.79	0	0	0	0	0
NE+7.50	C304	1326	B242	0	-69.7208	0	0	0	0	0
NE+7.50	C304	1326	B242	0.3818	-66.5044	0	0	0	0	0
NE+7.50	C304	1326	B242	0.7636	-63.2879	0	0	0	0	0
NE+7.50	C304	1326	B242	1.1455	-60.0715	0	0	0	0	0
NE+7.50	C304	1326	B242	1.5273	-56.8551	0	0	0	0	0
NE+7.50	C304	1326	B242	1.9091	-53.6386	0	0	0	0	0
NE+7.50	C304	1326	B242	2.2909	-50.4222	0	0	0	0	0
NE+7.50	C304	1326	B242	2.6727	-47.2057	0	0	0	0	0
NE+7.50	C304	1326	B242	3.0545	-43.9893	0	0	0	0	0
NE+7.50	C304	1326	B242	3.4364	-40.7729	0	0	0	0	0
NE+7.50	C304	1326	B242	3.8182	-37.5564	0	0	0	0	0
NE+7.50	C304	1326	B242	4.2	-34.34	0	0	0	0	0
NE+7.50	C305	1327	Pprop	0	-23.882	0	0	0	0	0
NE+7.50	C305	1327	Pprop	0.2864	-21.7109	0	0	0	0	0
NE+7.50	C305	1327	Pprop	0.5727	-19.5399	0	0	0	0	0
NE+7.50	C305	1327	Pprop	0.8591	-17.3688	0	0	0	0	0
NE+7.50	C305	1327	Pprop	1.1455	-15.1977	0	0	0	0	0
NE+7.50	C305	1327	Pprop	1.4318	-13.0266	0	0	0	0	0
NE+7.50	C305	1327	Pprop	1.7182	-10.8555	0	0	0	0	0
NE+7.50	C305	1327	Pprop	2.0045	-8.6844	0	0	0	0	0
NE+7.50	C305	1327	Pprop	2.2909	-6.5133	0	0	0	0	0
NE+7.50	C305	1327	Pprop	2.5773	-4.3422	0	0	0	0	0
NE+7.50	C305	1327	Pprop	2.8636	-2.1711	0	0	0	0	0
NE+7.50	C305	1327	Pprop	3.15	0	0	0	0	0	0
NE+7.50	C305	1327	Viva	0	0	0	0	0	0	0
NE+7.50	C305	1327	Viva	0.2864	0	0	0	0	0	0
NE+7.50	C305	1327	Viva	0.5727	0	0	0	0	0	0
NE+7.50	C305	1327	Viva	0.8591	0	0	0	0	0	0
NE+7.50	C305	1327	Viva	1.1455	0	0	0	0	0	0
NE+7.50	C305	1327	Viva	1.4318	0	0	0	0	0	0
NE+7.50	C305	1327	Viva	1.7182	0	0	0	0	0	0
NE+7.50	C305	1327	Viva	2.0045	0	0	0	0	0	0
NE+7.50	C305	1327	Viva	2.2909	0	0	0	0	0	0
NE+7.50	C305	1327	Viva	2.5773	0	0	0	0	0	0
NE+7.50	C305	1327	Viva	2.8636	0	0	0	0	0	0
NE+7.50	C305	1327	Viva	3.15	0	0	0	0	0	0
NE+7.50	C305	1327	Psup	0	-27.7236	-0.6696	-0.0039	0	-0.0122	-2.1092
NE+7.50	C305	1327	Psup	0.2864	-27.7236	-0.6696	-0.0039	0	-0.0111	-1.9175
NE+7.50	C305	1327	Psup	0.5727	-27.7236	-0.6696	-0.0039	0	-0.01	-1.7257

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C305	1327	Psup	0.8591	-27.7236	-0.6696	-0.0039	0	-0.0089	-1.534
NE+7.50	C305	1327	Psup	1.1455	-27.7236	-0.6696	-0.0039	0	-0.0078	-1.3422
NE+7.50	C305	1327	Psup	1.4318	-27.7236	-0.6696	-0.0039	0	-0.0067	-1.1505
NE+7.50	C305	1327	Psup	1.7182	-27.7236	-0.6696	-0.0039	0	-0.0056	-0.9587
NE+7.50	C305	1327	Psup	2.0045	-27.7236	-0.6696	-0.0039	0	-0.0045	-0.767
NE+7.50	C305	1327	Psup	2.2909	-27.7236	-0.6696	-0.0039	0	-0.0033	-0.5752
NE+7.50	C305	1327	Psup	2.5773	-27.7236	-0.6696	-0.0039	0	-0.0022	-0.3835
NE+7.50	C305	1327	Psup	2.8636	-27.7236	-0.6696	-0.0039	0	-0.0011	-0.1917
NE+7.50	C305	1327	Psup	3.15	-27.7236	-0.6696	-0.0039	0	0	0
NE+7.50	C305	1327	Viva.cub	0	-86.8	-0.64	-0.011	0	-0.0347	-2.016
NE+7.50	C305	1327	Viva.cub	0.2864	-86.8	-0.64	-0.011	0	-0.0315	-1.8327
NE+7.50	C305	1327	Viva.cub	0.5727	-86.8	-0.64	-0.011	0	-0.0284	-1.6495
NE+7.50	C305	1327	Viva.cub	0.8591	-86.8	-0.64	-0.011	0	-0.0252	-1.4662
NE+7.50	C305	1327	Viva.cub	1.1455	-86.8	-0.64	-0.011	0	-0.0221	-1.2829
NE+7.50	C305	1327	Viva.cub	1.4318	-86.8	-0.64	-0.011	0	-0.0189	-1.0996
NE+7.50	C305	1327	Viva.cub	1.7182	-86.8	-0.64	-0.011	0	-0.0158	-0.9164
NE+7.50	C305	1327	Viva.cub	2.0045	-86.8	-0.64	-0.011	0	-0.0126	-0.7331
NE+7.50	C305	1327	Viva.cub	2.2909	-86.8	-0.64	-0.011	0	-0.0095	-0.5498
NE+7.50	C305	1327	Viva.cub	2.5773	-86.8	-0.64	-0.011	0	-0.0063	-0.3665
NE+7.50	C305	1327	Viva.cub	2.8636	-86.8	-0.64	-0.011	0	-0.0032	-0.1833
NE+7.50	C305	1327	Viva.cub	3.15	-86.8	-0.64	-0.011	0	0	0
NE+7.50	C305	1327	DISX-COMB Max	0	0	47.7672	11.2007	0	35.2822	150.4668
NE+7.50	C305	1327	DISX-COMB Max	0.2864	0	47.7672	11.2007	0	32.0747	136.788
NE+7.50	C305	1327	DISX-COMB Max	0.5727	0	47.7672	11.2007	0	28.8672	123.1092
NE+7.50	C305	1327	DISX-COMB Max	0.8591	0	47.7672	11.2007	0	25.6598	109.4304
NE+7.50	C305	1327	DISX-COMB Max	1.1455	0	47.7672	11.2007	0	22.4523	95.7516
NE+7.50	C305	1327	DISX-COMB Max	1.4318	0	47.7672	11.2007	0	19.2448	82.0728
NE+7.50	C305	1327	DISX-COMB Max	1.7182	0	47.7672	11.2007	0	16.0373	68.394
NE+7.50	C305	1327	DISX-COMB Max	2.0045	0	47.7672	11.2007	0	12.8299	54.7152
NE+7.50	C305	1327	DISX-COMB Max	2.2909	0	47.7672	11.2007	0	9.6224	41.0364
NE+7.50	C305	1327	DISX-COMB Max	2.5773	0	47.7672	11.2007	0	6.4149	27.3576
NE+7.50	C305	1327	DISX-COMB Max	2.8636	0	47.7672	11.2007	0	3.2075	13.6788
NE+7.50	C305	1327	DISX-COMB Max	3.15	0	47.7672	11.2007	0	0	0
NE+7.50	C305	1327	DISY-COMB Max	0	0	6.4055	37.0426	0	116.6843	20.1775
NE+7.50	C305	1327	DISY-COMB Max	0.2864	0	6.4055	37.0426	0	106.0766	18.3432
NE+7.50	C305	1327	DISY-COMB Max	0.5727	0	6.4055	37.0426	0	95.4689	16.5088
NE+7.50	C305	1327	DISY-COMB Max	0.8591	0	6.4055	37.0426	0	84.8613	14.6745
NE+7.50	C305	1327	DISY-COMB Max	1.1455	0	6.4055	37.0426	0	74.2536	12.8402
NE+7.50	C305	1327	DISY-COMB Max	1.4318	0	6.4055	37.0426	0	63.646	11.0059
NE+7.50	C305	1327	DISY-COMB Max	1.7182	0	6.4055	37.0426	0	53.0383	9.1716
NE+7.50	C305	1327	DISY-COMB Max	2.0045	0	6.4055	37.0426	0	42.4306	7.3373
NE+7.50	C305	1327	DISY-COMB Max	2.2909	0	6.4055	37.0426	0	31.823	5.5029
NE+7.50	C305	1327	DISY-COMB Max	2.5773	0	6.4055	37.0426	0	21.2153	3.6686
NE+7.50	C305	1327	DISY-COMB Max	2.8636	0	6.4055	37.0426	0	10.6077	1.8343
NE+7.50	C305	1327	DISY-COMB Max	3.15	0	6.4055	37.0426	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C305	1327	B241	0	-66.8962	-0.868	-0.005	0	-0.0159	-2.7342
NE+7.50	C305	1327	B241	0.2864	-64.0818	-0.868	-0.005	0	-0.0144	-2.4856
NE+7.50	C305	1327	B241	0.5727	-61.2674	-0.868	-0.005	0	-0.013	-2.2371
NE+7.50	C305	1327	B241	0.8591	-58.4531	-0.868	-0.005	0	-0.0115	-1.9885
NE+7.50	C305	1327	B241	1.1455	-55.6387	-0.868	-0.005	0	-0.0101	-1.7399
NE+7.50	C305	1327	B241	1.4318	-52.8243	-0.868	-0.005	0	-0.0087	-1.4914
NE+7.50	C305	1327	B241	1.7182	-50.0099	-0.868	-0.005	0	-0.0072	-1.2428
NE+7.50	C305	1327	B241	2.0045	-47.1955	-0.868	-0.005	0	-0.0058	-0.9943
NE+7.50	C305	1327	B241	2.2909	-44.3811	-0.868	-0.005	0	-0.0043	-0.7457
NE+7.50	C305	1327	B241	2.5773	-41.5668	-0.868	-0.005	0	-0.0029	-0.4971
NE+7.50	C305	1327	B241	2.8636	-38.7524	-0.868	-0.005	0	-0.0014	-0.2486
NE+7.50	C305	1327	B241	3.15	-35.938	-0.868	-0.005	0	0	0
NE+7.50	C305	1327	B242	0	-100.7396	-1.064	-0.0098	0	-0.0309	-3.3516
NE+7.50	C305	1327	B242	0.2864	-98.3273	-1.064	-0.0098	0	-0.0281	-3.0469
NE+7.50	C305	1327	B242	0.5727	-95.9149	-1.064	-0.0098	0	-0.0253	-2.7422
NE+7.50	C305	1327	B242	0.8591	-93.5026	-1.064	-0.0098	0	-0.0225	-2.4375
NE+7.50	C305	1327	B242	1.1455	-91.0903	-1.064	-0.0098	0	-0.0197	-2.1328
NE+7.50	C305	1327	B242	1.4318	-88.678	-1.064	-0.0098	0	-0.0169	-1.8281
NE+7.50	C305	1327	B242	1.7182	-86.2656	-1.064	-0.0098	0	-0.0141	-1.5235
NE+7.50	C305	1327	B242	2.0045	-83.8533	-1.064	-0.0098	0	-0.0112	-1.2188
NE+7.50	C305	1327	B242	2.2909	-81.441	-1.064	-0.0098	0	-0.0084	-0.9141
NE+7.50	C305	1327	B242	2.5773	-79.0287	-1.064	-0.0098	0	-0.0056	-0.6094
NE+7.50	C305	1327	B242	2.8636	-76.6163	-1.064	-0.0098	0	-0.0028	-0.3047
NE+7.50	C305	1327	B242	3.15	-74.204	-1.064	-0.0098	0	0	0
NE+5.00	C24	244	Pprop	0	-23.882	0	0	0	0	0
NE+5.00	C24	244	Pprop	0.0591	-23.434	0	0	0	0	0
NE+5.00	C24	244	Pprop	0.1182	-22.986	0	0	0	0	0
NE+5.00	C24	244	Pprop	0.1773	-22.538	0	0	0	0	0
NE+5.00	C24	244	Pprop	0.2364	-22.09	0	0	0	0	0
NE+5.00	C24	244	Pprop	0.2955	-21.642	0	0	0	0	0
NE+5.00	C24	244	Pprop	0.3545	-21.194	0	0	0	0	0
NE+5.00	C24	244	Pprop	0.4136	-20.746	0	0	0	0	0
NE+5.00	C24	244	Pprop	0.4727	-20.298	0	0	0	0	0
NE+5.00	C24	244	Pprop	0.5318	-19.85	0	0	0	0	0
NE+5.00	C24	244	Pprop	0.5909	-19.402	0	0	0	0	0
NE+5.00	C24	244	Pprop	0.65	-18.954	0	0	0	0	0
NE+5.00	C24	244	Viva	0	0	0	0	0	0	0
NE+5.00	C24	244	Viva	0.0591	0	0	0	0	0	0
NE+5.00	C24	244	Viva	0.1182	0	0	0	0	0	0
NE+5.00	C24	244	Viva	0.1773	0	0	0	0	0	0
NE+5.00	C24	244	Viva	0.2364	0	0	0	0	0	0
NE+5.00	C24	244	Viva	0.2955	0	0	0	0	0	0
NE+5.00	C24	244	Viva	0.3545	0	0	0	0	0	0
NE+5.00	C24	244	Viva	0.4136	0	0	0	0	0	0
NE+5.00	C24	244	Viva	0.4727	0	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C24	244	Viva	0.5318	0	0	0	0	0	0
NE+5.00	C24	244	Viva	0.5909	0	0	0	0	0	0
NE+5.00	C24	244	Viva	0.65	0	0	0	0	0	0
NE+5.00	C24	244	Psup	0	-81.7344	2.7929	-1.9006	0	8.2044	-2.1428
NE+5.00	C24	244	Psup	0.0591	-81.7344	2.7929	-1.9006	0	8.3167	-2.3079
NE+5.00	C24	244	Psup	0.1182	-81.7344	2.7929	-1.9006	0	8.429	-2.4729
NE+5.00	C24	244	Psup	0.1773	-81.7344	2.7929	-1.9006	0	8.5413	-2.6379
NE+5.00	C24	244	Psup	0.2364	-81.7344	2.7929	-1.9006	0	8.6536	-2.803
NE+5.00	C24	244	Psup	0.2955	-81.7344	2.7929	-1.9006	0	8.7659	-2.968
NE+5.00	C24	244	Psup	0.3545	-81.7344	2.7929	-1.9006	0	8.8782	-3.133
NE+5.00	C24	244	Psup	0.4136	-81.7344	2.7929	-1.9006	0	8.9905	-3.2981
NE+5.00	C24	244	Psup	0.4727	-81.7344	2.7929	-1.9006	0	9.1028	-3.4631
NE+5.00	C24	244	Psup	0.5318	-81.7344	2.7929	-1.9006	0	9.2151	-3.6281
NE+5.00	C24	244	Psup	0.5909	-81.7344	2.7929	-1.9006	0	9.3274	-3.7932
NE+5.00	C24	244	Psup	0.65	-81.7344	2.7929	-1.9006	0	9.4397	-3.9582
NE+5.00	C24	244	Viva.cub	0	-87.1	0.0476	0.0002	0	0.0006	0.1499
NE+5.00	C24	244	Viva.cub	0.0591	-87.1	0.0476	0.0002	0	0.0006	0.1471
NE+5.00	C24	244	Viva.cub	0.1182	-87.1	0.0476	0.0002	0	0.0006	0.1443
NE+5.00	C24	244	Viva.cub	0.1773	-87.1	0.0476	0.0002	0	0.0006	0.1415
NE+5.00	C24	244	Viva.cub	0.2364	-87.1	0.0476	0.0002	0	0.0006	0.1387
NE+5.00	C24	244	Viva.cub	0.2955	-87.1	0.0476	0.0002	0	0.0006	0.1359
NE+5.00	C24	244	Viva.cub	0.3545	-87.1	0.0476	0.0002	0	0.0006	0.1331
NE+5.00	C24	244	Viva.cub	0.4136	-87.1	0.0476	0.0002	0	0.0005	0.1303
NE+5.00	C24	244	Viva.cub	0.4727	-87.1	0.0476	0.0002	0	0.0005	0.1274
NE+5.00	C24	244	Viva.cub	0.5318	-87.1	0.0476	0.0002	0	0.0005	0.1246
NE+5.00	C24	244	Viva.cub	0.5909	-87.1	0.0476	0.0002	0	0.0005	0.1218
NE+5.00	C24	244	Viva.cub	0.65	-87.1	0.0476	0.0002	0	0.0005	0.119
NE+5.00	C24	244	DISX-COMB Max	0	0	79.8053	7.6877	0	14.2126	163.4605
NE+5.00	C24	244	DISX-COMB Max	0.0591	0	79.8053	7.6877	0	13.7585	158.7632
NE+5.00	C24	244	DISX-COMB Max	0.1182	0	79.8053	7.6877	0	13.3043	154.0671
NE+5.00	C24	244	DISX-COMB Max	0.1773	0	79.8053	7.6877	0	12.8502	149.3722
NE+5.00	C24	244	DISX-COMB Max	0.2364	0	79.8053	7.6877	0	12.3961	144.6786
NE+5.00	C24	244	DISX-COMB Max	0.2955	0	79.8053	7.6877	0	11.9421	139.9866
NE+5.00	C24	244	DISX-COMB Max	0.3545	0	79.8053	7.6877	0	11.488	135.2962
NE+5.00	C24	244	DISX-COMB Max	0.4136	0	79.8053	7.6877	0	11.034	130.6076
NE+5.00	C24	244	DISX-COMB Max	0.4727	0	79.8053	7.6877	0	10.5799	125.9211
NE+5.00	C24	244	DISX-COMB Max	0.5318	0	79.8053	7.6877	0	10.1259	121.2368
NE+5.00	C24	244	DISX-COMB Max	0.5909	0	79.8053	7.6877	0	9.672	116.5551
NE+5.00	C24	244	DISX-COMB Max	0.65	0	79.8053	7.6877	0	9.218	111.8762
NE+5.00	C24	244	DISY-COMB Max	0	0	14.062	61.1515	0	111.4433	29.1474
NE+5.00	C24	244	DISY-COMB Max	0.0591	0	14.062	61.1515	0	107.8299	28.3177
NE+5.00	C24	244	DISY-COMB Max	0.1182	0	14.062	61.1515	0	104.2164	27.4881
NE+5.00	C24	244	DISY-COMB Max	0.1773	0	14.062	61.1515	0	100.6029	26.6586
NE+5.00	C24	244	DISY-COMB Max	0.2364	0	14.062	61.1515	0	96.9895	25.8292
NE+5.00	C24	244	DISY-COMB Max	0.2955	0	14.062	61.1515	0	93.376	24.9999

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C24	244	DISY-COMB Max	0.3545	0	14.062	61.1515	0	89.7626	24.1707
NE+5.00	C24	244	DISY-COMB Max	0.4136	0	14.062	61.1515	0	86.1491	23.3416
NE+5.00	C24	244	DISY-COMB Max	0.4727	0	14.062	61.1515	0	82.5357	22.5127
NE+5.00	C24	244	DISY-COMB Max	0.5318	0	14.062	61.1515	0	78.9223	21.6839
NE+5.00	C24	244	DISY-COMB Max	0.5909	0	14.062	61.1515	0	75.3088	20.8553
NE+5.00	C24	244	DISY-COMB Max	0.65	0	14.062	61.1515	0	71.6954	20.0269
NE+5.00	C24	244	B241	0	-136.9102	3.6204	-2.4637	0	10.6353	-2.7777
NE+5.00	C24	244	B241	0.0591	-136.3295	3.6204	-2.4637	0	10.7809	-2.9917
NE+5.00	C24	244	B241	0.1182	-135.7487	3.6204	-2.4637	0	10.9264	-3.2056
NE+5.00	C24	244	B241	0.1773	-135.168	3.6204	-2.4637	0	11.072	-3.4195
NE+5.00	C24	244	B241	0.2364	-134.5872	3.6204	-2.4637	0	11.2176	-3.6335
NE+5.00	C24	244	B241	0.2955	-134.0065	3.6204	-2.4637	0	11.3632	-3.8474
NE+5.00	C24	244	B241	0.3545	-133.4257	3.6204	-2.4637	0	11.5088	-4.0613
NE+5.00	C24	244	B241	0.4136	-132.845	3.6204	-2.4637	0	11.6544	-4.2753
NE+5.00	C24	244	B241	0.4727	-132.2642	3.6204	-2.4637	0	11.7999	-4.4892
NE+5.00	C24	244	B241	0.5318	-131.6835	3.6204	-2.4637	0	11.9455	-4.7031
NE+5.00	C24	244	B241	0.5909	-131.1027	3.6204	-2.4637	0	12.0911	-4.9171
NE+5.00	C24	244	B241	0.65	-130.522	3.6204	-2.4637	0	12.2367	-5.131
NE+5.00	C24	244	B242	0	-160.9016	3.127	-2.1117	0	9.1163	-2.306
NE+5.00	C24	244	B242	0.0591	-160.4038	3.127	-2.1117	0	9.2411	-2.4907
NE+5.00	C24	244	B242	0.1182	-159.906	3.127	-2.1117	0	9.3658	-2.6755
NE+5.00	C24	244	B242	0.1773	-159.4083	3.127	-2.1117	0	9.4906	-2.8603
NE+5.00	C24	244	B242	0.2364	-158.9105	3.127	-2.1117	0	9.6154	-3.0451
NE+5.00	C24	244	B242	0.2955	-158.4127	3.127	-2.1117	0	9.7402	-3.2298
NE+5.00	C24	244	B242	0.3545	-157.9149	3.127	-2.1117	0	9.865	-3.4146
NE+5.00	C24	244	B242	0.4136	-157.4171	3.127	-2.1117	0	9.9897	-3.5994
NE+5.00	C24	244	B242	0.4727	-156.9193	3.127	-2.1117	0	10.1145	-3.7842
NE+5.00	C24	244	B242	0.5318	-156.4216	3.127	-2.1117	0	10.2393	-3.9689
NE+5.00	C24	244	B242	0.5909	-155.9238	3.127	-2.1117	0	10.3641	-4.1537
NE+5.00	C24	244	B242	0.65	-155.426	3.127	-2.1117	0	10.4889	-4.3385
NE+4.35	C17	246	Pprop	0	-58.4627	35.1318	21.5843	-1.0078	21.509	29.7735
NE+4.35	C17	246	Pprop	0.0545	-58.0492	35.1318	21.5843	-1.0078	20.3316	27.8572
NE+4.35	C17	246	Pprop	0.1091	-57.6356	35.1318	21.5843	-1.0078	19.1543	25.9409
NE+4.35	C17	246	Pprop	0.1636	-57.2221	35.1318	21.5843	-1.0078	17.977	24.0246
NE+4.35	C17	246	Pprop	0.2182	-56.8085	35.1318	21.5843	-1.0078	16.7997	22.1084
NE+4.35	C17	246	Pprop	0.2727	-56.395	35.1318	21.5843	-1.0078	15.6223	20.1921
NE+4.35	C17	246	Pprop	0.3273	-55.9815	35.1318	21.5843	-1.0078	14.445	18.2758
NE+4.35	C17	246	Pprop	0.3818	-55.5679	35.1318	21.5843	-1.0078	13.2677	16.3595
NE+4.35	C17	246	Pprop	0.4364	-55.1544	35.1318	21.5843	-1.0078	12.0903	14.4432
NE+4.35	C17	246	Pprop	0.4909	-54.7408	35.1318	21.5843	-1.0078	10.913	12.5269
NE+4.35	C17	246	Pprop	0.5455	-54.3273	35.1318	21.5843	-1.0078	9.7357	10.6107
NE+4.35	C17	246	Pprop	0.6	-53.9137	35.1318	21.5843	-1.0078	8.5584	8.6944
NE+4.35	C17	246	Viva	0	-57.1722	42.0958	17.06	-1.0114	27.1116	27.2198
NE+4.35	C17	246	Viva	0.0545	-57.1722	42.0958	17.06	-1.0114	26.1811	24.9237
NE+4.35	C17	246	Viva	0.1091	-57.1722	42.0958	17.06	-1.0114	25.2506	22.6276

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C17	246	Viva	0.1636	-57.1722	42.0958	17.06	-1.0114	24.32	20.3314
NE+4.35	C17	246	Viva	0.2182	-57.1722	42.0958	17.06	-1.0114	23.3895	18.0353
NE+4.35	C17	246	Viva	0.2727	-57.1722	42.0958	17.06	-1.0114	22.4589	15.7392
NE+4.35	C17	246	Viva	0.3273	-57.1722	42.0958	17.06	-1.0114	21.5284	13.443
NE+4.35	C17	246	Viva	0.3818	-57.1722	42.0958	17.06	-1.0114	20.5978	11.1469
NE+4.35	C17	246	Viva	0.4364	-57.1722	42.0958	17.06	-1.0114	19.6673	8.8507
NE+4.35	C17	246	Viva	0.4909	-57.1722	42.0958	17.06	-1.0114	18.7367	6.5546
NE+4.35	C17	246	Viva	0.5455	-57.1722	42.0958	17.06	-1.0114	17.8062	4.2585
NE+4.35	C17	246	Viva	0.6	-57.1722	42.0958	17.06	-1.0114	16.8757	1.9623
NE+4.35	C17	246	Psup	0	-89.0998	85.3759	43.77	-2.1697	52.7128	71.3024
NE+4.35	C17	246	Psup	0.0545	-89.0998	85.3759	43.77	-2.1697	50.3253	66.6456
NE+4.35	C17	246	Psup	0.1091	-89.0998	85.3759	43.77	-2.1697	47.9379	61.9887
NE+4.35	C17	246	Psup	0.1636	-89.0998	85.3759	43.77	-2.1697	45.5504	57.3318
NE+4.35	C17	246	Psup	0.2182	-89.0998	85.3759	43.77	-2.1697	43.1629	52.675
NE+4.35	C17	246	Psup	0.2727	-89.0998	85.3759	43.77	-2.1697	40.7755	48.0181
NE+4.35	C17	246	Psup	0.3273	-89.0998	85.3759	43.77	-2.1697	38.388	43.3612
NE+4.35	C17	246	Psup	0.3818	-89.0998	85.3759	43.77	-2.1697	36.0006	38.7044
NE+4.35	C17	246	Psup	0.4364	-89.0998	85.3759	43.77	-2.1697	33.6131	34.0475
NE+4.35	C17	246	Psup	0.4909	-89.0998	85.3759	43.77	-2.1697	31.2257	29.3906
NE+4.35	C17	246	Psup	0.5455	-89.0998	85.3759	43.77	-2.1697	28.8382	24.7338
NE+4.35	C17	246	Psup	0.6	-89.0998	85.3759	43.77	-2.1697	26.4508	20.0769
NE+4.35	C17	246	Viva.cub	0	-85.4727	-0.6106	-2.2748	-0.0676	-2.6039	0.1607
NE+4.35	C17	246	Viva.cub	0.0545	-85.4727	-0.6106	-2.2748	-0.0676	-2.4799	0.194
NE+4.35	C17	246	Viva.cub	0.1091	-85.4727	-0.6106	-2.2748	-0.0676	-2.3558	0.2273
NE+4.35	C17	246	Viva.cub	0.1636	-85.4727	-0.6106	-2.2748	-0.0676	-2.2317	0.2606
NE+4.35	C17	246	Viva.cub	0.2182	-85.4727	-0.6106	-2.2748	-0.0676	-2.1076	0.2939
NE+4.35	C17	246	Viva.cub	0.2727	-85.4727	-0.6106	-2.2748	-0.0676	-1.9835	0.3272
NE+4.35	C17	246	Viva.cub	0.3273	-85.4727	-0.6106	-2.2748	-0.0676	-1.8595	0.3605
NE+4.35	C17	246	Viva.cub	0.3818	-85.4727	-0.6106	-2.2748	-0.0676	-1.7354	0.3939
NE+4.35	C17	246	Viva.cub	0.4364	-85.4727	-0.6106	-2.2748	-0.0676	-1.6113	0.4272
NE+4.35	C17	246	Viva.cub	0.4909	-85.4727	-0.6106	-2.2748	-0.0676	-1.4872	0.4605
NE+4.35	C17	246	Viva.cub	0.5455	-85.4727	-0.6106	-2.2748	-0.0676	-1.3632	0.4938
NE+4.35	C17	246	Viva.cub	0.6	-85.4727	-0.6106	-2.2748	-0.0676	-1.2391	0.5271
NE+4.35	C17	246	DISX-COMB Max	0	36.09	248.277	62.5194	30.1481	63.4594	179.1886
NE+4.35	C17	246	DISX-COMB Max	0.0545	36.09	248.277	62.5194	30.1481	60.0538	165.8049
NE+4.35	C17	246	DISX-COMB Max	0.1091	36.09	248.277	62.5194	30.1481	56.6487	152.4493
NE+4.35	C17	246	DISX-COMB Max	0.1636	36.09	248.277	62.5194	30.1481	53.2443	139.1298
NE+4.35	C17	246	DISX-COMB Max	0.2182	36.09	248.277	62.5194	30.1481	49.8407	125.8579
NE+4.35	C17	246	DISX-COMB Max	0.2727	36.09	248.277	62.5194	30.1481	46.438	112.6504
NE+4.35	C17	246	DISX-COMB Max	0.3273	36.09	248.277	62.5194	30.1481	43.0365	99.5329
NE+4.35	C17	246	DISX-COMB Max	0.3818	36.09	248.277	62.5194	30.1481	39.6364	86.5463
NE+4.35	C17	246	DISX-COMB Max	0.4364	36.09	248.277	62.5194	30.1481	36.2383	73.76
NE+4.35	C17	246	DISX-COMB Max	0.4909	36.09	248.277	62.5194	30.1481	32.8427	61.2993
NE+4.35	C17	246	DISX-COMB Max	0.5455	36.09	248.277	62.5194	30.1481	29.4504	49.4111
NE+4.35	C17	246	DISX-COMB Max	0.6	36.09	248.277	62.5194	30.1481	26.0628	38.6278

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C17	246	DISY-COMB Max	0	195.4465	35.8718	325.8223	4.3174	314.9821	25.8591
NE+4.35	C17	246	DISY-COMB Max	0.0545	195.4465	35.8718	325.8223	4.3174	297.2101	23.9799
NE+4.35	C17	246	DISY-COMB Max	0.1091	195.4465	35.8718	325.8223	4.3174	279.438	22.1142
NE+4.35	C17	246	DISY-COMB Max	0.1636	195.4465	35.8718	325.8223	4.3174	261.666	20.2657
NE+4.35	C17	246	DISY-COMB Max	0.2182	195.4465	35.8718	325.8223	4.3174	243.894	18.4395
NE+4.35	C17	246	DISY-COMB Max	0.2727	195.4465	35.8718	325.8223	4.3174	226.1221	16.6429
NE+4.35	C17	246	DISY-COMB Max	0.3273	195.4465	35.8718	325.8223	4.3174	208.3501	14.8868
NE+4.35	C17	246	DISY-COMB Max	0.3818	195.4465	35.8718	325.8223	4.3174	190.5782	13.1873
NE+4.35	C17	246	DISY-COMB Max	0.4364	195.4465	35.8718	325.8223	4.3174	172.8064	11.5692
NE+4.35	C17	246	DISY-COMB Max	0.4909	195.4465	35.8718	325.8223	4.3174	155.0346	10.0721
NE+4.35	C17	246	DISY-COMB Max	0.5455	195.4465	35.8718	325.8223	4.3174	137.2629	8.7582
NE+4.35	C17	246	DISY-COMB Max	0.6	195.4465	35.8718	325.8223	4.3174	119.4913	7.7214
NE+4.35	C17	246	B241	0	-191.2847	156.2137	84.7185	-4.119	96.2133	131.0243
NE+4.35	C17	246	B241	0.0545	-190.7486	156.2137	84.7185	-4.119	91.5923	122.5036
NE+4.35	C17	246	B241	0.1091	-190.2125	156.2137	84.7185	-4.119	86.9713	113.9828
NE+4.35	C17	246	B241	0.1636	-189.6765	156.2137	84.7185	-4.119	82.3503	105.4621
NE+4.35	C17	246	B241	0.2182	-189.1404	156.2137	84.7185	-4.119	77.7293	96.9413
NE+4.35	C17	246	B241	0.2727	-188.6043	156.2137	84.7185	-4.119	73.1083	88.4206
NE+4.35	C17	246	B241	0.3273	-188.0683	156.2137	84.7185	-4.119	68.4873	79.8998
NE+4.35	C17	246	B241	0.3818	-187.5322	156.2137	84.7185	-4.119	63.8663	71.3791
NE+4.35	C17	246	B241	0.4364	-186.9961	156.2137	84.7185	-4.119	59.2452	62.8583
NE+4.35	C17	246	B241	0.4909	-186.46	156.2137	84.7185	-4.119	54.6242	54.3376
NE+4.35	C17	246	B241	0.5455	-185.924	156.2137	84.7185	-4.119	50.0032	45.8169
NE+4.35	C17	246	B241	0.6	-185.3879	156.2137	84.7185	-4.119	45.3822	37.2961
NE+4.35	C17	246	B242	0	-298.1702	200.9454	98.7745	-5.1827	124.5452	155.9386
NE+4.35	C17	246	B242	0.0545	-297.7107	200.9454	98.7745	-5.1827	119.1575	144.978
NE+4.35	C17	246	B242	0.1091	-297.2512	200.9454	98.7745	-5.1827	113.7698	134.0173
NE+4.35	C17	246	B242	0.1636	-296.7918	200.9454	98.7745	-5.1827	108.3821	123.0566
NE+4.35	C17	246	B242	0.2182	-296.3323	200.9454	98.7745	-5.1827	102.9944	112.096
NE+4.35	C17	246	B242	0.2727	-295.8728	200.9454	98.7745	-5.1827	97.6067	101.1353
NE+4.35	C17	246	B242	0.3273	-295.4133	200.9454	98.7745	-5.1827	92.219	90.1747
NE+4.35	C17	246	B242	0.3818	-294.9538	200.9454	98.7745	-5.1827	86.8313	79.214
NE+4.35	C17	246	B242	0.4364	-294.4943	200.9454	98.7745	-5.1827	81.4436	68.2534
NE+4.35	C17	246	B242	0.4909	-294.0348	200.9454	98.7745	-5.1827	76.0559	57.2927
NE+4.35	C17	246	B242	0.5455	-293.5753	200.9454	98.7745	-5.1827	70.6682	46.332
NE+4.35	C17	246	B242	0.6	-293.1158	200.9454	98.7745	-5.1827	65.2805	35.3714
NE+4.35	C18	261	Pprop	0	-60.3344	-11.6675	30.6501	0.4968	31.6251	-8.0852
NE+4.35	C18	261	Pprop	0.0545	-59.9209	-11.6675	30.6501	0.4968	29.9532	-7.4488
NE+4.35	C18	261	Pprop	0.1091	-59.5073	-11.6675	30.6501	0.4968	28.2814	-6.8124
NE+4.35	C18	261	Pprop	0.1636	-59.0938	-11.6675	30.6501	0.4968	26.6096	-6.176
NE+4.35	C18	261	Pprop	0.2182	-58.6802	-11.6675	30.6501	0.4968	24.9378	-5.5396
NE+4.35	C18	261	Pprop	0.2727	-58.2667	-11.6675	30.6501	0.4968	23.2659	-4.9032
NE+4.35	C18	261	Pprop	0.3273	-57.8532	-11.6675	30.6501	0.4968	21.5941	-4.2668
NE+4.35	C18	261	Pprop	0.3818	-57.4396	-11.6675	30.6501	0.4968	19.9223	-3.6304
NE+4.35	C18	261	Pprop	0.4364	-57.0261	-11.6675	30.6501	0.4968	18.2505	-2.9939

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C18	261	Pprop	0.4909	-56.6125	-11.6675	30.6501	0.4968	16.5787	-2.3575
NE+4.35	C18	261	Pprop	0.5455	-56.199	-11.6675	30.6501	0.4968	14.9068	-1.7211
NE+4.35	C18	261	Pprop	0.6	-55.7854	-11.6675	30.6501	0.4968	13.235	-1.0847
NE+4.35	C18	261	Viva	0	-56.0184	-16.2522	31.5117	0.4651	42.1017	-7.8737
NE+4.35	C18	261	Viva	0.0545	-56.0184	-16.2522	31.5117	0.4651	40.3828	-6.9872
NE+4.35	C18	261	Viva	0.1091	-56.0184	-16.2522	31.5117	0.4651	38.664	-6.1007
NE+4.35	C18	261	Viva	0.1636	-56.0184	-16.2522	31.5117	0.4651	36.9452	-5.2142
NE+4.35	C18	261	Viva	0.2182	-56.0184	-16.2522	31.5117	0.4651	35.2264	-4.3277
NE+4.35	C18	261	Viva	0.2727	-56.0184	-16.2522	31.5117	0.4651	33.5076	-3.4412
NE+4.35	C18	261	Viva	0.3273	-56.0184	-16.2522	31.5117	0.4651	31.7887	-2.5548
NE+4.35	C18	261	Viva	0.3818	-56.0184	-16.2522	31.5117	0.4651	30.0699	-1.6683
NE+4.35	C18	261	Viva	0.4364	-56.0184	-16.2522	31.5117	0.4651	28.3511	-0.7818
NE+4.35	C18	261	Viva	0.4909	-56.0184	-16.2522	31.5117	0.4651	26.6323	0.1047
NE+4.35	C18	261	Viva	0.5455	-56.0184	-16.2522	31.5117	0.4651	24.9135	0.9912
NE+4.35	C18	261	Viva	0.6	-56.0184	-16.2522	31.5117	0.4651	23.1946	1.8777
NE+4.35	C18	261	Psup	0	-103.3639	-25.8815	96.1132	0.7117	107.6941	-15.3099
NE+4.35	C18	261	Psup	0.0545	-103.3639	-25.8815	96.1132	0.7117	102.4516	-13.8982
NE+4.35	C18	261	Psup	0.1091	-103.3639	-25.8815	96.1132	0.7117	97.2091	-12.4865
NE+4.35	C18	261	Psup	0.1636	-103.3639	-25.8815	96.1132	0.7117	91.9665	-11.0747
NE+4.35	C18	261	Psup	0.2182	-103.3639	-25.8815	96.1132	0.7117	86.724	-9.663
NE+4.35	C18	261	Psup	0.2727	-103.3639	-25.8815	96.1132	0.7117	81.4815	-8.2513
NE+4.35	C18	261	Psup	0.3273	-103.3639	-25.8815	96.1132	0.7117	76.2389	-6.8396
NE+4.35	C18	261	Psup	0.3818	-103.3639	-25.8815	96.1132	0.7117	70.9964	-5.4279
NE+4.35	C18	261	Psup	0.4364	-103.3639	-25.8815	96.1132	0.7117	65.7539	-4.0162
NE+4.35	C18	261	Psup	0.4909	-103.3639	-25.8815	96.1132	0.7117	60.5113	-2.6044
NE+4.35	C18	261	Psup	0.5455	-103.3639	-25.8815	96.1132	0.7117	55.2688	-1.1927
NE+4.35	C18	261	Psup	0.6	-103.3639	-25.8815	96.1132	0.7117	50.0263	0.219
NE+4.35	C18	261	Viva.cub	0	-85.6181	-0.4145	-2.0889	-0.0094	-2.4712	0.1423
NE+4.35	C18	261	Viva.cub	0.0545	-85.6181	-0.4145	-2.0889	-0.0094	-2.3572	0.1649
NE+4.35	C18	261	Viva.cub	0.1091	-85.6181	-0.4145	-2.0889	-0.0094	-2.2433	0.1875
NE+4.35	C18	261	Viva.cub	0.1636	-85.6181	-0.4145	-2.0889	-0.0094	-2.1294	0.2101
NE+4.35	C18	261	Viva.cub	0.2182	-85.6181	-0.4145	-2.0889	-0.0094	-2.0154	0.2327
NE+4.35	C18	261	Viva.cub	0.2727	-85.6181	-0.4145	-2.0889	-0.0094	-1.9015	0.2553
NE+4.35	C18	261	Viva.cub	0.3273	-85.6181	-0.4145	-2.0889	-0.0094	-1.7875	0.2779
NE+4.35	C18	261	Viva.cub	0.3818	-85.6181	-0.4145	-2.0889	-0.0094	-1.6736	0.3006
NE+4.35	C18	261	Viva.cub	0.4364	-85.6181	-0.4145	-2.0889	-0.0094	-1.5597	0.3232
NE+4.35	C18	261	Viva.cub	0.4909	-85.6181	-0.4145	-2.0889	-0.0094	-1.4457	0.3458
NE+4.35	C18	261	Viva.cub	0.5455	-85.6181	-0.4145	-2.0889	-0.0094	-1.3318	0.3684
NE+4.35	C18	261	Viva.cub	0.6	-85.6181	-0.4145	-2.0889	-0.0094	-1.2179	0.391
NE+4.35	C18	261	DISX-COMB Max	0	52.6484	235.6538	88.0026	31.1196	87.3273	156.4853
NE+4.35	C18	261	DISX-COMB Max	0.0545	52.6484	235.6538	88.0026	31.1196	82.5427	143.9383
NE+4.35	C18	261	DISX-COMB Max	0.1091	52.6484	235.6538	88.0026	31.1196	77.76	131.4506
NE+4.35	C18	261	DISX-COMB Max	0.1636	52.6484	235.6538	88.0026	31.1196	72.9795	119.0409
NE+4.35	C18	261	DISX-COMB Max	0.2182	52.6484	235.6538	88.0026	31.1196	68.2019	106.7364
NE+4.35	C18	261	DISX-COMB Max	0.2727	52.6484	235.6538	88.0026	31.1196	63.4276	94.5782

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C18	261	DISX-COMB Max	0.3273	52.6484	235.6538	88.0026	31.1196	58.6575	82.6307
NE+4.35	C18	261	DISX-COMB Max	0.3818	52.6484	235.6538	88.0026	31.1196	53.8928	71.0006
NE+4.35	C18	261	DISX-COMB Max	0.4364	52.6484	235.6538	88.0026	31.1196	49.135	59.873
NE+4.35	C18	261	DISX-COMB Max	0.4909	52.6484	235.6538	88.0026	31.1196	44.3863	49.5874
NE+4.35	C18	261	DISX-COMB Max	0.5455	52.6484	235.6538	88.0026	31.1196	39.65	40.7859
NE+4.35	C18	261	DISX-COMB Max	0.6	52.6484	235.6538	88.0026	31.1196	34.9311	34.6195
NE+4.35	C18	261	DISY-COMB Max	0	218.6121	44.5555	366.015	8.8647	348.0056	23.5265
NE+4.35	C18	261	DISY-COMB Max	0.0545	218.6121	44.5555	366.015	8.8647	328.0426	21.1212
NE+4.35	C18	261	DISY-COMB Max	0.1091	218.6121	44.5555	366.015	8.8647	308.0798	18.7223
NE+4.35	C18	261	DISY-COMB Max	0.1636	218.6121	44.5555	366.015	8.8647	288.1172	16.3327
NE+4.35	C18	261	DISY-COMB Max	0.2182	218.6121	44.5555	366.015	8.8647	268.1549	13.9572
NE+4.35	C18	261	DISY-COMB Max	0.2727	218.6121	44.5555	366.015	8.8647	248.193	11.6044
NE+4.35	C18	261	DISY-COMB Max	0.3273	218.6121	44.5555	366.015	8.8647	228.2315	9.2915
NE+4.35	C18	261	DISY-COMB Max	0.3818	218.6121	44.5555	366.015	8.8647	208.2705	7.0581
NE+4.35	C18	261	DISY-COMB Max	0.4364	218.6121	44.5555	366.015	8.8647	188.3103	5.0113
NE+4.35	C18	261	DISY-COMB Max	0.4909	218.6121	44.5555	366.015	8.8647	168.3512	3.4961
NE+4.35	C18	261	DISY-COMB Max	0.5455	218.6121	44.5555	366.015	8.8647	148.3934	3.3384
NE+4.35	C18	261	DISY-COMB Max	0.6	218.6121	44.5555	366.015	8.8647	128.4377	4.6776
NE+4.35	C18	261	B241	0	-212.2015	-48.6746	164.3227	1.5665	180.599	-30.327
NE+4.35	C18	261	B241	0.0545	-211.6654	-48.6746	164.3227	1.5665	171.6359	-27.672
NE+4.35	C18	261	B241	0.1091	-211.1293	-48.6746	164.3227	1.5665	162.6729	-25.017
NE+4.35	C18	261	B241	0.1636	-210.5933	-48.6746	164.3227	1.5665	153.7098	-22.3621
NE+4.35	C18	261	B241	0.2182	-210.0572	-48.6746	164.3227	1.5665	144.7467	-19.7071
NE+4.35	C18	261	B241	0.2727	-209.5211	-48.6746	164.3227	1.5665	135.7837	-17.0521
NE+4.35	C18	261	B241	0.3273	-208.985	-48.6746	164.3227	1.5665	126.8206	-14.3971
NE+4.35	C18	261	B241	0.3818	-208.449	-48.6746	164.3227	1.5665	117.8576	-11.7422
NE+4.35	C18	261	B241	0.4364	-207.9129	-48.6746	164.3227	1.5665	108.8945	-9.0872
NE+4.35	C18	261	B241	0.4909	-207.3768	-48.6746	164.3227	1.5665	99.9315	-6.4322
NE+4.35	C18	261	B241	0.5455	-206.8408	-48.6746	164.3227	1.5665	90.9684	-3.7772
NE+4.35	C18	261	B241	0.6	-206.3047	-48.6746	164.3227	1.5665	82.0053	-1.1222
NE+4.35	C18	261	B242	0	-314.3255	-67.9319	190.2223	2.0822	220.9262	-38.5213
NE+4.35	C18	261	B242	0.0545	-313.866	-67.9319	190.2223	2.0822	210.5504	-34.8159
NE+4.35	C18	261	B242	0.1091	-313.4065	-67.9319	190.2223	2.0822	200.1747	-31.1105
NE+4.35	C18	261	B242	0.1636	-312.9471	-67.9319	190.2223	2.0822	189.7989	-27.4052
NE+4.35	C18	261	B242	0.2182	-312.4876	-67.9319	190.2223	2.0822	179.4231	-23.6998
NE+4.35	C18	261	B242	0.2727	-312.0281	-67.9319	190.2223	2.0822	169.0474	-19.9944
NE+4.35	C18	261	B242	0.3273	-311.5686	-67.9319	190.2223	2.0822	158.6716	-16.289
NE+4.35	C18	261	B242	0.3818	-311.1091	-67.9319	190.2223	2.0822	148.2958	-12.5837
NE+4.35	C18	261	B242	0.4364	-310.6496	-67.9319	190.2223	2.0822	137.9201	-8.8783
NE+4.35	C18	261	B242	0.4909	-310.1901	-67.9319	190.2223	2.0822	127.5443	-5.1729
NE+4.35	C18	261	B242	0.5455	-309.7306	-67.9319	190.2223	2.0822	117.1685	-1.4675
NE+4.35	C18	261	B242	0.6	-309.2711	-67.9319	190.2223	2.0822	106.7928	2.2378
NE+4.35	C19	276	Pprop	0	-49.3553	19.3421	16.5937	-0.1187	18.3737	10.5815
NE+4.35	C19	276	Pprop	0.0545	-48.9418	19.3421	16.5937	-0.1187	17.4685	9.5265
NE+4.35	C19	276	Pprop	0.1091	-48.5282	19.3421	16.5937	-0.1187	16.5634	8.4715

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C19	276	Pprop	0.1636	-48.1147	19.3421	16.5937	-0.1187	15.6583	7.4164
NE+4.35	C19	276	Pprop	0.2182	-47.7011	19.3421	16.5937	-0.1187	14.7532	6.3614
NE+4.35	C19	276	Pprop	0.2727	-47.2876	19.3421	16.5937	-0.1187	13.8481	5.3064
NE+4.35	C19	276	Pprop	0.3273	-46.8741	19.3421	16.5937	-0.1187	12.943	4.2513
NE+4.35	C19	276	Pprop	0.3818	-46.4605	19.3421	16.5937	-0.1187	12.0379	3.1963
NE+4.35	C19	276	Pprop	0.4364	-46.047	19.3421	16.5937	-0.1187	11.1328	2.1413
NE+4.35	C19	276	Pprop	0.4909	-45.6334	19.3421	16.5937	-0.1187	10.2276	1.0863
NE+4.35	C19	276	Pprop	0.5455	-45.2199	19.3421	16.5937	-0.1187	9.3225	0.0312
NE+4.35	C19	276	Pprop	0.6	-44.8064	19.3421	16.5937	-0.1187	8.4174	-1.0238
NE+4.35	C19	276	Viva	0	-29.0213	20.1696	17.3209	0.2954	21.8563	1.4505
NE+4.35	C19	276	Viva	0.0545	-29.0213	20.1696	17.3209	0.2954	20.9115	0.3503
NE+4.35	C19	276	Viva	0.1091	-29.0213	20.1696	17.3209	0.2954	19.9667	-0.7498
NE+4.35	C19	276	Viva	0.1636	-29.0213	20.1696	17.3209	0.2954	19.0219	-1.85
NE+4.35	C19	276	Viva	0.2182	-29.0213	20.1696	17.3209	0.2954	18.0772	-2.9501
NE+4.35	C19	276	Viva	0.2727	-29.0213	20.1696	17.3209	0.2954	17.1324	-4.0503
NE+4.35	C19	276	Viva	0.3273	-29.0213	20.1696	17.3209	0.2954	16.1876	-5.1505
NE+4.35	C19	276	Viva	0.3818	-29.0213	20.1696	17.3209	0.2954	15.2428	-6.2506
NE+4.35	C19	276	Viva	0.4364	-29.0213	20.1696	17.3209	0.2954	14.298	-7.3508
NE+4.35	C19	276	Viva	0.4909	-29.0213	20.1696	17.3209	0.2954	13.3533	-8.4509
NE+4.35	C19	276	Viva	0.5455	-29.0213	20.1696	17.3209	0.2954	12.4085	-9.5511
NE+4.35	C19	276	Viva	0.6	-29.0213	20.1696	17.3209	0.2954	11.4637	-10.6513
NE+4.35	C19	276	Psup	0	-61.4169	32.0434	33.5661	-0.0126	38.1883	12.4231
NE+4.35	C19	276	Psup	0.0545	-61.4169	32.0434	33.5661	-0.0126	36.3574	10.6753
NE+4.35	C19	276	Psup	0.1091	-61.4169	32.0434	33.5661	-0.0126	34.5265	8.9275
NE+4.35	C19	276	Psup	0.1636	-61.4169	32.0434	33.5661	-0.0126	32.6956	7.1796
NE+4.35	C19	276	Psup	0.2182	-61.4169	32.0434	33.5661	-0.0126	30.8647	5.4318
NE+4.35	C19	276	Psup	0.2727	-61.4169	32.0434	33.5661	-0.0126	29.0339	3.684
NE+4.35	C19	276	Psup	0.3273	-61.4169	32.0434	33.5661	-0.0126	27.203	1.9362
NE+4.35	C19	276	Psup	0.3818	-61.4169	32.0434	33.5661	-0.0126	25.3721	0.1884
NE+4.35	C19	276	Psup	0.4364	-61.4169	32.0434	33.5661	-0.0126	23.5412	-1.5595
NE+4.35	C19	276	Psup	0.4909	-61.4169	32.0434	33.5661	-0.0126	21.7104	-3.3073
NE+4.35	C19	276	Psup	0.5455	-61.4169	32.0434	33.5661	-0.0126	19.8795	-5.0551
NE+4.35	C19	276	Psup	0.6	-61.4169	32.0434	33.5661	-0.0126	18.0486	-6.8029
NE+4.35	C19	276	Viva.cub	0	-85.8477	1.864	-2.0635	0.1725	-2.4548	0.2355
NE+4.35	C19	276	Viva.cub	0.0545	-85.8477	1.864	-2.0635	0.1725	-2.3422	0.1338
NE+4.35	C19	276	Viva.cub	0.1091	-85.8477	1.864	-2.0635	0.1725	-2.2297	0.0321
NE+4.35	C19	276	Viva.cub	0.1636	-85.8477	1.864	-2.0635	0.1725	-2.1171	-0.0695
NE+4.35	C19	276	Viva.cub	0.2182	-85.8477	1.864	-2.0635	0.1725	-2.0046	-0.1712
NE+4.35	C19	276	Viva.cub	0.2727	-85.8477	1.864	-2.0635	0.1725	-1.892	-0.2729
NE+4.35	C19	276	Viva.cub	0.3273	-85.8477	1.864	-2.0635	0.1725	-1.7795	-0.3745
NE+4.35	C19	276	Viva.cub	0.3818	-85.8477	1.864	-2.0635	0.1725	-1.6669	-0.4762
NE+4.35	C19	276	Viva.cub	0.4364	-85.8477	1.864	-2.0635	0.1725	-1.5544	-0.5779
NE+4.35	C19	276	Viva.cub	0.4909	-85.8477	1.864	-2.0635	0.1725	-1.4418	-0.6796
NE+4.35	C19	276	Viva.cub	0.5455	-85.8477	1.864	-2.0635	0.1725	-1.3293	-0.7812
NE+4.35	C19	276	Viva.cub	0.6	-85.8477	1.864	-2.0635	0.1725	-1.2167	-0.8829

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C19	276	DISX-COMB Max	0	66.8743	297.7438	115.5161	25.2133	115.6741	196.5458
NE+4.35	C19	276	DISX-COMB Max	0.0545	66.8743	297.7438	115.5161	25.2133	109.4023	180.7643
NE+4.35	C19	276	DISX-COMB Max	0.1091	66.8743	297.7438	115.5161	25.2133	103.1341	165.072
NE+4.35	C19	276	DISX-COMB Max	0.1636	66.8743	297.7438	115.5161	25.2133	96.87	149.4967
NE+4.35	C19	276	DISX-COMB Max	0.2182	66.8743	297.7438	115.5161	25.2133	90.6111	134.0795
NE+4.35	C19	276	DISX-COMB Max	0.2727	66.8743	297.7438	115.5161	25.2133	84.3585	118.8817
NE+4.35	C19	276	DISX-COMB Max	0.3273	66.8743	297.7438	115.5161	25.2133	78.1136	103.9996
NE+4.35	C19	276	DISX-COMB Max	0.3818	66.8743	297.7438	115.5161	25.2133	71.8784	89.5907
NE+4.35	C19	276	DISX-COMB Max	0.4364	66.8743	297.7438	115.5161	25.2133	65.6558	75.9249
NE+4.35	C19	276	DISX-COMB Max	0.4909	66.8743	297.7438	115.5161	25.2133	59.4497	63.4838
NE+4.35	C19	276	DISX-COMB Max	0.5455	66.8743	297.7438	115.5161	25.2133	53.2659	53.1348
NE+4.35	C19	276	DISX-COMB Max	0.6	66.8743	297.7438	115.5161	25.2133	47.1131	46.3026
NE+4.35	C19	276	DISY-COMB Max	0	223.4043	31.4739	380.4808	7.4692	367.2421	27.2993
NE+4.35	C19	276	DISY-COMB Max	0.0545	223.4043	31.4739	380.4808	7.4692	346.4928	25.8963
NE+4.35	C19	276	DISY-COMB Max	0.1091	223.4043	31.4739	380.4808	7.4692	325.744	24.5332
NE+4.35	C19	276	DISY-COMB Max	0.1636	223.4043	31.4739	380.4808	7.4692	304.9959	23.2171
NE+4.35	C19	276	DISY-COMB Max	0.2182	223.4043	31.4739	380.4808	7.4692	284.2485	21.9565
NE+4.35	C19	276	DISY-COMB Max	0.2727	223.4043	31.4739	380.4808	7.4692	263.5021	20.7613
NE+4.35	C19	276	DISY-COMB Max	0.3273	223.4043	31.4739	380.4808	7.4692	242.7569	19.6436
NE+4.35	C19	276	DISY-COMB Max	0.3818	223.4043	31.4739	380.4808	7.4692	222.0133	18.6174
NE+4.35	C19	276	DISY-COMB Max	0.4364	223.4043	31.4739	380.4808	7.4692	201.2717	17.6984
NE+4.35	C19	276	DISY-COMB Max	0.4909	223.4043	31.4739	380.4808	7.4692	180.5329	16.9044
NE+4.35	C19	276	DISY-COMB Max	0.5455	223.4043	31.4739	380.4808	7.4692	159.7979	16.2535
NE+4.35	C19	276	DISY-COMB Max	0.6	223.4043	31.4739	380.4808	7.4692	139.0684	15.7635
NE+4.35	C19	276	B241	0	-143.5936	66.6109	65.022	-0.1702	73.321	29.8208
NE+4.35	C19	276	B241	0.0545	-143.0575	66.6109	65.022	-0.1702	69.7744	26.1875
NE+4.35	C19	276	B241	0.1091	-142.5214	66.6109	65.022	-0.1702	66.2277	22.5541
NE+4.35	C19	276	B241	0.1636	-141.9853	66.6109	65.022	-0.1702	62.681	18.9208
NE+4.35	C19	276	B241	0.2182	-141.4493	66.6109	65.022	-0.1702	59.1344	15.2875
NE+4.35	C19	276	B241	0.2727	-140.9132	66.6109	65.022	-0.1702	55.5877	11.6542
NE+4.35	C19	276	B241	0.3273	-140.3771	66.6109	65.022	-0.1702	52.0411	8.0209
NE+4.35	C19	276	B241	0.3818	-139.841	66.6109	65.022	-0.1702	48.4944	4.3876
NE+4.35	C19	276	B241	0.4364	-139.305	66.6109	65.022	-0.1702	44.9478	0.7542
NE+4.35	C19	276	B241	0.4909	-138.7689	66.6109	65.022	-0.1702	41.4011	-2.8791
NE+4.35	C19	276	B241	0.5455	-138.2328	66.6109	65.022	-0.1702	37.8545	-6.5124
NE+4.35	C19	276	B241	0.6	-137.6968	66.6109	65.022	-0.1702	34.3078	-10.1457
NE+4.35	C19	276	B242	0	-212.4381	90.2984	82.4149	0.4131	96.5892	27.9992
NE+4.35	C19	276	B242	0.0545	-211.9786	90.2984	82.4149	0.4131	92.0939	23.0739
NE+4.35	C19	276	B242	0.1091	-211.5191	90.2984	82.4149	0.4131	87.5985	18.1485
NE+4.35	C19	276	B242	0.1636	-211.0596	90.2984	82.4149	0.4131	83.1031	13.2231
NE+4.35	C19	276	B242	0.2182	-210.6001	90.2984	82.4149	0.4131	78.6078	8.2978
NE+4.35	C19	276	B242	0.2727	-210.1406	90.2984	82.4149	0.4131	74.1124	3.3724
NE+4.35	C19	276	B242	0.3273	-209.6811	90.2984	82.4149	0.4131	69.6171	-1.553
NE+4.35	C19	276	B242	0.3818	-209.2216	90.2984	82.4149	0.4131	65.1217	-6.4783
NE+4.35	C19	276	B242	0.4364	-208.7621	90.2984	82.4149	0.4131	60.6263	-11.4037

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C19	276	B242	0.4909	-208.3027	90.2984	82.4149	0.4131	56.131	-16.3291
NE+4.35	C19	276	B242	0.5455	-207.8432	90.2984	82.4149	0.4131	51.6356	-21.2544
NE+4.35	C19	276	B242	0.6	-207.3837	90.2984	82.4149	0.4131	47.1403	-26.1798
NE+4.35	C12	201	Pprop	0	-46.1829	0.2913	16.2913	0.1144	18.7	4.0776
NE+4.35	C12	201	Pprop	0.0545	-45.7693	0.2913	16.2913	0.1144	17.8114	4.0618
NE+4.35	C12	201	Pprop	0.1091	-45.3558	0.2913	16.2913	0.1144	16.9228	4.0459
NE+4.35	C12	201	Pprop	0.1636	-44.9422	0.2913	16.2913	0.1144	16.0342	4.03
NE+4.35	C12	201	Pprop	0.2182	-44.5287	0.2913	16.2913	0.1144	15.1456	4.0141
NE+4.35	C12	201	Pprop	0.2727	-44.1152	0.2913	16.2913	0.1144	14.2569	3.9982
NE+4.35	C12	201	Pprop	0.3273	-43.7016	0.2913	16.2913	0.1144	13.3683	3.9823
NE+4.35	C12	201	Pprop	0.3818	-43.2881	0.2913	16.2913	0.1144	12.4797	3.9664
NE+4.35	C12	201	Pprop	0.4364	-42.8745	0.2913	16.2913	0.1144	11.5911	3.9505
NE+4.35	C12	201	Pprop	0.4909	-42.461	0.2913	16.2913	0.1144	10.7025	3.9347
NE+4.35	C12	201	Pprop	0.5455	-42.0474	0.2913	16.2913	0.1144	9.8139	3.9188
NE+4.35	C12	201	Pprop	0.6	-41.6339	0.2913	16.2913	0.1144	8.9252	3.9029
NE+4.35	C12	201	Viva	0	-31.877	2.6595	26.0946	-0.0321	36.0206	9.1692
NE+4.35	C12	201	Viva	0.0545	-31.877	2.6595	26.0946	-0.0321	34.5973	9.0241
NE+4.35	C12	201	Viva	0.1091	-31.877	2.6595	26.0946	-0.0321	33.174	8.8791
NE+4.35	C12	201	Viva	0.1636	-31.877	2.6595	26.0946	-0.0321	31.7506	8.734
NE+4.35	C12	201	Viva	0.2182	-31.877	2.6595	26.0946	-0.0321	30.3273	8.5889
NE+4.35	C12	201	Viva	0.2727	-31.877	2.6595	26.0946	-0.0321	28.9039	8.4439
NE+4.35	C12	201	Viva	0.3273	-31.877	2.6595	26.0946	-0.0321	27.4806	8.2988
NE+4.35	C12	201	Viva	0.3818	-31.877	2.6595	26.0946	-0.0321	26.0572	8.1537
NE+4.35	C12	201	Viva	0.4364	-31.877	2.6595	26.0946	-0.0321	24.6339	8.0087
NE+4.35	C12	201	Viva	0.4909	-31.877	2.6595	26.0946	-0.0321	23.2106	7.8636
NE+4.35	C12	201	Viva	0.5455	-31.877	2.6595	26.0946	-0.0321	21.7872	7.7186
NE+4.35	C12	201	Viva	0.6	-31.877	2.6595	26.0946	-0.0321	20.3639	7.5735
NE+4.35	C12	201	Psup	0	-67.5611	11.8396	37.3032	1.0235	48.3804	11.9918
NE+4.35	C12	201	Psup	0.0545	-67.5611	11.8396	37.3032	1.0235	46.3457	11.346
NE+4.35	C12	201	Psup	0.1091	-67.5611	11.8396	37.3032	1.0235	44.3109	10.7002
NE+4.35	C12	201	Psup	0.1636	-67.5611	11.8396	37.3032	1.0235	42.2762	10.0544
NE+4.35	C12	201	Psup	0.2182	-67.5611	11.8396	37.3032	1.0235	40.2415	9.4086
NE+4.35	C12	201	Psup	0.2727	-67.5611	11.8396	37.3032	1.0235	38.2068	8.7628
NE+4.35	C12	201	Psup	0.3273	-67.5611	11.8396	37.3032	1.0235	36.1721	8.117
NE+4.35	C12	201	Psup	0.3818	-67.5611	11.8396	37.3032	1.0235	34.1373	7.4712
NE+4.35	C12	201	Psup	0.4364	-67.5611	11.8396	37.3032	1.0235	32.1026	6.8254
NE+4.35	C12	201	Psup	0.4909	-67.5611	11.8396	37.3032	1.0235	30.0679	6.1796
NE+4.35	C12	201	Psup	0.5455	-67.5611	11.8396	37.3032	1.0235	28.0332	5.5338
NE+4.35	C12	201	Psup	0.6	-67.5611	11.8396	37.3032	1.0235	25.9985	4.888
NE+4.35	C12	201	Viva.cub	0	-89.0257	15.6866	-1.5252	1.4166	-1.7259	-0.7819
NE+4.35	C12	201	Viva.cub	0.0545	-89.0257	15.6866	-1.5252	1.4166	-1.6428	-1.6375
NE+4.35	C12	201	Viva.cub	0.1091	-89.0257	15.6866	-1.5252	1.4166	-1.5596	-2.4931
NE+4.35	C12	201	Viva.cub	0.1636	-89.0257	15.6866	-1.5252	1.4166	-1.4764	-3.3488
NE+4.35	C12	201	Viva.cub	0.2182	-89.0257	15.6866	-1.5252	1.4166	-1.3932	-4.2044
NE+4.35	C12	201	Viva.cub	0.2727	-89.0257	15.6866	-1.5252	1.4166	-1.31	-5.06

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C12	201	Viva.cub	0.3273	-89.0257	15.6866	-1.5252	1.4166	-1.2268	-5.9157
NE+4.35	C12	201	Viva.cub	0.3818	-89.0257	15.6866	-1.5252	1.4166	-1.1436	-6.7713
NE+4.35	C12	201	Viva.cub	0.4364	-89.0257	15.6866	-1.5252	1.4166	-1.0604	-7.6269
NE+4.35	C12	201	Viva.cub	0.4909	-89.0257	15.6866	-1.5252	1.4166	-0.9772	-8.4825
NE+4.35	C12	201	Viva.cub	0.5455	-89.0257	15.6866	-1.5252	1.4166	-0.894	-9.3382
NE+4.35	C12	201	Viva.cub	0.6	-89.0257	15.6866	-1.5252	1.4166	-0.8108	-10.1938
NE+4.35	C12	201	DISX-COMB Max	0	41.1058	199.8295	69.7722	28.8631	58.5403	96.2147
NE+4.35	C12	201	DISX-COMB Max	0.0545	41.1058	199.8295	69.7722	28.8631	54.7693	86.1863
NE+4.35	C12	201	DISX-COMB Max	0.1091	41.1058	199.8295	69.7722	28.8631	51.0035	76.397
NE+4.35	C12	201	DISX-COMB Max	0.1636	41.1058	199.8295	69.7722	28.8631	47.244	66.9516
NE+4.35	C12	201	DISX-COMB Max	0.2182	41.1058	199.8295	69.7722	28.8631	43.4927	58.0186
NE+4.35	C12	201	DISX-COMB Max	0.2727	41.1058	199.8295	69.7722	28.8631	39.7516	49.8739
NE+4.35	C12	201	DISX-COMB Max	0.3273	41.1058	199.8295	69.7722	28.8631	36.0241	42.9682
NE+4.35	C12	201	DISX-COMB Max	0.3818	41.1058	199.8295	69.7722	28.8631	32.3149	37.9833
NE+4.35	C12	201	DISX-COMB Max	0.4364	41.1058	199.8295	69.7722	28.8631	28.631	35.7325
NE+4.35	C12	201	DISX-COMB Max	0.4909	41.1058	199.8295	69.7722	28.8631	24.9837	36.722
NE+4.35	C12	201	DISX-COMB Max	0.5455	41.1058	199.8295	69.7722	28.8631	21.3917	40.7162
NE+4.35	C12	201	DISX-COMB Max	0.6	41.1058	199.8295	69.7722	28.8631	17.8882	46.9544
NE+4.35	C12	201	DISY-COMB Max	0	116.7057	33.6507	201.9245	5.5318	171.405	11.7174
NE+4.35	C12	201	DISY-COMB Max	0.0545	116.7057	33.6507	201.9245	5.5318	160.399	10.1347
NE+4.35	C12	201	DISY-COMB Max	0.1091	116.7057	33.6507	201.9245	5.5318	149.3942	8.6524
NE+4.35	C12	201	DISY-COMB Max	0.1636	116.7057	33.6507	201.9245	5.5318	138.3909	7.3317
NE+4.35	C12	201	DISY-COMB Max	0.2182	116.7057	33.6507	201.9245	5.5318	127.3895	6.2755
NE+4.35	C12	201	DISY-COMB Max	0.2727	116.7057	33.6507	201.9245	5.5318	116.3905	5.6346
NE+4.35	C12	201	DISY-COMB Max	0.3273	116.7057	33.6507	201.9245	5.5318	105.3946	5.5545
NE+4.35	C12	201	DISY-COMB Max	0.3818	116.7057	33.6507	201.9245	5.5318	94.4029	6.0577
NE+4.35	C12	201	DISY-COMB Max	0.4364	116.7057	33.6507	201.9245	5.5318	83.4171	7.0197
NE+4.35	C12	201	DISY-COMB Max	0.4909	116.7057	33.6507	201.9245	5.5318	72.4399	8.2822
NE+4.35	C12	201	DISY-COMB Max	0.5455	116.7057	33.6507	201.9245	5.5318	61.476	9.7289
NE+4.35	C12	201	DISY-COMB Max	0.6	116.7057	33.6507	201.9245	5.5318	50.5338	11.2892
NE+4.35	C12	201	B241	0	-147.4459	15.7252	69.4744	1.4751	86.9561	20.8307
NE+4.35	C12	201	B241	0.0545	-146.9098	15.7252	69.4744	1.4751	83.1666	19.973
NE+4.35	C12	201	B241	0.1091	-146.3738	15.7252	69.4744	1.4751	79.3771	19.1152
NE+4.35	C12	201	B241	0.1636	-145.8377	15.7252	69.4744	1.4751	75.5875	18.2575
NE+4.35	C12	201	B241	0.2182	-145.3016	15.7252	69.4744	1.4751	71.798	17.3998
NE+4.35	C12	201	B241	0.2727	-144.7655	15.7252	69.4744	1.4751	68.0085	16.542
NE+4.35	C12	201	B241	0.3273	-144.2295	15.7252	69.4744	1.4751	64.219	15.6843
NE+4.35	C12	201	B241	0.3818	-143.6934	15.7252	69.4744	1.4751	60.4295	14.8266
NE+4.35	C12	201	B241	0.4364	-143.1573	15.7252	69.4744	1.4751	56.64	13.9688
NE+4.35	C12	201	B241	0.4909	-142.6212	15.7252	69.4744	1.4751	52.8505	13.1111
NE+4.35	C12	201	B241	0.5455	-142.0852	15.7252	69.4744	1.4751	49.061	12.2533
NE+4.35	C12	201	B241	0.6	-141.5491	15.7252	69.4744	1.4751	45.2714	11.3956
NE+4.35	C12	201	B242	0	-221.8982	25.5772	100.5383	1.9213	131.3038	32.1347
NE+4.35	C12	201	B242	0.0545	-221.4387	25.5772	100.5383	1.9213	125.8199	30.7395
NE+4.35	C12	201	B242	0.1091	-220.9792	25.5772	100.5383	1.9213	120.336	29.3444

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C12	201	B242	0.1636	-220.5197	25.5772	100.5383	1.9213	114.8521	27.9493
NE+4.35	C12	201	B242	0.2182	-220.0602	25.5772	100.5383	1.9213	109.3682	26.5542
NE+4.35	C12	201	B242	0.2727	-219.6007	25.5772	100.5383	1.9213	103.8843	25.1591
NE+4.35	C12	201	B242	0.3273	-219.1412	25.5772	100.5383	1.9213	98.4004	23.7639
NE+4.35	C12	201	B242	0.3818	-218.6818	25.5772	100.5383	1.9213	92.9165	22.3688
NE+4.35	C12	201	B242	0.4364	-218.2223	25.5772	100.5383	1.9213	87.4326	20.9737
NE+4.35	C12	201	B242	0.4909	-217.7628	25.5772	100.5383	1.9213	81.9487	19.5786
NE+4.35	C12	201	B242	0.5455	-217.3033	25.5772	100.5383	1.9213	76.4648	18.1835
NE+4.35	C12	201	B242	0.6	-216.8438	25.5772	100.5383	1.9213	70.9809	16.7883
NE+4.35	C15	216	Pprop	0	-60.9591	-20.4718	35.798	0.8472	35.7928	-14.3414
NE+4.35	C15	216	Pprop	0.0545	-60.5593	-20.4718	35.798	0.8472	33.8401	-13.2247
NE+4.35	C15	216	Pprop	0.1091	-60.1596	-20.4718	35.798	0.8472	31.8875	-12.1081
NE+4.35	C15	216	Pprop	0.1636	-59.7598	-20.4718	35.798	0.8472	29.9349	-10.9915
NE+4.35	C15	216	Pprop	0.2182	-59.3601	-20.4718	35.798	0.8472	27.9823	-9.8748
NE+4.35	C15	216	Pprop	0.2727	-58.9603	-20.4718	35.798	0.8472	26.0297	-8.7582
NE+4.35	C15	216	Pprop	0.3273	-58.5606	-20.4718	35.798	0.8472	24.0771	-7.6415
NE+4.35	C15	216	Pprop	0.3818	-58.1608	-20.4718	35.798	0.8472	22.1244	-6.5249
NE+4.35	C15	216	Pprop	0.4364	-57.7611	-20.4718	35.798	0.8472	20.1718	-5.4082
NE+4.35	C15	216	Pprop	0.4909	-57.3613	-20.4718	35.798	0.8472	18.2192	-4.2916
NE+4.35	C15	216	Pprop	0.5455	-56.9616	-20.4718	35.798	0.8472	16.2666	-3.1749
NE+4.35	C15	216	Pprop	0.6	-56.5618	-20.4718	35.798	0.8472	14.314	-2.0583
NE+4.35	C15	216	Viva	0	-68.8355	-43.0554	66.2754	1.3447	75.3684	-26.7014
NE+4.35	C15	216	Viva	0.0545	-68.8355	-43.0554	66.2754	1.3447	71.7534	-24.353
NE+4.35	C15	216	Viva	0.1091	-68.8355	-43.0554	66.2754	1.3447	68.1383	-22.0045
NE+4.35	C15	216	Viva	0.1636	-68.8355	-43.0554	66.2754	1.3447	64.5233	-19.656
NE+4.35	C15	216	Viva	0.2182	-68.8355	-43.0554	66.2754	1.3447	60.9083	-17.3075
NE+4.35	C15	216	Viva	0.2727	-68.8355	-43.0554	66.2754	1.3447	57.2933	-14.959
NE+4.35	C15	216	Viva	0.3273	-68.8355	-43.0554	66.2754	1.3447	53.6783	-12.6106
NE+4.35	C15	216	Viva	0.3818	-68.8355	-43.0554	66.2754	1.3447	50.0632	-10.2621
NE+4.35	C15	216	Viva	0.4364	-68.8355	-43.0554	66.2754	1.3447	46.4482	-7.9136
NE+4.35	C15	216	Viva	0.4909	-68.8355	-43.0554	66.2754	1.3447	42.8332	-5.5651
NE+4.35	C15	216	Viva	0.5455	-68.8355	-43.0554	66.2754	1.3447	39.2182	-3.2167
NE+4.35	C15	216	Viva	0.6	-68.8355	-43.0554	66.2754	1.3447	35.6032	-0.8682
NE+4.35	C15	216	Psup	0	-103.1445	-61.209	90.5367	1.9209	98.5563	-43.9016
NE+4.35	C15	216	Psup	0.0545	-103.1445	-61.209	90.5367	1.9209	93.6179	-40.5629
NE+4.35	C15	216	Psup	0.1091	-103.1445	-61.209	90.5367	1.9209	88.6795	-37.2242
NE+4.35	C15	216	Psup	0.1636	-103.1445	-61.209	90.5367	1.9209	83.7412	-33.8855
NE+4.35	C15	216	Psup	0.2182	-103.1445	-61.209	90.5367	1.9209	78.8028	-30.5469
NE+4.35	C15	216	Psup	0.2727	-103.1445	-61.209	90.5367	1.9209	73.8644	-27.2082
NE+4.35	C15	216	Psup	0.3273	-103.1445	-61.209	90.5367	1.9209	68.9261	-23.8695
NE+4.35	C15	216	Psup	0.3818	-103.1445	-61.209	90.5367	1.9209	63.9877	-20.5308
NE+4.35	C15	216	Psup	0.4364	-103.1445	-61.209	90.5367	1.9209	59.0494	-17.1922
NE+4.35	C15	216	Psup	0.4909	-103.1445	-61.209	90.5367	1.9209	54.111	-13.8535
NE+4.35	C15	216	Psup	0.5455	-103.1445	-61.209	90.5367	1.9209	49.1726	-10.5148
NE+4.35	C15	216	Psup	0.6	-103.1445	-61.209	90.5367	1.9209	44.2343	-7.1761

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C15	216	Viva.cub	0	-84.6315	-5.94	-1.9834	-0.4046	-2.2508	-0.8312
NE+4.35	C15	216	Viva.cub	0.0545	-84.6315	-5.94	-1.9834	-0.4046	-2.1427	-0.5072
NE+4.35	C15	216	Viva.cub	0.1091	-84.6315	-5.94	-1.9834	-0.4046	-2.0345	-0.1832
NE+4.35	C15	216	Viva.cub	0.1636	-84.6315	-5.94	-1.9834	-0.4046	-1.9263	0.1408
NE+4.35	C15	216	Viva.cub	0.2182	-84.6315	-5.94	-1.9834	-0.4046	-1.8181	0.4648
NE+4.35	C15	216	Viva.cub	0.2727	-84.6315	-5.94	-1.9834	-0.4046	-1.7099	0.7888
NE+4.35	C15	216	Viva.cub	0.3273	-84.6315	-5.94	-1.9834	-0.4046	-1.6017	1.1128
NE+4.35	C15	216	Viva.cub	0.3818	-84.6315	-5.94	-1.9834	-0.4046	-1.4935	1.4368
NE+4.35	C15	216	Viva.cub	0.4364	-84.6315	-5.94	-1.9834	-0.4046	-1.3854	1.7608
NE+4.35	C15	216	Viva.cub	0.4909	-84.6315	-5.94	-1.9834	-0.4046	-1.2772	2.0848
NE+4.35	C15	216	Viva.cub	0.5455	-84.6315	-5.94	-1.9834	-0.4046	-1.169	2.4088
NE+4.35	C15	216	Viva.cub	0.6	-84.6315	-5.94	-1.9834	-0.4046	-1.0608	2.7328
NE+4.35	C15	216	DISX-COMB Max	0	35.2476	270.7128	47.9199	29.3361	38.9915	212.9081
NE+4.35	C15	216	DISX-COMB Max	0.0545	35.2476	270.7128	47.9199	29.3361	36.4425	198.2177
NE+4.35	C15	216	DISX-COMB Max	0.1091	35.2476	270.7128	47.9199	29.3361	33.9033	183.5395
NE+4.35	C15	216	DISX-COMB Max	0.1636	35.2476	270.7128	47.9199	29.3361	31.3763	168.8766
NE+4.35	C15	216	DISX-COMB Max	0.2182	35.2476	270.7128	47.9199	29.3361	28.8649	154.2334
NE+4.35	C15	216	DISX-COMB Max	0.2727	35.2476	270.7128	47.9199	29.3361	26.3734	139.6162
NE+4.35	C15	216	DISX-COMB Max	0.3273	35.2476	270.7128	47.9199	29.3361	23.9079	125.0339
NE+4.35	C15	216	DISX-COMB Max	0.3818	35.2476	270.7128	47.9199	29.3361	21.4776	110.5004
NE+4.35	C15	216	DISX-COMB Max	0.4364	35.2476	270.7128	47.9199	29.3361	19.0958	96.038
NE+4.35	C15	216	DISX-COMB Max	0.4909	35.2476	270.7128	47.9199	29.3361	16.7833	81.6844
NE+4.35	C15	216	DISX-COMB Max	0.5455	35.2476	270.7128	47.9199	29.3361	14.5729	67.5089
NE+4.35	C15	216	DISX-COMB Max	0.6	35.2476	270.7128	47.9199	29.3361	12.519	53.6529
NE+4.35	C15	216	DISY-COMB Max	0	128.2836	41.5346	172.9917	8.2665	140.162	25.7403
NE+4.35	C15	216	DISY-COMB Max	0.0545	128.2836	41.5346	172.9917	8.2665	130.7414	23.5076
NE+4.35	C15	216	DISY-COMB Max	0.1091	128.2836	41.5346	172.9917	8.2665	121.3232	21.2818
NE+4.35	C15	216	DISY-COMB Max	0.1636	128.2836	41.5346	172.9917	8.2665	111.9079	19.0654
NE+4.35	C15	216	DISY-COMB Max	0.2182	128.2836	41.5346	172.9917	8.2665	102.4965	16.862
NE+4.35	C15	216	DISY-COMB Max	0.2727	128.2836	41.5346	172.9917	8.2665	93.09	14.6776
NE+4.35	C15	216	DISY-COMB Max	0.3273	128.2836	41.5346	172.9917	8.2665	83.6902	12.522
NE+4.35	C15	216	DISY-COMB Max	0.3818	128.2836	41.5346	172.9917	8.2665	74.2994	10.4132
NE+4.35	C15	216	DISY-COMB Max	0.4364	128.2836	41.5346	172.9917	8.2665	64.9219	8.3866
NE+4.35	C15	216	DISY-COMB Max	0.4909	128.2836	41.5346	172.9917	8.2665	55.564	6.5193
NE+4.35	C15	216	DISY-COMB Max	0.5455	128.2836	41.5346	172.9917	8.2665	46.2379	4.9931
NE+4.35	C15	216	DISY-COMB Max	0.6	128.2836	41.5346	172.9917	8.2665	36.9675	4.1984
NE+4.35	C15	216	B241	0	-212.7268	-105.8826	163.7671	3.5882	174.1561	-75.5001
NE+4.35	C15	216	B241	0.0545	-212.2086	-105.8826	163.7671	3.5882	165.2234	-69.7247
NE+4.35	C15	216	B241	0.1091	-211.6904	-105.8826	163.7671	3.5882	156.2906	-63.9493
NE+4.35	C15	216	B241	0.1636	-211.1722	-105.8826	163.7671	3.5882	147.3579	-58.1739
NE+4.35	C15	216	B241	0.2182	-210.654	-105.8826	163.7671	3.5882	138.4251	-52.3985
NE+4.35	C15	216	B241	0.2727	-210.1358	-105.8826	163.7671	3.5882	129.4924	-46.6231
NE+4.35	C15	216	B241	0.3273	-209.6177	-105.8826	163.7671	3.5882	120.5596	-40.8476
NE+4.35	C15	216	B241	0.3818	-209.0995	-105.8826	163.7671	3.5882	111.6269	-35.0722
NE+4.35	C15	216	B241	0.4364	-208.5813	-105.8826	163.7671	3.5882	102.6941	-29.2968

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C15	216	B241	0.4909	-208.0631	-105.8826	163.7671	3.5882	93.7614	-23.5214
NE+4.35	C15	216	B241	0.5455	-207.5449	-105.8826	163.7671	3.5882	84.8286	-17.746
NE+4.35	C15	216	B241	0.6	-207.0267	-105.8826	163.7671	3.5882	75.8959	-11.9706
NE+4.35	C15	216	B242	0	-334.7897	-162.6151	245.4207	5.0248	268.7407	-107.8523
NE+4.35	C15	216	B242	0.0545	-334.3456	-162.6151	245.4207	5.0248	255.3541	-98.9824
NE+4.35	C15	216	B242	0.1091	-333.9014	-162.6151	245.4207	5.0248	241.9675	-90.1124
NE+4.35	C15	216	B242	0.1636	-333.4573	-162.6151	245.4207	5.0248	228.5809	-81.2425
NE+4.35	C15	216	B242	0.2182	-333.0131	-162.6151	245.4207	5.0248	215.1943	-72.3726
NE+4.35	C15	216	B242	0.2727	-332.5689	-162.6151	245.4207	5.0248	201.8077	-63.5027
NE+4.35	C15	216	B242	0.3273	-332.1248	-162.6151	245.4207	5.0248	188.4212	-54.6328
NE+4.35	C15	216	B242	0.3818	-331.6806	-162.6151	245.4207	5.0248	175.0346	-45.7629
NE+4.35	C15	216	B242	0.4364	-331.2364	-162.6151	245.4207	5.0248	161.648	-36.8929
NE+4.35	C15	216	B242	0.4909	-330.7923	-162.6151	245.4207	5.0248	148.2614	-28.023
NE+4.35	C15	216	B242	0.5455	-330.3481	-162.6151	245.4207	5.0248	134.8748	-19.1531
NE+4.35	C15	216	B242	0.6	-329.9039	-162.6151	245.4207	5.0248	121.4882	-10.2832
NE+4.35	C24	231	Pprop	0	-69.8246	-3.5825	48.4772	0.1821	48.6181	-3.7435
NE+4.35	C24	231	Pprop	0.0545	-69.411	-3.5825	48.4772	0.1821	45.9739	-3.548
NE+4.35	C24	231	Pprop	0.1091	-68.9975	-3.5825	48.4772	0.1821	43.3296	-3.3526
NE+4.35	C24	231	Pprop	0.1636	-68.584	-3.5825	48.4772	0.1821	40.6854	-3.1572
NE+4.35	C24	231	Pprop	0.2182	-68.1704	-3.5825	48.4772	0.1821	38.0412	-2.9618
NE+4.35	C24	231	Pprop	0.2727	-67.7569	-3.5825	48.4772	0.1821	35.397	-2.7664
NE+4.35	C24	231	Pprop	0.3273	-67.3433	-3.5825	48.4772	0.1821	32.7528	-2.571
NE+4.35	C24	231	Pprop	0.3818	-66.9298	-3.5825	48.4772	0.1821	30.1086	-2.3756
NE+4.35	C24	231	Pprop	0.4364	-66.5163	-3.5825	48.4772	0.1821	27.4644	-2.1802
NE+4.35	C24	231	Pprop	0.4909	-66.1027	-3.5825	48.4772	0.1821	24.8202	-1.9848
NE+4.35	C24	231	Pprop	0.5455	-65.6892	-3.5825	48.4772	0.1821	22.176	-1.7894
NE+4.35	C24	231	Pprop	0.6	-65.2756	-3.5825	48.4772	0.1821	19.5318	-1.5939
NE+4.35	C24	231	Viva	0	-87.4308	11.6096	88.9076	-0.2427	100.0658	11.4885
NE+4.35	C24	231	Viva	0.0545	-87.4308	11.6096	88.9076	-0.2427	95.2163	10.8552
NE+4.35	C24	231	Viva	0.1091	-87.4308	11.6096	88.9076	-0.2427	90.3668	10.222
NE+4.35	C24	231	Viva	0.1636	-87.4308	11.6096	88.9076	-0.2427	85.5173	9.5887
NE+4.35	C24	231	Viva	0.2182	-87.4308	11.6096	88.9076	-0.2427	80.6678	8.9555
NE+4.35	C24	231	Viva	0.2727	-87.4308	11.6096	88.9076	-0.2427	75.8183	8.3222
NE+4.35	C24	231	Viva	0.3273	-87.4308	11.6096	88.9076	-0.2427	70.9688	7.689
NE+4.35	C24	231	Viva	0.3818	-87.4308	11.6096	88.9076	-0.2427	66.1193	7.0557
NE+4.35	C24	231	Viva	0.4364	-87.4308	11.6096	88.9076	-0.2427	61.2698	6.4225
NE+4.35	C24	231	Viva	0.4909	-87.4308	11.6096	88.9076	-0.2427	56.4203	5.7892
NE+4.35	C24	231	Viva	0.5455	-87.4308	11.6096	88.9076	-0.2427	51.5708	5.156
NE+4.35	C24	231	Viva	0.6	-87.4308	11.6096	88.9076	-0.2427	46.7212	4.5227
NE+4.35	C24	231	Psup	0	-179.2322	-1.8092	134.9716	0.4819	152.9728	-3.8971
NE+4.35	C24	231	Psup	0.0545	-179.2322	-1.8092	134.9716	0.4819	145.6107	-3.7984
NE+4.35	C24	231	Psup	0.1091	-179.2322	-1.8092	134.9716	0.4819	138.2487	-3.6997
NE+4.35	C24	231	Psup	0.1636	-179.2322	-1.8092	134.9716	0.4819	130.8866	-3.601
NE+4.35	C24	231	Psup	0.2182	-179.2322	-1.8092	134.9716	0.4819	123.5245	-3.5023
NE+4.35	C24	231	Psup	0.2727	-179.2322	-1.8092	134.9716	0.4819	116.1624	-3.4037

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C24	231	Psup	0.3273	-179.2322	-1.8092	134.9716	0.4819	108.8003	-3.305
NE+4.35	C24	231	Psup	0.3818	-179.2322	-1.8092	134.9716	0.4819	101.4382	-3.2063
NE+4.35	C24	231	Psup	0.4364	-179.2322	-1.8092	134.9716	0.4819	94.0761	-3.1076
NE+4.35	C24	231	Psup	0.4909	-179.2322	-1.8092	134.9716	0.4819	86.7141	-3.0089
NE+4.35	C24	231	Psup	0.5455	-179.2322	-1.8092	134.9716	0.4819	79.352	-2.9102
NE+4.35	C24	231	Psup	0.6	-179.2322	-1.8092	134.9716	0.4819	71.9899	-2.8115
NE+4.35	C24	231	Viva.cub	0	-86.0538	0.1423	-2.3928	0.0251	-2.7644	0.1968
NE+4.35	C24	231	Viva.cub	0.0545	-86.0538	0.1423	-2.3928	0.0251	-2.6339	0.189
NE+4.35	C24	231	Viva.cub	0.1091	-86.0538	0.1423	-2.3928	0.0251	-2.5034	0.1813
NE+4.35	C24	231	Viva.cub	0.1636	-86.0538	0.1423	-2.3928	0.0251	-2.3728	0.1735
NE+4.35	C24	231	Viva.cub	0.2182	-86.0538	0.1423	-2.3928	0.0251	-2.2423	0.1658
NE+4.35	C24	231	Viva.cub	0.2727	-86.0538	0.1423	-2.3928	0.0251	-2.1118	0.158
NE+4.35	C24	231	Viva.cub	0.3273	-86.0538	0.1423	-2.3928	0.0251	-1.9813	0.1502
NE+4.35	C24	231	Viva.cub	0.3818	-86.0538	0.1423	-2.3928	0.0251	-1.8508	0.1425
NE+4.35	C24	231	Viva.cub	0.4364	-86.0538	0.1423	-2.3928	0.0251	-1.7203	0.1347
NE+4.35	C24	231	Viva.cub	0.4909	-86.0538	0.1423	-2.3928	0.0251	-1.5898	0.127
NE+4.35	C24	231	Viva.cub	0.5455	-86.0538	0.1423	-2.3928	0.0251	-1.4592	0.1192
NE+4.35	C24	231	Viva.cub	0.6	-86.0538	0.1423	-2.3928	0.0251	-1.3287	0.1114
NE+4.35	C24	231	DISX-COMB Max	0	22.3417	296.027	34.9225	27.9241	29.8293	186.8442
NE+4.35	C24	231	DISX-COMB Max	0.0545	22.3417	296.027	34.9225	27.9241	27.9335	171.0575
NE+4.35	C24	231	DISX-COMB Max	0.1091	22.3417	296.027	34.9225	27.9241	26.0391	155.3449
NE+4.35	C24	231	DISX-COMB Max	0.1636	22.3417	296.027	34.9225	27.9241	24.1463	139.7312
NE+4.35	C24	231	DISX-COMB Max	0.2182	22.3417	296.027	34.9225	27.9241	22.2556	124.254
NE+4.35	C24	231	DISX-COMB Max	0.2727	22.3417	296.027	34.9225	27.9241	20.3675	108.9713
NE+4.35	C24	231	DISX-COMB Max	0.3273	22.3417	296.027	34.9225	27.9241	18.4828	93.9781
NE+4.35	C24	231	DISX-COMB Max	0.3818	22.3417	296.027	34.9225	27.9241	16.6027	79.4385
NE+4.35	C24	231	DISX-COMB Max	0.4364	22.3417	296.027	34.9225	27.9241	14.729	65.6544
NE+4.35	C24	231	DISX-COMB Max	0.4909	22.3417	296.027	34.9225	27.9241	12.8645	53.2163
NE+4.35	C24	231	DISX-COMB Max	0.5455	22.3417	296.027	34.9225	27.9241	11.0138	43.3001
NE+4.35	C24	231	DISX-COMB Max	0.6	22.3417	296.027	34.9225	27.9241	9.1853	37.9377
NE+4.35	C24	231	DISY-COMB Max	0	191.3192	48.4965	302.5274	6.2268	265.4922	25.6827
NE+4.35	C24	231	DISY-COMB Max	0.0545	191.3192	48.4965	302.5274	6.2268	248.9923	23.0955
NE+4.35	C24	231	DISY-COMB Max	0.1091	191.3192	48.4965	302.5274	6.2268	232.4927	20.5231
NE+4.35	C24	231	DISY-COMB Max	0.1636	191.3192	48.4965	302.5274	6.2268	215.9933	17.9718
NE+4.35	C24	231	DISY-COMB Max	0.2182	191.3192	48.4965	302.5274	6.2268	199.4942	15.4521
NE+4.35	C24	231	DISY-COMB Max	0.2727	191.3192	48.4965	302.5274	6.2268	182.9956	12.9825
NE+4.35	C24	231	DISY-COMB Max	0.3273	191.3192	48.4965	302.5274	6.2268	166.4976	10.598
NE+4.35	C24	231	DISY-COMB Max	0.3818	191.3192	48.4965	302.5274	6.2268	150.0003	8.3717
NE+4.35	C24	231	DISY-COMB Max	0.4364	191.3192	48.4965	302.5274	6.2268	133.5041	6.469
NE+4.35	C24	231	DISY-COMB Max	0.4909	191.3192	48.4965	302.5274	6.2268	117.0093	5.2541
NE+4.35	C24	231	DISY-COMB Max	0.5455	191.3192	48.4965	302.5274	6.2268	100.5168	5.2304
NE+4.35	C24	231	DISY-COMB Max	0.6	191.3192	48.4965	302.5274	6.2268	84.0278	6.4113
NE+4.35	C24	231	B241	0	-322.8514	-6.9893	237.8039	0.8608	261.3215	-9.9044
NE+4.35	C24	231	B241	0.0545	-322.3153	-6.9893	237.8039	0.8608	248.3504	-9.5232
NE+4.35	C24	231	B241	0.1091	-321.7792	-6.9893	237.8039	0.8608	235.3793	-9.1419

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C24	231	B241	0.1636	-321.2431	-6.9893	237.8039	0.8608	222.4082	-8.7607
NE+4.35	C24	231	B241	0.2182	-320.7071	-6.9893	237.8039	0.8608	209.437	-8.3795
NE+4.35	C24	231	B241	0.2727	-320.171	-6.9893	237.8039	0.8608	196.4659	-7.9982
NE+4.35	C24	231	B241	0.3273	-319.6349	-6.9893	237.8039	0.8608	183.4948	-7.617
NE+4.35	C24	231	B241	0.3818	-319.0989	-6.9893	237.8039	0.8608	170.5237	-7.2358
NE+4.35	C24	231	B241	0.4364	-318.5628	-6.9893	237.8039	0.8608	157.5525	-6.8545
NE+4.35	C24	231	B241	0.4909	-318.0267	-6.9893	237.8039	0.8608	144.5814	-6.4733
NE+4.35	C24	231	B241	0.5455	-317.4906	-6.9893	237.8039	0.8608	131.6103	-6.092
NE+4.35	C24	231	B241	0.6	-316.9546	-6.9893	237.8039	0.8608	118.6392	-5.7108
NE+4.35	C24	231	B242	0	-459.6459	12.6556	344.8877	0.362	382.713	9.9905
NE+4.35	C24	231	B242	0.0545	-459.1864	12.6556	344.8877	0.362	363.9009	9.3002
NE+4.35	C24	231	B242	0.1091	-458.7269	12.6556	344.8877	0.362	345.0889	8.6099
NE+4.35	C24	231	B242	0.1636	-458.2674	12.6556	344.8877	0.362	326.2768	7.9196
NE+4.35	C24	231	B242	0.2182	-457.808	12.6556	344.8877	0.362	307.4647	7.2293
NE+4.35	C24	231	B242	0.2727	-457.3485	12.6556	344.8877	0.362	288.6527	6.539
NE+4.35	C24	231	B242	0.3273	-456.889	12.6556	344.8877	0.362	269.8406	5.8487
NE+4.35	C24	231	B242	0.3818	-456.4295	12.6556	344.8877	0.362	251.0286	5.1583
NE+4.35	C24	231	B242	0.4364	-455.97	12.6556	344.8877	0.362	232.2165	4.468
NE+4.35	C24	231	B242	0.4909	-455.5105	12.6556	344.8877	0.362	213.4045	3.7777
NE+4.35	C24	231	B242	0.5455	-455.051	12.6556	344.8877	0.362	194.5924	3.0874
NE+4.35	C24	231	B242	0.6	-454.5915	12.6556	344.8877	0.362	175.7803	2.3971
NE+3.30	C7	257	Pprop	0	-81.3337	-0.8015	-5.8349	-0.0079	-5.3357	-1.2101
NE+3.30	C7	257	Pprop	0.2591	-79.3693	-0.8015	-5.8349	-0.0079	-3.8239	-1.0024
NE+3.30	C7	257	Pprop	0.5182	-77.405	-0.8015	-5.8349	-0.0079	-2.3121	-0.7947
NE+3.30	C7	257	Pprop	0.7773	-75.4407	-0.8015	-5.8349	-0.0079	-0.8003	-0.5871
NE+3.30	C7	257	Pprop	1.0364	-73.4764	-0.8015	-5.8349	-0.0079	0.7114	-0.3794
NE+3.30	C7	257	Pprop	1.2955	-71.512	-0.8015	-5.8349	-0.0079	2.2232	-0.1718
NE+3.30	C7	257	Pprop	1.5545	-69.5477	-0.8015	-5.8349	-0.0079	3.735	0.0359
NE+3.30	C7	257	Pprop	1.8136	-67.5834	-0.8015	-5.8349	-0.0079	5.2468	0.2435
NE+3.30	C7	257	Pprop	2.0727	-65.6191	-0.8015	-5.8349	-0.0079	6.7586	0.4512
NE+3.30	C7	257	Pprop	2.3318	-63.6547	-0.8015	-5.8349	-0.0079	8.2703	0.6588
NE+3.30	C7	257	Pprop	2.5909	-61.6904	-0.8015	-5.8349	-0.0079	9.7821	0.8665
NE+3.30	C7	257	Pprop	2.85	-59.7261	-0.8015	-5.8349	-0.0079	11.2939	1.0742
NE+3.30	C7	257	Viva	0	-111.1457	-0.419	-2.0858	-0.0498	-2.4223	-0.5041
NE+3.30	C7	257	Viva	0.2591	-111.1457	-0.419	-2.0858	-0.0498	-1.8818	-0.3955
NE+3.30	C7	257	Viva	0.5182	-111.1457	-0.419	-2.0858	-0.0498	-1.3414	-0.287
NE+3.30	C7	257	Viva	0.7773	-111.1457	-0.419	-2.0858	-0.0498	-0.801	-0.1784
NE+3.30	C7	257	Viva	1.0364	-111.1457	-0.419	-2.0858	-0.0498	-0.2606	-0.0699
NE+3.30	C7	257	Viva	1.2955	-111.1457	-0.419	-2.0858	-0.0498	0.2798	0.0387
NE+3.30	C7	257	Viva	1.5545	-111.1457	-0.419	-2.0858	-0.0498	0.8202	0.1472
NE+3.30	C7	257	Viva	1.8136	-111.1457	-0.419	-2.0858	-0.0498	1.3606	0.2558
NE+3.30	C7	257	Viva	2.0727	-111.1457	-0.419	-2.0858	-0.0498	1.901	0.3643
NE+3.30	C7	257	Viva	2.3318	-111.1457	-0.419	-2.0858	-0.0498	2.4414	0.4729
NE+3.30	C7	257	Viva	2.5909	-111.1457	-0.419	-2.0858	-0.0498	2.9818	0.5814
NE+3.30	C7	257	Viva	2.85	-111.1457	-0.419	-2.0858	-0.0498	3.5223	0.69

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C7	257	Psup	0	-115.094	-1.3245	-2.455	0.0074	1.0932	-2.1086
NE+3.30	C7	257	Psup	0.2591	-115.094	-1.3245	-2.455	0.0074	1.7293	-1.7654
NE+3.30	C7	257	Psup	0.5182	-115.094	-1.3245	-2.455	0.0074	2.3654	-1.4223
NE+3.30	C7	257	Psup	0.7773	-115.094	-1.3245	-2.455	0.0074	3.0014	-1.0791
NE+3.30	C7	257	Psup	1.0364	-115.094	-1.3245	-2.455	0.0074	3.6375	-0.7359
NE+3.30	C7	257	Psup	1.2955	-115.094	-1.3245	-2.455	0.0074	4.2735	-0.3928
NE+3.30	C7	257	Psup	1.5545	-115.094	-1.3245	-2.455	0.0074	4.9096	-0.0496
NE+3.30	C7	257	Psup	1.8136	-115.094	-1.3245	-2.455	0.0074	5.5457	0.2936
NE+3.30	C7	257	Psup	2.0727	-115.094	-1.3245	-2.455	0.0074	6.1817	0.6367
NE+3.30	C7	257	Psup	2.3318	-115.094	-1.3245	-2.455	0.0074	6.8178	0.9799
NE+3.30	C7	257	Psup	2.5909	-115.094	-1.3245	-2.455	0.0074	7.4538	1.323
NE+3.30	C7	257	Psup	2.85	-115.094	-1.3245	-2.455	0.0074	8.0899	1.6662
NE+3.30	C7	257	Viva.cub	0	-1.2703	-0.1979	0.1048	-0.0036	-0.3564	-0.3794
NE+3.30	C7	257	Viva.cub	0.2591	-1.2703	-0.1979	0.1048	-0.0036	-0.3835	-0.3282
NE+3.30	C7	257	Viva.cub	0.5182	-1.2703	-0.1979	0.1048	-0.0036	-0.4107	-0.2769
NE+3.30	C7	257	Viva.cub	0.7773	-1.2703	-0.1979	0.1048	-0.0036	-0.4378	-0.2256
NE+3.30	C7	257	Viva.cub	1.0364	-1.2703	-0.1979	0.1048	-0.0036	-0.465	-0.1744
NE+3.30	C7	257	Viva.cub	1.2955	-1.2703	-0.1979	0.1048	-0.0036	-0.4921	-0.1231
NE+3.30	C7	257	Viva.cub	1.5545	-1.2703	-0.1979	0.1048	-0.0036	-0.5193	-0.0718
NE+3.30	C7	257	Viva.cub	1.8136	-1.2703	-0.1979	0.1048	-0.0036	-0.5464	-0.0205
NE+3.30	C7	257	Viva.cub	2.0727	-1.2703	-0.1979	0.1048	-0.0036	-0.5736	0.0307
NE+3.30	C7	257	Viva.cub	2.3318	-1.2703	-0.1979	0.1048	-0.0036	-0.6007	0.082
NE+3.30	C7	257	Viva.cub	2.5909	-1.2703	-0.1979	0.1048	-0.0036	-0.6279	0.1333
NE+3.30	C7	257	Viva.cub	2.85	-1.2703	-0.1979	0.1048	-0.0036	-0.655	0.1846
NE+3.30	C7	257	DISX-COMB Max	0	43.4768	157.0195	49.4595	3.3816	121.2199	305.4415
NE+3.30	C7	257	DISX-COMB Max	0.2591	43.4768	157.0195	49.4595	3.3816	108.4054	264.7592
NE+3.30	C7	257	DISX-COMB Max	0.5182	43.4768	157.0195	49.4595	3.3816	95.5909	224.0769
NE+3.30	C7	257	DISX-COMB Max	0.7773	43.4768	157.0195	49.4595	3.3816	82.7764	183.3947
NE+3.30	C7	257	DISX-COMB Max	1.0364	43.4768	157.0195	49.4595	3.3816	69.962	142.7124
NE+3.30	C7	257	DISX-COMB Max	1.2955	43.4768	157.0195	49.4595	3.3816	57.1475	102.0302
NE+3.30	C7	257	DISX-COMB Max	1.5545	43.4768	157.0195	49.4595	3.3816	44.3331	61.3483
NE+3.30	C7	257	DISX-COMB Max	1.8136	43.4768	157.0195	49.4595	3.3816	31.5188	20.6678
NE+3.30	C7	257	DISX-COMB Max	2.0727	43.4768	157.0195	49.4595	3.3816	18.7047	20.0201
NE+3.30	C7	257	DISX-COMB Max	2.3318	43.4768	157.0195	49.4595	3.3816	5.8925	60.7006
NE+3.30	C7	257	DISX-COMB Max	2.5909	43.4768	157.0195	49.4595	3.3816	6.9281	101.3825
NE+3.30	C7	257	DISX-COMB Max	2.85	43.4768	157.0195	49.4595	3.3816	19.7408	142.0647
NE+3.30	C7	257	DISY-COMB Max	0	218.897	29.5561	196.4825	3.9043	482.4526	57.4254
NE+3.30	C7	257	DISY-COMB Max	0.2591	218.897	29.5561	196.4825	3.9043	431.5457	49.7678
NE+3.30	C7	257	DISY-COMB Max	0.5182	218.897	29.5561	196.4825	3.9043	380.6389	42.1103
NE+3.30	C7	257	DISY-COMB Max	0.7773	218.897	29.5561	196.4825	3.9043	329.7321	34.4528
NE+3.30	C7	257	DISY-COMB Max	1.0364	218.897	29.5561	196.4825	3.9043	278.8253	26.7955
NE+3.30	C7	257	DISY-COMB Max	1.2955	218.897	29.5561	196.4825	3.9043	227.9184	19.1386
NE+3.30	C7	257	DISY-COMB Max	1.5545	218.897	29.5561	196.4825	3.9043	177.0116	11.4827
NE+3.30	C7	257	DISY-COMB Max	1.8136	218.897	29.5561	196.4825	3.9043	126.1048	3.8342
NE+3.30	C7	257	DISY-COMB Max	2.0727	218.897	29.5561	196.4825	3.9043	75.198	3.851

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C7	257	DISY-COMB Max	2.3318	218.897	29.5561	196.4825	3.9043	24.2914	11.4996
NE+3.30	C7	257	DISY-COMB Max	2.5909	218.897	29.5561	196.4825	3.9043	26.616	19.1555
NE+3.30	C7	257	DISY-COMB Max	2.85	218.897	29.5561	196.4825	3.9043	77.5227	26.8124
NE+3.30	C7	257	B241	0	-254.6284	-2.7559	-10.7462	-0.0006	-5.4995	-4.302
NE+3.30	C7	257	B241	0.2591	-252.0821	-2.7559	-10.7462	-0.0006	-2.7152	-3.5879
NE+3.30	C7	257	B241	0.5182	-249.5357	-2.7559	-10.7462	-0.0006	0.069	-2.8739
NE+3.30	C7	257	B241	0.7773	-246.9894	-2.7559	-10.7462	-0.0006	2.8532	-2.1599
NE+3.30	C7	257	B241	1.0364	-244.4431	-2.7559	-10.7462	-0.0006	5.6375	-1.4459
NE+3.30	C7	257	B241	1.2955	-241.8967	-2.7559	-10.7462	-0.0006	8.4217	-0.7318
NE+3.30	C7	257	B241	1.5545	-239.3504	-2.7559	-10.7462	-0.0006	11.206	-0.0178
NE+3.30	C7	257	B241	1.8136	-236.804	-2.7559	-10.7462	-0.0006	13.9902	0.6962
NE+3.30	C7	257	B241	2.0727	-234.2577	-2.7559	-10.7462	-0.0006	16.7744	1.4103
NE+3.30	C7	257	B241	2.3318	-231.7113	-2.7559	-10.7462	-0.0006	19.5587	2.1243
NE+3.30	C7	257	B241	2.5909	-229.165	-2.7559	-10.7462	-0.0006	22.3429	2.8383
NE+3.30	C7	257	B241	2.85	-226.6186	-2.7559	-10.7462	-0.0006	25.1271	3.5523
NE+3.30	C7	257	B242	0	-396.7212	-3.1315	-12.4959	-0.082	-8.7676	-4.6836
NE+3.30	C7	257	B242	0.2591	-394.5386	-3.1315	-12.4959	-0.082	-5.5301	-3.8723
NE+3.30	C7	257	B242	0.5182	-392.3561	-3.1315	-12.4959	-0.082	-2.2925	-3.061
NE+3.30	C7	257	B242	0.7773	-390.1735	-3.1315	-12.4959	-0.082	0.9451	-2.2496
NE+3.30	C7	257	B242	1.0364	-387.9909	-3.1315	-12.4959	-0.082	4.1827	-1.4383
NE+3.30	C7	257	B242	1.2955	-385.8083	-3.1315	-12.4959	-0.082	7.4202	-0.627
NE+3.30	C7	257	B242	1.5545	-383.6257	-3.1315	-12.4959	-0.082	10.6578	0.1844
NE+3.30	C7	257	B242	1.8136	-381.4431	-3.1315	-12.4959	-0.082	13.8954	0.9957
NE+3.30	C7	257	B242	2.0727	-379.2606	-3.1315	-12.4959	-0.082	17.1329	1.8071
NE+3.30	C7	257	B242	2.3318	-377.078	-3.1315	-12.4959	-0.082	20.3705	2.6184
NE+3.30	C7	257	B242	2.5909	-374.8954	-3.1315	-12.4959	-0.082	23.6081	3.4297
NE+3.30	C7	257	B242	2.85	-372.7128	-3.1315	-12.4959	-0.082	26.8457	4.2411
NE+3.30	C8	282	Pprop	0	-54.7998	3.2076	-2.5471	-0.0079	-1.9927	3.0819
NE+3.30	C8	282	Pprop	0.2591	-52.8355	3.2076	-2.5471	-0.0079	-1.3328	2.2508
NE+3.30	C8	282	Pprop	0.5182	-50.8711	3.2076	-2.5471	-0.0079	-0.6729	1.4197
NE+3.30	C8	282	Pprop	0.7773	-48.9068	3.2076	-2.5471	-0.0079	-0.0129	0.5887
NE+3.30	C8	282	Pprop	1.0364	-46.9425	3.2076	-2.5471	-0.0079	0.647	-0.2424
NE+3.30	C8	282	Pprop	1.2955	-44.9782	3.2076	-2.5471	-0.0079	1.3069	-1.0735
NE+3.30	C8	282	Pprop	1.5545	-43.0138	3.2076	-2.5471	-0.0079	1.9669	-1.9045
NE+3.30	C8	282	Pprop	1.8136	-41.0495	3.2076	-2.5471	-0.0079	2.6268	-2.7356
NE+3.30	C8	282	Pprop	2.0727	-39.0852	3.2076	-2.5471	-0.0079	3.2868	-3.5666
NE+3.30	C8	282	Pprop	2.3318	-37.1209	3.2076	-2.5471	-0.0079	3.9467	-4.3977
NE+3.30	C8	282	Pprop	2.5909	-35.1565	3.2076	-2.5471	-0.0079	4.6066	-5.2288
NE+3.30	C8	282	Pprop	2.85	-33.1922	3.2076	-2.5471	-0.0079	5.2666	-6.0598
NE+3.30	C8	282	Viva	0	-49.5397	5.9777	-0.8825	-0.0498	-1.6248	6.3439
NE+3.30	C8	282	Viva	0.2591	-49.5397	5.9777	-0.8825	-0.0498	-1.3961	4.7951
NE+3.30	C8	282	Viva	0.5182	-49.5397	5.9777	-0.8825	-0.0498	-1.1675	3.2463
NE+3.30	C8	282	Viva	0.7773	-49.5397	5.9777	-0.8825	-0.0498	-0.9388	1.6975
NE+3.30	C8	282	Viva	1.0364	-49.5397	5.9777	-0.8825	-0.0498	-0.7102	0.1488
NE+3.30	C8	282	Viva	1.2955	-49.5397	5.9777	-0.8825	-0.0498	-0.4815	-1.4

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C8	282	Viva	1.5545	-49.5397	5.9777	-0.8825	-0.0498	-0.2529	-2.9488
NE+3.30	C8	282	Viva	1.8136	-49.5397	5.9777	-0.8825	-0.0498	-0.0242	-4.4976
NE+3.30	C8	282	Viva	2.0727	-49.5397	5.9777	-0.8825	-0.0498	0.2044	-6.0463
NE+3.30	C8	282	Viva	2.3318	-49.5397	5.9777	-0.8825	-0.0498	0.4331	-7.5951
NE+3.30	C8	282	Viva	2.5909	-49.5397	5.9777	-0.8825	-0.0498	0.6617	-9.1439
NE+3.30	C8	282	Viva	2.85	-49.5397	5.9777	-0.8825	-0.0498	0.8904	-10.6927
NE+3.30	C8	282	Psup	0	-54.6668	6.3722	0.8658	0.0074	4.6096	6.1311
NE+3.30	C8	282	Psup	0.2591	-54.6668	6.3722	0.8658	0.0074	4.3852	4.4801
NE+3.30	C8	282	Psup	0.5182	-54.6668	6.3722	0.8658	0.0074	4.1609	2.8291
NE+3.30	C8	282	Psup	0.7773	-54.6668	6.3722	0.8658	0.0074	3.9366	1.1781
NE+3.30	C8	282	Psup	1.0364	-54.6668	6.3722	0.8658	0.0074	3.7123	-0.4729
NE+3.30	C8	282	Psup	1.2955	-54.6668	6.3722	0.8658	0.0074	3.488	-2.1238
NE+3.30	C8	282	Psup	1.5545	-54.6668	6.3722	0.8658	0.0074	3.2637	-3.7748
NE+3.30	C8	282	Psup	1.8136	-54.6668	6.3722	0.8658	0.0074	3.0394	-5.4258
NE+3.30	C8	282	Psup	2.0727	-54.6668	6.3722	0.8658	0.0074	2.8151	-7.0768
NE+3.30	C8	282	Psup	2.3318	-54.6668	6.3722	0.8658	0.0074	2.5908	-8.7277
NE+3.30	C8	282	Psup	2.5909	-54.6668	6.3722	0.8658	0.0074	2.3665	-10.3787
NE+3.30	C8	282	Psup	2.85	-54.6668	6.3722	0.8658	0.0074	2.1421	-12.0297
NE+3.30	C8	282	Viva.cub	0	-0.6251	-0.1068	0.0653	-0.0036	-0.4303	-0.2819
NE+3.30	C8	282	Viva.cub	0.2591	-0.6251	-0.1068	0.0653	-0.0036	-0.4473	-0.2542
NE+3.30	C8	282	Viva.cub	0.5182	-0.6251	-0.1068	0.0653	-0.0036	-0.4642	-0.2266
NE+3.30	C8	282	Viva.cub	0.7773	-0.6251	-0.1068	0.0653	-0.0036	-0.4811	-0.1989
NE+3.30	C8	282	Viva.cub	1.0364	-0.6251	-0.1068	0.0653	-0.0036	-0.498	-0.1712
NE+3.30	C8	282	Viva.cub	1.2955	-0.6251	-0.1068	0.0653	-0.0036	-0.5149	-0.1436
NE+3.30	C8	282	Viva.cub	1.5545	-0.6251	-0.1068	0.0653	-0.0036	-0.5318	-0.1159
NE+3.30	C8	282	Viva.cub	1.8136	-0.6251	-0.1068	0.0653	-0.0036	-0.5488	-0.0882
NE+3.30	C8	282	Viva.cub	2.0727	-0.6251	-0.1068	0.0653	-0.0036	-0.5657	-0.0606
NE+3.30	C8	282	Viva.cub	2.3318	-0.6251	-0.1068	0.0653	-0.0036	-0.5826	-0.0329
NE+3.30	C8	282	Viva.cub	2.5909	-0.6251	-0.1068	0.0653	-0.0036	-0.5995	-0.0053
NE+3.30	C8	282	Viva.cub	2.85	-0.6251	-0.1068	0.0653	-0.0036	-0.6164	0.0224
NE+3.30	C8	282	DISX-COMB Max	0	166.2015	133.0878	67.1687	3.3816	168.8779	279.8156
NE+3.30	C8	282	DISX-COMB Max	0.2591	166.2015	133.0878	67.1687	3.3816	151.4767	245.3346
NE+3.30	C8	282	DISX-COMB Max	0.5182	166.2015	133.0878	67.1687	3.3816	134.0759	210.8538
NE+3.30	C8	282	DISX-COMB Max	0.7773	166.2015	133.0878	67.1687	3.3816	116.6756	176.3736
NE+3.30	C8	282	DISX-COMB Max	1.0364	166.2015	133.0878	67.1687	3.3816	99.2763	141.894
NE+3.30	C8	282	DISX-COMB Max	1.2955	166.2015	133.0878	67.1687	3.3816	81.8784	107.416
NE+3.30	C8	282	DISX-COMB Max	1.5545	166.2015	133.0878	67.1687	3.3816	64.4831	72.9415
NE+3.30	C8	282	DISX-COMB Max	1.8136	166.2015	133.0878	67.1687	3.3816	47.0934	38.4801
NE+3.30	C8	282	DISX-COMB Max	2.0727	166.2015	133.0878	67.1687	3.3816	29.7191	4.356
NE+3.30	C8	282	DISX-COMB Max	2.3318	166.2015	133.0878	67.1687	3.3816	12.4248	30.5815
NE+3.30	C8	282	DISX-COMB Max	2.5909	166.2015	133.0878	67.1687	3.3816	5.5893	65.0344
NE+3.30	C8	282	DISX-COMB Max	2.85	166.2015	133.0878	67.1687	3.3816	22.6676	99.5073
NE+3.30	C8	282	DISY-COMB Max	0	211.3117	20.2075	212.385	3.9043	528.9449	47.2482
NE+3.30	C8	282	DISY-COMB Max	0.2591	211.3117	20.2075	212.385	3.9043	473.918	42.0378
NE+3.30	C8	282	DISY-COMB Max	0.5182	211.3117	20.2075	212.385	3.9043	418.891	36.8346

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C8	282	DISY-COMB Max	0.7773	211.3117	20.2075	212.385	3.9043	363.864	31.642
NE+3.30	C8	282	DISY-COMB Max	1.0364	211.3117	20.2075	212.385	3.9043	308.8371	26.4664
NE+3.30	C8	282	DISY-COMB Max	1.2955	211.3117	20.2075	212.385	3.9043	253.8103	21.32
NE+3.30	C8	282	DISY-COMB Max	1.5545	211.3117	20.2075	212.385	3.9043	198.7834	16.2309
NE+3.30	C8	282	DISY-COMB Max	1.8136	211.3117	20.2075	212.385	3.9043	143.7568	11.2766
NE+3.30	C8	282	DISY-COMB Max	2.0727	211.3117	20.2075	212.385	3.9043	88.7306	6.7605
NE+3.30	C8	282	DISY-COMB Max	2.3318	211.3117	20.2075	212.385	3.9043	33.7071	4.3669
NE+3.30	C8	282	DISY-COMB Max	2.5909	211.3117	20.2075	212.385	3.9043	21.3346	6.8745
NE+3.30	C8	282	DISY-COMB Max	2.85	211.3117	20.2075	212.385	3.9043	76.3551	11.4135
NE+3.30	C8	282	B241	0	-141.9011	12.4183	-2.1796	-0.0006	3.3922	11.9427
NE+3.30	C8	282	B241	0.2591	-139.3548	12.4183	-2.1796	-0.0006	3.9569	8.7252
NE+3.30	C8	282	B241	0.5182	-136.8084	12.4183	-2.1796	-0.0006	4.5216	5.5077
NE+3.30	C8	282	B241	0.7773	-134.2621	12.4183	-2.1796	-0.0006	5.0863	2.2903
NE+3.30	C8	282	B241	1.0364	-131.7158	12.4183	-2.1796	-0.0006	5.651	-0.9272
NE+3.30	C8	282	B241	1.2955	-129.1694	12.4183	-2.1796	-0.0006	6.2157	-4.1446
NE+3.30	C8	282	B241	1.5545	-126.6231	12.4183	-2.1796	-0.0006	6.7804	-7.3621
NE+3.30	C8	282	B241	1.8136	-124.0767	12.4183	-2.1796	-0.0006	7.3451	-10.5795
NE+3.30	C8	282	B241	2.0727	-121.5304	12.4183	-2.1796	-0.0006	7.9098	-13.797
NE+3.30	C8	282	B241	2.3318	-118.984	12.4183	-2.1796	-0.0006	8.4745	-17.0145
NE+3.30	C8	282	B241	2.5909	-116.4377	12.4183	-2.1796	-0.0006	9.0392	-20.2319
NE+3.30	C8	282	B241	2.85	-113.8913	12.4183	-2.1796	-0.0006	9.6039	-23.4494
NE+3.30	C8	282	B242	0	-201.2056	20.1552	-3.2476	-0.082	0.0927	20.2458
NE+3.30	C8	282	B242	0.2591	-199.023	20.1552	-3.2476	-0.082	0.9341	15.0238
NE+3.30	C8	282	B242	0.5182	-196.8404	20.1552	-3.2476	-0.082	1.7756	9.8018
NE+3.30	C8	282	B242	0.7773	-194.6578	20.1552	-3.2476	-0.082	2.617	4.5797
NE+3.30	C8	282	B242	1.0364	-192.4752	20.1552	-3.2476	-0.082	3.4584	-0.6423
NE+3.30	C8	282	B242	1.2955	-190.2927	20.1552	-3.2476	-0.082	4.2998	-5.8643
NE+3.30	C8	282	B242	1.5545	-188.1101	20.1552	-3.2476	-0.082	5.1412	-11.0864
NE+3.30	C8	282	B242	1.8136	-185.9275	20.1552	-3.2476	-0.082	5.9827	-16.3084
NE+3.30	C8	282	B242	2.0727	-183.7449	20.1552	-3.2476	-0.082	6.8241	-21.5304
NE+3.30	C8	282	B242	2.3318	-181.5623	20.1552	-3.2476	-0.082	7.6655	-26.7525
NE+3.30	C8	282	B242	2.5909	-179.3798	20.1552	-3.2476	-0.082	8.5069	-31.9745
NE+3.30	C8	282	B242	2.85	-177.1972	20.1552	-3.2476	-0.082	9.3483	-37.1965
NE+3.30	C17	247	Pprop	0	-164.3396	7.0182	5.1487	-0.0079	6.1335	7.1447
NE+3.30	C17	247	Pprop	0.25	-162.4442	7.0182	5.1487	-0.0079	4.8463	5.3902
NE+3.30	C17	247	Pprop	0.5	-160.5488	7.0182	5.1487	-0.0079	3.5591	3.6356
NE+3.30	C17	247	Pprop	0.75	-158.6534	7.0182	5.1487	-0.0079	2.2719	1.8811
NE+3.30	C17	247	Pprop	1	-156.758	7.0182	5.1487	-0.0079	0.9847	0.1265
NE+3.30	C17	247	Pprop	1.25	-154.8626	7.0182	5.1487	-0.0079	-0.3025	-1.628
NE+3.30	C17	247	Pprop	1.5	-152.9672	7.0182	5.1487	-0.0079	-1.5896	-3.3826
NE+3.30	C17	247	Pprop	1.75	-151.0718	7.0182	5.1487	-0.0079	-2.8768	-5.1371
NE+3.30	C17	247	Pprop	2	-149.1764	7.0182	5.1487	-0.0079	-4.164	-6.8917
NE+3.30	C17	247	Pprop	2.25	-147.281	7.0182	5.1487	-0.0079	-5.4512	-8.6462
NE+3.30	C17	247	Pprop	2.5	-145.3856	7.0182	5.1487	-0.0079	-6.7384	-10.4007
NE+3.30	C17	247	Pprop	2.75	-143.4902	7.0182	5.1487	-0.0079	-8.0256	-12.1553

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C17	247	Viva	0	-126.3396	7.419	0.1677	-0.0498	0.3102	7.7824
NE+3.30	C17	247	Viva	0.25	-126.3396	7.419	0.1677	-0.0498	0.2683	5.9277
NE+3.30	C17	247	Viva	0.5	-126.3396	7.419	0.1677	-0.0498	0.2264	4.0729
NE+3.30	C17	247	Viva	0.75	-126.3396	7.419	0.1677	-0.0498	0.1844	2.2182
NE+3.30	C17	247	Viva	1	-126.3396	7.419	0.1677	-0.0498	0.1425	0.3634
NE+3.30	C17	247	Viva	1.25	-126.3396	7.419	0.1677	-0.0498	0.1006	-1.4914
NE+3.30	C17	247	Viva	1.5	-126.3396	7.419	0.1677	-0.0498	0.0587	-3.3461
NE+3.30	C17	247	Viva	1.75	-126.3396	7.419	0.1677	-0.0498	0.0167	-5.2009
NE+3.30	C17	247	Viva	2	-126.3396	7.419	0.1677	-0.0498	-0.0252	-7.0556
NE+3.30	C17	247	Viva	2.25	-126.3396	7.419	0.1677	-0.0498	-0.0671	-8.9104
NE+3.30	C17	247	Viva	2.5	-126.3396	7.419	0.1677	-0.0498	-0.109	-10.7651
NE+3.30	C17	247	Viva	2.75	-126.3396	7.419	0.1677	-0.0498	-0.151	-12.6199
NE+3.30	C17	247	Psup	0	-268.9875	17.1078	14.1613	0.0074	18.2914	17.6396
NE+3.30	C17	247	Psup	0.25	-268.9875	17.1078	14.1613	0.0074	14.7511	13.3626
NE+3.30	C17	247	Psup	0.5	-268.9875	17.1078	14.1613	0.0074	11.2107	9.0857
NE+3.30	C17	247	Psup	0.75	-268.9875	17.1078	14.1613	0.0074	7.6704	4.8088
NE+3.30	C17	247	Psup	1	-268.9875	17.1078	14.1613	0.0074	4.1301	0.5318
NE+3.30	C17	247	Psup	1.25	-268.9875	17.1078	14.1613	0.0074	0.5897	-3.7451
NE+3.30	C17	247	Psup	1.5	-268.9875	17.1078	14.1613	0.0074	-2.9506	-8.0221
NE+3.30	C17	247	Psup	1.75	-268.9875	17.1078	14.1613	0.0074	-6.4909	-12.299
NE+3.30	C17	247	Psup	2	-268.9875	17.1078	14.1613	0.0074	-10.0313	-16.5759
NE+3.30	C17	247	Psup	2.25	-268.9875	17.1078	14.1613	0.0074	-13.5716	-20.8529
NE+3.30	C17	247	Psup	2.5	-268.9875	17.1078	14.1613	0.0074	-17.112	-25.1298
NE+3.30	C17	247	Psup	2.75	-268.9875	17.1078	14.1613	0.0074	-20.6523	-29.4067
NE+3.30	C17	247	Viva.cub	0	-85.2425	-0.2391	0.4991	-0.0036	0.0817	-0.4312
NE+3.30	C17	247	Viva.cub	0.25	-85.2425	-0.2391	0.4991	-0.0036	-0.0431	-0.3714
NE+3.30	C17	247	Viva.cub	0.5	-85.2425	-0.2391	0.4991	-0.0036	-0.1678	-0.3116
NE+3.30	C17	247	Viva.cub	0.75	-85.2425	-0.2391	0.4991	-0.0036	-0.2926	-0.2518
NE+3.30	C17	247	Viva.cub	1	-85.2425	-0.2391	0.4991	-0.0036	-0.4174	-0.1921
NE+3.30	C17	247	Viva.cub	1.25	-85.2425	-0.2391	0.4991	-0.0036	-0.5421	-0.1323
NE+3.30	C17	247	Viva.cub	1.5	-85.2425	-0.2391	0.4991	-0.0036	-0.6669	-0.0725
NE+3.30	C17	247	Viva.cub	1.75	-85.2425	-0.2391	0.4991	-0.0036	-0.7917	-0.0127
NE+3.30	C17	247	Viva.cub	2	-85.2425	-0.2391	0.4991	-0.0036	-0.9165	0.047
NE+3.30	C17	247	Viva.cub	2.25	-85.2425	-0.2391	0.4991	-0.0036	-1.0412	0.1068
NE+3.30	C17	247	Viva.cub	2.5	-85.2425	-0.2391	0.4991	-0.0036	-1.166	0.1666
NE+3.30	C17	247	Viva.cub	2.75	-85.2425	-0.2391	0.4991	-0.0036	-1.2908	0.2264
NE+3.30	C17	247	DISX-COMB Max	0	37.9337	197.6937	57.8926	3.3816	106.1276	353.5378
NE+3.30	C17	247	DISX-COMB Max	0.25	37.9337	197.6937	57.8926	3.3816	91.6554	304.1144
NE+3.30	C17	247	DISX-COMB Max	0.5	37.9337	197.6937	57.8926	3.3816	77.1836	254.6911
NE+3.30	C17	247	DISX-COMB Max	0.75	37.9337	197.6937	57.8926	3.3816	62.7125	205.2677
NE+3.30	C17	247	DISX-COMB Max	1	37.9337	197.6937	57.8926	3.3816	48.2426	155.8444
NE+3.30	C17	247	DISX-COMB Max	1.25	37.9337	197.6937	57.8926	3.3816	33.7754	106.4211
NE+3.30	C17	247	DISX-COMB Max	1.5	37.9337	197.6937	57.8926	3.3816	19.3172	56.9981
NE+3.30	C17	247	DISX-COMB Max	1.75	37.9337	197.6937	57.8926	3.3816	4.9468	7.5805
NE+3.30	C17	247	DISX-COMB Max	2	37.9337	197.6937	57.8926	3.3816	9.7331	41.8508

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C17	247	DISX-COMB Max	2.25	37.9337	197.6937	57.8926	3.3816	24.1648	91.2736
NE+3.30	C17	247	DISX-COMB Max	2.5	37.9337	197.6937	57.8926	3.3816	38.6276	140.6968
NE+3.30	C17	247	DISX-COMB Max	2.75	37.9337	197.6937	57.8926	3.3816	53.096	190.1201
NE+3.30	C17	247	DISY-COMB Max	0	143.1048	24.8469	312.727	3.9043	578.3315	44.8782
NE+3.30	C17	247	DISY-COMB Max	0.25	143.1048	24.8469	312.727	3.9043	500.1497	38.6675
NE+3.30	C17	247	DISY-COMB Max	0.5	143.1048	24.8469	312.727	3.9043	421.968	32.4571
NE+3.30	C17	247	DISY-COMB Max	0.75	143.1048	24.8469	312.727	3.9043	343.7863	26.2474
NE+3.30	C17	247	DISY-COMB Max	1	143.1048	24.8469	312.727	3.9043	265.6045	20.0389
NE+3.30	C17	247	DISY-COMB Max	1.25	143.1048	24.8469	312.727	3.9043	187.4228	13.8333
NE+3.30	C17	247	DISY-COMB Max	1.5	143.1048	24.8469	312.727	3.9043	109.2411	7.6376
NE+3.30	C17	247	DISY-COMB Max	1.75	143.1048	24.8469	312.727	3.9043	31.0597	1.5738
NE+3.30	C17	247	DISY-COMB Max	2	143.1048	24.8469	312.727	3.9043	47.1229	4.8777
NE+3.30	C17	247	DISY-COMB Max	2.25	143.1048	24.8469	312.727	3.9043	125.3044	11.0579
NE+3.30	C17	247	DISY-COMB Max	2.5	143.1048	24.8469	312.727	3.9043	203.4861	17.2607
NE+3.30	C17	247	DISY-COMB Max	2.75	143.1048	24.8469	312.727	3.9043	281.6679	23.4683
NE+3.30	C17	247	B241	0	-561.7203	31.2744	25.0316	-0.0006	31.6619	32.1278
NE+3.30	C17	247	B241	0.25	-559.2633	31.2744	25.0316	-0.0006	25.404	24.3092
NE+3.30	C17	247	B241	0.5	-556.8063	31.2744	25.0316	-0.0006	19.1461	16.4906
NE+3.30	C17	247	B241	0.75	-554.3493	31.2744	25.0316	-0.0006	12.8882	8.672
NE+3.30	C17	247	B241	1	-551.8923	31.2744	25.0316	-0.0006	6.6303	0.8534
NE+3.30	C17	247	B241	1.25	-549.4353	31.2744	25.0316	-0.0006	0.3724	-6.9652
NE+3.30	C17	247	B241	1.5	-546.9783	31.2744	25.0316	-0.0006	-5.8855	-14.7838
NE+3.30	C17	247	B241	1.75	-544.5213	31.2744	25.0316	-0.0006	-12.1434	-22.6024
NE+3.30	C17	247	B241	2	-542.0643	31.2744	25.0316	-0.0006	-18.4013	-30.4209
NE+3.30	C17	247	B241	2.25	-539.6073	31.2744	25.0316	-0.0006	-24.6592	-38.2395
NE+3.30	C17	247	B241	2.5	-537.1503	31.2744	25.0316	-0.0006	-30.9171	-46.0581
NE+3.30	C17	247	B241	2.75	-534.6933	31.2744	25.0316	-0.0006	-37.175	-53.8767
NE+3.30	C17	247	B242	0	-726.2391	38.5575	21.9735	-0.082	27.676	39.7744
NE+3.30	C17	247	B242	0.25	-724.1331	38.5575	21.9735	-0.082	22.1826	30.135
NE+3.30	C17	247	B242	0.5	-722.0271	38.5575	21.9735	-0.082	16.6892	20.4957
NE+3.30	C17	247	B242	0.75	-719.9211	38.5575	21.9735	-0.082	11.1958	10.8563
NE+3.30	C17	247	B242	1	-717.8151	38.5575	21.9735	-0.082	5.7024	1.2169
NE+3.30	C17	247	B242	1.25	-715.7091	38.5575	21.9735	-0.082	0.2091	-8.4225
NE+3.30	C17	247	B242	1.5	-713.6031	38.5575	21.9735	-0.082	-5.2843	-18.0618
NE+3.30	C17	247	B242	1.75	-711.4971	38.5575	21.9735	-0.082	-10.7777	-27.7012
NE+3.30	C17	247	B242	2	-709.3911	38.5575	21.9735	-0.082	-16.2711	-37.3406
NE+3.30	C17	247	B242	2.25	-707.2851	38.5575	21.9735	-0.082	-21.7645	-46.98
NE+3.30	C17	247	B242	2.5	-705.1791	38.5575	21.9735	-0.082	-27.2578	-56.6193
NE+3.30	C17	247	B242	2.75	-703.0731	38.5575	21.9735	-0.082	-32.7512	-66.2587
NE+3.30	C18	262	Pprop	0	-147.823	-1.8404	8.2065	-0.0079	9.247	-2.3388
NE+3.30	C18	262	Pprop	0.25	-145.9276	-1.8404	8.2065	-0.0079	7.1954	-1.8787
NE+3.30	C18	262	Pprop	0.5	-144.0322	-1.8404	8.2065	-0.0079	5.1437	-1.4186
NE+3.30	C18	262	Pprop	0.75	-142.1368	-1.8404	8.2065	-0.0079	3.0921	-0.9585
NE+3.30	C18	262	Pprop	1	-140.2414	-1.8404	8.2065	-0.0079	1.0405	-0.4984
NE+3.30	C18	262	Pprop	1.25	-138.346	-1.8404	8.2065	-0.0079	-1.0111	-0.0383

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C18	262	Pprop	1.5	-136.4506	-1.8404	8.2065	-0.0079	-3.0628	0.4218
NE+3.30	C18	262	Pprop	1.75	-134.5552	-1.8404	8.2065	-0.0079	-5.1144	0.8819
NE+3.30	C18	262	Pprop	2	-132.6598	-1.8404	8.2065	-0.0079	-7.166	1.342
NE+3.30	C18	262	Pprop	2.25	-130.7644	-1.8404	8.2065	-0.0079	-9.2176	1.8021
NE+3.30	C18	262	Pprop	2.5	-128.869	-1.8404	8.2065	-0.0079	-11.2693	2.2622
NE+3.30	C18	262	Pprop	2.75	-126.9736	-1.8404	8.2065	-0.0079	-13.3209	2.7223
NE+3.30	C18	262	Viva	0	-106.1049	-0.894	4.9425	-0.0498	4.877	-1.117
NE+3.30	C18	262	Viva	0.25	-106.1049	-0.894	4.9425	-0.0498	3.6413	-0.8935
NE+3.30	C18	262	Viva	0.5	-106.1049	-0.894	4.9425	-0.0498	2.4057	-0.67
NE+3.30	C18	262	Viva	0.75	-106.1049	-0.894	4.9425	-0.0498	1.1701	-0.4465
NE+3.30	C18	262	Viva	1	-106.1049	-0.894	4.9425	-0.0498	-0.0656	-0.223
NE+3.30	C18	262	Viva	1.25	-106.1049	-0.894	4.9425	-0.0498	-1.3012	0.0005
NE+3.30	C18	262	Viva	1.5	-106.1049	-0.894	4.9425	-0.0498	-2.5368	0.224
NE+3.30	C18	262	Viva	1.75	-106.1049	-0.894	4.9425	-0.0498	-3.7725	0.4474
NE+3.30	C18	262	Viva	2	-106.1049	-0.894	4.9425	-0.0498	-5.0081	0.6709
NE+3.30	C18	262	Viva	2.25	-106.1049	-0.894	4.9425	-0.0498	-6.2437	0.8944
NE+3.30	C18	262	Viva	2.5	-106.1049	-0.894	4.9425	-0.0498	-7.4793	1.1179
NE+3.30	C18	262	Viva	2.75	-106.1049	-0.894	4.9425	-0.0498	-8.715	1.3414
NE+3.30	C18	262	Psup	0	-267.0921	-3.012	31.4128	0.0074	36.2664	-3.8996
NE+3.30	C18	262	Psup	0.25	-267.0921	-3.012	31.4128	0.0074	28.4132	-3.1466
NE+3.30	C18	262	Psup	0.5	-267.0921	-3.012	31.4128	0.0074	20.56	-2.3936
NE+3.30	C18	262	Psup	0.75	-267.0921	-3.012	31.4128	0.0074	12.7068	-1.6405
NE+3.30	C18	262	Psup	1	-267.0921	-3.012	31.4128	0.0074	4.8536	-0.8875
NE+3.30	C18	262	Psup	1.25	-267.0921	-3.012	31.4128	0.0074	-2.9995	-0.1345
NE+3.30	C18	262	Psup	1.5	-267.0921	-3.012	31.4128	0.0074	-10.8527	0.6185
NE+3.30	C18	262	Psup	1.75	-267.0921	-3.012	31.4128	0.0074	-18.7059	1.3715
NE+3.30	C18	262	Psup	2	-267.0921	-3.012	31.4128	0.0074	-26.5591	2.1245
NE+3.30	C18	262	Psup	2.25	-267.0921	-3.012	31.4128	0.0074	-34.4123	2.8775
NE+3.30	C18	262	Psup	2.5	-267.0921	-3.012	31.4128	0.0074	-42.2655	3.6305
NE+3.30	C18	262	Psup	2.75	-267.0921	-3.012	31.4128	0.0074	-50.1187	4.3835
NE+3.30	C18	262	Viva.cub	0	-85.3669	-0.2368	0.4671	-0.0036	0.0199	-0.4287
NE+3.30	C18	262	Viva.cub	0.25	-85.3669	-0.2368	0.4671	-0.0036	-0.0968	-0.3695
NE+3.30	C18	262	Viva.cub	0.5	-85.3669	-0.2368	0.4671	-0.0036	-0.2136	-0.3103
NE+3.30	C18	262	Viva.cub	0.75	-85.3669	-0.2368	0.4671	-0.0036	-0.3304	-0.2511
NE+3.30	C18	262	Viva.cub	1	-85.3669	-0.2368	0.4671	-0.0036	-0.4472	-0.1919
NE+3.30	C18	262	Viva.cub	1.25	-85.3669	-0.2368	0.4671	-0.0036	-0.564	-0.1327
NE+3.30	C18	262	Viva.cub	1.5	-85.3669	-0.2368	0.4671	-0.0036	-0.6807	-0.0735
NE+3.30	C18	262	Viva.cub	1.75	-85.3669	-0.2368	0.4671	-0.0036	-0.7975	-0.0143
NE+3.30	C18	262	Viva.cub	2	-85.3669	-0.2368	0.4671	-0.0036	-0.9143	0.0449
NE+3.30	C18	262	Viva.cub	2.25	-85.3669	-0.2368	0.4671	-0.0036	-1.0311	0.104
NE+3.30	C18	262	Viva.cub	2.5	-85.3669	-0.2368	0.4671	-0.0036	-1.1479	0.1632
NE+3.30	C18	262	Viva.cub	2.75	-85.3669	-0.2368	0.4671	-0.0036	-1.2646	0.2224
NE+3.30	C18	262	DISX-COMB Max	0	38.7661	200.7879	84.8017	3.3816	157.921	356.8505
NE+3.30	C18	262	DISX-COMB Max	0.25	38.7661	200.7879	84.8017	3.3816	136.721	306.6535
NE+3.30	C18	262	DISX-COMB Max	0.5	38.7661	200.7879	84.8017	3.3816	115.5212	256.4566

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C18	262	DISX-COMB Max	0.75	38.7661	200.7879	84.8017	3.3816	94.3216	206.2596
NE+3.30	C18	262	DISX-COMB Max	1	38.7661	200.7879	84.8017	3.3816	73.1225	156.0627
NE+3.30	C18	262	DISX-COMB Max	1.25	38.7661	200.7879	84.8017	3.3816	51.9245	105.8657
NE+3.30	C18	262	DISX-COMB Max	1.5	38.7661	200.7879	84.8017	3.3816	30.7298	55.6689
NE+3.30	C18	262	DISX-COMB Max	1.75	38.7661	200.7879	84.8017	3.3816	9.5603	5.4746
NE+3.30	C18	262	DISX-COMB Max	2	38.7661	200.7879	84.8017	3.3816	11.7216	44.7257
NE+3.30	C18	262	DISX-COMB Max	2.25	38.7661	200.7879	84.8017	3.3816	32.8985	94.9225
NE+3.30	C18	262	DISX-COMB Max	2.5	38.7661	200.7879	84.8017	3.3816	54.0938	145.1194
NE+3.30	C18	262	DISX-COMB Max	2.75	38.7661	200.7879	84.8017	3.3816	75.292	195.3163
NE+3.30	C18	262	DISY-COMB Max	0	165.5705	26.7069	342.3494	3.9043	633.9419	46.8756
NE+3.30	C18	262	DISY-COMB Max	0.25	165.5705	26.7069	342.3494	3.9043	548.3546	40.1992
NE+3.30	C18	262	DISY-COMB Max	0.5	165.5705	26.7069	342.3494	3.9043	462.7672	33.5228
NE+3.30	C18	262	DISY-COMB Max	0.75	165.5705	26.7069	342.3494	3.9043	377.1799	26.8467
NE+3.30	C18	262	DISY-COMB Max	1	165.5705	26.7069	342.3494	3.9043	291.5926	20.171
NE+3.30	C18	262	DISY-COMB Max	1.25	165.5705	26.7069	342.3494	3.9043	206.0053	13.4963
NE+3.30	C18	262	DISY-COMB Max	1.5	165.5705	26.7069	342.3494	3.9043	120.418	6.8254
NE+3.30	C18	262	DISY-COMB Max	1.75	165.5705	26.7069	342.3494	3.9043	34.8313	0.425
NE+3.30	C18	262	DISY-COMB Max	2	165.5705	26.7069	342.3494	3.9043	50.7575	6.5522
NE+3.30	C18	262	DISY-COMB Max	2.25	165.5705	26.7069	342.3494	3.9043	136.3445	13.2227
NE+3.30	C18	262	DISY-COMB Max	2.5	165.5705	26.7069	342.3494	3.9043	221.9318	19.8974
NE+3.30	C18	262	DISY-COMB Max	2.75	165.5705	26.7069	342.3494	3.9043	307.5191	26.5731
NE+3.30	C18	262	B241	0	-537.8529	-6.2902	51.3583	-0.0006	58.9989	-8.0868
NE+3.30	C18	262	B241	0.25	-535.3959	-6.2902	51.3583	-0.0006	46.1593	-6.5142
NE+3.30	C18	262	B241	0.5	-532.9389	-6.2902	51.3583	-0.0006	33.3197	-4.9417
NE+3.30	C18	262	B241	0.75	-530.4819	-6.2902	51.3583	-0.0006	20.4801	-3.3691
NE+3.30	C18	262	B241	1	-528.0249	-6.2902	51.3583	-0.0006	7.6406	-1.7966
NE+3.30	C18	262	B241	1.25	-525.5679	-6.2902	51.3583	-0.0006	-5.199	-0.2241
NE+3.30	C18	262	B241	1.5	-523.1109	-6.2902	51.3583	-0.0006	-18.0386	1.3485
NE+3.30	C18	262	B241	1.75	-520.6539	-6.2902	51.3583	-0.0006	-30.8782	2.921
NE+3.30	C18	262	B241	2	-518.1969	-6.2902	51.3583	-0.0006	-43.7177	4.4936
NE+3.30	C18	262	B241	2.25	-515.7399	-6.2902	51.3583	-0.0006	-56.5573	6.0661
NE+3.30	C18	262	B241	2.5	-513.2829	-6.2902	51.3583	-0.0006	-69.3969	7.6386
NE+3.30	C18	262	B241	2.75	-510.8259	-6.2902	51.3583	-0.0006	-82.2365	9.2112
NE+3.30	C18	262	B242	0	-673.4681	-6.9403	52.163	-0.082	58.3836	-8.9331
NE+3.30	C18	262	B242	0.25	-671.3621	-6.9403	52.163	-0.082	45.3428	-7.198
NE+3.30	C18	262	B242	0.5	-669.2561	-6.9403	52.163	-0.082	32.3021	-5.4629
NE+3.30	C18	262	B242	0.75	-667.1501	-6.9403	52.163	-0.082	19.2613	-3.7278
NE+3.30	C18	262	B242	1	-665.0441	-6.9403	52.163	-0.082	6.2206	-1.9928
NE+3.30	C18	262	B242	1.25	-662.9381	-6.9403	52.163	-0.082	-6.8202	-0.2577
NE+3.30	C18	262	B242	1.5	-660.8321	-6.9403	52.163	-0.082	-19.8609	1.4774
NE+3.30	C18	262	B242	1.75	-658.7261	-6.9403	52.163	-0.082	-32.9017	3.2125
NE+3.30	C18	262	B242	2	-656.6201	-6.9403	52.163	-0.082	-45.9424	4.9476
NE+3.30	C18	262	B242	2.25	-654.5141	-6.9403	52.163	-0.082	-58.9832	6.6827
NE+3.30	C18	262	B242	2.5	-652.4081	-6.9403	52.163	-0.082	-72.0239	8.4177
NE+3.30	C18	262	B242	2.75	-650.3021	-6.9403	52.163	-0.082	-85.0647	10.1528

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C19	277	Pprop	0	-116.0674	3.7235	5.8518	-0.0079	6.7299	3.6176
NE+3.30	C19	277	Pprop	0.25	-114.172	3.7235	5.8518	-0.0079	5.2669	2.6868
NE+3.30	C19	277	Pprop	0.5	-112.2766	3.7235	5.8518	-0.0079	3.804	1.7559
NE+3.30	C19	277	Pprop	0.75	-110.3812	3.7235	5.8518	-0.0079	2.3411	0.825
NE+3.30	C19	277	Pprop	1	-108.4858	3.7235	5.8518	-0.0079	0.8781	-0.1059
NE+3.30	C19	277	Pprop	1.25	-106.5904	3.7235	5.8518	-0.0079	-0.5848	-1.0368
NE+3.30	C19	277	Pprop	1.5	-104.695	3.7235	5.8518	-0.0079	-2.0478	-1.9677
NE+3.30	C19	277	Pprop	1.75	-102.7996	3.7235	5.8518	-0.0079	-3.5107	-2.8985
NE+3.30	C19	277	Pprop	2	-100.9042	3.7235	5.8518	-0.0079	-4.9736	-3.8294
NE+3.30	C19	277	Pprop	2.25	-99.0088	3.7235	5.8518	-0.0079	-6.4366	-4.7603
NE+3.30	C19	277	Pprop	2.5	-97.1134	3.7235	5.8518	-0.0079	-7.8995	-5.6912
NE+3.30	C19	277	Pprop	2.75	-95.218	3.7235	5.8518	-0.0079	-9.3625	-6.6221
NE+3.30	C19	277	Viva	0	-56.1728	3.1087	1.3664	-0.0498	0.7108	3.168
NE+3.30	C19	277	Viva	0.25	-56.1728	3.1087	1.3664	-0.0498	0.3692	2.3908
NE+3.30	C19	277	Viva	0.5	-56.1728	3.1087	1.3664	-0.0498	0.0276	1.6137
NE+3.30	C19	277	Viva	0.75	-56.1728	3.1087	1.3664	-0.0498	-0.314	0.8365
NE+3.30	C19	277	Viva	1	-56.1728	3.1087	1.3664	-0.0498	-0.6556	0.0593
NE+3.30	C19	277	Viva	1.25	-56.1728	3.1087	1.3664	-0.0498	-0.9972	-0.7178
NE+3.30	C19	277	Viva	1.5	-56.1728	3.1087	1.3664	-0.0498	-1.3388	-1.495
NE+3.30	C19	277	Viva	1.75	-56.1728	3.1087	1.3664	-0.0498	-1.6804	-2.2722
NE+3.30	C19	277	Viva	2	-56.1728	3.1087	1.3664	-0.0498	-2.022	-3.0493
NE+3.30	C19	277	Viva	2.25	-56.1728	3.1087	1.3664	-0.0498	-2.3636	-3.8265
NE+3.30	C19	277	Viva	2.5	-56.1728	3.1087	1.3664	-0.0498	-2.7052	-4.6037
NE+3.30	C19	277	Viva	2.75	-56.1728	3.1087	1.3664	-0.0498	-3.0468	-5.3808
NE+3.30	C19	277	Psup	0	-128.5375	5.5794	14.5226	0.0074	18.7928	5.2979
NE+3.30	C19	277	Psup	0.25	-128.5375	5.5794	14.5226	0.0074	15.1621	3.9031
NE+3.30	C19	277	Psup	0.5	-128.5375	5.5794	14.5226	0.0074	11.5315	2.5082
NE+3.30	C19	277	Psup	0.75	-128.5375	5.5794	14.5226	0.0074	7.9008	1.1134
NE+3.30	C19	277	Psup	1	-128.5375	5.5794	14.5226	0.0074	4.2702	-0.2815
NE+3.30	C19	277	Psup	1.25	-128.5375	5.5794	14.5226	0.0074	0.6396	-1.6763
NE+3.30	C19	277	Psup	1.5	-128.5375	5.5794	14.5226	0.0074	-2.9911	-3.0711
NE+3.30	C19	277	Psup	1.75	-128.5375	5.5794	14.5226	0.0074	-6.6217	-4.466
NE+3.30	C19	277	Psup	2	-128.5375	5.5794	14.5226	0.0074	-10.2523	-5.8608
NE+3.30	C19	277	Psup	2.25	-128.5375	5.5794	14.5226	0.0074	-13.883	-7.2557
NE+3.30	C19	277	Psup	2.5	-128.5375	5.5794	14.5226	0.0074	-17.5136	-8.6505
NE+3.30	C19	277	Psup	2.75	-128.5375	5.5794	14.5226	0.0074	-21.1443	-10.0454
NE+3.30	C19	277	Viva.cub	0	-85.5673	-0.2276	0.436	-0.0036	-0.0454	-0.4188
NE+3.30	C19	277	Viva.cub	0.25	-85.5673	-0.2276	0.436	-0.0036	-0.1544	-0.3619
NE+3.30	C19	277	Viva.cub	0.5	-85.5673	-0.2276	0.436	-0.0036	-0.2634	-0.305
NE+3.30	C19	277	Viva.cub	0.75	-85.5673	-0.2276	0.436	-0.0036	-0.3724	-0.2481
NE+3.30	C19	277	Viva.cub	1	-85.5673	-0.2276	0.436	-0.0036	-0.4813	-0.1913
NE+3.30	C19	277	Viva.cub	1.25	-85.5673	-0.2276	0.436	-0.0036	-0.5903	-0.1344
NE+3.30	C19	277	Viva.cub	1.5	-85.5673	-0.2276	0.436	-0.0036	-0.6993	-0.0775
NE+3.30	C19	277	Viva.cub	1.75	-85.5673	-0.2276	0.436	-0.0036	-0.8083	-0.0206
NE+3.30	C19	277	Viva.cub	2	-85.5673	-0.2276	0.436	-0.0036	-0.9173	0.0363

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C19	277	Viva.cub	2.25	-85.5673	-0.2276	0.436	-0.0036	-1.0263	0.0932
NE+3.30	C19	277	Viva.cub	2.5	-85.5673	-0.2276	0.436	-0.0036	-1.1353	0.1501
NE+3.30	C19	277	Viva.cub	2.75	-85.5673	-0.2276	0.436	-0.0036	-1.2443	0.207
NE+3.30	C19	277	DISX-COMB Max	0	41.5044	182.3802	117.252	3.3816	220.8694	337.1437
NE+3.30	C19	277	DISX-COMB Max	0.25	41.5044	182.3802	117.252	3.3816	191.5604	291.5487
NE+3.30	C19	277	DISX-COMB Max	0.5	41.5044	182.3802	117.252	3.3816	162.2528	245.9537
NE+3.30	C19	277	DISX-COMB Max	0.75	41.5044	182.3802	117.252	3.3816	132.9476	200.3588
NE+3.30	C19	277	DISX-COMB Max	1	41.5044	182.3802	117.252	3.3816	103.6468	154.764
NE+3.30	C19	277	DISX-COMB Max	1.25	41.5044	182.3802	117.252	3.3816	74.3555	109.1694
NE+3.30	C19	277	DISX-COMB Max	1.5	41.5044	182.3802	117.252	3.3816	45.0926	63.5754
NE+3.30	C19	277	DISX-COMB Max	1.75	41.5044	182.3802	117.252	3.3816	16.014	17.9871
NE+3.30	C19	277	DISX-COMB Max	2	41.5044	182.3802	117.252	3.3816	14.0732	27.6234
NE+3.30	C19	277	DISX-COMB Max	2.25	41.5044	182.3802	117.252	3.3816	43.1064	73.2147
NE+3.30	C19	277	DISX-COMB Max	2.5	41.5044	182.3802	117.252	3.3816	72.3656	118.8089
NE+3.30	C19	277	DISX-COMB Max	2.75	41.5044	182.3802	117.252	3.3816	101.6558	164.4035
NE+3.30	C19	277	DISY-COMB Max	0	164.9799	24.6015	372.857	3.9043	695.6023	44.6195
NE+3.30	C19	277	DISY-COMB Max	0.25	164.9799	24.6015	372.857	3.9043	602.3881	38.4697
NE+3.30	C19	277	DISY-COMB Max	0.5	164.9799	24.6015	372.857	3.9043	509.1739	32.3201
NE+3.30	C19	277	DISY-COMB Max	0.75	164.9799	24.6015	372.857	3.9043	415.9598	26.1708
NE+3.30	C19	277	DISY-COMB Max	1	164.9799	24.6015	372.857	3.9043	322.7457	20.0222
NE+3.30	C19	277	DISY-COMB Max	1.25	164.9799	24.6015	372.857	3.9043	229.5316	13.8751
NE+3.30	C19	277	DISY-COMB Max	1.5	164.9799	24.6015	372.857	3.9043	136.3179	7.7334
NE+3.30	C19	277	DISY-COMB Max	1.75	164.9799	24.6015	372.857	3.9043	43.1063	1.6569
NE+3.30	C19	277	DISY-COMB Max	2	164.9799	24.6015	372.857	3.9043	50.1151	4.6194
NE+3.30	C19	277	DISY-COMB Max	2.25	164.9799	24.6015	372.857	3.9043	143.3272	10.7511
NE+3.30	C19	277	DISY-COMB Max	2.5	164.9799	24.6015	372.857	3.9043	236.541	16.8964
NE+3.30	C19	277	DISY-COMB Max	2.75	164.9799	24.6015	372.857	3.9043	329.755	23.0444
NE+3.30	C19	277	B241	0	-317.0803	12.0593	26.4112	-0.0006	33.0849	11.5572
NE+3.30	C19	277	B241	0.25	-314.6233	12.0593	26.4112	-0.0006	26.4821	8.5424
NE+3.30	C19	277	B241	0.5	-312.1663	12.0593	26.4112	-0.0006	19.8793	5.5275
NE+3.30	C19	277	B241	0.75	-309.7093	12.0593	26.4112	-0.0006	13.2765	2.5127
NE+3.30	C19	277	B241	1	-307.2523	12.0593	26.4112	-0.0006	6.6738	-0.5021
NE+3.30	C19	277	B241	1.25	-304.7953	12.0593	26.4112	-0.0006	0.071	-3.517
NE+3.30	C19	277	B241	1.5	-302.3383	12.0593	26.4112	-0.0006	-6.5318	-6.5318
NE+3.30	C19	277	B241	1.75	-299.8813	12.0593	26.4112	-0.0006	-13.1346	-9.5466
NE+3.30	C19	277	B241	2	-297.4243	12.0593	26.4112	-0.0006	-19.7374	-12.5614
NE+3.30	C19	277	B241	2.25	-294.9673	12.0593	26.4112	-0.0006	-26.3402	-15.5763
NE+3.30	C19	277	B241	2.5	-292.5103	12.0593	26.4112	-0.0006	-32.943	-18.5911
NE+3.30	C19	277	B241	2.75	-290.0533	12.0593	26.4112	-0.0006	-39.5458	-21.6059
NE+3.30	C19	277	B242	0	-404.4432	15.1966	25.0424	-0.082	29.4731	14.7655
NE+3.30	C19	277	B242	0.25	-402.3372	15.1966	25.0424	-0.082	23.2125	10.9664
NE+3.30	C19	277	B242	0.5	-400.2312	15.1966	25.0424	-0.082	16.9519	7.1672
NE+3.30	C19	277	B242	0.75	-398.1252	15.1966	25.0424	-0.082	10.6913	3.3681
NE+3.30	C19	277	B242	1	-396.0192	15.1966	25.0424	-0.082	4.4308	-0.4311
NE+3.30	C19	277	B242	1.25	-393.9132	15.1966	25.0424	-0.082	-1.8298	-4.2302

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C19	277	B242	1.5	-391.8072	15.1966	25.0424	-0.082	-8.0904	-8.0294
NE+3.30	C19	277	B242	1.75	-389.7012	15.1966	25.0424	-0.082	-14.351	-11.8286
NE+3.30	C19	277	B242	2	-387.5952	15.1966	25.0424	-0.082	-20.6116	-15.6277
NE+3.30	C19	277	B242	2.25	-385.4892	15.1966	25.0424	-0.082	-26.8722	-19.4269
NE+3.30	C19	277	B242	2.5	-383.3832	15.1966	25.0424	-0.082	-33.1328	-23.226
NE+3.30	C19	277	B242	2.75	-381.2772	15.1966	25.0424	-0.082	-39.3934	-27.0252
NE+3.30	C32	242	Pprop	0	-164.4212	14.3268	4.6225	-0.0079	5.5869	14.9345
NE+3.30	C32	242	Pprop	0.25	-162.5258	14.3268	4.6225	-0.0079	4.4313	11.3528
NE+3.30	C32	242	Pprop	0.5	-160.6304	14.3268	4.6225	-0.0079	3.2757	7.7711
NE+3.30	C32	242	Pprop	0.75	-158.735	14.3268	4.6225	-0.0079	2.1201	4.1894
NE+3.30	C32	242	Pprop	1	-156.8396	14.3268	4.6225	-0.0079	0.9644	0.6077
NE+3.30	C32	242	Pprop	1.25	-154.9442	14.3268	4.6225	-0.0079	-0.1912	-2.974
NE+3.30	C32	242	Pprop	1.5	-153.0488	14.3268	4.6225	-0.0079	-1.3468	-6.5557
NE+3.30	C32	242	Pprop	1.75	-151.1534	14.3268	4.6225	-0.0079	-2.5024	-10.1374
NE+3.30	C32	242	Pprop	2	-149.258	14.3268	4.6225	-0.0079	-3.658	-13.7191
NE+3.30	C32	242	Pprop	2.25	-147.3626	14.3268	4.6225	-0.0079	-4.8136	-17.3008
NE+3.30	C32	242	Pprop	2.5	-145.4672	14.3268	4.6225	-0.0079	-5.9693	-20.8825
NE+3.30	C32	242	Pprop	2.75	-143.5718	14.3268	4.6225	-0.0079	-7.1249	-24.4642
NE+3.30	C32	242	Viva	0	-134.1365	14.472	14.1806	-0.0498	14.8633	15.1159
NE+3.30	C32	242	Viva	0.25	-134.1365	14.472	14.1806	-0.0498	11.3181	11.4979
NE+3.30	C32	242	Viva	0.5	-134.1365	14.472	14.1806	-0.0498	7.773	7.8799
NE+3.30	C32	242	Viva	0.75	-134.1365	14.472	14.1806	-0.0498	4.2278	4.2619
NE+3.30	C32	242	Viva	1	-134.1365	14.472	14.1806	-0.0498	0.6826	0.6439
NE+3.30	C32	242	Viva	1.25	-134.1365	14.472	14.1806	-0.0498	-2.8625	-2.9741
NE+3.30	C32	242	Viva	1.5	-134.1365	14.472	14.1806	-0.0498	-6.4077	-6.5921
NE+3.30	C32	242	Viva	1.75	-134.1365	14.472	14.1806	-0.0498	-9.9528	-10.2101
NE+3.30	C32	242	Viva	2	-134.1365	14.472	14.1806	-0.0498	-13.498	-13.828
NE+3.30	C32	242	Viva	2.25	-134.1365	14.472	14.1806	-0.0498	-17.0431	-17.446
NE+3.30	C32	242	Viva	2.5	-134.1365	14.472	14.1806	-0.0498	-20.5883	-21.064
NE+3.30	C32	242	Viva	2.75	-134.1365	14.472	14.1806	-0.0498	-24.1334	-24.682
NE+3.30	C32	242	Psup	0	-266.2964	31.2948	4.4845	0.0074	8.2416	32.8599
NE+3.30	C32	242	Psup	0.25	-266.2964	31.2948	4.4845	0.0074	7.1205	25.0362
NE+3.30	C32	242	Psup	0.5	-266.2964	31.2948	4.4845	0.0074	5.9993	17.2125
NE+3.30	C32	242	Psup	0.75	-266.2964	31.2948	4.4845	0.0074	4.8782	9.3888
NE+3.30	C32	242	Psup	1	-266.2964	31.2948	4.4845	0.0074	3.7571	1.5651
NE+3.30	C32	242	Psup	1.25	-266.2964	31.2948	4.4845	0.0074	2.6359	-6.2586
NE+3.30	C32	242	Psup	1.5	-266.2964	31.2948	4.4845	0.0074	1.5148	-14.0823
NE+3.30	C32	242	Psup	1.75	-266.2964	31.2948	4.4845	0.0074	0.3937	-21.906
NE+3.30	C32	242	Psup	2	-266.2964	31.2948	4.4845	0.0074	-0.7275	-29.7297
NE+3.30	C32	242	Psup	2.25	-266.2964	31.2948	4.4845	0.0074	-1.8486	-37.5534
NE+3.30	C32	242	Psup	2.5	-266.2964	31.2948	4.4845	0.0074	-2.9697	-45.3771
NE+3.30	C32	242	Psup	2.75	-266.2964	31.2948	4.4845	0.0074	-4.0909	-53.2008
NE+3.30	C32	242	Viva.cub	0	-33.6818	-0.2124	-0.5141	-0.0036	-0.9705	-0.4184
NE+3.30	C32	242	Viva.cub	0.25	-33.6818	-0.2124	-0.5141	-0.0036	-0.842	-0.3653
NE+3.30	C32	242	Viva.cub	0.5	-33.6818	-0.2124	-0.5141	-0.0036	-0.7135	-0.3122

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C32	242	Viva.cub	0.75	-33.6818	-0.2124	-0.5141	-0.0036	-0.5849	-0.2591
NE+3.30	C32	242	Viva.cub	1	-33.6818	-0.2124	-0.5141	-0.0036	-0.4564	-0.206
NE+3.30	C32	242	Viva.cub	1.25	-33.6818	-0.2124	-0.5141	-0.0036	-0.3279	-0.1529
NE+3.30	C32	242	Viva.cub	1.5	-33.6818	-0.2124	-0.5141	-0.0036	-0.1994	-0.0998
NE+3.30	C32	242	Viva.cub	1.75	-33.6818	-0.2124	-0.5141	-0.0036	-0.0709	-0.0467
NE+3.30	C32	242	Viva.cub	2	-33.6818	-0.2124	-0.5141	-0.0036	0.0577	0.0064
NE+3.30	C32	242	Viva.cub	2.25	-33.6818	-0.2124	-0.5141	-0.0036	0.1862	0.0595
NE+3.30	C32	242	Viva.cub	2.5	-33.6818	-0.2124	-0.5141	-0.0036	0.3147	0.1125
NE+3.30	C32	242	Viva.cub	2.75	-33.6818	-0.2124	-0.5141	-0.0036	0.4432	0.1656
NE+3.30	C32	242	DISX-COMB Max	0	32.6385	137.4368	17.4567	3.3816	63.1769	295.3072
NE+3.30	C32	242	DISX-COMB Max	0.25	32.6385	137.4368	17.4567	3.3816	58.9922	261.4594
NE+3.30	C32	242	DISX-COMB Max	0.5	32.6385	137.4368	17.4567	3.3816	54.8355	227.7648
NE+3.30	C32	242	DISX-COMB Max	0.75	32.6385	137.4368	17.4567	3.3816	50.7136	194.303
NE+3.30	C32	242	DISX-COMB Max	1	32.6385	137.4368	17.4567	3.3816	46.6358	161.2193
NE+3.30	C32	242	DISX-COMB Max	1.25	32.6385	137.4368	17.4567	3.3816	42.6148	128.8051
NE+3.30	C32	242	DISX-COMB Max	1.5	32.6385	137.4368	17.4567	3.3816	38.6683	97.7291
NE+3.30	C32	242	DISX-COMB Max	1.75	32.6385	137.4368	17.4567	3.3816	34.8216	69.8019
NE+3.30	C32	242	DISX-COMB Max	2	32.6385	137.4368	17.4567	3.3816	31.1117	50.5444
NE+3.30	C32	242	DISX-COMB Max	2.25	32.6385	137.4368	17.4567	3.3816	27.594	50.9733
NE+3.30	C32	242	DISX-COMB Max	2.5	32.6385	137.4368	17.4567	3.3816	24.3518	70.7314
NE+3.30	C32	242	DISX-COMB Max	2.75	32.6385	137.4368	17.4567	3.3816	21.5101	98.8368
NE+3.30	C32	242	DISY-COMB Max	0	51.2341	9.2651	60.2424	3.9043	316.0353	17.7099
NE+3.30	C32	242	DISY-COMB Max	0.25	51.2341	9.2651	60.2424	3.9043	300.9908	15.5136
NE+3.30	C32	242	DISY-COMB Max	0.5	51.2341	9.2651	60.2424	3.9043	285.948	13.3578
NE+3.30	C32	242	DISY-COMB Max	0.75	51.2341	9.2651	60.2424	3.9043	270.9072	11.266
NE+3.30	C32	242	DISY-COMB Max	1	51.2341	9.2651	60.2424	3.9043	255.8687	9.2813
NE+3.30	C32	242	DISY-COMB Max	1.25	51.2341	9.2651	60.2424	3.9043	240.833	7.4896
NE+3.30	C32	242	DISY-COMB Max	1.5	51.2341	9.2651	60.2424	3.9043	225.8007	6.0643
NE+3.30	C32	242	DISY-COMB Max	1.75	51.2341	9.2651	60.2424	3.9043	210.7723	5.3092
NE+3.30	C32	242	DISY-COMB Max	2	51.2341	9.2651	60.2424	3.9043	195.7489	5.5073
NE+3.30	C32	242	DISY-COMB Max	2.25	51.2341	9.2651	60.2424	3.9043	180.7317	6.5729
NE+3.30	C32	242	DISY-COMB Max	2.5	51.2341	9.2651	60.2424	3.9043	165.7224	8.1734
NE+3.30	C32	242	DISY-COMB Max	2.75	51.2341	9.2651	60.2424	3.9043	150.7233	10.0567
NE+3.30	C32	242	B241	0	-558.3376	59.1391	11.8054	-0.0006	17.9258	61.9558
NE+3.30	C32	242	B241	0.25	-555.8806	59.1391	11.8054	-0.0006	14.9745	47.171
NE+3.30	C32	242	B241	0.5	-553.4236	59.1391	11.8054	-0.0006	12.0232	32.3862
NE+3.30	C32	242	B241	0.75	-550.9666	59.1391	11.8054	-0.0006	9.0718	17.6014
NE+3.30	C32	242	B241	1	-548.5096	59.1391	11.8054	-0.0006	6.1205	2.8166
NE+3.30	C32	242	B241	1.25	-546.0526	59.1391	11.8054	-0.0006	3.1691	-11.9681
NE+3.30	C32	242	B241	1.5	-543.5956	59.1391	11.8054	-0.0006	0.2178	-26.7529
NE+3.30	C32	242	B241	1.75	-541.1386	59.1391	11.8054	-0.0006	-2.7335	-41.5377
NE+3.30	C32	242	B241	2	-538.6816	59.1391	11.8054	-0.0006	-5.6849	-56.3225
NE+3.30	C32	242	B241	2.25	-536.2246	59.1391	11.8054	-0.0006	-8.6362	-71.1072
NE+3.30	C32	242	B241	2.5	-533.7676	59.1391	11.8054	-0.0006	-11.5876	-85.892
NE+3.30	C32	242	B241	2.75	-531.3106	59.1391	11.8054	-0.0006	-14.5389	-100.6768

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C32	242	B242	0	-710.0345	73.7396	32.5508	-0.082	38.661	77.0811
NE+3.30	C32	242	B242	0.25	-707.9285	73.7396	32.5508	-0.082	30.5233	58.6462
NE+3.30	C32	242	B242	0.5	-705.8225	73.7396	32.5508	-0.082	22.3856	40.2113
NE+3.30	C32	242	B242	0.75	-703.7165	73.7396	32.5508	-0.082	14.2479	21.7764
NE+3.30	C32	242	B242	1	-701.6105	73.7396	32.5508	-0.082	6.1102	3.3415
NE+3.30	C32	242	B242	1.25	-699.5045	73.7396	32.5508	-0.082	-2.0276	-15.0934
NE+3.30	C32	242	B242	1.5	-697.3985	73.7396	32.5508	-0.082	-10.1653	-33.5283
NE+3.30	C32	242	B242	1.75	-695.2925	73.7396	32.5508	-0.082	-18.303	-51.9632
NE+3.30	C32	242	B242	2	-693.1865	73.7396	32.5508	-0.082	-26.4407	-70.3981
NE+3.30	C32	242	B242	2.25	-691.0805	73.7396	32.5508	-0.082	-34.5784	-88.833
NE+3.30	C32	242	B242	2.5	-688.9745	73.7396	32.5508	-0.082	-42.7161	-107.2679
NE+3.30	C32	242	B242	2.75	-686.8685	73.7396	32.5508	-0.082	-50.8538	-125.7028
NE+3.30	C33	267	Pprop	0	-145.4453	-6.3113	-3.6481	-0.0079	-3.0645	-7.1595
NE+3.30	C33	267	Pprop	0.25	-143.5499	-6.3113	-3.6481	-0.0079	-2.1525	-5.5816
NE+3.30	C33	267	Pprop	0.5	-141.6545	-6.3113	-3.6481	-0.0079	-1.2405	-4.0038
NE+3.30	C33	267	Pprop	0.75	-139.7591	-6.3113	-3.6481	-0.0079	-0.3285	-2.426
NE+3.30	C33	267	Pprop	1	-137.8637	-6.3113	-3.6481	-0.0079	0.5836	-0.8482
NE+3.30	C33	267	Pprop	1.25	-135.9683	-6.3113	-3.6481	-0.0079	1.4956	0.7296
NE+3.30	C33	267	Pprop	1.5	-134.0729	-6.3113	-3.6481	-0.0079	2.4076	2.3075
NE+3.30	C33	267	Pprop	1.75	-132.1775	-6.3113	-3.6481	-0.0079	3.3196	3.8853
NE+3.30	C33	267	Pprop	2	-130.2821	-6.3113	-3.6481	-0.0079	4.2316	5.4631
NE+3.30	C33	267	Pprop	2.25	-128.3867	-6.3113	-3.6481	-0.0079	5.1436	7.0409
NE+3.30	C33	267	Pprop	2.5	-126.4913	-6.3113	-3.6481	-0.0079	6.0557	8.6188
NE+3.30	C33	267	Pprop	2.75	-124.5959	-6.3113	-3.6481	-0.0079	6.9677	10.1966
NE+3.30	C33	267	Viva	0	-90.2223	-3.4589	-6.2147	-0.0498	-6.7103	-4.08
NE+3.30	C33	267	Viva	0.25	-90.2223	-3.4589	-6.2147	-0.0498	-5.1567	-3.2152
NE+3.30	C33	267	Viva	0.5	-90.2223	-3.4589	-6.2147	-0.0498	-3.603	-2.3505
NE+3.30	C33	267	Viva	0.75	-90.2223	-3.4589	-6.2147	-0.0498	-2.0493	-1.4858
NE+3.30	C33	267	Viva	1	-90.2223	-3.4589	-6.2147	-0.0498	-0.4956	-0.621
NE+3.30	C33	267	Viva	1.25	-90.2223	-3.4589	-6.2147	-0.0498	1.0581	0.2437
NE+3.30	C33	267	Viva	1.5	-90.2223	-3.4589	-6.2147	-0.0498	2.6117	1.1084
NE+3.30	C33	267	Viva	1.75	-90.2223	-3.4589	-6.2147	-0.0498	4.1654	1.9732
NE+3.30	C33	267	Viva	2	-90.2223	-3.4589	-6.2147	-0.0498	5.7191	2.8379
NE+3.30	C33	267	Viva	2.25	-90.2223	-3.4589	-6.2147	-0.0498	7.2728	3.7026
NE+3.30	C33	267	Viva	2.5	-90.2223	-3.4589	-6.2147	-0.0498	8.8265	4.5674
NE+3.30	C33	267	Viva	2.75	-90.2223	-3.4589	-6.2147	-0.0498	10.3802	5.4321
NE+3.30	C33	267	Psup	0	-258.1901	-13.5869	-37.9308	0.0074	-35.75	-15.188
NE+3.30	C33	267	Psup	0.25	-258.1901	-13.5869	-37.9308	0.0074	-26.2673	-11.7913
NE+3.30	C33	267	Psup	0.5	-258.1901	-13.5869	-37.9308	0.0074	-16.7846	-8.3945
NE+3.30	C33	267	Psup	0.75	-258.1901	-13.5869	-37.9308	0.0074	-7.3019	-4.9978
NE+3.30	C33	267	Psup	1	-258.1901	-13.5869	-37.9308	0.0074	2.1808	-1.6011
NE+3.30	C33	267	Psup	1.25	-258.1901	-13.5869	-37.9308	0.0074	11.6635	1.7956
NE+3.30	C33	267	Psup	1.5	-258.1901	-13.5869	-37.9308	0.0074	21.1462	5.1923
NE+3.30	C33	267	Psup	1.75	-258.1901	-13.5869	-37.9308	0.0074	30.6289	8.5891
NE+3.30	C33	267	Psup	2	-258.1901	-13.5869	-37.9308	0.0074	40.1116	11.9858

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C33	267	Psup	2.25	-258.1901	-13.5869	-37.9308	0.0074	49.5943	15.3825
NE+3.30	C33	267	Psup	2.5	-258.1901	-13.5869	-37.9308	0.0074	59.077	18.7792
NE+3.30	C33	267	Psup	2.75	-258.1901	-13.5869	-37.9308	0.0074	68.5597	22.1759
NE+3.30	C33	267	Viva.cub	0	-32.6164	-0.2465	-0.5224	-0.0036	-1.0077	-0.455
NE+3.30	C33	267	Viva.cub	0.25	-32.6164	-0.2465	-0.5224	-0.0036	-0.8771	-0.3933
NE+3.30	C33	267	Viva.cub	0.5	-32.6164	-0.2465	-0.5224	-0.0036	-0.7465	-0.3317
NE+3.30	C33	267	Viva.cub	0.75	-32.6164	-0.2465	-0.5224	-0.0036	-0.6159	-0.27
NE+3.30	C33	267	Viva.cub	1	-32.6164	-0.2465	-0.5224	-0.0036	-0.4853	-0.2084
NE+3.30	C33	267	Viva.cub	1.25	-32.6164	-0.2465	-0.5224	-0.0036	-0.3547	-0.1468
NE+3.30	C33	267	Viva.cub	1.5	-32.6164	-0.2465	-0.5224	-0.0036	-0.2241	-0.0851
NE+3.30	C33	267	Viva.cub	1.75	-32.6164	-0.2465	-0.5224	-0.0036	-0.0935	-0.0235
NE+3.30	C33	267	Viva.cub	2	-32.6164	-0.2465	-0.5224	-0.0036	0.0371	0.0381
NE+3.30	C33	267	Viva.cub	2.25	-32.6164	-0.2465	-0.5224	-0.0036	0.1677	0.0998
NE+3.30	C33	267	Viva.cub	2.5	-32.6164	-0.2465	-0.5224	-0.0036	0.2983	0.1614
NE+3.30	C33	267	Viva.cub	2.75	-32.6164	-0.2465	-0.5224	-0.0036	0.4289	0.223
NE+3.30	C33	267	DISX-COMB Max	0	23.1129	161.2115	21.1294	3.3816	88.7602	322.0837
NE+3.30	C33	267	DISX-COMB Max	0.25	23.1129	161.2115	21.1294	3.3816	84.0743	282.0913
NE+3.30	C33	267	DISX-COMB Max	0.5	23.1129	161.2115	21.1294	3.3816	79.4633	242.2018
NE+3.30	C33	267	DISX-COMB Max	0.75	23.1129	161.2115	21.1294	3.3816	74.9409	202.4762
NE+3.30	C33	267	DISX-COMB Max	1	23.1129	161.2115	21.1294	3.3816	70.5243	163.0342
NE+3.30	C33	267	DISX-COMB Max	1.25	23.1129	161.2115	21.1294	3.3816	66.2346	124.1464
NE+3.30	C33	267	DISX-COMB Max	1.5	23.1129	161.2115	21.1294	3.3816	62.0981	86.5629
NE+3.30	C33	267	DISX-COMB Max	1.75	23.1129	161.2115	21.1294	3.3816	58.1475	53.1282
NE+3.30	C33	267	DISX-COMB Max	2	23.1129	161.2115	21.1294	3.3816	54.4234	37.4261
NE+3.30	C33	267	DISX-COMB Max	2.25	23.1129	161.2115	21.1294	3.3816	50.9752	56.8108
NE+3.30	C33	267	DISX-COMB Max	2.5	23.1129	161.2115	21.1294	3.3816	47.8628	91.12
NE+3.30	C33	267	DISX-COMB Max	2.75	23.1129	161.2115	21.1294	3.3816	45.1557	128.9453
NE+3.30	C33	267	DISY-COMB Max	0	49.7542	12.7505	65.4335	3.9043	345.7139	21.0407
NE+3.30	C33	267	DISY-COMB Max	0.25	49.7542	12.7505	65.4335	3.9043	329.4852	17.9961
NE+3.30	C33	267	DISY-COMB Max	0.5	49.7542	12.7505	65.4335	3.9043	313.2701	15.011
NE+3.30	C33	267	DISY-COMB Max	0.75	49.7542	12.7505	65.4335	3.9043	297.0706	12.1293
NE+3.30	C33	267	DISY-COMB Max	1	49.7542	12.7505	65.4335	3.9043	280.8895	9.4464
NE+3.30	C33	267	DISY-COMB Max	1.25	49.7542	12.7505	65.4335	3.9043	264.7303	7.1883
NE+3.30	C33	267	DISY-COMB Max	1.5	49.7542	12.7505	65.4335	3.9043	248.5971	5.8677
NE+3.30	C33	267	DISY-COMB Max	1.75	49.7542	12.7505	65.4335	3.9043	232.4954	6.1245
NE+3.30	C33	267	DISY-COMB Max	2	49.7542	12.7505	65.4335	3.9043	216.4321	7.8045
NE+3.30	C33	267	DISY-COMB Max	2.25	49.7542	12.7505	65.4335	3.9043	200.4167	10.2291
NE+3.30	C33	267	DISY-COMB Max	2.5	49.7542	12.7505	65.4335	3.9043	184.4614	12.9877
NE+3.30	C33	267	DISY-COMB Max	2.75	49.7542	12.7505	65.4335	3.9043	168.5833	15.9074
NE+3.30	C33	267	B241	0	-523.2312	-25.7939	-53.8985	-0.0006	-50.3151	-28.9689
NE+3.30	C33	267	B241	0.25	-520.7742	-25.7939	-53.8985	-0.0006	-36.8405	-22.5204
NE+3.30	C33	267	B241	0.5	-518.3172	-25.7939	-53.8985	-0.0006	-23.3659	-16.0719
NE+3.30	C33	267	B241	0.75	-515.8602	-25.7939	-53.8985	-0.0006	-9.8912	-9.6235
NE+3.30	C33	267	B241	1	-513.4032	-25.7939	-53.8985	-0.0006	3.5834	-3.175
NE+3.30	C33	267	B241	1.25	-510.9462	-25.7939	-53.8985	-0.0006	17.058	3.2735

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C33	267	B241	1.5	-508.4892	-25.7939	-53.8985	-0.0006	30.5326	9.722
NE+3.30	C33	267	B241	1.75	-506.0322	-25.7939	-53.8985	-0.0006	44.0073	16.1705
NE+3.30	C33	267	B241	2	-503.5752	-25.7939	-53.8985	-0.0006	57.4819	22.6189
NE+3.30	C33	267	B241	2.25	-501.1182	-25.7939	-53.8985	-0.0006	70.9565	29.0674
NE+3.30	C33	267	B241	2.5	-498.6612	-25.7939	-53.8985	-0.0006	84.4312	35.5159
NE+3.30	C33	267	B241	2.75	-496.2042	-25.7939	-53.8985	-0.0006	97.9058	41.9644
NE+3.30	C33	267	B242	0	-609.1477	-27.7666	-56.4035	-0.082	-54.3677	-31.5859
NE+3.30	C33	267	B242	0.25	-607.0417	-27.7666	-56.4035	-0.082	-40.2668	-24.6443
NE+3.30	C33	267	B242	0.5	-604.9357	-27.7666	-56.4035	-0.082	-26.1659	-17.7026
NE+3.30	C33	267	B242	0.75	-602.8297	-27.7666	-56.4035	-0.082	-12.0651	-10.7609
NE+3.30	C33	267	B242	1	-600.7237	-27.7666	-56.4035	-0.082	2.0358	-3.8193
NE+3.30	C33	267	B242	1.25	-598.6177	-27.7666	-56.4035	-0.082	16.1367	3.1224
NE+3.30	C33	267	B242	1.5	-596.5117	-27.7666	-56.4035	-0.082	30.2376	10.064
NE+3.30	C33	267	B242	1.75	-594.4057	-27.7666	-56.4035	-0.082	44.3385	17.0057
NE+3.30	C33	267	B242	2	-592.2997	-27.7666	-56.4035	-0.082	58.4393	23.9474
NE+3.30	C33	267	B242	2.25	-590.1937	-27.7666	-56.4035	-0.082	72.5402	30.889
NE+3.30	C33	267	B242	2.5	-588.0877	-27.7666	-56.4035	-0.082	86.6411	37.8307
NE+3.30	C33	267	B242	2.75	-585.9817	-27.7666	-56.4035	-0.082	100.742	44.7723
NE+3.30	C34	272	Pprop	0	-116.0261	11.358	-3.5336	-0.0079	-3.0173	11.7563
NE+3.30	C34	272	Pprop	0.25	-114.1307	11.358	-3.5336	-0.0079	-2.1339	8.9168
NE+3.30	C34	272	Pprop	0.5	-112.2353	11.358	-3.5336	-0.0079	-1.2505	6.0773
NE+3.30	C34	272	Pprop	0.75	-110.3399	11.358	-3.5336	-0.0079	-0.3671	3.2378
NE+3.30	C34	272	Pprop	1	-108.4445	11.358	-3.5336	-0.0079	0.5164	0.3983
NE+3.30	C34	272	Pprop	1.25	-106.5491	11.358	-3.5336	-0.0079	1.3998	-2.4412
NE+3.30	C34	272	Pprop	1.5	-104.6537	11.358	-3.5336	-0.0079	2.2832	-5.2807
NE+3.30	C34	272	Pprop	1.75	-102.7583	11.358	-3.5336	-0.0079	3.1666	-8.1202
NE+3.30	C34	272	Pprop	2	-100.8629	11.358	-3.5336	-0.0079	4.05	-10.9597
NE+3.30	C34	272	Pprop	2.25	-98.9675	11.358	-3.5336	-0.0079	4.9334	-13.7991
NE+3.30	C34	272	Pprop	2.5	-97.0721	11.358	-3.5336	-0.0079	5.8168	-16.6386
NE+3.30	C34	272	Pprop	2.75	-95.1767	11.358	-3.5336	-0.0079	6.7002	-19.4781
NE+3.30	C34	272	Viva	0	-44.7949	9.0481	-3.7969	-0.0498	-4.6516	9.3094
NE+3.30	C34	272	Viva	0.25	-44.7949	9.0481	-3.7969	-0.0498	-3.7023	7.0474
NE+3.30	C34	272	Viva	0.5	-44.7949	9.0481	-3.7969	-0.0498	-2.7531	4.7853
NE+3.30	C34	272	Viva	0.75	-44.7949	9.0481	-3.7969	-0.0498	-1.8038	2.5233
NE+3.30	C34	272	Viva	1	-44.7949	9.0481	-3.7969	-0.0498	-0.8546	0.2613
NE+3.30	C34	272	Viva	1.25	-44.7949	9.0481	-3.7969	-0.0498	0.0946	-2.0007
NE+3.30	C34	272	Viva	1.5	-44.7949	9.0481	-3.7969	-0.0498	1.0439	-4.2628
NE+3.30	C34	272	Viva	1.75	-44.7949	9.0481	-3.7969	-0.0498	1.9931	-6.5248
NE+3.30	C34	272	Viva	2	-44.7949	9.0481	-3.7969	-0.0498	2.9423	-8.7868
NE+3.30	C34	272	Viva	2.25	-44.7949	9.0481	-3.7969	-0.0498	3.8916	-11.0489
NE+3.30	C34	272	Viva	2.5	-44.7949	9.0481	-3.7969	-0.0498	4.8408	-13.3109
NE+3.30	C34	272	Viva	2.75	-44.7949	9.0481	-3.7969	-0.0498	5.79	-15.5729
NE+3.30	C34	272	Psup	0	-126.6072	25.8519	-16.0483	0.0074	-12.9564	27.0331
NE+3.30	C34	272	Psup	0.25	-126.6072	25.8519	-16.0483	0.0074	-8.9444	20.5701
NE+3.30	C34	272	Psup	0.5	-126.6072	25.8519	-16.0483	0.0074	-4.9323	14.1071

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C34	272	Psup	0.75	-126.6072	25.8519	-16.0483	0.0074	-0.9202	7.6441
NE+3.30	C34	272	Psup	1	-126.6072	25.8519	-16.0483	0.0074	3.0918	1.1811
NE+3.30	C34	272	Psup	1.25	-126.6072	25.8519	-16.0483	0.0074	7.1039	-5.2819
NE+3.30	C34	272	Psup	1.5	-126.6072	25.8519	-16.0483	0.0074	11.116	-11.7448
NE+3.30	C34	272	Psup	1.75	-126.6072	25.8519	-16.0483	0.0074	15.128	-18.2078
NE+3.30	C34	272	Psup	2	-126.6072	25.8519	-16.0483	0.0074	19.1401	-24.6708
NE+3.30	C34	272	Psup	2.25	-126.6072	25.8519	-16.0483	0.0074	23.1522	-31.1338
NE+3.30	C34	272	Psup	2.5	-126.6072	25.8519	-16.0483	0.0074	27.1643	-37.5968
NE+3.30	C34	272	Psup	2.75	-126.6072	25.8519	-16.0483	0.0074	31.1763	-44.0598
NE+3.30	C34	272	Viva.cub	0	-33.2399	-0.1641	-0.5599	-0.0036	-1.0796	-0.3667
NE+3.30	C34	272	Viva.cub	0.25	-33.2399	-0.1641	-0.5599	-0.0036	-0.9397	-0.3257
NE+3.30	C34	272	Viva.cub	0.5	-33.2399	-0.1641	-0.5599	-0.0036	-0.7997	-0.2846
NE+3.30	C34	272	Viva.cub	0.75	-33.2399	-0.1641	-0.5599	-0.0036	-0.6597	-0.2436
NE+3.30	C34	272	Viva.cub	1	-33.2399	-0.1641	-0.5599	-0.0036	-0.5197	-0.2026
NE+3.30	C34	272	Viva.cub	1.25	-33.2399	-0.1641	-0.5599	-0.0036	-0.3798	-0.1616
NE+3.30	C34	272	Viva.cub	1.5	-33.2399	-0.1641	-0.5599	-0.0036	-0.2398	-0.1206
NE+3.30	C34	272	Viva.cub	1.75	-33.2399	-0.1641	-0.5599	-0.0036	-0.0998	-0.0795
NE+3.30	C34	272	Viva.cub	2	-33.2399	-0.1641	-0.5599	-0.0036	0.0402	-0.0385
NE+3.30	C34	272	Viva.cub	2.25	-33.2399	-0.1641	-0.5599	-0.0036	0.1802	0.0025
NE+3.30	C34	272	Viva.cub	2.5	-33.2399	-0.1641	-0.5599	-0.0036	0.3201	0.0435
NE+3.30	C34	272	Viva.cub	2.75	-33.2399	-0.1641	-0.5599	-0.0036	0.4601	0.0846
NE+3.30	C34	272	DISX-COMB Max	0	68.4516	95.1848	39.004	3.3816	134.2714	232.0625
NE+3.30	C34	272	DISX-COMB Max	0.25	68.4516	95.1848	39.004	3.3816	125.5168	211.6902
NE+3.30	C34	272	DISX-COMB Max	0.5	68.4516	95.1848	39.004	3.3816	116.9201	192.1068
NE+3.30	C34	272	DISX-COMB Max	0.75	68.4516	95.1848	39.004	3.3816	108.5187	173.5795
NE+3.30	C34	272	DISX-COMB Max	1	68.4516	95.1848	39.004	3.3816	100.3618	156.4837
NE+3.30	C34	272	DISX-COMB Max	1.25	68.4516	95.1848	39.004	3.3816	92.5139	141.34
NE+3.30	C34	272	DISX-COMB Max	1.5	68.4516	95.1848	39.004	3.3816	85.0606	128.8385
NE+3.30	C34	272	DISX-COMB Max	1.75	68.4516	95.1848	39.004	3.3816	78.1151	119.8091
NE+3.30	C34	272	DISX-COMB Max	2	68.4516	95.1848	39.004	3.3816	71.8247	115.0722
NE+3.30	C34	272	DISX-COMB Max	2.25	68.4516	95.1848	39.004	3.3816	66.376	115.1587
NE+3.30	C34	272	DISX-COMB Max	2.5	68.4516	95.1848	39.004	3.3816	61.9913	120.0581
NE+3.30	C34	272	DISX-COMB Max	2.75	68.4516	95.1848	39.004	3.3816	58.9087	129.2242
NE+3.30	C34	272	DISY-COMB Max	0	63.7143	17.4134	79.5217	3.9043	389.436	21.7841
NE+3.30	C34	272	DISY-COMB Max	0.25	63.7143	17.4134	79.5217	3.9043	369.8609	17.872
NE+3.30	C34	272	DISY-COMB Max	0.5	63.7143	17.4134	79.5217	3.9043	350.3203	14.2187
NE+3.30	C34	272	DISY-COMB Max	0.75	63.7143	17.4134	79.5217	3.9043	330.8201	11.0833
NE+3.30	C34	272	DISY-COMB Max	1	63.7143	17.4134	79.5217	3.9043	311.368	9.0228
NE+3.30	C34	272	DISY-COMB Max	1.25	63.7143	17.4134	79.5217	3.9043	291.9737	8.8253
NE+3.30	C34	272	DISY-COMB Max	1.5	63.7143	17.4134	79.5217	3.9043	272.6493	10.5954
NE+3.30	C34	272	DISY-COMB Max	1.75	63.7143	17.4134	79.5217	3.9043	253.4111	13.5847
NE+3.30	C34	272	DISY-COMB Max	2	63.7143	17.4134	79.5217	3.9043	234.28	17.1676
NE+3.30	C34	272	DISY-COMB Max	2.25	63.7143	17.4134	79.5217	3.9043	215.2848	21.0432
NE+3.30	C34	272	DISY-COMB Max	2.5	63.7143	17.4134	79.5217	3.9043	196.4649	25.076
NE+3.30	C34	272	DISY-COMB Max	2.75	63.7143	17.4134	79.5217	3.9043	177.8758	29.201

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C34	272	B241	0	-314.5247	48.2351	-25.384	-0.0006	-20.7067	50.2825
NE+3.30	C34	272	B241	0.25	-312.0677	48.2351	-25.384	-0.0006	-14.3607	38.2237
NE+3.30	C34	272	B241	0.5	-309.6107	48.2351	-25.384	-0.0006	-8.0147	26.1649
NE+3.30	C34	272	B241	0.75	-307.1537	48.2351	-25.384	-0.0006	-1.6687	14.1062
NE+3.30	C34	272	B241	1	-304.6967	48.2351	-25.384	-0.0006	4.6773	2.0474
NE+3.30	C34	272	B241	1.25	-302.2397	48.2351	-25.384	-0.0006	11.0233	-10.0113
NE+3.30	C34	272	B241	1.5	-299.7827	48.2351	-25.384	-0.0006	17.3693	-22.0701
NE+3.30	C34	272	B241	1.75	-297.3257	48.2351	-25.384	-0.0006	23.7153	-34.1289
NE+3.30	C34	272	B241	2	-294.8687	48.2351	-25.384	-0.0006	30.0613	-46.1876
NE+3.30	C34	272	B241	2.25	-292.4117	48.2351	-25.384	-0.0006	36.4073	-58.2464
NE+3.30	C34	272	B241	2.5	-289.9547	48.2351	-25.384	-0.0006	42.7532	-70.3052
NE+3.30	C34	272	B241	2.75	-287.4977	48.2351	-25.384	-0.0006	49.0992	-82.3639
NE+3.30	C34	272	B242	0	-357.8844	55.7393	-28.1128	-0.082	-25.7309	57.811
NE+3.30	C34	272	B242	0.25	-355.7784	55.7393	-28.1128	-0.082	-18.7027	43.8761
NE+3.30	C34	272	B242	0.5	-353.6724	55.7393	-28.1128	-0.082	-11.6745	29.9413
NE+3.30	C34	272	B242	0.75	-351.5664	55.7393	-28.1128	-0.082	-4.6463	16.0065
NE+3.30	C34	272	B242	1	-349.4604	55.7393	-28.1128	-0.082	2.3819	2.0717
NE+3.30	C34	272	B242	1.25	-347.3544	55.7393	-28.1128	-0.082	9.4101	-11.8631
NE+3.30	C34	272	B242	1.5	-345.2484	55.7393	-28.1128	-0.082	16.4382	-25.798
NE+3.30	C34	272	B242	1.75	-343.1424	55.7393	-28.1128	-0.082	23.4664	-39.7328
NE+3.30	C34	272	B242	2	-341.0364	55.7393	-28.1128	-0.082	30.4946	-53.6676
NE+3.30	C34	272	B242	2.25	-338.9304	55.7393	-28.1128	-0.082	37.5228	-67.6024
NE+3.30	C34	272	B242	2.5	-336.8244	55.7393	-28.1128	-0.082	44.551	-81.5372
NE+3.30	C34	272	B242	2.75	-334.7184	55.7393	-28.1128	-0.082	51.5792	-95.4721
NE+3.30	C2	252	Pprop	0	-89.2957	0.5577	-6.0197	-0.0079	-5.4654	0.245
NE+3.30	C2	252	Pprop	0.2591	-87.3314	0.5577	-6.0197	-0.0079	-3.9058	0.1005
NE+3.30	C2	252	Pprop	0.5182	-85.367	0.5577	-6.0197	-0.0079	-2.3462	-0.044
NE+3.30	C2	252	Pprop	0.7773	-83.4027	0.5577	-6.0197	-0.0079	-0.7865	-0.1885
NE+3.30	C2	252	Pprop	1.0364	-81.4384	0.5577	-6.0197	-0.0079	0.7731	-0.333
NE+3.30	C2	252	Pprop	1.2955	-79.4741	0.5577	-6.0197	-0.0079	2.3328	-0.4775
NE+3.30	C2	252	Pprop	1.5545	-77.5097	0.5577	-6.0197	-0.0079	3.8924	-0.622
NE+3.30	C2	252	Pprop	1.8136	-75.5454	0.5577	-6.0197	-0.0079	5.4521	-0.7665
NE+3.30	C2	252	Pprop	2.0727	-73.5811	0.5577	-6.0197	-0.0079	7.0117	-0.9109
NE+3.30	C2	252	Pprop	2.3318	-71.6168	0.5577	-6.0197	-0.0079	8.5714	-1.0554
NE+3.30	C2	252	Pprop	2.5909	-69.6525	0.5577	-6.0197	-0.0079	10.131	-1.1999
NE+3.30	C2	252	Pprop	2.85	-67.6881	0.5577	-6.0197	-0.0079	11.6906	-1.3444
NE+3.30	C2	252	Viva	0	-131.1687	1.3384	-0.997	-0.0498	-0.8994	1.3772
NE+3.30	C2	252	Viva	0.2591	-131.1687	1.3384	-0.997	-0.0498	-0.6411	1.0305
NE+3.30	C2	252	Viva	0.5182	-131.1687	1.3384	-0.997	-0.0498	-0.3827	0.6837
NE+3.30	C2	252	Viva	0.7773	-131.1687	1.3384	-0.997	-0.0498	-0.1244	0.3369
NE+3.30	C2	252	Viva	1.0364	-131.1687	1.3384	-0.997	-0.0498	0.1339	-0.0098
NE+3.30	C2	252	Viva	1.2955	-131.1687	1.3384	-0.997	-0.0498	0.3922	-0.3566
NE+3.30	C2	252	Viva	1.5545	-131.1687	1.3384	-0.997	-0.0498	0.6505	-0.7033
NE+3.30	C2	252	Viva	1.8136	-131.1687	1.3384	-0.997	-0.0498	0.9088	-1.0501
NE+3.30	C2	252	Viva	2.0727	-131.1687	1.3384	-0.997	-0.0498	1.1671	-1.3968

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C2	252	Viva	2.3318	-131.1687	1.3384	-0.997	-0.0498	1.4254	-1.7436
NE+3.30	C2	252	Viva	2.5909	-131.1687	1.3384	-0.997	-0.0498	1.6837	-2.0904
NE+3.30	C2	252	Viva	2.85	-131.1687	1.3384	-0.997	-0.0498	1.9421	-2.4371
NE+3.30	C2	252	Psup	0	-147.0581	1.4807	-2.5882	0.0074	0.8963	0.8945
NE+3.30	C2	252	Psup	0.2591	-147.0581	1.4807	-2.5882	0.0074	1.5669	0.5109
NE+3.30	C2	252	Psup	0.5182	-147.0581	1.4807	-2.5882	0.0074	2.2374	0.1272
NE+3.30	C2	252	Psup	0.7773	-147.0581	1.4807	-2.5882	0.0074	2.908	-0.2564
NE+3.30	C2	252	Psup	1.0364	-147.0581	1.4807	-2.5882	0.0074	3.5786	-0.64
NE+3.30	C2	252	Psup	1.2955	-147.0581	1.4807	-2.5882	0.0074	4.2491	-1.0237
NE+3.30	C2	252	Psup	1.5545	-147.0581	1.4807	-2.5882	0.0074	4.9197	-1.4073
NE+3.30	C2	252	Psup	1.8136	-147.0581	1.4807	-2.5882	0.0074	5.5903	-1.791
NE+3.30	C2	252	Psup	2.0727	-147.0581	1.4807	-2.5882	0.0074	6.2608	-2.1746
NE+3.30	C2	252	Psup	2.3318	-147.0581	1.4807	-2.5882	0.0074	6.9314	-2.5583
NE+3.30	C2	252	Psup	2.5909	-147.0581	1.4807	-2.5882	0.0074	7.602	-2.9419
NE+3.30	C2	252	Psup	2.85	-147.0581	1.4807	-2.5882	0.0074	8.2726	-3.3256
NE+3.30	C2	252	Viva.cub	0	-0.997	-0.2127	0.1106	-0.0036	-0.3217	-0.3953
NE+3.30	C2	252	Viva.cub	0.2591	-0.997	-0.2127	0.1106	-0.0036	-0.3504	-0.3402
NE+3.30	C2	252	Viva.cub	0.5182	-0.997	-0.2127	0.1106	-0.0036	-0.379	-0.2851
NE+3.30	C2	252	Viva.cub	0.7773	-0.997	-0.2127	0.1106	-0.0036	-0.4077	-0.23
NE+3.30	C2	252	Viva.cub	1.0364	-0.997	-0.2127	0.1106	-0.0036	-0.4364	-0.1749
NE+3.30	C2	252	Viva.cub	1.2955	-0.997	-0.2127	0.1106	-0.0036	-0.465	-0.1197
NE+3.30	C2	252	Viva.cub	1.5545	-0.997	-0.2127	0.1106	-0.0036	-0.4937	-0.0646
NE+3.30	C2	252	Viva.cub	1.8136	-0.997	-0.2127	0.1106	-0.0036	-0.5224	-0.0095
NE+3.30	C2	252	Viva.cub	2.0727	-0.997	-0.2127	0.1106	-0.0036	-0.551	0.0456
NE+3.30	C2	252	Viva.cub	2.3318	-0.997	-0.2127	0.1106	-0.0036	-0.5797	0.1007
NE+3.30	C2	252	Viva.cub	2.5909	-0.997	-0.2127	0.1106	-0.0036	-0.6084	0.1558
NE+3.30	C2	252	Viva.cub	2.85	-0.997	-0.2127	0.1106	-0.0036	-0.637	0.211
NE+3.30	C2	252	DISX-COMB Max	0	28.6551	155.1705	32.4042	3.3816	79.6632	303.4618
NE+3.30	C2	252	DISX-COMB Max	0.2591	28.6551	155.1705	32.4042	3.3816	71.2678	263.2586
NE+3.30	C2	252	DISX-COMB Max	0.5182	28.6551	155.1705	32.4042	3.3816	62.8726	223.0554
NE+3.30	C2	252	DISX-COMB Max	0.7773	28.6551	155.1705	32.4042	3.3816	54.4774	182.8523
NE+3.30	C2	252	DISX-COMB Max	1.0364	28.6551	155.1705	32.4042	3.3816	46.0825	142.6492
NE+3.30	C2	252	DISX-COMB Max	1.2955	28.6551	155.1705	32.4042	3.3816	37.6878	102.4463
NE+3.30	C2	252	DISX-COMB Max	1.5545	28.6551	155.1705	32.4042	3.3816	29.2937	62.2439
NE+3.30	C2	252	DISX-COMB Max	1.8136	28.6551	155.1705	32.4042	3.3816	20.9008	22.0446
NE+3.30	C2	252	DISX-COMB Max	2.0727	28.6551	155.1705	32.4042	3.3816	12.5116	18.1723
NE+3.30	C2	252	DISX-COMB Max	2.3318	28.6551	155.1705	32.4042	3.3816	4.1488	58.3705
NE+3.30	C2	252	DISX-COMB Max	2.5909	28.6551	155.1705	32.4042	3.3816	4.3425	98.5728
NE+3.30	C2	252	DISX-COMB Max	2.85	28.6551	155.1705	32.4042	3.3816	12.7073	138.7757
NE+3.30	C2	252	DISY-COMB Max	0	198.1271	31.2819	176.7466	3.9043	437.1097	59.2606
NE+3.30	C2	252	DISY-COMB Max	0.2591	198.1271	31.2819	176.7466	3.9043	391.3163	51.1574
NE+3.30	C2	252	DISY-COMB Max	0.5182	198.1271	31.2819	176.7466	3.9043	345.5228	43.0548
NE+3.30	C2	252	DISY-COMB Max	0.7773	198.1271	31.2819	176.7466	3.9043	299.7294	34.9532
NE+3.30	C2	252	DISY-COMB Max	1.0364	198.1271	31.2819	176.7466	3.9043	253.9359	26.8537
NE+3.30	C2	252	DISY-COMB Max	1.2955	198.1271	31.2819	176.7466	3.9043	208.1425	18.7587

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C2	252	DISY-COMB Max	1.5545	198.1271	31.2819	176.7466	3.9043	162.3491	10.6787
NE+3.30	C2	252	DISY-COMB Max	1.8136	198.1271	31.2819	176.7466	3.9043	116.5557	2.7491
NE+3.30	C2	252	DISY-COMB Max	2.0727	198.1271	31.2819	176.7466	3.9043	70.7623	5.6972
NE+3.30	C2	252	DISY-COMB Max	2.3318	198.1271	31.2819	176.7466	3.9043	24.9692	13.7381
NE+3.30	C2	252	DISY-COMB Max	2.5909	198.1271	31.2819	176.7466	3.9043	20.8255	21.8264
NE+3.30	C2	252	DISY-COMB Max	2.85	198.1271	31.2819	176.7466	3.9043	66.6185	29.9236
NE+3.30	C2	252	B241	0	-306.3846	2.6424	-11.1583	-0.0006	-5.923	1.4772
NE+3.30	C2	252	B241	0.2591	-303.8382	2.6424	-11.1583	-0.0006	-3.032	0.7925
NE+3.30	C2	252	B241	0.5182	-301.2919	2.6424	-11.1583	-0.0006	-0.1409	0.1079
NE+3.30	C2	252	B241	0.7773	-298.7455	2.6424	-11.1583	-0.0006	2.7501	-0.5767
NE+3.30	C2	252	B241	1.0364	-296.1992	2.6424	-11.1583	-0.0006	5.6411	-1.2613
NE+3.30	C2	252	B241	1.2955	-293.6528	2.6424	-11.1583	-0.0006	8.5321	-1.946
NE+3.30	C2	252	B241	1.5545	-291.1065	2.6424	-11.1583	-0.0006	11.4231	-2.6306
NE+3.30	C2	252	B241	1.8136	-288.5601	2.6424	-11.1583	-0.0006	14.3141	-3.3152
NE+3.30	C2	252	B241	2.0727	-286.0138	2.6424	-11.1583	-0.0006	17.2052	-3.9998
NE+3.30	C2	252	B241	2.3318	-283.4674	2.6424	-11.1583	-0.0006	20.0962	-4.6844
NE+3.30	C2	252	B241	2.5909	-280.9211	2.6424	-11.1583	-0.0006	22.9872	-5.3691
NE+3.30	C2	252	B241	2.85	-278.3748	2.6424	-11.1583	-0.0006	25.8782	-6.0537
NE+3.30	C2	252	B242	0	-472.9837	4.2999	-11.1041	-0.082	-6.6767	3.272
NE+3.30	C2	252	B242	0.2591	-470.8011	4.2999	-11.1041	-0.082	-3.7997	2.1579
NE+3.30	C2	252	B242	0.5182	-468.6185	4.2999	-11.1041	-0.082	-0.9227	1.0439
NE+3.30	C2	252	B242	0.7773	-466.4359	4.2999	-11.1041	-0.082	1.9543	-0.0702
NE+3.30	C2	252	B242	1.0364	-464.2534	4.2999	-11.1041	-0.082	4.8312	-1.1843
NE+3.30	C2	252	B242	1.2955	-462.0708	4.2999	-11.1041	-0.082	7.7082	-2.2983
NE+3.30	C2	252	B242	1.5545	-459.8882	4.2999	-11.1041	-0.082	10.5852	-3.4124
NE+3.30	C2	252	B242	1.8136	-457.7056	4.2999	-11.1041	-0.082	13.4622	-4.5265
NE+3.30	C2	252	B242	2.0727	-455.523	4.2999	-11.1041	-0.082	16.3392	-5.6406
NE+3.30	C2	252	B242	2.3318	-453.3404	4.2999	-11.1041	-0.082	19.2161	-6.7546
NE+3.30	C2	252	B242	2.5909	-451.1579	4.2999	-11.1041	-0.082	22.0931	-7.8687
NE+3.30	C2	252	B242	2.85	-448.9753	4.2999	-11.1041	-0.082	24.9701	-8.9828
NE+3.30	C3	182	Pprop	0	-46.9153	-3.2445	-2.8343	-0.0079	-1.8835	-3.8255
NE+3.30	C3	182	Pprop	0.2591	-44.9509	-3.2445	-2.8343	-0.0079	-1.1492	-2.9848
NE+3.30	C3	182	Pprop	0.5182	-42.9866	-3.2445	-2.8343	-0.0079	-0.4148	-2.1442
NE+3.30	C3	182	Pprop	0.7773	-41.0223	-3.2445	-2.8343	-0.0079	0.3195	-1.3036
NE+3.30	C3	182	Pprop	1.0364	-39.058	-3.2445	-2.8343	-0.0079	1.0539	-0.4629
NE+3.30	C3	182	Pprop	1.2955	-37.0936	-3.2445	-2.8343	-0.0079	1.7882	0.3777
NE+3.30	C3	182	Pprop	1.5545	-35.1293	-3.2445	-2.8343	-0.0079	2.5226	1.2183
NE+3.30	C3	182	Pprop	1.8136	-33.165	-3.2445	-2.8343	-0.0079	3.2569	2.0589
NE+3.30	C3	182	Pprop	2.0727	-31.2007	-3.2445	-2.8343	-0.0079	3.9913	2.8996
NE+3.30	C3	182	Pprop	2.3318	-29.2364	-3.2445	-2.8343	-0.0079	4.7256	3.7402
NE+3.30	C3	182	Pprop	2.5909	-27.272	-3.2445	-2.8343	-0.0079	5.46	4.5808
NE+3.30	C3	182	Pprop	2.85	-25.3077	-3.2445	-2.8343	-0.0079	6.1943	5.4215
NE+3.30	C3	182	Viva	0	-28.5149	-4.8564	-1.1482	-0.0498	0.6725	-5.2546
NE+3.30	C3	182	Viva	0.2591	-28.5149	-4.8564	-1.1482	-0.0498	0.97	-3.9963
NE+3.30	C3	182	Viva	0.5182	-28.5149	-4.8564	-1.1482	-0.0498	1.2675	-2.7381

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C3	182	Viva	0.7773	-28.5149	-4.8564	-1.1482	-0.0498	1.5649	-1.4798
NE+3.30	C3	182	Viva	1.0364	-28.5149	-4.8564	-1.1482	-0.0498	1.8624	-0.2216
NE+3.30	C3	182	Viva	1.2955	-28.5149	-4.8564	-1.1482	-0.0498	2.1599	1.0367
NE+3.30	C3	182	Viva	1.5545	-28.5149	-4.8564	-1.1482	-0.0498	2.4574	2.295
NE+3.30	C3	182	Viva	1.8136	-28.5149	-4.8564	-1.1482	-0.0498	2.7549	3.5532
NE+3.30	C3	182	Viva	2.0727	-28.5149	-4.8564	-1.1482	-0.0498	3.0524	4.8115
NE+3.30	C3	182	Viva	2.3318	-28.5149	-4.8564	-1.1482	-0.0498	3.3499	6.0697
NE+3.30	C3	182	Viva	2.5909	-28.5149	-4.8564	-1.1482	-0.0498	3.6473	7.328
NE+3.30	C3	182	Viva	2.85	-28.5149	-4.8564	-1.1482	-0.0498	3.9448	8.5862
NE+3.30	C3	182	Psup	0	-39.8768	-7.47	-0.8668	0.0074	2.4255	-8.6876
NE+3.30	C3	182	Psup	0.2591	-39.8768	-7.47	-0.8668	0.0074	2.6501	-6.7522
NE+3.30	C3	182	Psup	0.5182	-39.8768	-7.47	-0.8668	0.0074	2.8747	-4.8168
NE+3.30	C3	182	Psup	0.7773	-39.8768	-7.47	-0.8668	0.0074	3.0993	-2.8814
NE+3.30	C3	182	Psup	1.0364	-39.8768	-7.47	-0.8668	0.0074	3.3239	-0.946
NE+3.30	C3	182	Psup	1.2955	-39.8768	-7.47	-0.8668	0.0074	3.5485	0.9894
NE+3.30	C3	182	Psup	1.5545	-39.8768	-7.47	-0.8668	0.0074	3.7731	2.9248
NE+3.30	C3	182	Psup	1.8136	-39.8768	-7.47	-0.8668	0.0074	3.9976	4.8602
NE+3.30	C3	182	Psup	2.0727	-39.8768	-7.47	-0.8668	0.0074	4.2222	6.7956
NE+3.30	C3	182	Psup	2.3318	-39.8768	-7.47	-0.8668	0.0074	4.4468	8.731
NE+3.30	C3	182	Psup	2.5909	-39.8768	-7.47	-0.8668	0.0074	4.6714	10.6665
NE+3.30	C3	182	Psup	2.85	-39.8768	-7.47	-0.8668	0.0074	4.896	12.6019
NE+3.30	C3	182	Viva.cub	0	-0.0139	-0.1992	-0.2067	-0.0036	-0.5253	-0.3808
NE+3.30	C3	182	Viva.cub	0.2591	-0.0139	-0.1992	-0.2067	-0.0036	-0.4717	-0.3292
NE+3.30	C3	182	Viva.cub	0.5182	-0.0139	-0.1992	-0.2067	-0.0036	-0.4182	-0.2776
NE+3.30	C3	182	Viva.cub	0.7773	-0.0139	-0.1992	-0.2067	-0.0036	-0.3646	-0.226
NE+3.30	C3	182	Viva.cub	1.0364	-0.0139	-0.1992	-0.2067	-0.0036	-0.311	-0.1744
NE+3.30	C3	182	Viva.cub	1.2955	-0.0139	-0.1992	-0.2067	-0.0036	-0.2575	-0.1228
NE+3.30	C3	182	Viva.cub	1.5545	-0.0139	-0.1992	-0.2067	-0.0036	-0.2039	-0.0712
NE+3.30	C3	182	Viva.cub	1.8136	-0.0139	-0.1992	-0.2067	-0.0036	-0.1504	-0.0196
NE+3.30	C3	182	Viva.cub	2.0727	-0.0139	-0.1992	-0.2067	-0.0036	-0.0968	0.032
NE+3.30	C3	182	Viva.cub	2.3318	-0.0139	-0.1992	-0.2067	-0.0036	-0.0432	0.0836
NE+3.30	C3	182	Viva.cub	2.5909	-0.0139	-0.1992	-0.2067	-0.0036	0.0103	0.1353
NE+3.30	C3	182	Viva.cub	2.85	-0.0139	-0.1992	-0.2067	-0.0036	0.0639	0.1869
NE+3.30	C3	182	DISX-COMB Max	0	95.4124	129.5761	60.931	3.3816	146.0339	276.0615
NE+3.30	C3	182	DISX-COMB Max	0.2591	95.4124	129.5761	60.931	3.3816	130.2534	242.4896
NE+3.30	C3	182	DISX-COMB Max	0.5182	95.4124	129.5761	60.931	3.3816	114.4745	208.9178
NE+3.30	C3	182	DISX-COMB Max	0.7773	95.4124	129.5761	60.931	3.3816	98.6981	175.346
NE+3.30	C3	182	DISX-COMB Max	1.0364	95.4124	129.5761	60.931	3.3816	82.9256	141.7743
NE+3.30	C3	182	DISX-COMB Max	1.2955	95.4124	129.5761	60.931	3.3816	67.1598	108.2029
NE+3.30	C3	182	DISX-COMB Max	1.5545	95.4124	129.5761	60.931	3.3816	51.4067	74.6319
NE+3.30	C3	182	DISX-COMB Max	1.8136	95.4124	129.5761	60.931	3.3816	35.6834	41.0626
NE+3.30	C3	182	DISX-COMB Max	2.0727	95.4124	129.5761	60.931	3.3816	20.0599	7.5171
NE+3.30	C3	182	DISX-COMB Max	2.3318	95.4124	129.5761	60.931	3.3816	5.4709	26.0967
NE+3.30	C3	182	DISX-COMB Max	2.5909	95.4124	129.5761	60.931	3.3816	12.4859	59.6635
NE+3.30	C3	182	DISX-COMB Max	2.85	95.4124	129.5761	60.931	3.3816	27.9339	93.234

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C3	182	DISY-COMB Max	0	72.4182	25.6441	127.2489	3.9043	301.1654	53.1897
NE+3.30	C3	182	DISY-COMB Max	0.2591	72.4182	25.6441	127.2489	3.9043	268.1966	46.552
NE+3.30	C3	182	DISY-COMB Max	0.5182	72.4182	25.6441	127.2489	3.9043	235.2279	39.9166
NE+3.30	C3	182	DISY-COMB Max	0.7773	72.4182	25.6441	127.2489	3.9043	202.2592	33.2847
NE+3.30	C3	182	DISY-COMB Max	1.0364	72.4182	25.6441	127.2489	3.9043	169.2908	26.6588
NE+3.30	C3	182	DISY-COMB Max	1.2955	72.4182	25.6441	127.2489	3.9043	136.3226	20.045
NE+3.30	C3	182	DISY-COMB Max	1.5545	72.4182	25.6441	127.2489	3.9043	103.3549	13.4613
NE+3.30	C3	182	DISY-COMB Max	1.8136	72.4182	25.6441	127.2489	3.9043	70.3886	6.9926
NE+3.30	C3	182	DISY-COMB Max	2.0727	72.4182	25.6441	127.2489	3.9043	37.427	2.2087
NE+3.30	C3	182	DISY-COMB Max	2.3318	72.4182	25.6441	127.2489	3.9043	4.5743	7.0107
NE+3.30	C3	182	DISY-COMB Max	2.5909	72.4182	25.6441	127.2489	3.9043	28.5479	13.48
NE+3.30	C3	182	DISY-COMB Max	2.85	72.4182	25.6441	127.2489	3.9043	61.5057	20.0639
NE+3.30	C3	182	B241	0	-112.5083	-13.8892	-4.7978	-0.0006	0.7025	-16.2207
NE+3.30	C3	182	B241	0.2591	-109.9619	-13.8892	-4.7978	-0.0006	1.9456	-12.6221
NE+3.30	C3	182	B241	0.5182	-107.4156	-13.8892	-4.7978	-0.0006	3.1887	-9.0235
NE+3.30	C3	182	B241	0.7773	-104.8693	-13.8892	-4.7978	-0.0006	4.4318	-5.425
NE+3.30	C3	182	B241	1.0364	-102.3229	-13.8892	-4.7978	-0.0006	5.6748	-1.8264
NE+3.30	C3	182	B241	1.2955	-99.7766	-13.8892	-4.7978	-0.0006	6.9179	1.7722
NE+3.30	C3	182	B241	1.5545	-97.2302	-13.8892	-4.7978	-0.0006	8.161	5.3707
NE+3.30	C3	182	B241	1.8136	-94.6839	-13.8892	-4.7978	-0.0006	9.4041	8.9693
NE+3.30	C3	182	B241	2.0727	-92.1375	-13.8892	-4.7978	-0.0006	10.6471	12.5679
NE+3.30	C3	182	B241	2.3318	-89.5912	-13.8892	-4.7978	-0.0006	11.8902	16.1664
NE+3.30	C3	182	B241	2.5909	-87.0448	-13.8892	-4.7978	-0.0006	13.1333	19.765
NE+3.30	C3	182	B241	2.85	-84.4985	-13.8892	-4.7978	-0.0006	14.3764	23.3636
NE+3.30	C3	182	B242	0	-142.0665	-19.7749	-6.0529	-0.082	1.4155	-22.5012
NE+3.30	C3	182	B242	0.2591	-139.884	-19.7749	-6.0529	-0.082	2.9838	-17.3777
NE+3.30	C3	182	B242	0.5182	-137.7014	-19.7749	-6.0529	-0.082	4.552	-12.2542
NE+3.30	C3	182	B242	0.7773	-135.5188	-19.7749	-6.0529	-0.082	6.1203	-7.1307
NE+3.30	C3	182	B242	1.0364	-133.3362	-19.7749	-6.0529	-0.082	7.6885	-2.0072
NE+3.30	C3	182	B242	1.2955	-131.1536	-19.7749	-6.0529	-0.082	9.2568	3.1163
NE+3.30	C3	182	B242	1.5545	-128.971	-19.7749	-6.0529	-0.082	10.825	8.2398
NE+3.30	C3	182	B242	1.8136	-126.7885	-19.7749	-6.0529	-0.082	12.3933	13.3633
NE+3.30	C3	182	B242	2.0727	-124.6059	-19.7749	-6.0529	-0.082	13.9615	18.4868
NE+3.30	C3	182	B242	2.3318	-122.4233	-19.7749	-6.0529	-0.082	15.5298	23.6103
NE+3.30	C3	182	B242	2.5909	-120.2407	-19.7749	-6.0529	-0.082	17.098	28.7338
NE+3.30	C3	182	B242	2.85	-118.0581	-19.7749	-6.0529	-0.082	18.6663	33.8573
NE+3.30	C4	187	Pprop	0	-61.3074	-2.202	9.5391	-0.0079	10.9668	-2.7259
NE+3.30	C4	187	Pprop	0.25	-59.412	-2.202	9.5391	-0.0079	8.5821	-2.1754
NE+3.30	C4	187	Pprop	0.5	-57.5166	-2.202	9.5391	-0.0079	6.1973	-1.6249
NE+3.30	C4	187	Pprop	0.75	-55.6212	-2.202	9.5391	-0.0079	3.8125	-1.0744
NE+3.30	C4	187	Pprop	1	-53.7258	-2.202	9.5391	-0.0079	1.4277	-0.5239
NE+3.30	C4	187	Pprop	1.25	-51.8304	-2.202	9.5391	-0.0079	-0.957	0.0266
NE+3.30	C4	187	Pprop	1.5	-49.935	-2.202	9.5391	-0.0079	-3.3418	0.5771
NE+3.30	C4	187	Pprop	1.75	-48.0396	-2.202	9.5391	-0.0079	-5.7266	1.1276
NE+3.30	C4	187	Pprop	2	-46.1442	-2.202	9.5391	-0.0079	-8.1114	1.6781

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C4	187	Pprop	2.25	-44.2488	-2.202	9.5391	-0.0079	-10.4961	2.2285
NE+3.30	C4	187	Pprop	2.5	-42.3534	-2.202	9.5391	-0.0079	-12.8809	2.779
NE+3.30	C4	187	Pprop	2.75	-40.458	-2.202	9.5391	-0.0079	-15.2657	3.3295
NE+3.30	C4	187	Viva	0	-42.8882	-3.1896	10.4321	-0.0498	12.6991	-3.5746
NE+3.30	C4	187	Viva	0.25	-42.8882	-3.1896	10.4321	-0.0498	10.0911	-2.7772
NE+3.30	C4	187	Viva	0.5	-42.8882	-3.1896	10.4321	-0.0498	7.4831	-1.9798
NE+3.30	C4	187	Viva	0.75	-42.8882	-3.1896	10.4321	-0.0498	4.8751	-1.1824
NE+3.30	C4	187	Viva	1	-42.8882	-3.1896	10.4321	-0.0498	2.267	-0.385
NE+3.30	C4	187	Viva	1.25	-42.8882	-3.1896	10.4321	-0.0498	-0.341	0.4124
NE+3.30	C4	187	Viva	1.5	-42.8882	-3.1896	10.4321	-0.0498	-2.949	1.2098
NE+3.30	C4	187	Viva	1.75	-42.8882	-3.1896	10.4321	-0.0498	-5.557	2.0072
NE+3.30	C4	187	Viva	2	-42.8882	-3.1896	10.4321	-0.0498	-8.1651	2.8046
NE+3.30	C4	187	Viva	2.25	-42.8882	-3.1896	10.4321	-0.0498	-10.7731	3.602
NE+3.30	C4	187	Viva	2.5	-42.8882	-3.1896	10.4321	-0.0498	-13.3811	4.3994
NE+3.30	C4	187	Viva	2.75	-42.8882	-3.1896	10.4321	-0.0498	-15.9891	5.1968
NE+3.30	C4	187	Psup	0	-58.6097	-5.0865	14.7159	0.0074	18.6089	-6.1204
NE+3.30	C4	187	Psup	0.25	-58.6097	-5.0865	14.7159	0.0074	14.9299	-4.8487
NE+3.30	C4	187	Psup	0.5	-58.6097	-5.0865	14.7159	0.0074	11.2509	-3.5771
NE+3.30	C4	187	Psup	0.75	-58.6097	-5.0865	14.7159	0.0074	7.572	-2.3055
NE+3.30	C4	187	Psup	1	-58.6097	-5.0865	14.7159	0.0074	3.893	-1.0339
NE+3.30	C4	187	Psup	1.25	-58.6097	-5.0865	14.7159	0.0074	0.214	0.2377
NE+3.30	C4	187	Psup	1.5	-58.6097	-5.0865	14.7159	0.0074	-3.4649	1.5094
NE+3.30	C4	187	Psup	1.75	-58.6097	-5.0865	14.7159	0.0074	-7.1439	2.781
NE+3.30	C4	187	Psup	2	-58.6097	-5.0865	14.7159	0.0074	-10.8229	4.0526
NE+3.30	C4	187	Psup	2.25	-58.6097	-5.0865	14.7159	0.0074	-14.5018	5.3242
NE+3.30	C4	187	Psup	2.5	-58.6097	-5.0865	14.7159	0.0074	-18.1808	6.5958
NE+3.30	C4	187	Psup	2.75	-58.6097	-5.0865	14.7159	0.0074	-21.8598	7.8675
NE+3.30	C4	187	Viva.cub	0	-0.8194	-0.5699	-0.2385	-0.0036	-0.5582	-0.7853
NE+3.30	C4	187	Viva.cub	0.25	-0.8194	-0.5699	-0.2385	-0.0036	-0.4986	-0.6428
NE+3.30	C4	187	Viva.cub	0.5	-0.8194	-0.5699	-0.2385	-0.0036	-0.439	-0.5003
NE+3.30	C4	187	Viva.cub	0.75	-0.8194	-0.5699	-0.2385	-0.0036	-0.3794	-0.3579
NE+3.30	C4	187	Viva.cub	1	-0.8194	-0.5699	-0.2385	-0.0036	-0.3198	-0.2154
NE+3.30	C4	187	Viva.cub	1.25	-0.8194	-0.5699	-0.2385	-0.0036	-0.2602	-0.0729
NE+3.30	C4	187	Viva.cub	1.5	-0.8194	-0.5699	-0.2385	-0.0036	-0.2005	0.0695
NE+3.30	C4	187	Viva.cub	1.75	-0.8194	-0.5699	-0.2385	-0.0036	-0.1409	0.212
NE+3.30	C4	187	Viva.cub	2	-0.8194	-0.5699	-0.2385	-0.0036	-0.0813	0.3545
NE+3.30	C4	187	Viva.cub	2.25	-0.8194	-0.5699	-0.2385	-0.0036	-0.0217	0.4969
NE+3.30	C4	187	Viva.cub	2.5	-0.8194	-0.5699	-0.2385	-0.0036	0.0379	0.6394
NE+3.30	C4	187	Viva.cub	2.75	-0.8194	-0.5699	-0.2385	-0.0036	0.0975	0.7819
NE+3.30	C4	187	DISX-COMB Max	0	78.0511	147.3405	80.1176	3.3816	165.9985	299.6316
NE+3.30	C4	187	DISX-COMB Max	0.25	78.0511	147.3405	80.1176	3.3816	145.9691	262.7966
NE+3.30	C4	187	DISX-COMB Max	0.5	78.0511	147.3405	80.1176	3.3816	125.9397	225.9617
NE+3.30	C4	187	DISX-COMB Max	0.75	78.0511	147.3405	80.1176	3.3816	105.9103	189.1268
NE+3.30	C4	187	DISX-COMB Max	1	78.0511	147.3405	80.1176	3.3816	85.881	152.2921
NE+3.30	C4	187	DISX-COMB Max	1.25	78.0511	147.3405	80.1176	3.3816	65.8516	115.4576

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C4	187	DISX-COMB Max	1.5	78.0511	147.3405	80.1176	3.3816	45.8223	78.6236
NE+3.30	C4	187	DISX-COMB Max	1.75	78.0511	147.3405	80.1176	3.3816	25.7931	41.7918
NE+3.30	C4	187	DISX-COMB Max	2	78.0511	147.3405	80.1176	3.3816	5.7656	5.008
NE+3.30	C4	187	DISX-COMB Max	2.25	78.0511	147.3405	80.1176	3.3816	14.2671	31.8945
NE+3.30	C4	187	DISX-COMB Max	2.5	78.0511	147.3405	80.1176	3.3816	34.296	68.7248
NE+3.30	C4	187	DISX-COMB Max	2.75	78.0511	147.3405	80.1176	3.3816	54.3252	105.5584
NE+3.30	C4	187	DISY-COMB Max	0	34.9455	18.3389	163.3938	3.9043	338.7051	37.8724
NE+3.30	C4	187	DISY-COMB Max	0.25	34.9455	18.3389	163.3938	3.9043	297.8566	33.2938
NE+3.30	C4	187	DISY-COMB Max	0.5	34.9455	18.3389	163.3938	3.9043	257.0081	28.7171
NE+3.30	C4	187	DISY-COMB Max	0.75	34.9455	18.3389	163.3938	3.9043	216.1597	24.1435
NE+3.30	C4	187	DISY-COMB Max	1	34.9455	18.3389	163.3938	3.9043	175.3112	19.575
NE+3.30	C4	187	DISY-COMB Max	1.25	34.9455	18.3389	163.3938	3.9043	134.4628	15.0165
NE+3.30	C4	187	DISY-COMB Max	1.5	34.9455	18.3389	163.3938	3.9043	93.6143	10.4808
NE+3.30	C4	187	DISY-COMB Max	1.75	34.9455	18.3389	163.3938	3.9043	52.7659	6.0199
NE+3.30	C4	187	DISY-COMB Max	2	34.9455	18.3389	163.3938	3.9043	11.9175	2.1609
NE+3.30	C4	187	DISY-COMB Max	2.25	34.9455	18.3389	163.3938	3.9043	28.9311	3.891
NE+3.30	C4	187	DISY-COMB Max	2.5	34.9455	18.3389	163.3938	3.9043	69.7795	8.2249
NE+3.30	C4	187	DISY-COMB Max	2.75	34.9455	18.3389	163.3938	3.9043	110.628	12.7357
NE+3.30	C4	187	B241	0	-155.448	-9.448	31.4416	-0.0006	38.3389	-11.4673
NE+3.30	C4	187	B241	0.25	-152.991	-9.448	31.4416	-0.0006	30.4785	-9.1054
NE+3.30	C4	187	B241	0.5	-150.534	-9.448	31.4416	-0.0006	22.618	-6.7434
NE+3.30	C4	187	B241	0.75	-148.077	-9.448	31.4416	-0.0006	14.7576	-4.3814
NE+3.30	C4	187	B241	1	-145.62	-9.448	31.4416	-0.0006	6.8972	-2.0194
NE+3.30	C4	187	B241	1.25	-143.163	-9.448	31.4416	-0.0006	-0.9632	0.3426
NE+3.30	C4	187	B241	1.5	-140.706	-9.448	31.4416	-0.0006	-8.8236	2.7046
NE+3.30	C4	187	B241	1.75	-138.249	-9.448	31.4416	-0.0006	-16.684	5.0666
NE+3.30	C4	187	B241	2	-135.792	-9.448	31.4416	-0.0006	-24.5444	7.4286
NE+3.30	C4	187	B241	2.25	-133.335	-9.448	31.4416	-0.0006	-32.4048	9.7906
NE+3.30	C4	187	B241	2.5	-130.878	-9.448	31.4416	-0.0006	-40.2652	12.1526
NE+3.30	C4	187	B241	2.75	-128.421	-9.448	31.4416	-0.0006	-48.1256	14.5146
NE+3.30	C4	187	B242	0	-202.2721	-13.4866	43.5221	-0.082	52.9014	-15.9411
NE+3.30	C4	187	B242	0.25	-200.1661	-13.4866	43.5221	-0.082	42.0209	-12.5695
NE+3.30	C4	187	B242	0.5	-198.0601	-13.4866	43.5221	-0.082	31.1403	-9.1978
NE+3.30	C4	187	B242	0.75	-195.9541	-13.4866	43.5221	-0.082	20.2598	-5.8262
NE+3.30	C4	187	B242	1	-193.8481	-13.4866	43.5221	-0.082	9.3793	-2.4546
NE+3.30	C4	187	B242	1.25	-191.7421	-13.4866	43.5221	-0.082	-1.5012	0.9171
NE+3.30	C4	187	B242	1.5	-189.6361	-13.4866	43.5221	-0.082	-12.3818	4.2887
NE+3.30	C4	187	B242	1.75	-187.5301	-13.4866	43.5221	-0.082	-23.2623	7.6604
NE+3.30	C4	187	B242	2	-185.4241	-13.4866	43.5221	-0.082	-34.1428	11.032
NE+3.30	C4	187	B242	2.25	-183.3181	-13.4866	43.5221	-0.082	-45.0233	14.4036
NE+3.30	C4	187	B242	2.5	-181.2121	-13.4866	43.5221	-0.082	-55.9039	17.7753
NE+3.30	C4	187	B242	2.75	-179.1061	-13.4866	43.5221	-0.082	-66.7844	21.1469
NE+3.30	C5	192	Pprop	0	-62.7093	-2.2424	-3.5499	-0.0079	-2.6267	-2.8036
NE+3.30	C5	192	Pprop	0.25	-60.8139	-2.2424	-3.5499	-0.0079	-1.7392	-2.243
NE+3.30	C5	192	Pprop	0.5	-58.9185	-2.2424	-3.5499	-0.0079	-0.8517	-1.6824

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C5	192	Pprop	0.75	-57.0231	-2.2424	-3.5499	-0.0079	0.0357	-1.1217
NE+3.30	C5	192	Pprop	1	-55.1277	-2.2424	-3.5499	-0.0079	0.9232	-0.5611
NE+3.30	C5	192	Pprop	1.25	-53.2323	-2.2424	-3.5499	-0.0079	1.8107	-0.0005
NE+3.30	C5	192	Pprop	1.5	-51.3369	-2.2424	-3.5499	-0.0079	2.6982	0.5601
NE+3.30	C5	192	Pprop	1.75	-49.4415	-2.2424	-3.5499	-0.0079	3.5857	1.1207
NE+3.30	C5	192	Pprop	2	-47.5461	-2.2424	-3.5499	-0.0079	4.4731	1.6813
NE+3.30	C5	192	Pprop	2.25	-45.6507	-2.2424	-3.5499	-0.0079	5.3606	2.2419
NE+3.30	C5	192	Pprop	2.5	-43.7553	-2.2424	-3.5499	-0.0079	6.2481	2.8025
NE+3.30	C5	192	Pprop	2.75	-41.8599	-2.2424	-3.5499	-0.0079	7.1356	3.3631
NE+3.30	C5	192	Viva	0	-43.6773	-3.6178	-5.1978	-0.0498	-3.5332	-4.2501
NE+3.30	C5	192	Viva	0.25	-43.6773	-3.6178	-5.1978	-0.0498	-2.2338	-3.3456
NE+3.30	C5	192	Viva	0.5	-43.6773	-3.6178	-5.1978	-0.0498	-0.9343	-2.4412
NE+3.30	C5	192	Viva	0.75	-43.6773	-3.6178	-5.1978	-0.0498	0.3651	-1.5367
NE+3.30	C5	192	Viva	1	-43.6773	-3.6178	-5.1978	-0.0498	1.6646	-0.6322
NE+3.30	C5	192	Viva	1.25	-43.6773	-3.6178	-5.1978	-0.0498	2.964	0.2722
NE+3.30	C5	192	Viva	1.5	-43.6773	-3.6178	-5.1978	-0.0498	4.2635	1.1767
NE+3.30	C5	192	Viva	1.75	-43.6773	-3.6178	-5.1978	-0.0498	5.5629	2.0811
NE+3.30	C5	192	Viva	2	-43.6773	-3.6178	-5.1978	-0.0498	6.8624	2.9856
NE+3.30	C5	192	Viva	2.25	-43.6773	-3.6178	-5.1978	-0.0498	8.1618	3.8901
NE+3.30	C5	192	Viva	2.5	-43.6773	-3.6178	-5.1978	-0.0498	9.4613	4.7945
NE+3.30	C5	192	Viva	2.75	-43.6773	-3.6178	-5.1978	-0.0498	10.7607	5.699
NE+3.30	C5	192	Psup	0	-58.5039	-5.0477	-6.3902	0.0074	-3.3107	-6.0464
NE+3.30	C5	192	Psup	0.25	-58.5039	-5.0477	-6.3902	0.0074	-1.7132	-4.7845
NE+3.30	C5	192	Psup	0.5	-58.5039	-5.0477	-6.3902	0.0074	-0.1156	-3.5226
NE+3.30	C5	192	Psup	0.75	-58.5039	-5.0477	-6.3902	0.0074	1.4819	-2.2606
NE+3.30	C5	192	Psup	1	-58.5039	-5.0477	-6.3902	0.0074	3.0794	-0.9987
NE+3.30	C5	192	Psup	1.25	-58.5039	-5.0477	-6.3902	0.0074	4.677	0.2632
NE+3.30	C5	192	Psup	1.5	-58.5039	-5.0477	-6.3902	0.0074	6.2745	1.5252
NE+3.30	C5	192	Psup	1.75	-58.5039	-5.0477	-6.3902	0.0074	7.8721	2.7871
NE+3.30	C5	192	Psup	2	-58.5039	-5.0477	-6.3902	0.0074	9.4696	4.049
NE+3.30	C5	192	Psup	2.25	-58.5039	-5.0477	-6.3902	0.0074	11.0671	5.3109
NE+3.30	C5	192	Psup	2.5	-58.5039	-5.0477	-6.3902	0.0074	12.6647	6.5729
NE+3.30	C5	192	Psup	2.75	-58.5039	-5.0477	-6.3902	0.0074	14.2622	7.8348
NE+3.30	C5	192	Viva.cub	0	-0.4319	-0.3637	-0.2321	-0.0036	-0.5517	-0.5804
NE+3.30	C5	192	Viva.cub	0.25	-0.4319	-0.3637	-0.2321	-0.0036	-0.4936	-0.4895
NE+3.30	C5	192	Viva.cub	0.5	-0.4319	-0.3637	-0.2321	-0.0036	-0.4356	-0.3986
NE+3.30	C5	192	Viva.cub	0.75	-0.4319	-0.3637	-0.2321	-0.0036	-0.3776	-0.3076
NE+3.30	C5	192	Viva.cub	1	-0.4319	-0.3637	-0.2321	-0.0036	-0.3195	-0.2167
NE+3.30	C5	192	Viva.cub	1.25	-0.4319	-0.3637	-0.2321	-0.0036	-0.2615	-0.1257
NE+3.30	C5	192	Viva.cub	1.5	-0.4319	-0.3637	-0.2321	-0.0036	-0.2035	-0.0348
NE+3.30	C5	192	Viva.cub	1.75	-0.4319	-0.3637	-0.2321	-0.0036	-0.1454	0.0561
NE+3.30	C5	192	Viva.cub	2	-0.4319	-0.3637	-0.2321	-0.0036	-0.0874	0.1471
NE+3.30	C5	192	Viva.cub	2.25	-0.4319	-0.3637	-0.2321	-0.0036	-0.0294	0.238
NE+3.30	C5	192	Viva.cub	2.5	-0.4319	-0.3637	-0.2321	-0.0036	0.0287	0.3289
NE+3.30	C5	192	Viva.cub	2.75	-0.4319	-0.3637	-0.2321	-0.0036	0.0867	0.4199

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C5	192	DISX-COMB Max	0	116.9887	172.4092	59.3673	3.3816	144.3538	336.4993
NE+3.30	C5	192	DISX-COMB Max	0.25	116.9887	172.4092	59.3673	3.3816	129.5265	293.4041
NE+3.30	C5	192	DISX-COMB Max	0.5	116.9887	172.4092	59.3673	3.3816	114.703	250.3113
NE+3.30	C5	192	DISX-COMB Max	0.75	116.9887	172.4092	59.3673	3.3816	99.8849	207.2225
NE+3.30	C5	192	DISX-COMB Max	1	116.9887	172.4092	59.3673	3.3816	85.0752	164.1409
NE+3.30	C5	192	DISX-COMB Max	1.25	116.9887	172.4092	59.3673	3.3816	70.2789	121.0738
NE+3.30	C5	192	DISX-COMB Max	1.5	116.9887	172.4092	59.3673	3.3816	55.507	78.0457
NE+3.30	C5	192	DISX-COMB Max	1.75	116.9887	172.4092	59.3673	3.3816	40.7859	35.1996
NE+3.30	C5	192	DISX-COMB Max	2	116.9887	172.4092	59.3673	3.3816	26.2013	10.1246
NE+3.30	C5	192	DISX-COMB Max	2.25	116.9887	172.4092	59.3673	3.3816	12.2511	51.7843
NE+3.30	C5	192	DISX-COMB Max	2.5	116.9887	172.4092	59.3673	3.3816	7.364	94.7435
NE+3.30	C5	192	DISX-COMB Max	2.75	116.9887	172.4092	59.3673	3.3816	19.9732	137.7922
NE+3.30	C5	192	DISY-COMB Max	0	28.7346	9.9932	112.2021	3.9043	285.5393	19.4103
NE+3.30	C5	192	DISY-COMB Max	0.25	28.7346	9.9932	112.2021	3.9043	257.4889	16.9167
NE+3.30	C5	192	DISY-COMB Max	0.5	28.7346	9.9932	112.2021	3.9043	229.4386	14.4247
NE+3.30	C5	192	DISY-COMB Max	0.75	28.7346	9.9932	112.2021	3.9043	201.3882	11.9353
NE+3.30	C5	192	DISY-COMB Max	1	28.7346	9.9932	112.2021	3.9043	173.338	9.4506
NE+3.30	C5	192	DISY-COMB Max	1.25	28.7346	9.9932	112.2021	3.9043	145.2878	6.9756
NE+3.30	C5	192	DISY-COMB Max	1.5	28.7346	9.9932	112.2021	3.9043	117.2378	4.5263
NE+3.30	C5	192	DISY-COMB Max	1.75	28.7346	9.9932	112.2021	3.9043	89.1882	2.1906
NE+3.30	C5	192	DISY-COMB Max	2	28.7346	9.9932	112.2021	3.9043	61.1393	1.2621
NE+3.30	C5	192	DISY-COMB Max	2.25	28.7346	9.9932	112.2021	3.9043	33.0932	3.2969
NE+3.30	C5	192	DISY-COMB Max	2.5	28.7346	9.9932	112.2021	3.9043	5.0964	5.7123
NE+3.30	C5	192	DISY-COMB Max	2.75	28.7346	9.9932	112.2021	3.9043	23.0315	8.1776
NE+3.30	C5	192	B241	0	-157.1282	-9.4502	-12.8853	-0.0006	-7.6967	-11.4722
NE+3.30	C5	192	B241	0.25	-154.6712	-9.4502	-12.8853	-0.0006	-4.4753	-9.1097
NE+3.30	C5	192	B241	0.5	-152.2142	-9.4502	-12.8853	-0.0006	-1.254	-6.7471
NE+3.30	C5	192	B241	0.75	-149.7572	-9.4502	-12.8853	-0.0006	1.9673	-4.3846
NE+3.30	C5	192	B241	1	-147.3002	-9.4502	-12.8853	-0.0006	5.1886	-2.022
NE+3.30	C5	192	B241	1.25	-144.8432	-9.4502	-12.8853	-0.0006	8.41	0.3405
NE+3.30	C5	192	B241	1.5	-142.3862	-9.4502	-12.8853	-0.0006	11.6313	2.7031
NE+3.30	C5	192	B241	1.75	-139.9292	-9.4502	-12.8853	-0.0006	14.8526	5.0656
NE+3.30	C5	192	B241	2	-137.4722	-9.4502	-12.8853	-0.0006	18.0739	7.4282
NE+3.30	C5	192	B241	2.25	-135.0152	-9.4502	-12.8853	-0.0006	21.2952	9.7907
NE+3.30	C5	192	B241	2.5	-132.5582	-9.4502	-12.8853	-0.0006	24.5166	12.1533
NE+3.30	C5	192	B241	2.75	-130.1012	-9.4502	-12.8853	-0.0006	27.7379	14.5158
NE+3.30	C5	192	B242	0	-204.781	-14.0706	-19.4771	-0.082	-12.5261	-16.9237
NE+3.30	C5	192	B242	0.25	-202.675	-14.0706	-19.4771	-0.082	-7.6569	-13.406
NE+3.30	C5	192	B242	0.5	-200.569	-14.0706	-19.4771	-0.082	-2.7876	-9.8884
NE+3.30	C5	192	B242	0.75	-198.463	-14.0706	-19.4771	-0.082	2.0817	-6.3707
NE+3.30	C5	192	B242	1	-196.357	-14.0706	-19.4771	-0.082	6.951	-2.8531
NE+3.30	C5	192	B242	1.25	-194.251	-14.0706	-19.4771	-0.082	11.8202	0.6646
NE+3.30	C5	192	B242	1.5	-192.145	-14.0706	-19.4771	-0.082	16.6895	4.1822
NE+3.30	C5	192	B242	1.75	-190.039	-14.0706	-19.4771	-0.082	21.5588	7.6999
NE+3.30	C5	192	B242	2	-187.933	-14.0706	-19.4771	-0.082	26.4281	11.2175

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C5	192	B242	2.25	-185.827	-14.0706	-19.4771	-0.082	31.2973	14.7351
NE+3.30	C5	192	B242	2.5	-183.721	-14.0706	-19.4771	-0.082	36.1666	18.2528
NE+3.30	C5	192	B242	2.75	-181.615	-14.0706	-19.4771	-0.082	41.0359	21.7704
NE+3.30	C6	197	Pprop	0	-63.6761	-0.0671	-3.1569	-0.0079	-2.2575	-0.4239
NE+3.30	C6	197	Pprop	0.2591	-61.7118	-0.0671	-3.1569	-0.0079	-1.4396	-0.4065
NE+3.30	C6	197	Pprop	0.5182	-59.7475	-0.0671	-3.1569	-0.0079	-0.6217	-0.3891
NE+3.30	C6	197	Pprop	0.7773	-57.7831	-0.0671	-3.1569	-0.0079	0.1962	-0.3717
NE+3.30	C6	197	Pprop	1.0364	-55.8188	-0.0671	-3.1569	-0.0079	1.0142	-0.3543
NE+3.30	C6	197	Pprop	1.2955	-53.8545	-0.0671	-3.1569	-0.0079	1.8321	-0.3369
NE+3.30	C6	197	Pprop	1.5545	-51.8902	-0.0671	-3.1569	-0.0079	2.65	-0.3196
NE+3.30	C6	197	Pprop	1.8136	-49.9258	-0.0671	-3.1569	-0.0079	3.468	-0.3022
NE+3.30	C6	197	Pprop	2.0727	-47.9615	-0.0671	-3.1569	-0.0079	4.2859	-0.2848
NE+3.30	C6	197	Pprop	2.3318	-45.9972	-0.0671	-3.1569	-0.0079	5.1038	-0.2674
NE+3.30	C6	197	Pprop	2.5909	-44.0329	-0.0671	-3.1569	-0.0079	5.9217	-0.25
NE+3.30	C6	197	Pprop	2.85	-42.0685	-0.0671	-3.1569	-0.0079	6.7397	-0.2326
NE+3.30	C6	197	Viva	0	-62.6056	0.0775	-0.3523	-0.0498	1.2528	0.0274
NE+3.30	C6	197	Viva	0.2591	-62.6056	0.0775	-0.3523	-0.0498	1.3441	0.0073
NE+3.30	C6	197	Viva	0.5182	-62.6056	0.0775	-0.3523	-0.0498	1.4354	-0.0128
NE+3.30	C6	197	Viva	0.7773	-62.6056	0.0775	-0.3523	-0.0498	1.5266	-0.0328
NE+3.30	C6	197	Viva	1.0364	-62.6056	0.0775	-0.3523	-0.0498	1.6179	-0.0529
NE+3.30	C6	197	Viva	1.2955	-62.6056	0.0775	-0.3523	-0.0498	1.7092	-0.073
NE+3.30	C6	197	Viva	1.5545	-62.6056	0.0775	-0.3523	-0.0498	1.8005	-0.0931
NE+3.30	C6	197	Viva	1.8136	-62.6056	0.0775	-0.3523	-0.0498	1.8918	-0.1131
NE+3.30	C6	197	Viva	2.0727	-62.6056	0.0775	-0.3523	-0.0498	1.9831	-0.1332
NE+3.30	C6	197	Viva	2.3318	-62.6056	0.0775	-0.3523	-0.0498	2.0744	-0.1533
NE+3.30	C6	197	Viva	2.5909	-62.6056	0.0775	-0.3523	-0.0498	2.1657	-0.1733
NE+3.30	C6	197	Viva	2.85	-62.6056	0.0775	-0.3523	-0.0498	2.2569	-0.1934
NE+3.30	C6	197	Psup	0	-71.7455	0.2979	-1.6852	0.0074	1.6124	-0.3718
NE+3.30	C6	197	Psup	0.2591	-71.7455	0.2979	-1.6852	0.0074	2.049	-0.449
NE+3.30	C6	197	Psup	0.5182	-71.7455	0.2979	-1.6852	0.0074	2.4857	-0.5261
NE+3.30	C6	197	Psup	0.7773	-71.7455	0.2979	-1.6852	0.0074	2.9223	-0.6033
NE+3.30	C6	197	Psup	1.0364	-71.7455	0.2979	-1.6852	0.0074	3.3589	-0.6805
NE+3.30	C6	197	Psup	1.2955	-71.7455	0.2979	-1.6852	0.0074	3.7955	-0.7577
NE+3.30	C6	197	Psup	1.5545	-71.7455	0.2979	-1.6852	0.0074	4.2321	-0.8348
NE+3.30	C6	197	Psup	1.8136	-71.7455	0.2979	-1.6852	0.0074	4.6687	-0.912
NE+3.30	C6	197	Psup	2.0727	-71.7455	0.2979	-1.6852	0.0074	5.1054	-0.9892
NE+3.30	C6	197	Psup	2.3318	-71.7455	0.2979	-1.6852	0.0074	5.542	-1.0663
NE+3.30	C6	197	Psup	2.5909	-71.7455	0.2979	-1.6852	0.0074	5.9786	-1.1435
NE+3.30	C6	197	Psup	2.85	-71.7455	0.2979	-1.6852	0.0074	6.4152	-1.2207
NE+3.30	C6	197	Viva.cub	0	-3.5347	-0.0489	0.3027	-0.0036	-0.0142	-0.22
NE+3.30	C6	197	Viva.cub	0.2591	-3.5347	-0.0489	0.3027	-0.0036	-0.0926	-0.2073
NE+3.30	C6	197	Viva.cub	0.5182	-3.5347	-0.0489	0.3027	-0.0036	-0.171	-0.1946
NE+3.30	C6	197	Viva.cub	0.7773	-3.5347	-0.0489	0.3027	-0.0036	-0.2494	-0.1819
NE+3.30	C6	197	Viva.cub	1.0364	-3.5347	-0.0489	0.3027	-0.0036	-0.3279	-0.1693
NE+3.30	C6	197	Viva.cub	1.2955	-3.5347	-0.0489	0.3027	-0.0036	-0.4063	-0.1566

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C6	197	Viva.cub	1.5545	-3.5347	-0.0489	0.3027	-0.0036	-0.4847	-0.1439
NE+3.30	C6	197	Viva.cub	1.8136	-3.5347	-0.0489	0.3027	-0.0036	-0.5632	-0.1312
NE+3.30	C6	197	Viva.cub	2.0727	-3.5347	-0.0489	0.3027	-0.0036	-0.6416	-0.1186
NE+3.30	C6	197	Viva.cub	2.3318	-3.5347	-0.0489	0.3027	-0.0036	-0.72	-0.1059
NE+3.30	C6	197	Viva.cub	2.5909	-3.5347	-0.0489	0.3027	-0.0036	-0.7984	-0.0932
NE+3.30	C6	197	Viva.cub	2.85	-3.5347	-0.0489	0.3027	-0.0036	-0.8769	-0.0805
NE+3.30	C6	197	DISX-COMB Max	0	86.0951	163.5023	59.0683	3.3816	128.3845	312.3811
NE+3.30	C6	197	DISX-COMB Max	0.2591	86.0951	163.5023	59.0683	3.3816	113.0819	270.0192
NE+3.30	C6	197	DISX-COMB Max	0.5182	86.0951	163.5023	59.0683	3.3816	97.7798	227.6574
NE+3.30	C6	197	DISX-COMB Max	0.7773	86.0951	163.5023	59.0683	3.3816	82.4785	185.2956
NE+3.30	C6	197	DISX-COMB Max	1.0364	86.0951	163.5023	59.0683	3.3816	67.1784	142.934
NE+3.30	C6	197	DISX-COMB Max	1.2955	86.0951	163.5023	59.0683	3.3816	51.8806	100.5726
NE+3.30	C6	197	DISX-COMB Max	1.5545	86.0951	163.5023	59.0683	3.3816	36.5881	58.212
NE+3.30	C6	197	DISX-COMB Max	1.8136	86.0951	163.5023	59.0683	3.3816	21.3121	15.8586
NE+3.30	C6	197	DISX-COMB Max	2.0727	86.0951	163.5023	59.0683	3.3816	6.1771	26.5222
NE+3.30	C6	197	DISX-COMB Max	2.3318	86.0951	163.5023	59.0683	3.3816	9.515	68.8798
NE+3.30	C6	197	DISX-COMB Max	2.5909	86.0951	163.5023	59.0683	3.3816	24.7253	111.2407
NE+3.30	C6	197	DISX-COMB Max	2.85	86.0951	163.5023	59.0683	3.3816	40.0072	153.6022
NE+3.30	C6	197	DISY-COMB Max	0	170.41	31.8384	153.8898	3.9043	337.044	59.855
NE+3.30	C6	197	DISY-COMB Max	0.2591	170.41	31.8384	153.8898	3.9043	297.1726	51.6078
NE+3.30	C6	197	DISY-COMB Max	0.5182	170.41	31.8384	153.8898	3.9043	257.3011	43.3612
NE+3.30	C6	197	DISY-COMB Max	0.7773	170.41	31.8384	153.8898	3.9043	217.4297	35.1158
NE+3.30	C6	197	DISY-COMB Max	1.0364	170.41	31.8384	153.8898	3.9043	177.5583	26.8726
NE+3.30	C6	197	DISY-COMB Max	1.2955	170.41	31.8384	153.8898	3.9043	137.6869	18.6346
NE+3.30	C6	197	DISY-COMB Max	1.5545	170.41	31.8384	153.8898	3.9043	97.8155	10.414
NE+3.30	C6	197	DISY-COMB Max	1.8136	170.41	31.8384	153.8898	3.9043	57.9442	2.3977
NE+3.30	C6	197	DISY-COMB Max	2.0727	170.41	31.8384	153.8898	3.9043	18.0738	6.2561
NE+3.30	C6	197	DISY-COMB Max	2.3318	170.41	31.8384	153.8898	3.9043	21.8003	14.4438
NE+3.30	C6	197	DISY-COMB Max	2.5909	170.41	31.8384	153.8898	3.9043	61.671	22.676
NE+3.30	C6	197	DISY-COMB Max	2.85	170.41	31.8384	153.8898	3.9043	101.5423	30.9172
NE+3.30	C6	197	B241	0	-175.5466	0.2991	-6.2768	-0.0006	-0.8363	-1.0314
NE+3.30	C6	197	B241	0.2591	-173.0002	0.2991	-6.2768	-0.0006	0.79	-1.1089
NE+3.30	C6	197	B241	0.5182	-170.4539	0.2991	-6.2768	-0.0006	2.4163	-1.1864
NE+3.30	C6	197	B241	0.7773	-167.9075	0.2991	-6.2768	-0.0006	4.0425	-1.2639
NE+3.30	C6	197	B241	1.0364	-165.3612	0.2991	-6.2768	-0.0006	5.6688	-1.3414
NE+3.30	C6	197	B241	1.2955	-162.8148	0.2991	-6.2768	-0.0006	7.295	-1.4189
NE+3.30	C6	197	B241	1.5545	-160.2685	0.2991	-6.2768	-0.0006	8.9213	-1.4964
NE+3.30	C6	197	B241	1.8136	-157.7221	0.2991	-6.2768	-0.0006	10.5476	-1.5739
NE+3.30	C6	197	B241	2.0727	-155.1758	0.2991	-6.2768	-0.0006	12.1738	-1.6514
NE+3.30	C6	197	B241	2.3318	-152.6295	0.2991	-6.2768	-0.0006	13.8001	-1.7289
NE+3.30	C6	197	B241	2.5909	-150.0831	0.2991	-6.2768	-0.0006	15.4263	-1.8065
NE+3.30	C6	197	B241	2.85	-147.5368	0.2991	-6.2768	-0.0006	17.0526	-1.884
NE+3.30	C6	197	B242	0	-252.4047	0.3559	-5.7925	-0.082	1.2806	-0.9502
NE+3.30	C6	197	B242	0.2591	-250.2222	0.3559	-5.7925	-0.082	2.7814	-1.0425
NE+3.30	C6	197	B242	0.5182	-248.0396	0.3559	-5.7925	-0.082	4.2821	-1.1347

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C6	197	B242	0.7773	-245.857	0.3559	-5.7925	-0.082	5.7829	-1.2269
NE+3.30	C6	197	B242	1.0364	-243.6744	0.3559	-5.7925	-0.082	7.2837	-1.3191
NE+3.30	C6	197	B242	1.2955	-241.4918	0.3559	-5.7925	-0.082	8.7845	-1.4113
NE+3.30	C6	197	B242	1.5545	-239.3093	0.3559	-5.7925	-0.082	10.2853	-1.5035
NE+3.30	C6	197	B242	1.8136	-237.1267	0.3559	-5.7925	-0.082	11.7861	-1.5957
NE+3.30	C6	197	B242	2.0727	-234.9441	0.3559	-5.7925	-0.082	13.2868	-1.6879
NE+3.30	C6	197	B242	2.3318	-232.7615	0.3559	-5.7925	-0.082	14.7876	-1.7801
NE+3.30	C6	197	B242	2.5909	-230.5789	0.3559	-5.7925	-0.082	16.2884	-1.8723
NE+3.30	C6	197	B242	2.85	-228.3963	0.3559	-5.7925	-0.082	17.7892	-1.9646
NE+3.30	C12	202	Pprop	0	-125.783	-1.3207	8.2787	-0.0079	9.6189	-1.7825
NE+3.30	C12	202	Pprop	0.25	-123.8876	-1.3207	8.2787	-0.0079	7.5492	-1.4523
NE+3.30	C12	202	Pprop	0.5	-121.9922	-1.3207	8.2787	-0.0079	5.4795	-1.1221
NE+3.30	C12	202	Pprop	0.75	-120.0968	-1.3207	8.2787	-0.0079	3.4098	-0.7919
NE+3.30	C12	202	Pprop	1	-118.2014	-1.3207	8.2787	-0.0079	1.3402	-0.4617
NE+3.30	C12	202	Pprop	1.25	-116.306	-1.3207	8.2787	-0.0079	-0.7295	-0.1316
NE+3.30	C12	202	Pprop	1.5	-114.4106	-1.3207	8.2787	-0.0079	-2.7992	0.1986
NE+3.30	C12	202	Pprop	1.75	-112.5152	-1.3207	8.2787	-0.0079	-4.8689	0.5288
NE+3.30	C12	202	Pprop	2	-110.6198	-1.3207	8.2787	-0.0079	-6.9386	0.859
NE+3.30	C12	202	Pprop	2.25	-108.7244	-1.3207	8.2787	-0.0079	-9.0083	1.1892
NE+3.30	C12	202	Pprop	2.5	-106.829	-1.3207	8.2787	-0.0079	-11.0779	1.5194
NE+3.30	C12	202	Pprop	2.75	-104.9336	-1.3207	8.2787	-0.0079	-13.1476	1.8495
NE+3.30	C12	202	Viva	0	-119.8063	-1.532	13.6808	-0.0498	15.8269	-1.8001
NE+3.30	C12	202	Viva	0.25	-119.8063	-1.532	13.6808	-0.0498	12.4067	-1.4171
NE+3.30	C12	202	Viva	0.5	-119.8063	-1.532	13.6808	-0.0498	8.9865	-1.0341
NE+3.30	C12	202	Viva	0.75	-119.8063	-1.532	13.6808	-0.0498	5.5662	-0.6511
NE+3.30	C12	202	Viva	1	-119.8063	-1.532	13.6808	-0.0498	2.146	-0.2681
NE+3.30	C12	202	Viva	1.25	-119.8063	-1.532	13.6808	-0.0498	-1.2742	0.115
NE+3.30	C12	202	Viva	1.5	-119.8063	-1.532	13.6808	-0.0498	-4.6944	0.498
NE+3.30	C12	202	Viva	1.75	-119.8063	-1.532	13.6808	-0.0498	-8.1146	0.881
NE+3.30	C12	202	Viva	2	-119.8063	-1.532	13.6808	-0.0498	-11.5348	1.264
NE+3.30	C12	202	Viva	2.25	-119.8063	-1.532	13.6808	-0.0498	-14.955	1.647
NE+3.30	C12	202	Viva	2.5	-119.8063	-1.532	13.6808	-0.0498	-18.3752	2.03
NE+3.30	C12	202	Viva	2.75	-119.8063	-1.532	13.6808	-0.0498	-21.7954	2.413
NE+3.30	C12	202	Psup	0	-174.8384	-2.3449	21.0176	0.0074	25.1903	-3.1853
NE+3.30	C12	202	Psup	0.25	-174.8384	-2.3449	21.0176	0.0074	19.9359	-2.5991
NE+3.30	C12	202	Psup	0.5	-174.8384	-2.3449	21.0176	0.0074	14.6815	-2.0129
NE+3.30	C12	202	Psup	0.75	-174.8384	-2.3449	21.0176	0.0074	9.4271	-1.4267
NE+3.30	C12	202	Psup	1	-174.8384	-2.3449	21.0176	0.0074	4.1727	-0.8405
NE+3.30	C12	202	Psup	1.25	-174.8384	-2.3449	21.0176	0.0074	-1.0817	-0.2543
NE+3.30	C12	202	Psup	1.5	-174.8384	-2.3449	21.0176	0.0074	-6.3361	0.332
NE+3.30	C12	202	Psup	1.75	-174.8384	-2.3449	21.0176	0.0074	-11.5905	0.9182
NE+3.30	C12	202	Psup	2	-174.8384	-2.3449	21.0176	0.0074	-16.8449	1.5044
NE+3.30	C12	202	Psup	2.25	-174.8384	-2.3449	21.0176	0.0074	-22.0993	2.0906
NE+3.30	C12	202	Psup	2.5	-174.8384	-2.3449	21.0176	0.0074	-27.3537	2.6768
NE+3.30	C12	202	Psup	2.75	-174.8384	-2.3449	21.0176	0.0074	-32.6081	3.263

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C12	202	Viva.cub	0	-87.8357	-0.3767	0.3929	-0.0036	0.0795	-0.5785
NE+3.30	C12	202	Viva.cub	0.25	-87.8357	-0.3767	0.3929	-0.0036	-0.0187	-0.4843
NE+3.30	C12	202	Viva.cub	0.5	-87.8357	-0.3767	0.3929	-0.0036	-0.117	-0.3901
NE+3.30	C12	202	Viva.cub	0.75	-87.8357	-0.3767	0.3929	-0.0036	-0.2152	-0.2959
NE+3.30	C12	202	Viva.cub	1	-87.8357	-0.3767	0.3929	-0.0036	-0.3134	-0.2018
NE+3.30	C12	202	Viva.cub	1.25	-87.8357	-0.3767	0.3929	-0.0036	-0.4116	-0.1076
NE+3.30	C12	202	Viva.cub	1.5	-87.8357	-0.3767	0.3929	-0.0036	-0.5098	-0.0134
NE+3.30	C12	202	Viva.cub	1.75	-87.8357	-0.3767	0.3929	-0.0036	-0.608	0.0807
NE+3.30	C12	202	Viva.cub	2	-87.8357	-0.3767	0.3929	-0.0036	-0.7062	0.1749
NE+3.30	C12	202	Viva.cub	2.25	-87.8357	-0.3767	0.3929	-0.0036	-0.8045	0.2691
NE+3.30	C12	202	Viva.cub	2.5	-87.8357	-0.3767	0.3929	-0.0036	-0.9027	0.3632
NE+3.30	C12	202	Viva.cub	2.75	-87.8357	-0.3767	0.3929	-0.0036	-1.0009	0.4574
NE+3.30	C12	202	DISX-COMB Max	0	78.4807	206.5713	82.3536	3.3816	152.4737	363.0412
NE+3.30	C12	202	DISX-COMB Max	0.25	78.4807	206.5713	82.3536	3.3816	131.898	311.3985
NE+3.30	C12	202	DISX-COMB Max	0.5	78.4807	206.5713	82.3536	3.3816	111.327	259.7558
NE+3.30	C12	202	DISX-COMB Max	0.75	78.4807	206.5713	82.3536	3.3816	90.7639	208.1131
NE+3.30	C12	202	DISX-COMB Max	1	78.4807	206.5713	82.3536	3.3816	70.2155	156.4706
NE+3.30	C12	202	DISX-COMB Max	1.25	78.4807	206.5713	82.3536	3.3816	49.7004	104.8283
NE+3.30	C12	202	DISX-COMB Max	1.5	78.4807	206.5713	82.3536	3.3816	29.2882	53.1872
NE+3.30	C12	202	DISX-COMB Max	1.75	78.4807	206.5713	82.3536	3.3816	9.6556	1.6566
NE+3.30	C12	202	DISX-COMB Max	2	78.4807	206.5713	82.3536	3.3816	13.2827	50.1057
NE+3.30	C12	202	DISX-COMB Max	2.25	78.4807	206.5713	82.3536	3.3816	33.2775	101.7466
NE+3.30	C12	202	DISX-COMB Max	2.5	78.4807	206.5713	82.3536	3.3816	53.7226	153.3888
NE+3.30	C12	202	DISX-COMB Max	2.75	78.4807	206.5713	82.3536	3.3816	74.247	205.0314
NE+3.30	C12	202	DISY-COMB Max	0	139.2707	26.5818	224.2357	3.9043	410.1003	46.744
NE+3.30	C12	202	DISY-COMB Max	0.25	139.2707	26.5818	224.2357	3.9043	354.0415	40.0986
NE+3.30	C12	202	DISY-COMB Max	0.5	139.2707	26.5818	224.2357	3.9043	297.9828	33.4532
NE+3.30	C12	202	DISY-COMB Max	0.75	139.2707	26.5818	224.2357	3.9043	241.9242	26.8078
NE+3.30	C12	202	DISY-COMB Max	1	139.2707	26.5818	224.2357	3.9043	185.8657	20.1625
NE+3.30	C12	202	DISY-COMB Max	1.25	139.2707	26.5818	224.2357	3.9043	129.8076	13.5174
NE+3.30	C12	202	DISY-COMB Max	1.5	139.2707	26.5818	224.2357	3.9043	73.7507	6.8728
NE+3.30	C12	202	DISY-COMB Max	1.75	139.2707	26.5818	224.2357	3.9043	17.7069	0.2746
NE+3.30	C12	202	DISY-COMB Max	2	139.2707	26.5818	224.2357	3.9043	38.381	6.4218
NE+3.30	C12	202	DISY-COMB Max	2.25	139.2707	26.5818	224.2357	3.9043	94.4345	13.0662
NE+3.30	C12	202	DISY-COMB Max	2.5	139.2707	26.5818	224.2357	3.9043	150.492	19.7114
NE+3.30	C12	202	DISY-COMB Max	2.75	139.2707	26.5818	224.2357	3.9043	206.5503	26.3567
NE+3.30	C12	202	B241	0	-389.6944	-4.7517	37.9767	-0.0006	45.123	-6.4398
NE+3.30	C12	202	B241	0.25	-387.2374	-4.7517	37.9767	-0.0006	35.6289	-5.2518
NE+3.30	C12	202	B241	0.5	-384.7804	-4.7517	37.9767	-0.0006	26.1347	-4.0639
NE+3.30	C12	202	B241	0.75	-382.3234	-4.7517	37.9767	-0.0006	16.6405	-2.876
NE+3.30	C12	202	B241	1	-379.8664	-4.7517	37.9767	-0.0006	7.1463	-1.6881
NE+3.30	C12	202	B241	1.25	-377.4094	-4.7517	37.9767	-0.0006	-2.3479	-0.5001
NE+3.30	C12	202	B241	1.5	-374.9524	-4.7517	37.9767	-0.0006	-11.8421	0.6878
NE+3.30	C12	202	B241	1.75	-372.4954	-4.7517	37.9767	-0.0006	-21.3362	1.8757
NE+3.30	C12	202	B241	2	-370.0384	-4.7517	37.9767	-0.0006	-30.8304	3.0636

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C12	202	B241	2.25	-367.5814	-4.7517	37.9767	-0.0006	-40.3246	4.2516
NE+3.30	C12	202	B241	2.5	-365.1244	-4.7517	37.9767	-0.0006	-49.8188	5.4395
NE+3.30	C12	202	B241	2.75	-362.6674	-4.7517	37.9767	-0.0006	-59.313	6.6274
NE+3.30	C12	202	B242	0	-569.6317	-6.7125	54.6373	-0.082	64.0396	-8.6892
NE+3.30	C12	202	B242	0.25	-567.5257	-6.7125	54.6373	-0.082	50.3803	-7.011
NE+3.30	C12	202	B242	0.5	-565.4197	-6.7125	54.6373	-0.082	36.721	-5.3329
NE+3.30	C12	202	B242	0.75	-563.3137	-6.7125	54.6373	-0.082	23.0617	-3.6548
NE+3.30	C12	202	B242	1	-561.2077	-6.7125	54.6373	-0.082	9.4024	-1.9767
NE+3.30	C12	202	B242	1.25	-559.1017	-6.7125	54.6373	-0.082	-4.2569	-0.2986
NE+3.30	C12	202	B242	1.5	-556.9957	-6.7125	54.6373	-0.082	-17.9163	1.3796
NE+3.30	C12	202	B242	1.75	-554.8897	-6.7125	54.6373	-0.082	-31.5756	3.0577
NE+3.30	C12	202	B242	2	-552.7837	-6.7125	54.6373	-0.082	-45.2349	4.7358
NE+3.30	C12	202	B242	2.25	-550.6777	-6.7125	54.6373	-0.082	-58.8942	6.4139
NE+3.30	C12	202	B242	2.5	-548.5717	-6.7125	54.6373	-0.082	-72.5535	8.092
NE+3.30	C12	202	B242	2.75	-546.4657	-6.7125	54.6373	-0.082	-86.2128	9.7702
NE+3.30	C13	207	Pprop	0	-117.2739	-0.4842	-4.0409	-0.0079	-3.1756	-0.9213
NE+3.30	C13	207	Pprop	0.25	-115.3785	-0.4842	-4.0409	-0.0079	-2.1654	-0.8002
NE+3.30	C13	207	Pprop	0.5	-113.4831	-0.4842	-4.0409	-0.0079	-1.1552	-0.6792
NE+3.30	C13	207	Pprop	0.75	-111.5877	-0.4842	-4.0409	-0.0079	-0.1449	-0.5581
NE+3.30	C13	207	Pprop	1	-109.6923	-0.4842	-4.0409	-0.0079	0.8653	-0.4371
NE+3.30	C13	207	Pprop	1.25	-107.7969	-0.4842	-4.0409	-0.0079	1.8755	-0.3161
NE+3.30	C13	207	Pprop	1.5	-105.9015	-0.4842	-4.0409	-0.0079	2.8858	-0.195
NE+3.30	C13	207	Pprop	1.75	-104.0061	-0.4842	-4.0409	-0.0079	3.896	-0.074
NE+3.30	C13	207	Pprop	2	-102.1107	-0.4842	-4.0409	-0.0079	4.9062	0.0471
NE+3.30	C13	207	Pprop	2.25	-100.2153	-0.4842	-4.0409	-0.0079	5.9165	0.1681
NE+3.30	C13	207	Pprop	2.5	-98.3199	-0.4842	-4.0409	-0.0079	6.9267	0.2891
NE+3.30	C13	207	Pprop	2.75	-96.4245	-0.4842	-4.0409	-0.0079	7.9369	0.4102
NE+3.30	C13	207	Viva	0	-106.2615	-0.6352	-14.5228	-0.0498	-13.4639	-1.057
NE+3.30	C13	207	Viva	0.25	-106.2615	-0.6352	-14.5228	-0.0498	-9.8332	-0.8982
NE+3.30	C13	207	Viva	0.5	-106.2615	-0.6352	-14.5228	-0.0498	-6.2025	-0.7394
NE+3.30	C13	207	Viva	0.75	-106.2615	-0.6352	-14.5228	-0.0498	-2.5718	-0.5806
NE+3.30	C13	207	Viva	1	-106.2615	-0.6352	-14.5228	-0.0498	1.0589	-0.4218
NE+3.30	C13	207	Viva	1.25	-106.2615	-0.6352	-14.5228	-0.0498	4.6896	-0.263
NE+3.30	C13	207	Viva	1.5	-106.2615	-0.6352	-14.5228	-0.0498	8.3203	-0.1042
NE+3.30	C13	207	Viva	1.75	-106.2615	-0.6352	-14.5228	-0.0498	11.951	0.0546
NE+3.30	C13	207	Viva	2	-106.2615	-0.6352	-14.5228	-0.0498	15.5817	0.2134
NE+3.30	C13	207	Viva	2.25	-106.2615	-0.6352	-14.5228	-0.0498	19.2124	0.3722
NE+3.30	C13	207	Viva	2.5	-106.2615	-0.6352	-14.5228	-0.0498	22.8431	0.531
NE+3.30	C13	207	Viva	2.75	-106.2615	-0.6352	-14.5228	-0.0498	26.4738	0.6898
NE+3.30	C13	207	Psup	0	-158.0888	-1.1802	-18.5966	0.0074	-15.9509	-1.9061
NE+3.30	C13	207	Psup	0.25	-158.0888	-1.1802	-18.5966	0.0074	-11.3017	-1.611
NE+3.30	C13	207	Psup	0.5	-158.0888	-1.1802	-18.5966	0.0074	-6.6526	-1.316
NE+3.30	C13	207	Psup	0.75	-158.0888	-1.1802	-18.5966	0.0074	-2.0034	-1.0209
NE+3.30	C13	207	Psup	1	-158.0888	-1.1802	-18.5966	0.0074	2.6458	-0.7259
NE+3.30	C13	207	Psup	1.25	-158.0888	-1.1802	-18.5966	0.0074	7.2949	-0.4308

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C13	207	Psup	1.5	-158.0888	-1.1802	-18.5966	0.0074	11.9441	-0.1358
NE+3.30	C13	207	Psup	1.75	-158.0888	-1.1802	-18.5966	0.0074	16.5932	0.1593
NE+3.30	C13	207	Psup	2	-158.0888	-1.1802	-18.5966	0.0074	21.2424	0.4543
NE+3.30	C13	207	Psup	2.25	-158.0888	-1.1802	-18.5966	0.0074	25.8916	0.7494
NE+3.30	C13	207	Psup	2.5	-158.0888	-1.1802	-18.5966	0.0074	30.5407	1.0444
NE+3.30	C13	207	Psup	2.75	-158.0888	-1.1802	-18.5966	0.0074	35.1899	1.3395
NE+3.30	C13	207	Viva.cub	0	-34.1731	-0.3681	-0.393	-0.0036	-0.7366	-0.5851
NE+3.30	C13	207	Viva.cub	0.25	-34.1731	-0.3681	-0.393	-0.0036	-0.6384	-0.4931
NE+3.30	C13	207	Viva.cub	0.5	-34.1731	-0.3681	-0.393	-0.0036	-0.5402	-0.401
NE+3.30	C13	207	Viva.cub	0.75	-34.1731	-0.3681	-0.393	-0.0036	-0.4419	-0.309
NE+3.30	C13	207	Viva.cub	1	-34.1731	-0.3681	-0.393	-0.0036	-0.3437	-0.217
NE+3.30	C13	207	Viva.cub	1.25	-34.1731	-0.3681	-0.393	-0.0036	-0.2454	-0.125
NE+3.30	C13	207	Viva.cub	1.5	-34.1731	-0.3681	-0.393	-0.0036	-0.1472	-0.0329
NE+3.30	C13	207	Viva.cub	1.75	-34.1731	-0.3681	-0.393	-0.0036	-0.049	0.0591
NE+3.30	C13	207	Viva.cub	2	-34.1731	-0.3681	-0.393	-0.0036	0.0493	0.1511
NE+3.30	C13	207	Viva.cub	2.25	-34.1731	-0.3681	-0.393	-0.0036	0.1475	0.2431
NE+3.30	C13	207	Viva.cub	2.5	-34.1731	-0.3681	-0.393	-0.0036	0.2457	0.3352
NE+3.30	C13	207	Viva.cub	2.75	-34.1731	-0.3681	-0.393	-0.0036	0.344	0.4272
NE+3.30	C13	207	DISX-COMB Max	0	42.1008	178.8632	20.9145	3.3816	81.2292	342.0046
NE+3.30	C13	207	DISX-COMB Max	0.25	42.1008	178.8632	20.9145	3.3816	77.4973	297.4625
NE+3.30	C13	207	DISX-COMB Max	0.5	42.1008	178.8632	20.9145	3.3816	73.9469	252.9818
NE+3.30	C13	207	DISX-COMB Max	0.75	42.1008	178.8632	20.9145	3.3816	70.6055	208.6016
NE+3.30	C13	207	DISX-COMB Max	1	42.1008	178.8632	20.9145	3.3816	67.5042	164.4033
NE+3.30	C13	207	DISX-COMB Max	1.25	42.1008	178.8632	20.9145	3.3816	64.6774	120.5872
NE+3.30	C13	207	DISX-COMB Max	1.5	42.1008	178.8632	20.9145	3.3816	62.1626	77.8017
NE+3.30	C13	207	DISX-COMB Max	1.75	42.1008	178.8632	20.9145	3.3816	59.9992	39.5467
NE+3.30	C13	207	DISX-COMB Max	2	42.1008	178.8632	20.9145	3.3816	58.2261	32.7686
NE+3.30	C13	207	DISX-COMB Max	2.25	42.1008	178.8632	20.9145	3.3816	56.88	67.6951
NE+3.30	C13	207	DISX-COMB Max	2.5	42.1008	178.8632	20.9145	3.3816	55.9917	109.9567
NE+3.30	C13	207	DISX-COMB Max	2.75	42.1008	178.8632	20.9145	3.3816	55.5832	153.6143
NE+3.30	C13	207	DISY-COMB Max	0	30.6485	11.0543	31.8005	3.9043	207.0537	20.2464
NE+3.30	C13	207	DISY-COMB Max	0.25	30.6485	11.0543	31.8005	3.9043	199.7808	17.5216
NE+3.30	C13	207	DISY-COMB Max	0.5	30.6485	11.0543	31.8005	3.9043	192.5615	14.8112
NE+3.30	C13	207	DISY-COMB Max	0.75	30.6485	11.0543	31.8005	3.9043	185.402	12.1248
NE+3.30	C13	207	DISY-COMB Max	1	30.6485	11.0543	31.8005	3.9043	178.3096	9.4828
NE+3.30	C13	207	DISY-COMB Max	1.25	30.6485	11.0543	31.8005	3.9043	171.2924	6.9362
NE+3.30	C13	207	DISY-COMB Max	1.5	30.6485	11.0543	31.8005	3.9043	164.3603	4.6448
NE+3.30	C13	207	DISY-COMB Max	1.75	30.6485	11.0543	31.8005	3.9043	157.5243	3.2112
NE+3.30	C13	207	DISY-COMB Max	2	30.6485	11.0543	31.8005	3.9043	150.7976	3.7848
NE+3.30	C13	207	DISY-COMB Max	2.25	30.6485	11.0543	31.8005	3.9043	144.1955	5.7976
NE+3.30	C13	207	DISY-COMB Max	2.5	30.6485	11.0543	31.8005	3.9043	137.7359	8.2568
NE+3.30	C13	207	DISY-COMB Max	2.75	30.6485	11.0543	31.8005	3.9043	131.4399	10.8633
NE+3.30	C13	207	B241	0	-356.9516	-2.1575	-29.345	-0.0006	-24.7936	-3.665
NE+3.30	C13	207	B241	0.25	-354.4946	-2.1575	-29.345	-0.0006	-17.4574	-3.1257
NE+3.30	C13	207	B241	0.5	-352.0376	-2.1575	-29.345	-0.0006	-10.1211	-2.5863

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C13	207	B241	0.75	-349.5806	-2.1575	-29.345	-0.0006	-2.7849	-2.0469
NE+3.30	C13	207	B241	1	-347.1236	-2.1575	-29.345	-0.0006	4.5514	-1.5075
NE+3.30	C13	207	B241	1.25	-344.6666	-2.1575	-29.345	-0.0006	11.8876	-0.9682
NE+3.30	C13	207	B241	1.5	-342.2096	-2.1575	-29.345	-0.0006	19.2239	-0.4288
NE+3.30	C13	207	B241	1.75	-339.7526	-2.1575	-29.345	-0.0006	26.5601	0.1106
NE+3.30	C13	207	B241	2	-337.2956	-2.1575	-29.345	-0.0006	33.8964	0.65
NE+3.30	C13	207	B241	2.25	-334.8386	-2.1575	-29.345	-0.0006	41.2326	1.1893
NE+3.30	C13	207	B241	2.5	-332.3816	-2.1575	-29.345	-0.0006	48.5688	1.7287
NE+3.30	C13	207	B241	2.75	-329.9246	-2.1575	-29.345	-0.0006	55.9051	2.2681
NE+3.30	C13	207	B242	0	-493.0635	-3.0497	-48.5858	-0.082	-43.1622	-5.1253
NE+3.30	C13	207	B242	0.25	-490.9575	-3.0497	-48.5858	-0.082	-31.0157	-4.3629
NE+3.30	C13	207	B242	0.5	-488.8515	-3.0497	-48.5858	-0.082	-18.8693	-3.6004
NE+3.30	C13	207	B242	0.75	-486.7455	-3.0497	-48.5858	-0.082	-6.7229	-2.838
NE+3.30	C13	207	B242	1	-484.6395	-3.0497	-48.5858	-0.082	5.4236	-2.0756
NE+3.30	C13	207	B242	1.25	-482.5335	-3.0497	-48.5858	-0.082	17.57	-1.3132
NE+3.30	C13	207	B242	1.5	-480.4275	-3.0497	-48.5858	-0.082	29.7165	-0.5508
NE+3.30	C13	207	B242	1.75	-478.3215	-3.0497	-48.5858	-0.082	41.8629	0.2117
NE+3.30	C13	207	B242	2	-476.2155	-3.0497	-48.5858	-0.082	54.0094	0.9741
NE+3.30	C13	207	B242	2.25	-474.1095	-3.0497	-48.5858	-0.082	66.1558	1.7365
NE+3.30	C13	207	B242	2.5	-472.0035	-3.0497	-48.5858	-0.082	78.3022	2.4989
NE+3.30	C13	207	B242	2.75	-469.8975	-3.0497	-48.5858	-0.082	90.4487	3.2613
NE+3.30	C14	212	Pprop	0	-84.2925	-1.6893	-5.2671	-0.0079	-4.5013	-2.1605
NE+3.30	C14	212	Pprop	0.2591	-82.3282	-1.6893	-5.2671	-0.0079	-3.1366	-1.7228
NE+3.30	C14	212	Pprop	0.5182	-80.3639	-1.6893	-5.2671	-0.0079	-1.772	-1.2851
NE+3.30	C14	212	Pprop	0.7773	-78.3996	-1.6893	-5.2671	-0.0079	-0.4074	-0.8475
NE+3.30	C14	212	Pprop	1.0364	-76.4352	-1.6893	-5.2671	-0.0079	0.9573	-0.4098
NE+3.30	C14	212	Pprop	1.2955	-74.4709	-1.6893	-5.2671	-0.0079	2.3219	0.0279
NE+3.30	C14	212	Pprop	1.5545	-72.5066	-1.6893	-5.2671	-0.0079	3.6866	0.4656
NE+3.30	C14	212	Pprop	1.8136	-70.5423	-1.6893	-5.2671	-0.0079	5.0512	0.9033
NE+3.30	C14	212	Pprop	2.0727	-68.5779	-1.6893	-5.2671	-0.0079	6.4159	1.3409
NE+3.30	C14	212	Pprop	2.3318	-66.6136	-1.6893	-5.2671	-0.0079	7.7805	1.7786
NE+3.30	C14	212	Pprop	2.5909	-64.6493	-1.6893	-5.2671	-0.0079	9.1452	2.2163
NE+3.30	C14	212	Pprop	2.85	-62.685	-1.6893	-5.2671	-0.0079	10.5098	2.654
NE+3.30	C14	212	Viva	0	-114.8225	-2.4706	0.6749	-0.0498	1.9895	-2.7004
NE+3.30	C14	212	Viva	0.2591	-114.8225	-2.4706	0.6749	-0.0498	1.8147	-2.0603
NE+3.30	C14	212	Viva	0.5182	-114.8225	-2.4706	0.6749	-0.0498	1.6398	-1.4202
NE+3.30	C14	212	Viva	0.7773	-114.8225	-2.4706	0.6749	-0.0498	1.465	-0.7801
NE+3.30	C14	212	Viva	1.0364	-114.8225	-2.4706	0.6749	-0.0498	1.2901	-0.14
NE+3.30	C14	212	Viva	1.2955	-114.8225	-2.4706	0.6749	-0.0498	1.1153	0.5001
NE+3.30	C14	212	Viva	1.5545	-114.8225	-2.4706	0.6749	-0.0498	0.9404	1.1402
NE+3.30	C14	212	Viva	1.8136	-114.8225	-2.4706	0.6749	-0.0498	0.7655	1.7803
NE+3.30	C14	212	Viva	2.0727	-114.8225	-2.4706	0.6749	-0.0498	0.5907	2.4204
NE+3.30	C14	212	Viva	2.3318	-114.8225	-2.4706	0.6749	-0.0498	0.4158	3.0605
NE+3.30	C14	212	Viva	2.5909	-114.8225	-2.4706	0.6749	-0.0498	0.241	3.7006
NE+3.30	C14	212	Viva	2.85	-114.8225	-2.4706	0.6749	-0.0498	0.0661	4.3407

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C14	212	Psup	0	-129.4699	-3.7625	-1.551	0.0074	1.8011	-4.7186
NE+3.30	C14	212	Psup	0.2591	-129.4699	-3.7625	-1.551	0.0074	2.203	-3.7438
NE+3.30	C14	212	Psup	0.5182	-129.4699	-3.7625	-1.551	0.0074	2.6048	-2.7689
NE+3.30	C14	212	Psup	0.7773	-129.4699	-3.7625	-1.551	0.0074	3.0067	-1.7941
NE+3.30	C14	212	Psup	1.0364	-129.4699	-3.7625	-1.551	0.0074	3.4085	-0.8193
NE+3.30	C14	212	Psup	1.2955	-129.4699	-3.7625	-1.551	0.0074	3.8104	0.1556
NE+3.30	C14	212	Psup	1.5545	-129.4699	-3.7625	-1.551	0.0074	4.2122	1.1304
NE+3.30	C14	212	Psup	1.8136	-129.4699	-3.7625	-1.551	0.0074	4.6141	2.1052
NE+3.30	C14	212	Psup	2.0727	-129.4699	-3.7625	-1.551	0.0074	5.0159	3.0801
NE+3.30	C14	212	Psup	2.3318	-129.4699	-3.7625	-1.551	0.0074	5.4178	4.0549
NE+3.30	C14	212	Psup	2.5909	-129.4699	-3.7625	-1.551	0.0074	5.8197	5.0297
NE+3.30	C14	212	Psup	2.85	-129.4699	-3.7625	-1.551	0.0074	6.2215	6.0046
NE+3.30	C14	212	Viva.cub	0	1.2654	-0.2329	0.164	-0.0036	-0.1823	-0.4169
NE+3.30	C14	212	Viva.cub	0.2591	1.2654	-0.2329	0.164	-0.0036	-0.2248	-0.3565
NE+3.30	C14	212	Viva.cub	0.5182	1.2654	-0.2329	0.164	-0.0036	-0.2673	-0.2962
NE+3.30	C14	212	Viva.cub	0.7773	1.2654	-0.2329	0.164	-0.0036	-0.3098	-0.2359
NE+3.30	C14	212	Viva.cub	1.0364	1.2654	-0.2329	0.164	-0.0036	-0.3522	-0.1755
NE+3.30	C14	212	Viva.cub	1.2955	1.2654	-0.2329	0.164	-0.0036	-0.3947	-0.1152
NE+3.30	C14	212	Viva.cub	1.5545	1.2654	-0.2329	0.164	-0.0036	-0.4372	-0.0549
NE+3.30	C14	212	Viva.cub	1.8136	1.2654	-0.2329	0.164	-0.0036	-0.4797	0.0054
NE+3.30	C14	212	Viva.cub	2.0727	1.2654	-0.2329	0.164	-0.0036	-0.5222	0.0658
NE+3.30	C14	212	Viva.cub	2.3318	1.2654	-0.2329	0.164	-0.0036	-0.5647	0.1261
NE+3.30	C14	212	Viva.cub	2.5909	1.2654	-0.2329	0.164	-0.0036	-0.6071	0.1864
NE+3.30	C14	212	Viva.cub	2.85	1.2654	-0.2329	0.164	-0.0036	-0.6496	0.2468
NE+3.30	C14	212	DISX-COMB Max	0	40.9724	156.6415	33.5005	3.3816	81.8105	305.0361
NE+3.30	C14	212	DISX-COMB Max	0.2591	40.9724	156.6415	33.5005	3.3816	73.1313	264.4519
NE+3.30	C14	212	DISX-COMB Max	0.5182	40.9724	156.6415	33.5005	3.3816	64.4521	223.8676
NE+3.30	C14	212	DISX-COMB Max	0.7773	40.9724	156.6415	33.5005	3.3816	55.7731	183.2835
NE+3.30	C14	212	DISX-COMB Max	1.0364	40.9724	156.6415	33.5005	3.3816	47.0943	142.6994
NE+3.30	C14	212	DISX-COMB Max	1.2955	40.9724	156.6415	33.5005	3.3816	38.416	102.1157
NE+3.30	C14	212	DISX-COMB Max	1.5545	40.9724	156.6415	33.5005	3.3816	29.7385	61.5328
NE+3.30	C14	212	DISX-COMB Max	1.8136	40.9724	156.6415	33.5005	3.3816	21.0626	20.9557
NE+3.30	C14	212	DISX-COMB Max	2.0727	40.9724	156.6415	33.5005	3.3816	12.3922	19.6515
NE+3.30	C14	212	DISX-COMB Max	2.3318	40.9724	156.6415	33.5005	3.3816	3.7648	60.2279
NE+3.30	C14	212	DISX-COMB Max	2.5909	40.9724	156.6415	33.5005	3.3816	5.0451	100.8108
NE+3.30	C14	212	DISX-COMB Max	2.85	40.9724	156.6415	33.5005	3.3816	13.6896	141.3945
NE+3.30	C14	212	DISY-COMB Max	0	128.5585	29.0925	134.7131	3.9043	330.6616	56.9078
NE+3.30	C14	212	DISY-COMB Max	0.2591	128.5585	29.0925	134.7131	3.9043	295.7587	49.373
NE+3.30	C14	212	DISY-COMB Max	0.5182	128.5585	29.0925	134.7131	3.9043	260.8557	41.8393
NE+3.30	C14	212	DISY-COMB Max	0.7773	128.5585	29.0925	134.7131	3.9043	225.9528	34.3072
NE+3.30	C14	212	DISY-COMB Max	1.0364	128.5585	29.0925	134.7131	3.9043	191.0498	26.7783
NE+3.30	C14	212	DISY-COMB Max	1.2955	128.5585	29.0925	134.7131	3.9043	156.1469	19.2561
NE+3.30	C14	212	DISY-COMB Max	1.5545	128.5585	29.0925	134.7131	3.9043	121.2439	11.7536
NE+3.30	C14	212	DISY-COMB Max	1.8136	128.5585	29.0925	134.7131	3.9043	86.341	4.3738
NE+3.30	C14	212	DISY-COMB Max	2.0727	128.5585	29.0925	134.7131	3.9043	51.438	3.7071

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C14	212	DISY-COMB Max	2.3318	128.5585	29.0925	134.7131	3.9043	16.5352	11.0448
NE+3.30	C14	212	DISY-COMB Max	2.5909	128.5585	29.0925	134.7131	3.9043	18.368	18.5435
NE+3.30	C14	212	DISY-COMB Max	2.85	128.5585	29.0925	134.7131	3.9043	53.2709	26.0647
NE+3.30	C14	212	B241	0	-277.0995	-7.0671	-8.8382	-0.0006	-3.5002	-8.9174
NE+3.30	C14	212	B241	0.2591	-274.5531	-7.0671	-8.8382	-0.0006	-1.2103	-7.0863
NE+3.30	C14	212	B241	0.5182	-272.0068	-7.0671	-8.8382	-0.0006	1.0796	-5.2553
NE+3.30	C14	212	B241	0.7773	-269.4604	-7.0671	-8.8382	-0.0006	3.3695	-3.4243
NE+3.30	C14	212	B241	1.0364	-266.9141	-7.0671	-8.8382	-0.0006	5.6594	-1.5932
NE+3.30	C14	212	B241	1.2955	-264.3677	-7.0671	-8.8382	-0.0006	7.9493	0.2378
NE+3.30	C14	212	B241	1.5545	-261.8214	-7.0671	-8.8382	-0.0006	10.2392	2.0688
NE+3.30	C14	212	B241	1.8136	-259.275	-7.0671	-8.8382	-0.0006	12.5291	3.8999
NE+3.30	C14	212	B241	2.0727	-256.7287	-7.0671	-8.8382	-0.0006	14.819	5.7309
NE+3.30	C14	212	B241	2.3318	-254.1823	-7.0671	-8.8382	-0.0006	17.1089	7.5619
NE+3.30	C14	212	B241	2.5909	-251.636	-7.0671	-8.8382	-0.0006	19.3989	9.393
NE+3.30	C14	212	B241	2.85	-249.0897	-7.0671	-8.8382	-0.0006	21.6888	11.224
NE+3.30	C14	212	B242	0	-420.5972	-10.1269	-6.4138	-0.082	0.0919	-12.1725
NE+3.30	C14	212	B242	0.2591	-418.4146	-10.1269	-6.4138	-0.082	1.7537	-9.5487
NE+3.30	C14	212	B242	0.5182	-416.232	-10.1269	-6.4138	-0.082	3.4154	-6.925
NE+3.30	C14	212	B242	0.7773	-414.0495	-10.1269	-6.4138	-0.082	5.0772	-4.3012
NE+3.30	C14	212	B242	1.0364	-411.8669	-10.1269	-6.4138	-0.082	6.739	-1.6774
NE+3.30	C14	212	B242	1.2955	-409.6843	-10.1269	-6.4138	-0.082	8.4007	0.9464
NE+3.30	C14	212	B242	1.5545	-407.5017	-10.1269	-6.4138	-0.082	10.0625	3.5701
NE+3.30	C14	212	B242	1.8136	-405.3191	-10.1269	-6.4138	-0.082	11.7243	6.1939
NE+3.30	C14	212	B242	2.0727	-403.1366	-10.1269	-6.4138	-0.082	13.386	8.8177
NE+3.30	C14	212	B242	2.3318	-400.954	-10.1269	-6.4138	-0.082	15.0478	11.4415
NE+3.30	C14	212	B242	2.5909	-398.7714	-10.1269	-6.4138	-0.082	16.7096	14.0653
NE+3.30	C14	212	B242	2.85	-396.5888	-10.1269	-6.4138	-0.082	18.3713	16.689
NE+3.30	C15	217	Pprop	0	-160.1814	-6.1838	8.5881	-0.0089	9.733	-7.0523
NE+3.30	C15	217	Pprop	0.25	-158.3492	-6.1838	8.5881	-0.0089	7.586	-5.5064
NE+3.30	C15	217	Pprop	0.5	-156.517	-6.1838	8.5881	-0.0089	5.439	-3.9604
NE+3.30	C15	217	Pprop	0.75	-154.6848	-6.1838	8.5881	-0.0089	3.292	-2.4145
NE+3.30	C15	217	Pprop	1	-152.8527	-6.1838	8.5881	-0.0089	1.145	-0.8685
NE+3.30	C15	217	Pprop	1.25	-151.0205	-6.1838	8.5881	-0.0089	-1.002	0.6774
NE+3.30	C15	217	Pprop	1.5	-149.1883	-6.1838	8.5881	-0.0089	-3.1491	2.2233
NE+3.30	C15	217	Pprop	1.75	-147.3561	-6.1838	8.5881	-0.0089	-5.2961	3.7693
NE+3.30	C15	217	Pprop	2	-145.5239	-6.1838	8.5881	-0.0089	-7.4431	5.3152
NE+3.30	C15	217	Pprop	2.25	-143.6918	-6.1838	8.5881	-0.0089	-9.5901	6.8611
NE+3.30	C15	217	Pprop	2.5	-141.8596	-6.1838	8.5881	-0.0089	-11.7371	8.4071
NE+3.30	C15	217	Pprop	2.75	-140.0274	-6.1838	8.5881	-0.0089	-13.8841	9.953
NE+3.30	C15	217	Viva	0	-199.964	-10.6148	16.4882	-0.0561	18.3335	-11.4965
NE+3.30	C15	217	Viva	0.25	-199.964	-10.6148	16.4882	-0.0561	14.2114	-8.8428
NE+3.30	C15	217	Viva	0.5	-199.964	-10.6148	16.4882	-0.0561	10.0894	-6.1891
NE+3.30	C15	217	Viva	0.75	-199.964	-10.6148	16.4882	-0.0561	5.9673	-3.5354
NE+3.30	C15	217	Viva	1	-199.964	-10.6148	16.4882	-0.0561	1.8453	-0.8817
NE+3.30	C15	217	Viva	1.25	-199.964	-10.6148	16.4882	-0.0561	-2.2768	1.772

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C15	217	Viva	1.5	-199.964	-10.6148	16.4882	-0.0561	-6.3988	4.4257
NE+3.30	C15	217	Viva	1.75	-199.964	-10.6148	16.4882	-0.0561	-10.5208	7.0794
NE+3.30	C15	217	Viva	2	-199.964	-10.6148	16.4882	-0.0561	-14.6429	9.7331
NE+3.30	C15	217	Viva	2.25	-199.964	-10.6148	16.4882	-0.0561	-18.7649	12.3868
NE+3.30	C15	217	Viva	2.5	-199.964	-10.6148	16.4882	-0.0561	-22.887	15.0405
NE+3.30	C15	217	Viva	2.75	-199.964	-10.6148	16.4882	-0.0561	-27.009	17.6942
NE+3.30	C15	217	Psup	0	-287.4216	-16.3082	24.7388	0.0084	28.4207	-18.2161
NE+3.30	C15	217	Psup	0.25	-287.4216	-16.3082	24.7388	0.0084	22.236	-14.139
NE+3.30	C15	217	Psup	0.5	-287.4216	-16.3082	24.7388	0.0084	16.0513	-10.062
NE+3.30	C15	217	Psup	0.75	-287.4216	-16.3082	24.7388	0.0084	9.8666	-5.9849
NE+3.30	C15	217	Psup	1	-287.4216	-16.3082	24.7388	0.0084	3.6819	-1.9078
NE+3.30	C15	217	Psup	1.25	-287.4216	-16.3082	24.7388	0.0084	-2.5027	2.1692
NE+3.30	C15	217	Psup	1.5	-287.4216	-16.3082	24.7388	0.0084	-8.6874	6.2463
NE+3.30	C15	217	Psup	1.75	-287.4216	-16.3082	24.7388	0.0084	-14.8721	10.3233
NE+3.30	C15	217	Psup	2	-287.4216	-16.3082	24.7388	0.0084	-21.0568	14.4004
NE+3.30	C15	217	Psup	2.25	-287.4216	-16.3082	24.7388	0.0084	-27.2415	18.4774
NE+3.30	C15	217	Psup	2.5	-287.4216	-16.3082	24.7388	0.0084	-33.4262	22.5545
NE+3.30	C15	217	Psup	2.75	-287.4216	-16.3082	24.7388	0.0084	-39.6109	26.6315
NE+3.30	C15	217	Viva.cub	0	-84.3692	-0.0082	0.4421	-0.0041	0.2525	-0.2345
NE+3.30	C15	217	Viva.cub	0.25	-84.3692	-0.0082	0.4421	-0.0041	0.1419	-0.2325
NE+3.30	C15	217	Viva.cub	0.5	-84.3692	-0.0082	0.4421	-0.0041	0.0314	-0.2304
NE+3.30	C15	217	Viva.cub	0.75	-84.3692	-0.0082	0.4421	-0.0041	-0.0791	-0.2284
NE+3.30	C15	217	Viva.cub	1	-84.3692	-0.0082	0.4421	-0.0041	-0.1897	-0.2263
NE+3.30	C15	217	Viva.cub	1.25	-84.3692	-0.0082	0.4421	-0.0041	-0.3002	-0.2243
NE+3.30	C15	217	Viva.cub	1.5	-84.3692	-0.0082	0.4421	-0.0041	-0.4107	-0.2222
NE+3.30	C15	217	Viva.cub	1.75	-84.3692	-0.0082	0.4421	-0.0041	-0.5213	-0.2202
NE+3.30	C15	217	Viva.cub	2	-84.3692	-0.0082	0.4421	-0.0041	-0.6318	-0.2181
NE+3.30	C15	217	Viva.cub	2.25	-84.3692	-0.0082	0.4421	-0.0041	-0.7423	-0.2161
NE+3.30	C15	217	Viva.cub	2.5	-84.3692	-0.0082	0.4421	-0.0041	-0.8529	-0.2141
NE+3.30	C15	217	Viva.cub	2.75	-84.3692	-0.0082	0.4421	-0.0041	-0.9634	-0.212
NE+3.30	C15	217	DISX-COMB Max	0	43.7383	246.7338	39.9614	3.8085	71.5482	445.3198
NE+3.30	C15	217	DISX-COMB Max	0.25	43.7383	246.7338	39.9614	3.8085	61.5582	383.6365
NE+3.30	C15	217	DISX-COMB Max	0.5	43.7383	246.7338	39.9614	3.8085	51.5683	321.9533
NE+3.30	C15	217	DISX-COMB Max	0.75	43.7383	246.7338	39.9614	3.8085	41.5786	260.2703
NE+3.30	C15	217	DISX-COMB Max	1	43.7383	246.7338	39.9614	3.8085	31.5894	198.5875
NE+3.30	C15	217	DISX-COMB Max	1.25	43.7383	246.7338	39.9614	3.8085	21.6011	136.9052
NE+3.30	C15	217	DISX-COMB Max	1.5	43.7383	246.7338	39.9614	3.8085	11.6165	75.225
NE+3.30	C15	217	DISX-COMB Max	1.75	43.7383	246.7338	39.9614	3.8085	1.7003	13.5739
NE+3.30	C15	217	DISX-COMB Max	2	43.7383	246.7338	39.9614	3.8085	8.3937	48.1601
NE+3.30	C15	217	DISX-COMB Max	2.25	43.7383	246.7338	39.9614	3.8085	18.3747	109.8374
NE+3.30	C15	217	DISX-COMB Max	2.5	43.7383	246.7338	39.9614	3.8085	28.3623	171.5191
NE+3.30	C15	217	DISX-COMB Max	2.75	43.7383	246.7338	39.9614	3.8085	38.3514	233.2017
NE+3.30	C15	217	DISY-COMB Max	0	88.3032	32.5871	160.8332	4.3972	288.9049	58.2227
NE+3.30	C15	217	DISY-COMB Max	0.25	88.3032	32.5871	160.8332	4.3972	248.6966	50.0768
NE+3.30	C15	217	DISY-COMB Max	0.5	88.3032	32.5871	160.8332	4.3972	208.4883	41.9312

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C15	217	DISY-COMB Max	0.75	88.3032	32.5871	160.8332	4.3972	168.28	33.7863
NE+3.30	C15	217	DISY-COMB Max	1	88.3032	32.5871	160.8332	4.3972	128.0718	25.6425
NE+3.30	C15	217	DISY-COMB Max	1.25	88.3032	32.5871	160.8332	4.3972	87.8636	17.5014
NE+3.30	C15	217	DISY-COMB Max	1.5	88.3032	32.5871	160.8332	4.3972	47.6556	9.3703
NE+3.30	C15	217	DISY-COMB Max	1.75	88.3032	32.5871	160.8332	4.3972	7.451	1.4302
NE+3.30	C15	217	DISY-COMB Max	2	88.3032	32.5871	160.8332	4.3972	32.7627	7.002
NE+3.30	C15	217	DISY-COMB Max	2.25	88.3032	32.5871	160.8332	4.3972	72.9705	15.1245
NE+3.30	C15	217	DISY-COMB Max	2.5	88.3032	32.5871	160.8332	4.3972	113.1786	23.264
NE+3.30	C15	217	DISY-COMB Max	2.75	88.3032	32.5871	160.8332	4.3972	153.3868	31.4072
NE+3.30	C15	217	B241	0	-580.226	-29.1563	43.2014	-0.0006	49.4585	-32.7553
NE+3.30	C15	217	B241	0.25	-577.851	-29.1563	43.2014	-0.0006	38.6582	-25.4662
NE+3.30	C15	217	B241	0.5	-575.4759	-29.1563	43.2014	-0.0006	27.8578	-18.1772
NE+3.30	C15	217	B241	0.75	-573.1009	-29.1563	43.2014	-0.0006	17.0575	-10.8881
NE+3.30	C15	217	B241	1	-570.7259	-29.1563	43.2014	-0.0006	6.2571	-3.599
NE+3.30	C15	217	B241	1.25	-568.3508	-29.1563	43.2014	-0.0006	-4.5432	3.69
NE+3.30	C15	217	B241	1.5	-565.9758	-29.1563	43.2014	-0.0006	-15.3436	10.9791
NE+3.30	C15	217	B241	1.75	-563.6007	-29.1563	43.2014	-0.0006	-26.144	18.2682
NE+3.30	C15	217	B241	2	-561.2257	-29.1563	43.2014	-0.0006	-36.9443	25.5572
NE+3.30	C15	217	B241	2.25	-558.8506	-29.1563	43.2014	-0.0006	-47.7447	32.8463
NE+3.30	C15	217	B241	2.5	-556.4756	-29.1563	43.2014	-0.0006	-58.545	40.1353
NE+3.30	C15	217	B241	2.75	-554.1005	-29.1563	43.2014	-0.0006	-69.3454	47.4244
NE+3.30	C15	217	B242	0	-859.4637	-41.9789	63.6319	-0.0923	71.8528	-46.5876
NE+3.30	C15	217	B242	0.25	-857.4279	-41.9789	63.6319	-0.0923	55.9448	-36.0929
NE+3.30	C15	217	B242	0.5	-855.3922	-41.9789	63.6319	-0.0923	40.0368	-25.5981
NE+3.30	C15	217	B242	0.75	-853.3564	-41.9789	63.6319	-0.0923	24.1288	-15.1034
NE+3.30	C15	217	B242	1	-851.3207	-41.9789	63.6319	-0.0923	8.2209	-4.6087
NE+3.30	C15	217	B242	1.25	-849.2849	-41.9789	63.6319	-0.0923	-7.6871	5.886
NE+3.30	C15	217	B242	1.5	-847.2492	-41.9789	63.6319	-0.0923	-23.5951	16.3807
NE+3.30	C15	217	B242	1.75	-845.2134	-41.9789	63.6319	-0.0923	-39.5031	26.8754
NE+3.30	C15	217	B242	2	-843.1777	-41.9789	63.6319	-0.0923	-55.4111	37.3701
NE+3.30	C15	217	B242	2.25	-841.1419	-41.9789	63.6319	-0.0923	-71.3191	47.8649
NE+3.30	C15	217	B242	2.5	-839.1062	-41.9789	63.6319	-0.0923	-87.2271	58.3596
NE+3.30	C15	217	B242	2.75	-837.0704	-41.9789	63.6319	-0.0923	-103.135	68.8543
NE+3.30	C16	222	Pprop	0	-161.8822	-8.9996	-5.5698	-0.0079	-4.8157	-10.0374
NE+3.30	C16	222	Pprop	0.25	-159.9868	-8.9996	-5.5698	-0.0079	-3.4233	-7.7875
NE+3.30	C16	222	Pprop	0.5	-158.0914	-8.9996	-5.5698	-0.0079	-2.0308	-5.5376
NE+3.30	C16	222	Pprop	0.75	-156.196	-8.9996	-5.5698	-0.0079	-0.6384	-3.2877
NE+3.30	C16	222	Pprop	1	-154.3006	-8.9996	-5.5698	-0.0079	0.7541	-1.0378
NE+3.30	C16	222	Pprop	1.25	-152.4052	-8.9996	-5.5698	-0.0079	2.1466	1.2121
NE+3.30	C16	222	Pprop	1.5	-150.5098	-8.9996	-5.5698	-0.0079	3.539	3.462
NE+3.30	C16	222	Pprop	1.75	-148.6144	-8.9996	-5.5698	-0.0079	4.9315	5.7119
NE+3.30	C16	222	Pprop	2	-146.719	-8.9996	-5.5698	-0.0079	6.3239	7.9618
NE+3.30	C16	222	Pprop	2.25	-144.8236	-8.9996	-5.5698	-0.0079	7.7164	10.2117
NE+3.30	C16	222	Pprop	2.5	-142.9282	-8.9996	-5.5698	-0.0079	9.1088	12.4616
NE+3.30	C16	222	Pprop	2.75	-141.0328	-8.9996	-5.5698	-0.0079	10.5013	14.7115

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C16	222	Viva	0	-194.3024	-17.6227	-21.2487	-0.0498	-20.7791	-19.2429
NE+3.30	C16	222	Viva	0.25	-194.3024	-17.6227	-21.2487	-0.0498	-15.4669	-14.8372
NE+3.30	C16	222	Viva	0.5	-194.3024	-17.6227	-21.2487	-0.0498	-10.1548	-10.4316
NE+3.30	C16	222	Viva	0.75	-194.3024	-17.6227	-21.2487	-0.0498	-4.8426	-6.0259
NE+3.30	C16	222	Viva	1	-194.3024	-17.6227	-21.2487	-0.0498	0.4696	-1.6202
NE+3.30	C16	222	Viva	1.25	-194.3024	-17.6227	-21.2487	-0.0498	5.7818	2.7854
NE+3.30	C16	222	Viva	1.5	-194.3024	-17.6227	-21.2487	-0.0498	11.094	7.1911
NE+3.30	C16	222	Viva	1.75	-194.3024	-17.6227	-21.2487	-0.0498	16.4061	11.5968
NE+3.30	C16	222	Viva	2	-194.3024	-17.6227	-21.2487	-0.0498	21.7183	16.0025
NE+3.30	C16	222	Viva	2.25	-194.3024	-17.6227	-21.2487	-0.0498	27.0305	20.4081
NE+3.30	C16	222	Viva	2.5	-194.3024	-17.6227	-21.2487	-0.0498	32.3427	24.8138
NE+3.30	C16	222	Viva	2.75	-194.3024	-17.6227	-21.2487	-0.0498	37.6549	29.2195
NE+3.30	C16	222	Psup	0	-276.9632	-23.0032	-28.586	0.0074	-26.276	-25.2686
NE+3.30	C16	222	Psup	0.25	-276.9632	-23.0032	-28.586	0.0074	-19.1295	-19.5178
NE+3.30	C16	222	Psup	0.5	-276.9632	-23.0032	-28.586	0.0074	-11.983	-13.767
NE+3.30	C16	222	Psup	0.75	-276.9632	-23.0032	-28.586	0.0074	-4.8365	-8.0162
NE+3.30	C16	222	Psup	1	-276.9632	-23.0032	-28.586	0.0074	2.31	-2.2654
NE+3.30	C16	222	Psup	1.25	-276.9632	-23.0032	-28.586	0.0074	9.4566	3.4854
NE+3.30	C16	222	Psup	1.5	-276.9632	-23.0032	-28.586	0.0074	16.6031	9.2362
NE+3.30	C16	222	Psup	1.75	-276.9632	-23.0032	-28.586	0.0074	23.7496	14.987
NE+3.30	C16	222	Psup	2	-276.9632	-23.0032	-28.586	0.0074	30.8961	20.7378
NE+3.30	C16	222	Psup	2.25	-276.9632	-23.0032	-28.586	0.0074	38.0426	26.4887
NE+3.30	C16	222	Psup	2.5	-276.9632	-23.0032	-28.586	0.0074	45.1891	32.2395
NE+3.30	C16	222	Psup	2.75	-276.9632	-23.0032	-28.586	0.0074	52.3356	37.9903
NE+3.30	C16	222	Viva.cub	0	-33.698	-0.2231	-0.4686	-0.0036	-0.8392	-0.4299
NE+3.30	C16	222	Viva.cub	0.25	-33.698	-0.2231	-0.4686	-0.0036	-0.7221	-0.3741
NE+3.30	C16	222	Viva.cub	0.5	-33.698	-0.2231	-0.4686	-0.0036	-0.6049	-0.3183
NE+3.30	C16	222	Viva.cub	0.75	-33.698	-0.2231	-0.4686	-0.0036	-0.4878	-0.2625
NE+3.30	C16	222	Viva.cub	1	-33.698	-0.2231	-0.4686	-0.0036	-0.3707	-0.2068
NE+3.30	C16	222	Viva.cub	1.25	-33.698	-0.2231	-0.4686	-0.0036	-0.2535	-0.151
NE+3.30	C16	222	Viva.cub	1.5	-33.698	-0.2231	-0.4686	-0.0036	-0.1364	-0.0952
NE+3.30	C16	222	Viva.cub	1.75	-33.698	-0.2231	-0.4686	-0.0036	-0.0192	-0.0394
NE+3.30	C16	222	Viva.cub	2	-33.698	-0.2231	-0.4686	-0.0036	0.0979	0.0163
NE+3.30	C16	222	Viva.cub	2.25	-33.698	-0.2231	-0.4686	-0.0036	0.2151	0.0721
NE+3.30	C16	222	Viva.cub	2.5	-33.698	-0.2231	-0.4686	-0.0036	0.3322	0.1279
NE+3.30	C16	222	Viva.cub	2.75	-33.698	-0.2231	-0.4686	-0.0036	0.4493	0.1837
NE+3.30	C16	222	DISX-COMB Max	0	54.4871	142.4052	17.7656	3.3816	52.4659	301.3722
NE+3.30	C16	222	DISX-COMB Max	0.25	54.4871	142.4052	17.7656	3.3816	50.597	266.1758
NE+3.30	C16	222	DISX-COMB Max	0.5	54.4871	142.4052	17.7656	3.3816	49.0601	231.1035
NE+3.30	C16	222	DISX-COMB Max	0.75	54.4871	142.4052	17.7656	3.3816	47.8873	196.2218
NE+3.30	C16	222	DISX-COMB Max	1	54.4871	142.4052	17.7656	3.3816	47.1056	161.6541
NE+3.30	C16	222	DISX-COMB Max	1.25	54.4871	142.4052	17.7656	3.3816	46.7347	127.6559
NE+3.30	C16	222	DISX-COMB Max	1.5	54.4871	142.4052	17.7656	3.3816	46.7845	94.8415
NE+3.30	C16	222	DISX-COMB Max	1.75	54.4871	142.4052	17.7656	3.3816	47.2534	65.0284
NE+3.30	C16	222	DISX-COMB Max	2	54.4871	142.4052	17.7656	3.3816	48.1294	44.6922

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C16	222	DISX-COMB Max	2.25	54.4871	142.4052	17.7656	3.3816	49.3908	47.9687
NE+3.30	C16	222	DISX-COMB Max	2.5	54.4871	142.4052	17.7656	3.3816	51.0089	71.6904
NE+3.30	C16	222	DISX-COMB Max	2.75	54.4871	142.4052	17.7656	3.3816	52.9511	102.5326
NE+3.30	C16	222	DISY-COMB Max	0	41.9262	8.9065	30.127	3.9043	215.9241	17.745
NE+3.30	C16	222	DISY-COMB Max	0.25	41.9262	8.9065	30.127	3.9043	209.7151	15.5873
NE+3.30	C16	222	DISY-COMB Max	0.5	41.9262	8.9065	30.127	3.9043	203.5953	13.4519
NE+3.30	C16	222	DISY-COMB Max	0.75	41.9262	8.9065	30.127	3.9043	197.5732	11.3517
NE+3.30	C16	222	DISY-COMB Max	1	41.9262	8.9065	30.127	3.9043	191.6578	9.3105
NE+3.30	C16	222	DISY-COMB Max	1.25	41.9262	8.9065	30.127	3.9043	185.8594	7.3773
NE+3.30	C16	222	DISY-COMB Max	1.5	41.9262	8.9065	30.127	3.9043	180.1893	5.6638
NE+3.30	C16	222	DISY-COMB Max	1.75	41.9262	8.9065	30.127	3.9043	174.6599	4.4327
NE+3.30	C16	222	DISY-COMB Max	2	41.9262	8.9065	30.127	3.9043	169.2852	4.1395
NE+3.30	C16	222	DISY-COMB Max	2.25	41.9262	8.9065	30.127	3.9043	164.0801	4.9535
NE+3.30	C16	222	DISY-COMB Max	2.5	41.9262	8.9065	30.127	3.9043	159.0615	6.4695
NE+3.30	C16	222	DISY-COMB Max	2.75	41.9262	8.9065	30.127	3.9043	154.2476	8.3119
NE+3.30	C16	222	B241	0	-568.8736	-41.4851	-44.2761	-0.0006	-40.3041	-45.7671
NE+3.30	C16	222	B241	0.25	-566.4166	-41.4851	-44.2761	-0.0006	-29.2351	-35.3958
NE+3.30	C16	222	B241	0.5	-563.9596	-41.4851	-44.2761	-0.0006	-18.166	-25.0245
NE+3.30	C16	222	B241	0.75	-561.5026	-41.4851	-44.2761	-0.0006	-7.097	-14.6532
NE+3.30	C16	222	B241	1	-559.0456	-41.4851	-44.2761	-0.0006	3.972	-4.2819
NE+3.30	C16	222	B241	1.25	-556.5886	-41.4851	-44.2761	-0.0006	15.0411	6.0894
NE+3.30	C16	222	B241	1.5	-554.1316	-41.4851	-44.2761	-0.0006	26.1101	16.4606
NE+3.30	C16	222	B241	1.75	-551.6746	-41.4851	-44.2761	-0.0006	37.1791	26.8319
NE+3.30	C16	222	B241	2	-549.2176	-41.4851	-44.2761	-0.0006	48.2482	37.2032
NE+3.30	C16	222	B241	2.25	-546.7606	-41.4851	-44.2761	-0.0006	59.3172	47.5745
NE+3.30	C16	222	B241	2.5	-544.3036	-41.4851	-44.2761	-0.0006	70.3862	57.9458
NE+3.30	C16	222	B241	2.75	-541.8466	-41.4851	-44.2761	-0.0006	81.4553	68.3171
NE+3.30	C16	222	B242	0	-815.3388	-63.8665	-72.1832	-0.082	-68.2126	-70.2325
NE+3.30	C16	222	B242	0.25	-813.2328	-63.8665	-72.1832	-0.082	-50.1668	-54.2658
NE+3.30	C16	222	B242	0.5	-811.1268	-63.8665	-72.1832	-0.082	-32.121	-38.2992
NE+3.30	C16	222	B242	0.75	-809.0208	-63.8665	-72.1832	-0.082	-14.0752	-22.3326
NE+3.30	C16	222	B242	1	-806.9148	-63.8665	-72.1832	-0.082	3.9706	-6.366
NE+3.30	C16	222	B242	1.25	-804.8088	-63.8665	-72.1832	-0.082	22.0164	9.6007
NE+3.30	C16	222	B242	1.5	-802.7028	-63.8665	-72.1832	-0.082	40.0622	25.5673
NE+3.30	C16	222	B242	1.75	-800.5968	-63.8665	-72.1832	-0.082	58.108	41.5339
NE+3.30	C16	222	B242	2	-798.4908	-63.8665	-72.1832	-0.082	76.1538	57.5006
NE+3.30	C16	222	B242	2.25	-796.3848	-63.8665	-72.1832	-0.082	94.1996	73.4672
NE+3.30	C16	222	B242	2.5	-794.2788	-63.8665	-72.1832	-0.082	112.2454	89.4338
NE+3.30	C16	222	B242	2.75	-792.1728	-63.8665	-72.1832	-0.082	130.2912	105.4004
NE+3.30	C23	227	Pprop	0	-101.673	-0.4397	-5.9589	-0.0079	-5.311	-0.8227
NE+3.30	C23	227	Pprop	0.2591	-99.7087	-0.4397	-5.9589	-0.0079	-3.7671	-0.7088
NE+3.30	C23	227	Pprop	0.5182	-97.7444	-0.4397	-5.9589	-0.0079	-2.2233	-0.5949
NE+3.30	C23	227	Pprop	0.7773	-95.78	-0.4397	-5.9589	-0.0079	-0.6794	-0.481
NE+3.30	C23	227	Pprop	1.0364	-93.8157	-0.4397	-5.9589	-0.0079	0.8645	-0.3671
NE+3.30	C23	227	Pprop	1.2955	-91.8514	-0.4397	-5.9589	-0.0079	2.4084	-0.2532

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C23	227	Pprop	1.5545	-89.8871	-0.4397	-5.9589	-0.0079	3.9523	-0.1392
NE+3.30	C23	227	Pprop	1.8136	-87.9228	-0.4397	-5.9589	-0.0079	5.4962	-0.0253
NE+3.30	C23	227	Pprop	2.0727	-85.9584	-0.4397	-5.9589	-0.0079	7.0401	0.0886
NE+3.30	C23	227	Pprop	2.3318	-83.9941	-0.4397	-5.9589	-0.0079	8.584	0.2025
NE+3.30	C23	227	Pprop	2.5909	-82.0298	-0.4397	-5.9589	-0.0079	10.1279	0.3164
NE+3.30	C23	227	Pprop	2.85	-80.0655	-0.4397	-5.9589	-0.0079	11.6718	0.4303
NE+3.30	C23	227	Viva	0	-149.9119	0.0684	0.9162	-0.0498	1.6639	0.0176
NE+3.30	C23	227	Viva	0.2591	-149.9119	0.0684	0.9162	-0.0498	1.4265	-0.0001
NE+3.30	C23	227	Viva	0.5182	-149.9119	0.0684	0.9162	-0.0498	1.1891	-0.0178
NE+3.30	C23	227	Viva	0.7773	-149.9119	0.0684	0.9162	-0.0498	0.9517	-0.0355
NE+3.30	C23	227	Viva	1.0364	-149.9119	0.0684	0.9162	-0.0498	0.7143	-0.0532
NE+3.30	C23	227	Viva	1.2955	-149.9119	0.0684	0.9162	-0.0498	0.477	-0.0709
NE+3.30	C23	227	Viva	1.5545	-149.9119	0.0684	0.9162	-0.0498	0.2396	-0.0886
NE+3.30	C23	227	Viva	1.8136	-149.9119	0.0684	0.9162	-0.0498	0.0022	-0.1064
NE+3.30	C23	227	Viva	2.0727	-149.9119	0.0684	0.9162	-0.0498	-0.2352	-0.1241
NE+3.30	C23	227	Viva	2.3318	-149.9119	0.0684	0.9162	-0.0498	-0.4725	-0.1418
NE+3.30	C23	227	Viva	2.5909	-149.9119	0.0684	0.9162	-0.0498	-0.7099	-0.1595
NE+3.30	C23	227	Viva	2.85	-149.9119	0.0684	0.9162	-0.0498	-0.9473	-0.1772
NE+3.30	C23	227	Psup	0	-169.2312	-0.8546	-1.2413	0.0074	2.2089	-1.6055
NE+3.30	C23	227	Psup	0.2591	-169.2312	-0.8546	-1.2413	0.0074	2.5305	-1.3841
NE+3.30	C23	227	Psup	0.5182	-169.2312	-0.8546	-1.2413	0.0074	2.8521	-1.1627
NE+3.30	C23	227	Psup	0.7773	-169.2312	-0.8546	-1.2413	0.0074	3.1737	-0.9413
NE+3.30	C23	227	Psup	1.0364	-169.2312	-0.8546	-1.2413	0.0074	3.4954	-0.7199
NE+3.30	C23	227	Psup	1.2955	-169.2312	-0.8546	-1.2413	0.0074	3.817	-0.4985
NE+3.30	C23	227	Psup	1.5545	-169.2312	-0.8546	-1.2413	0.0074	4.1386	-0.277
NE+3.30	C23	227	Psup	1.8136	-169.2312	-0.8546	-1.2413	0.0074	4.4602	-0.0556
NE+3.30	C23	227	Psup	2.0727	-169.2312	-0.8546	-1.2413	0.0074	4.7818	0.1658
NE+3.30	C23	227	Psup	2.3318	-169.2312	-0.8546	-1.2413	0.0074	5.1034	0.3872
NE+3.30	C23	227	Psup	2.5909	-169.2312	-0.8546	-1.2413	0.0074	5.425	0.6086
NE+3.30	C23	227	Psup	2.85	-169.2312	-0.8546	-1.2413	0.0074	5.7466	0.83
NE+3.30	C23	227	Viva.cub	0	-0.6802	-0.2057	0.1684	-0.0036	-0.2197	-0.3878
NE+3.30	C23	227	Viva.cub	0.2591	-0.6802	-0.2057	0.1684	-0.0036	-0.2633	-0.3345
NE+3.30	C23	227	Viva.cub	0.5182	-0.6802	-0.2057	0.1684	-0.0036	-0.307	-0.2812
NE+3.30	C23	227	Viva.cub	0.7773	-0.6802	-0.2057	0.1684	-0.0036	-0.3506	-0.2279
NE+3.30	C23	227	Viva.cub	1.0364	-0.6802	-0.2057	0.1684	-0.0036	-0.3942	-0.1746
NE+3.30	C23	227	Viva.cub	1.2955	-0.6802	-0.2057	0.1684	-0.0036	-0.4379	-0.1213
NE+3.30	C23	227	Viva.cub	1.5545	-0.6802	-0.2057	0.1684	-0.0036	-0.4815	-0.068
NE+3.30	C23	227	Viva.cub	1.8136	-0.6802	-0.2057	0.1684	-0.0036	-0.5251	-0.0148
NE+3.30	C23	227	Viva.cub	2.0727	-0.6802	-0.2057	0.1684	-0.0036	-0.5688	0.0385
NE+3.30	C23	227	Viva.cub	2.3318	-0.6802	-0.2057	0.1684	-0.0036	-0.6124	0.0918
NE+3.30	C23	227	Viva.cub	2.5909	-0.6802	-0.2057	0.1684	-0.0036	-0.656	0.1451
NE+3.30	C23	227	Viva.cub	2.85	-0.6802	-0.2057	0.1684	-0.0036	-0.6996	0.1984
NE+3.30	C23	227	DISX-COMB Max	0	23.9209	158.5371	17.6659	3.3816	43.4824	307.0657
NE+3.30	C23	227	DISX-COMB Max	0.2591	23.9209	158.5371	17.6659	3.3816	38.9054	265.9903
NE+3.30	C23	227	DISX-COMB Max	0.5182	23.9209	158.5371	17.6659	3.3816	34.3284	224.9149

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C23	227	DISX-COMB Max	0.7773	23.9209	158.5371	17.6659	3.3816	29.7514	183.8395
NE+3.30	C23	227	DISX-COMB Max	1.0364	23.9209	158.5371	17.6659	3.3816	25.1744	142.7643
NE+3.30	C23	227	DISX-COMB Max	1.2955	23.9209	158.5371	17.6659	3.3816	20.5975	101.6892
NE+3.30	C23	227	DISX-COMB Max	1.5545	23.9209	158.5371	17.6659	3.3816	16.0206	60.6148
NE+3.30	C23	227	DISX-COMB Max	1.8136	23.9209	158.5371	17.6659	3.3816	11.444	19.5452
NE+3.30	C23	227	DISX-COMB Max	2.0727	23.9209	158.5371	17.6659	3.3816	6.8679	21.5469
NE+3.30	C23	227	DISX-COMB Max	2.3318	23.9209	158.5371	17.6659	3.3816	2.296	62.6173
NE+3.30	C23	227	DISX-COMB Max	2.5909	23.9209	158.5371	17.6659	3.3816	2.2964	103.6917
NE+3.30	C23	227	DISX-COMB Max	2.85	23.9209	158.5371	17.6659	3.3816	6.8684	144.7668
NE+3.30	C23	227	DISY-COMB Max	0	186.3664	30.0977	154.6285	3.9043	380.3505	58.0061
NE+3.30	C23	227	DISY-COMB Max	0.2591	186.3664	30.0977	154.6285	3.9043	340.2877	50.208
NE+3.30	C23	227	DISY-COMB Max	0.5182	186.3664	30.0977	154.6285	3.9043	300.2248	42.41
NE+3.30	C23	227	DISY-COMB Max	0.7773	186.3664	30.0977	154.6285	3.9043	260.162	34.6121
NE+3.30	C23	227	DISY-COMB Max	1.0364	186.3664	30.0977	154.6285	3.9043	220.0992	26.8141
NE+3.30	C23	227	DISY-COMB Max	1.2955	186.3664	30.0977	154.6285	3.9043	180.0363	19.0162
NE+3.30	C23	227	DISY-COMB Max	1.5545	186.3664	30.0977	154.6285	3.9043	139.9735	11.2186
NE+3.30	C23	227	DISY-COMB Max	1.8136	186.3664	30.0977	154.6285	3.9043	99.9107	3.4228
NE+3.30	C23	227	DISY-COMB Max	2.0727	186.3664	30.0977	154.6285	3.9043	59.8478	4.3809
NE+3.30	C23	227	DISY-COMB Max	2.3318	186.3664	30.0977	154.6285	3.9043	19.785	12.1774
NE+3.30	C23	227	DISY-COMB Max	2.5909	186.3664	30.0977	154.6285	3.9043	20.2778	19.9751
NE+3.30	C23	227	DISY-COMB Max	2.85	186.3664	30.0977	154.6285	3.9043	60.3407	27.7729
NE+3.30	C23	227	B241	0	-351.1721	-1.6777	-9.3335	-0.0006	-4.0213	-3.1477
NE+3.30	C23	227	B241	0.2591	-348.6257	-1.6777	-9.3335	-0.0006	-1.603	-2.713
NE+3.30	C23	227	B241	0.5182	-346.0794	-1.6777	-9.3335	-0.0006	0.8152	-2.2784
NE+3.30	C23	227	B241	0.7773	-343.533	-1.6777	-9.3335	-0.0006	3.2335	-1.8437
NE+3.30	C23	227	B241	1.0364	-340.9867	-1.6777	-9.3335	-0.0006	5.6517	-1.409
NE+3.30	C23	227	B241	1.2955	-338.4404	-1.6777	-9.3335	-0.0006	8.0699	-0.9743
NE+3.30	C23	227	B241	1.5545	-335.894	-1.6777	-9.3335	-0.0006	10.4882	-0.5396
NE+3.30	C23	227	B241	1.8136	-333.3477	-1.6777	-9.3335	-0.0006	12.9064	-0.105
NE+3.30	C23	227	B241	2.0727	-330.8013	-1.6777	-9.3335	-0.0006	15.3246	0.3297
NE+3.30	C23	227	B241	2.3318	-328.255	-1.6777	-9.3335	-0.0006	17.7429	0.7644
NE+3.30	C23	227	B241	2.5909	-325.7086	-1.6777	-9.3335	-0.0006	20.1611	1.1991
NE+3.30	C23	227	B241	2.85	-323.1623	-1.6777	-9.3335	-0.0006	22.5794	1.6337
NE+3.30	C23	227	B242	0	-541.2038	-1.4315	-6.4501	-0.082	-0.8945	-2.8637
NE+3.30	C23	227	B242	0.2591	-539.0212	-1.4315	-6.4501	-0.082	0.7767	-2.4929
NE+3.30	C23	227	B242	0.5182	-536.8386	-1.4315	-6.4501	-0.082	2.4478	-2.122
NE+3.30	C23	227	B242	0.7773	-534.6561	-1.4315	-6.4501	-0.082	4.119	-1.7511
NE+3.30	C23	227	B242	1.0364	-532.4735	-1.4315	-6.4501	-0.082	5.7901	-1.3802
NE+3.30	C23	227	B242	1.2955	-530.2909	-1.4315	-6.4501	-0.082	7.4613	-1.0093
NE+3.30	C23	227	B242	1.5545	-528.1083	-1.4315	-6.4501	-0.082	9.1325	-0.6384
NE+3.30	C23	227	B242	1.8136	-525.9257	-1.4315	-6.4501	-0.082	10.8036	-0.2675
NE+3.30	C23	227	B242	2.0727	-523.7431	-1.4315	-6.4501	-0.082	12.4748	0.1034
NE+3.30	C23	227	B242	2.3318	-521.5606	-1.4315	-6.4501	-0.082	14.1459	0.4743
NE+3.30	C23	227	B242	2.5909	-519.378	-1.4315	-6.4501	-0.082	15.8171	0.8452
NE+3.30	C23	227	B242	2.85	-517.1954	-1.4315	-6.4501	-0.082	17.4882	1.216

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C24	232	Pprop	0	-189.1519	-1.5562	11.1997	-0.0079	12.5089	-2.0345
NE+3.30	C24	232	Pprop	0.25	-187.2565	-1.5562	11.1997	-0.0079	9.709	-1.6455
NE+3.30	C24	232	Pprop	0.5	-185.3611	-1.5562	11.1997	-0.0079	6.9091	-1.2565
NE+3.30	C24	232	Pprop	0.75	-183.4657	-1.5562	11.1997	-0.0079	4.1091	-0.8674
NE+3.30	C24	232	Pprop	1	-181.5703	-1.5562	11.1997	-0.0079	1.3092	-0.4784
NE+3.30	C24	232	Pprop	1.25	-179.6749	-1.5562	11.1997	-0.0079	-1.4907	-0.0893
NE+3.30	C24	232	Pprop	1.5	-177.7795	-1.5562	11.1997	-0.0079	-4.2906	0.2997
NE+3.30	C24	232	Pprop	1.75	-175.8841	-1.5562	11.1997	-0.0079	-7.0905	0.6888
NE+3.30	C24	232	Pprop	2	-173.9887	-1.5562	11.1997	-0.0079	-9.8905	1.0778
NE+3.30	C24	232	Pprop	2.25	-172.0933	-1.5562	11.1997	-0.0079	-12.6904	1.4669
NE+3.30	C24	232	Pprop	2.5	-170.1979	-1.5562	11.1997	-0.0079	-15.4903	1.8559
NE+3.30	C24	232	Pprop	2.75	-168.3025	-1.5562	11.1997	-0.0079	-18.2902	2.245
NE+3.30	C24	232	Viva	0	-242.232	2.2093	19.2437	-0.0498	20.6978	2.2052
NE+3.30	C24	232	Viva	0.25	-242.232	2.2093	19.2437	-0.0498	15.8869	1.6529
NE+3.30	C24	232	Viva	0.5	-242.232	2.2093	19.2437	-0.0498	11.076	1.1005
NE+3.30	C24	232	Viva	0.75	-242.232	2.2093	19.2437	-0.0498	6.265	0.5482
NE+3.30	C24	232	Viva	1	-242.232	2.2093	19.2437	-0.0498	1.4541	-0.0041
NE+3.30	C24	232	Viva	1.25	-242.232	2.2093	19.2437	-0.0498	-3.3568	-0.5564
NE+3.30	C24	232	Viva	1.5	-242.232	2.2093	19.2437	-0.0498	-8.1678	-1.1088
NE+3.30	C24	232	Viva	1.75	-242.232	2.2093	19.2437	-0.0498	-12.9787	-1.6611
NE+3.30	C24	232	Viva	2	-242.232	2.2093	19.2437	-0.0498	-17.7896	-2.2134
NE+3.30	C24	232	Viva	2.25	-242.232	2.2093	19.2437	-0.0498	-22.6006	-2.7657
NE+3.30	C24	232	Viva	2.5	-242.232	2.2093	19.2437	-0.0498	-27.4115	-3.3181
NE+3.30	C24	232	Viva	2.75	-242.232	2.2093	19.2437	-0.0498	-32.2224	-3.8704
NE+3.30	C24	232	Psup	0	-440.6862	-2.3805	40.1986	0.0074	45.2461	-3.2235
NE+3.30	C24	232	Psup	0.25	-440.6862	-2.3805	40.1986	0.0074	35.1965	-2.6283
NE+3.30	C24	232	Psup	0.5	-440.6862	-2.3805	40.1986	0.0074	25.1468	-2.0332
NE+3.30	C24	232	Psup	0.75	-440.6862	-2.3805	40.1986	0.0074	15.0972	-1.4381
NE+3.30	C24	232	Psup	1	-440.6862	-2.3805	40.1986	0.0074	5.0475	-0.843
NE+3.30	C24	232	Psup	1.25	-440.6862	-2.3805	40.1986	0.0074	-5.0021	-0.2479
NE+3.30	C24	232	Psup	1.5	-440.6862	-2.3805	40.1986	0.0074	-15.0518	0.3473
NE+3.30	C24	232	Psup	1.75	-440.6862	-2.3805	40.1986	0.0074	-25.1014	0.9424
NE+3.30	C24	232	Psup	2	-440.6862	-2.3805	40.1986	0.0074	-35.1511	1.5375
NE+3.30	C24	232	Psup	2.25	-440.6862	-2.3805	40.1986	0.0074	-45.2007	2.1326
NE+3.30	C24	232	Psup	2.5	-440.6862	-2.3805	40.1986	0.0074	-55.2504	2.7277
NE+3.30	C24	232	Psup	2.75	-440.6862	-2.3805	40.1986	0.0074	-65.3	3.3228
NE+3.30	C24	232	Viva.cub	0	-85.7529	-0.2487	0.5686	-0.0036	0.1959	-0.4415
NE+3.30	C24	232	Viva.cub	0.25	-85.7529	-0.2487	0.5686	-0.0036	0.0538	-0.3793
NE+3.30	C24	232	Viva.cub	0.5	-85.7529	-0.2487	0.5686	-0.0036	-0.0884	-0.3171
NE+3.30	C24	232	Viva.cub	0.75	-85.7529	-0.2487	0.5686	-0.0036	-0.2305	-0.2549
NE+3.30	C24	232	Viva.cub	1	-85.7529	-0.2487	0.5686	-0.0036	-0.3727	-0.1927
NE+3.30	C24	232	Viva.cub	1.25	-85.7529	-0.2487	0.5686	-0.0036	-0.5148	-0.1306
NE+3.30	C24	232	Viva.cub	1.5	-85.7529	-0.2487	0.5686	-0.0036	-0.657	-0.0684
NE+3.30	C24	232	Viva.cub	1.75	-85.7529	-0.2487	0.5686	-0.0036	-0.7991	-0.0062
NE+3.30	C24	232	Viva.cub	2	-85.7529	-0.2487	0.5686	-0.0036	-0.9413	0.056

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C24	232	Viva.cub	2.25	-85.7529	-0.2487	0.5686	-0.0036	-1.0835	0.1182
NE+3.30	C24	232	Viva.cub	2.5	-85.7529	-0.2487	0.5686	-0.0036	-1.2256	0.1804
NE+3.30	C24	232	Viva.cub	2.75	-85.7529	-0.2487	0.5686	-0.0036	-1.3678	0.2425
NE+3.30	C24	232	DISX-COMB Max	0	16.598	197.6698	30.8677	3.3816	57.1927	353.512
NE+3.30	C24	232	DISX-COMB Max	0.25	16.598	197.6698	30.8677	3.3816	49.4759	304.0946
NE+3.30	C24	232	DISX-COMB Max	0.5	16.598	197.6698	30.8677	3.3816	41.7591	254.6772
NE+3.30	C24	232	DISX-COMB Max	0.75	16.598	197.6698	30.8677	3.3816	34.0423	205.2599
NE+3.30	C24	232	DISX-COMB Max	1	16.598	197.6698	30.8677	3.3816	26.3256	155.8426
NE+3.30	C24	232	DISX-COMB Max	1.25	16.598	197.6698	30.8677	3.3816	18.6091	106.4255
NE+3.30	C24	232	DISX-COMB Max	1.5	16.598	197.6698	30.8677	3.3816	10.8933	57.0091
NE+3.30	C24	232	DISX-COMB Max	1.75	16.598	197.6698	30.8677	3.3816	3.1831	7.6051
NE+3.30	C24	232	DISX-COMB Max	2	16.598	197.6698	30.8677	3.3816	4.5499	41.8308
NE+3.30	C24	232	DISX-COMB Max	2.25	16.598	197.6698	30.8677	3.3816	12.2627	91.2467
NE+3.30	C24	232	DISX-COMB Max	2.5	16.598	197.6698	30.8677	3.3816	19.9787	140.6637
NE+3.30	C24	232	DISX-COMB Max	2.75	16.598	197.6698	30.8677	3.3816	27.6952	190.0809
NE+3.30	C24	232	DISY-COMB Max	0	144.1229	25.7758	270.0417	3.9043	500.2124	45.8806
NE+3.30	C24	232	DISY-COMB Max	0.25	144.1229	25.7758	270.0417	3.9043	432.7019	39.4368
NE+3.30	C24	232	DISY-COMB Max	0.5	144.1229	25.7758	270.0417	3.9043	365.1915	32.993
NE+3.30	C24	232	DISY-COMB Max	0.75	144.1229	25.7758	270.0417	3.9043	297.6811	26.5492
NE+3.30	C24	232	DISY-COMB Max	1	144.1229	25.7758	270.0417	3.9043	230.1707	20.1056
NE+3.30	C24	232	DISY-COMB Max	1.25	144.1229	25.7758	270.0417	3.9043	162.6603	13.6623
NE+3.30	C24	232	DISY-COMB Max	1.5	144.1229	25.7758	270.0417	3.9043	95.1499	7.22
NE+3.30	C24	232	DISY-COMB Max	1.75	144.1229	25.7758	270.0417	3.9043	27.6397	0.8053
NE+3.30	C24	232	DISY-COMB Max	2	144.1229	25.7758	270.0417	3.9043	39.8713	5.676
NE+3.30	C24	232	DISY-COMB Max	2.25	144.1229	25.7758	270.0417	3.9043	107.3816	12.1175
NE+3.30	C24	232	DISY-COMB Max	2.5	144.1229	25.7758	270.0417	3.9043	174.892	18.5607
NE+3.30	C24	232	DISY-COMB Max	2.75	144.1229	25.7758	270.0417	3.9043	242.4024	25.0043
NE+3.30	C24	232	B241	0	-816.4569	-5.1031	66.6274	-0.0006	74.8677	-6.8159
NE+3.30	C24	232	B241	0.25	-813.9999	-5.1031	66.6274	-0.0006	58.2108	-5.5402
NE+3.30	C24	232	B241	0.5	-811.5429	-5.1031	66.6274	-0.0006	41.554	-4.2644
NE+3.30	C24	232	B241	0.75	-809.0859	-5.1031	66.6274	-0.0006	24.8971	-2.9886
NE+3.30	C24	232	B241	1	-806.6289	-5.1031	66.6274	-0.0006	8.2402	-1.7129
NE+3.30	C24	232	B241	1.25	-804.1719	-5.1031	66.6274	-0.0006	-8.4166	-0.4371
NE+3.30	C24	232	B241	1.5	-801.7149	-5.1031	66.6274	-0.0006	-25.0735	0.8387
NE+3.30	C24	232	B241	1.75	-799.2579	-5.1031	66.6274	-0.0006	-41.7303	2.1145
NE+3.30	C24	232	B241	2	-796.8009	-5.1031	66.6274	-0.0006	-58.3872	3.3902
NE+3.30	C24	232	B241	2.25	-794.3439	-5.1031	66.6274	-0.0006	-75.044	4.666
NE+3.30	C24	232	B241	2.5	-791.8869	-5.1031	66.6274	-0.0006	-91.7009	5.9418
NE+3.30	C24	232	B241	2.75	-789.4299	-5.1031	66.6274	-0.0006	-108.3578	7.2176
NE+3.30	C24	232	B242	0	-1130.2679	-0.9636	88.1835	-0.082	97.3868	-2.5347
NE+3.30	C24	232	B242	0.25	-1128.1619	-0.9636	88.1835	-0.082	75.3409	-2.2938
NE+3.30	C24	232	B242	0.5	-1126.0559	-0.9636	88.1835	-0.082	53.295	-2.0529
NE+3.30	C24	232	B242	0.75	-1123.9499	-0.9636	88.1835	-0.082	31.2492	-1.812
NE+3.30	C24	232	B242	1	-1121.8439	-0.9636	88.1835	-0.082	9.2033	-1.5711
NE+3.30	C24	232	B242	1.25	-1119.7379	-0.9636	88.1835	-0.082	-12.8426	-1.3302

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C24	232	B242	1.5	-1117.6319	-0.9636	88.1835	-0.082	-34.8885	-1.0893
NE+3.30	C24	232	B242	1.75	-1115.5259	-0.9636	88.1835	-0.082	-56.9344	-0.8485
NE+3.30	C24	232	B242	2	-1113.4199	-0.9636	88.1835	-0.082	-78.9802	-0.6076
NE+3.30	C24	232	B242	2.25	-1111.3139	-0.9636	88.1835	-0.082	-101.0261	-0.3667
NE+3.30	C24	232	B242	2.5	-1109.2079	-0.9636	88.1835	-0.082	-123.072	-0.1258
NE+3.30	C24	232	B242	2.75	-1107.1019	-0.9636	88.1835	-0.082	-145.1179	0.1151
NE+3.30	C25	237	Pprop	0	-194.4206	-2.8092	-9.4737	-0.0079	-8.9614	-3.4103
NE+3.30	C25	237	Pprop	0.25	-192.5252	-2.8092	-9.4737	-0.0079	-6.5929	-2.708
NE+3.30	C25	237	Pprop	0.5	-190.6298	-2.8092	-9.4737	-0.0079	-4.2245	-2.0057
NE+3.30	C25	237	Pprop	0.75	-188.7344	-2.8092	-9.4737	-0.0079	-1.8561	-1.3034
NE+3.30	C25	237	Pprop	1	-186.839	-2.8092	-9.4737	-0.0079	0.5124	-0.6011
NE+3.30	C25	237	Pprop	1.25	-184.9436	-2.8092	-9.4737	-0.0079	2.8808	0.1012
NE+3.30	C25	237	Pprop	1.5	-183.0482	-2.8092	-9.4737	-0.0079	5.2492	0.8035
NE+3.30	C25	237	Pprop	1.75	-181.1528	-2.8092	-9.4737	-0.0079	7.6177	1.5058
NE+3.30	C25	237	Pprop	2	-179.2574	-2.8092	-9.4737	-0.0079	9.9861	2.2081
NE+3.30	C25	237	Pprop	2.25	-177.362	-2.8092	-9.4737	-0.0079	12.3545	2.9104
NE+3.30	C25	237	Pprop	2.5	-175.4666	-2.8092	-9.4737	-0.0079	14.723	3.6127
NE+3.30	C25	237	Pprop	2.75	-173.5712	-2.8092	-9.4737	-0.0079	17.0914	4.315
NE+3.30	C25	237	Viva	0	-233.2668	5.232	-24.8764	-0.0498	-25.1229	5.2241
NE+3.30	C25	237	Viva	0.25	-233.2668	5.232	-24.8764	-0.0498	-18.9038	3.9161
NE+3.30	C25	237	Viva	0.5	-233.2668	5.232	-24.8764	-0.0498	-12.6847	2.6081
NE+3.30	C25	237	Viva	0.75	-233.2668	5.232	-24.8764	-0.0498	-6.4656	1.3001
NE+3.30	C25	237	Viva	1	-233.2668	5.232	-24.8764	-0.0498	-0.2465	-0.0079
NE+3.30	C25	237	Viva	1.25	-233.2668	5.232	-24.8764	-0.0498	5.9726	-1.3159
NE+3.30	C25	237	Viva	1.5	-233.2668	5.232	-24.8764	-0.0498	12.1917	-2.6239
NE+3.30	C25	237	Viva	1.75	-233.2668	5.232	-24.8764	-0.0498	18.4108	-3.932
NE+3.30	C25	237	Viva	2	-233.2668	5.232	-24.8764	-0.0498	24.6299	-5.24
NE+3.30	C25	237	Viva	2.25	-233.2668	5.232	-24.8764	-0.0498	30.849	-6.548
NE+3.30	C25	237	Viva	2.5	-233.2668	5.232	-24.8764	-0.0498	37.0681	-7.856
NE+3.30	C25	237	Viva	2.75	-233.2668	5.232	-24.8764	-0.0498	43.2871	-9.164
NE+3.30	C25	237	Psup	0	-368.4333	-2.5496	-47.7487	0.0074	-46.0911	-3.372
NE+3.30	C25	237	Psup	0.25	-368.4333	-2.5496	-47.7487	0.0074	-34.1539	-2.7346
NE+3.30	C25	237	Psup	0.5	-368.4333	-2.5496	-47.7487	0.0074	-22.2168	-2.0972
NE+3.30	C25	237	Psup	0.75	-368.4333	-2.5496	-47.7487	0.0074	-10.2796	-1.4599
NE+3.30	C25	237	Psup	1	-368.4333	-2.5496	-47.7487	0.0074	1.6576	-0.8225
NE+3.30	C25	237	Psup	1.25	-368.4333	-2.5496	-47.7487	0.0074	13.5947	-0.1851
NE+3.30	C25	237	Psup	1.5	-368.4333	-2.5496	-47.7487	0.0074	25.5319	0.4523
NE+3.30	C25	237	Psup	1.75	-368.4333	-2.5496	-47.7487	0.0074	37.4691	1.0897
NE+3.30	C25	237	Psup	2	-368.4333	-2.5496	-47.7487	0.0074	49.4062	1.7271
NE+3.30	C25	237	Psup	2.25	-368.4333	-2.5496	-47.7487	0.0074	61.3434	2.3645
NE+3.30	C25	237	Psup	2.5	-368.4333	-2.5496	-47.7487	0.0074	73.2806	3.0019
NE+3.30	C25	237	Psup	2.75	-368.4333	-2.5496	-47.7487	0.0074	85.2177	3.6393
NE+3.30	C25	237	Viva.cub	0	-32.8288	-0.2165	-0.4908	-0.0036	-0.9043	-0.4228
NE+3.30	C25	237	Viva.cub	0.25	-32.8288	-0.2165	-0.4908	-0.0036	-0.7816	-0.3687
NE+3.30	C25	237	Viva.cub	0.5	-32.8288	-0.2165	-0.4908	-0.0036	-0.6589	-0.3146

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C25	237	Viva.cub	0.75	-32.8288	-0.2165	-0.4908	-0.0036	-0.5362	-0.2604
NE+3.30	C25	237	Viva.cub	1	-32.8288	-0.2165	-0.4908	-0.0036	-0.4135	-0.2063
NE+3.30	C25	237	Viva.cub	1.25	-32.8288	-0.2165	-0.4908	-0.0036	-0.2908	-0.1522
NE+3.30	C25	237	Viva.cub	1.5	-32.8288	-0.2165	-0.4908	-0.0036	-0.1681	-0.098
NE+3.30	C25	237	Viva.cub	1.75	-32.8288	-0.2165	-0.4908	-0.0036	-0.0454	-0.0439
NE+3.30	C25	237	Viva.cub	2	-32.8288	-0.2165	-0.4908	-0.0036	0.0773	0.0102
NE+3.30	C25	237	Viva.cub	2.25	-32.8288	-0.2165	-0.4908	-0.0036	0.2	0.0644
NE+3.30	C25	237	Viva.cub	2.5	-32.8288	-0.2165	-0.4908	-0.0036	0.3227	0.1185
NE+3.30	C25	237	Viva.cub	2.75	-32.8288	-0.2165	-0.4908	-0.0036	0.4454	0.1726
NE+3.30	C25	237	DISX-COMB Max	0	6.3157	117.4923	7.5692	3.3816	28.7686	269.7829
NE+3.30	C25	237	DISX-COMB Max	0.25	6.3157	117.4923	7.5692	3.3816	27.7344	241.5549
NE+3.30	C25	237	DISX-COMB Max	0.5	6.3157	117.4923	7.5692	3.3816	26.7942	213.6358
NE+3.30	C25	237	DISX-COMB Max	0.75	6.3157	117.4923	7.5692	3.3816	25.958	186.1647
NE+3.30	C25	237	DISX-COMB Max	1	6.3157	117.4923	7.5692	3.3816	25.2363	159.3734
NE+3.30	C25	237	DISX-COMB Max	1.25	6.3157	117.4923	7.5692	3.3816	24.6391	133.6714
NE+3.30	C25	237	DISX-COMB Max	1.5	6.3157	117.4923	7.5692	3.3816	24.1756	109.826
NE+3.30	C25	237	DISX-COMB Max	1.75	6.3157	117.4923	7.5692	3.3816	23.8537	89.3365
NE+3.30	C25	237	DISX-COMB Max	2	6.3157	117.4923	7.5692	3.3816	23.679	75.0055
NE+3.30	C25	237	DISX-COMB Max	2.25	6.3157	117.4923	7.5692	3.3816	23.655	70.6838
NE+3.30	C25	237	DISX-COMB Max	2.5	6.3157	117.4923	7.5692	3.3816	23.7819	78.0521
NE+3.30	C25	237	DISX-COMB Max	2.75	6.3157	117.4923	7.5692	3.3816	24.0575	94.4119
NE+3.30	C25	237	DISY-COMB Max	0	49.8185	10.2677	39.3893	3.9043	259.7625	17.7795
NE+3.30	C25	237	DISY-COMB Max	0.25	49.8185	10.2677	39.3893	3.9043	250.1066	15.445
NE+3.30	C25	237	DISY-COMB Max	0.5	49.8185	10.2677	39.3893	3.9043	240.4664	13.197
NE+3.30	C25	237	DISY-COMB Max	0.75	49.8185	10.2677	39.3893	3.9043	230.8435	11.0885
NE+3.30	C25	237	DISY-COMB Max	1	49.8185	10.2677	39.3893	3.9043	221.2405	9.2155
NE+3.30	C25	237	DISY-COMB Max	1.25	49.8185	10.2677	39.3893	3.9043	211.6599	7.7507
NE+3.30	C25	237	DISY-COMB Max	1.5	49.8185	10.2677	39.3893	3.9043	202.1049	6.957
NE+3.30	C25	237	DISY-COMB Max	1.75	49.8185	10.2677	39.3893	3.9043	192.5794	7.0643
NE+3.30	C25	237	DISY-COMB Max	2	49.8185	10.2677	39.3893	3.9043	183.088	8.0367
NE+3.30	C25	237	DISY-COMB Max	2.25	49.8185	10.2677	39.3893	3.9043	173.6362	9.615
NE+3.30	C25	237	DISY-COMB Max	2.5	49.8185	10.2677	39.3893	3.9043	164.2309	11.5537
NE+3.30	C25	237	DISY-COMB Max	2.75	49.8185	10.2677	39.3893	3.9043	154.8805	13.7006
NE+3.30	C25	237	B241	0	-729.6254	-6.9466	-74.1772	-0.0006	-71.3643	-8.792
NE+3.30	C25	237	B241	0.25	-727.1684	-6.9466	-74.1772	-0.0006	-52.82	-7.0553
NE+3.30	C25	237	B241	0.5	-724.7114	-6.9466	-74.1772	-0.0006	-34.2757	-5.3187
NE+3.30	C25	237	B241	0.75	-722.2544	-6.9466	-74.1772	-0.0006	-15.7314	-3.582
NE+3.30	C25	237	B241	1	-719.7974	-6.9466	-74.1772	-0.0006	2.8129	-1.8454
NE+3.30	C25	237	B241	1.25	-717.3404	-6.9466	-74.1772	-0.0006	21.3572	-0.1088
NE+3.30	C25	237	B241	1.5	-714.8834	-6.9466	-74.1772	-0.0006	39.9015	1.6279
NE+3.30	C25	237	B241	1.75	-712.4264	-6.9466	-74.1772	-0.0006	58.4458	3.3645
NE+3.30	C25	237	B241	2	-709.9694	-6.9466	-74.1772	-0.0006	76.9901	5.1012
NE+3.30	C25	237	B241	2.25	-707.5124	-6.9466	-74.1772	-0.0006	95.5344	6.8378
NE+3.30	C25	237	B241	2.5	-705.0554	-6.9466	-74.1772	-0.0006	114.0786	8.5745
NE+3.30	C25	237	B241	2.75	-702.5984	-6.9466	-74.1772	-0.0006	132.6229	10.3111

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C25	237	B242	0	-1015.0346	2.3088	-103.6281	-0.082	-101.8182	0.6112
NE+3.30	C25	237	B242	0.25	-1012.9286	2.3088	-103.6281	-0.082	-75.9112	0.034
NE+3.30	C25	237	B242	0.5	-1010.8226	2.3088	-103.6281	-0.082	-50.0042	-0.5432
NE+3.30	C25	237	B242	0.75	-1008.7166	2.3088	-103.6281	-0.082	-24.0972	-1.1204
NE+3.30	C25	237	B242	1	-1006.6106	2.3088	-103.6281	-0.082	1.8098	-1.6976
NE+3.30	C25	237	B242	1.25	-1004.5046	2.3088	-103.6281	-0.082	27.7168	-2.2748
NE+3.30	C25	237	B242	1.5	-1002.3986	2.3088	-103.6281	-0.082	53.6239	-2.852
NE+3.30	C25	237	B242	1.75	-1000.2926	2.3088	-103.6281	-0.082	79.5309	-3.4292
NE+3.30	C25	237	B242	2	-998.1866	2.3088	-103.6281	-0.082	105.4379	-4.0064
NE+3.30	C25	237	B242	2.25	-996.0806	2.3088	-103.6281	-0.082	131.3449	-4.5836
NE+3.30	C25	237	B242	2.5	-993.9746	2.3088	-103.6281	-0.082	157.2519	-5.1608
NE+3.30	C25	237	B242	2.75	-991.8686	2.3088	-103.6281	-0.082	183.159	-5.738

Table 5.3 - Beam Forces

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B2	34	Pprop	0.225	-0.9435	-5.3866	0.2027	0.0822	0.191	-2.8203
NE+4.35	B2	34	Pprop	0.6318	-0.9435	-4.4375	0.2027	0.0822	0.1086	-0.822
NE+4.35	B2	34	Pprop	1.0386	-0.9435	-3.4885	0.2027	0.0822	0.0261	0.7902
NE+4.35	B2	34	Pprop	1.4455	-0.9435	-2.5395	0.2027	0.0822	-0.0564	2.0164
NE+4.35	B2	34	Pprop	1.8523	-0.9435	-1.5905	0.2027	0.0822	-0.1388	2.8565
NE+4.35	B2	34	Pprop	2.2591	-0.9435	-0.6414	0.2027	0.0822	-0.2213	3.3104
NE+4.35	B2	34	Pprop	2.5	-0.9435	-0.0795	0.2027	0.0822	-0.2701	3.3973
NE+4.35	B2	34	Pprop	2.5	6.9227	1.5123	-0.1562	-0.1924	-0.1956	3.4822
NE+4.35	B2	34	Pprop	2.6659	6.9227	1.8993	-0.1562	-0.1924	-0.1697	3.1992
NE+4.35	B2	34	Pprop	3.0727	6.9227	2.8484	-0.1562	-0.1924	-0.1061	2.2334
NE+4.35	B2	34	Pprop	3.4795	6.9227	3.7974	-0.1562	-0.1924	-0.0426	0.8816
NE+4.35	B2	34	Pprop	3.8864	6.9227	4.7464	-0.1562	-0.1924	0.021	-0.8563
NE+4.35	B2	34	Pprop	4.2932	6.9227	5.6954	-0.1562	-0.1924	0.0845	-2.9802
NE+4.35	B2	34	Pprop	4.7	6.9227	6.6445	-0.1562	-0.1924	0.1481	-5.4903
NE+4.35	B2	34	Viva	0.225	-0.9746	-6.8592	0.4667	-0.7263	0.4317	-5.3048
NE+4.35	B2	34	Viva	0.6318	-0.9746	-6.8592	0.4667	-0.7263	0.2418	-2.5143
NE+4.35	B2	34	Viva	1.0386	-0.9746	-6.8592	0.4667	-0.7263	0.0519	0.2761
NE+4.35	B2	34	Viva	1.4455	-0.9746	-6.8592	0.4667	-0.7263	-0.138	3.0665
NE+4.35	B2	34	Viva	1.8523	-0.9746	-6.8592	0.4667	-0.7263	-0.3278	5.857
NE+4.35	B2	34	Viva	2.2591	-0.9746	-6.8592	0.4667	-0.7263	-0.5177	8.6474
NE+4.35	B2	34	Viva	2.5	-0.9746	-6.8592	0.4667	-0.7263	-0.6302	10.2999
NE+4.35	B2	34	Viva	2.5	14.8347	9.9064	-0.3821	0.4407	-0.4637	10.4716
NE+4.35	B2	34	Viva	2.6659	14.8347	9.9064	-0.3821	0.4407	-0.4003	8.828
NE+4.35	B2	34	Viva	3.0727	14.8347	9.9064	-0.3821	0.4407	-0.2449	4.7979
NE+4.35	B2	34	Viva	3.4795	14.8347	9.9064	-0.3821	0.4407	-0.0894	0.7678
NE+4.35	B2	34	Viva	3.8864	14.8347	9.9064	-0.3821	0.4407	0.066	-3.2622
NE+4.35	B2	34	Viva	4.2932	14.8347	9.9064	-0.3821	0.4407	0.2215	-7.2923
NE+4.35	B2	34	Viva	4.7	14.8347	9.9064	-0.3821	0.4407	0.3769	-11.3224
NE+4.35	B2	34	Psup	0.225	3.7994	-6.7764	0.4401	-0.6552	0.4443	-5.6138

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B2	34	Psup	0.6318	3.7994	-6.7764	0.4401	-0.6552	0.2652	-2.857
NE+4.35	B2	34	Psup	1.0386	3.7994	-6.7764	0.4401	-0.6552	0.0862	-0.1003
NE+4.35	B2	34	Psup	1.4455	3.7994	-6.7764	0.4401	-0.6552	-0.0929	2.6565
NE+4.35	B2	34	Psup	1.8523	3.7994	-6.7764	0.4401	-0.6552	-0.2719	5.4133
NE+4.35	B2	34	Psup	2.2591	3.7994	-6.7764	0.4401	-0.6552	-0.451	8.17
NE+4.35	B2	34	Psup	2.5	3.7994	-6.7764	0.4401	-0.6552	-0.557	9.8025
NE+4.35	B2	34	Psup	2.5	21.4636	9.4714	-0.2997	0.3532	-0.3861	9.972
NE+4.35	B2	34	Psup	2.6659	21.4636	9.4714	-0.2997	0.3532	-0.3364	8.4006
NE+4.35	B2	34	Psup	3.0727	21.4636	9.4714	-0.2997	0.3532	-0.2144	4.5474
NE+4.35	B2	34	Psup	3.4795	21.4636	9.4714	-0.2997	0.3532	-0.0925	0.6943
NE+4.35	B2	34	Psup	3.8864	21.4636	9.4714	-0.2997	0.3532	0.0295	-3.1589
NE+4.35	B2	34	Psup	4.2932	21.4636	9.4714	-0.2997	0.3532	0.1514	-7.012
NE+4.35	B2	34	Psup	4.7	21.4636	9.4714	-0.2997	0.3532	0.2734	-10.8652
NE+4.35	B2	34	Viva.cub	0.225	9.3693	-0.6247	-0.0005	-0.0304	0.0534	-2.0085
NE+4.35	B2	34	Viva.cub	0.6318	9.3693	-0.6247	-0.0005	-0.0304	0.0536	-1.7544
NE+4.35	B2	34	Viva.cub	1.0386	9.3693	-0.6247	-0.0005	-0.0304	0.0538	-1.5003
NE+4.35	B2	34	Viva.cub	1.4455	9.3693	-0.6247	-0.0005	-0.0304	0.054	-1.2462
NE+4.35	B2	34	Viva.cub	1.8523	9.3693	-0.6247	-0.0005	-0.0304	0.0541	-0.992
NE+4.35	B2	34	Viva.cub	2.2591	9.3693	-0.6247	-0.0005	-0.0304	0.0543	-0.7379
NE+4.35	B2	34	Viva.cub	2.5	9.3693	-0.6247	-0.0005	-0.0304	0.0545	-0.5874
NE+4.35	B2	34	Viva.cub	2.5	6.3626	-0.5644	0.0245	0.055	0.0242	-0.6447
NE+4.35	B2	34	Viva.cub	2.6659	6.3626	-0.5644	0.0245	0.055	0.0202	-0.5511
NE+4.35	B2	34	Viva.cub	3.0727	6.3626	-0.5644	0.0245	0.055	0.0102	-0.3215
NE+4.35	B2	34	Viva.cub	3.4795	6.3626	-0.5644	0.0245	0.055	0.0003	-0.0919
NE+4.35	B2	34	Viva.cub	3.8864	6.3626	-0.5644	0.0245	0.055	-0.0097	0.1377
NE+4.35	B2	34	Viva.cub	4.2932	6.3626	-0.5644	0.0245	0.055	-0.0196	0.3673
NE+4.35	B2	34	Viva.cub	4.7	6.3626	-0.5644	0.0245	0.055	-0.0296	0.5969
NE+4.35	B2	34	DISX-COMB Max	0.225	93.8346	9.4773	0.2434	0.4256	1.5313	23.9476
NE+4.35	B2	34	DISX-COMB Max	0.6318	93.8346	9.4773	0.2434	0.4256	1.6245	20.1116
NE+4.35	B2	34	DISX-COMB Max	1.0386	93.8346	9.4773	0.2434	0.4256	1.7183	16.2849
NE+4.35	B2	34	DISX-COMB Max	1.4455	93.8346	9.4773	0.2434	0.4256	1.8127	12.4759
NE+4.35	B2	34	DISX-COMB Max	1.8523	93.8346	9.4773	0.2434	0.4256	1.9076	8.708
NE+4.35	B2	34	DISX-COMB Max	2.2591	93.8346	9.4773	0.2434	0.4256	2.0028	5.0736
NE+4.35	B2	34	DISX-COMB Max	2.5	93.8346	9.4773	0.2434	0.4256	2.0594	3.1773
NE+4.35	B2	34	DISX-COMB Max	2.5	18.0855	9.6902	0.2053	0.4586	1.8998	3.7585
NE+4.35	B2	34	DISX-COMB Max	2.6659	18.0855	9.6902	0.2053	0.4586	1.872	2.3626
NE+4.35	B2	34	DISX-COMB Max	3.0727	18.0855	9.6902	0.2053	0.4586	1.8047	2.5513
NE+4.35	B2	34	DISX-COMB Max	3.4795	18.0855	9.6902	0.2053	0.4586	1.7389	6.2062
NE+4.35	B2	34	DISX-COMB Max	3.8864	18.0855	9.6902	0.2053	0.4586	1.6746	10.08
NE+4.35	B2	34	DISX-COMB Max	4.2932	18.0855	9.6902	0.2053	0.4586	1.6121	13.992
NE+4.35	B2	34	DISX-COMB Max	4.7	18.0855	9.6902	0.2053	0.4586	1.5516	17.9172
NE+4.35	B2	34	DISY-COMB Max	0.225	22.7868	3.9655	0.063	1.0496	0.2643	4.177
NE+4.35	B2	34	DISY-COMB Max	0.6318	22.7868	3.9655	0.063	1.0496	0.2776	3.1822
NE+4.35	B2	34	DISY-COMB Max	1.0386	22.7868	3.9655	0.063	1.0496	0.2926	2.8303
NE+4.35	B2	34	DISY-COMB Max	1.4455	22.7868	3.9655	0.063	1.0496	0.3089	3.3316

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B2	34	DISY-COMB Max	1.8523	22.7868	3.9655	0.063	1.0496	0.3265	4.4038
NE+4.35	B2	34	DISY-COMB Max	2.2591	22.7868	3.9655	0.063	1.0496	0.345	5.7352
NE+4.35	B2	34	DISY-COMB Max	2.5	22.7868	3.9655	0.063	1.0496	0.3564	6.5834
NE+4.35	B2	34	DISY-COMB Max	2.5	12.3613	6.4111	0.0576	0.7567	0.3428	6.657
NE+4.35	B2	34	DISY-COMB Max	2.6659	12.3613	6.4111	0.0576	0.7567	0.3479	5.6114
NE+4.35	B2	34	DISY-COMB Max	3.0727	12.3613	6.4111	0.0576	0.7567	0.3611	3.1005
NE+4.35	B2	34	DISY-COMB Max	3.4795	12.3613	6.4111	0.0576	0.7567	0.3754	1.1586
NE+4.35	B2	34	DISY-COMB Max	3.8864	12.3613	6.4111	0.0576	0.7567	0.3905	2.584
NE+4.35	B2	34	DISY-COMB Max	4.2932	12.3613	6.4111	0.0576	0.7567	0.4064	5.0613
NE+4.35	B2	34	DISY-COMB Max	4.7	12.3613	6.4111	0.0576	0.7567	0.4231	7.6263
NE+4.35	B2	34	B241	0.225	3.7021	-15.7668	0.8333	-0.7428	0.8235	-10.9331
NE+4.35	B2	34	B241	0.6318	3.7021	-14.5366	0.8333	-0.7428	0.4845	-4.7691
NE+4.35	B2	34	B241	1.0386	3.7021	-13.3064	0.8333	-0.7428	0.1455	0.8944
NE+4.35	B2	34	B241	1.4455	3.7021	-12.0762	0.8333	-0.7428	-0.1935	6.0574
NE+4.35	B2	34	B241	1.8523	3.7021	-10.8459	0.8333	-0.7428	-0.5325	10.72
NE+4.35	B2	34	B241	2.2591	3.7021	-9.6157	0.8333	-0.7428	-0.8715	14.8821
NE+4.35	B2	34	B241	2.5	3.7021	-8.8872	0.8333	-0.7428	-1.0722	17.1109
NE+4.35	B2	34	B241	2.5	36.797	14.2382	-0.5911	0.2084	-0.754	17.4406
NE+4.35	B2	34	B241	2.6659	36.797	14.7399	-0.5911	0.2084	-0.6559	15.0367
NE+4.35	B2	34	B241	3.0727	36.797	15.9701	-0.5911	0.2084	-0.4155	8.79
NE+4.35	B2	34	B241	3.4795	36.797	17.2003	-0.5911	0.2084	-0.175	2.0428
NE+4.35	B2	34	B241	3.8864	36.797	18.4305	-0.5911	0.2084	0.0654	-5.2048
NE+4.35	B2	34	B241	4.2932	36.797	19.6608	-0.5911	0.2084	0.3059	-12.9529
NE+4.35	B2	34	B241	4.7	36.797	20.891	-0.5911	0.2084	0.5463	-21.2015
NE+4.35	B2	34	B242	0.225	6.2985	-24.8014	1.4608	-1.814	1.4232	-18.8631
NE+4.35	B2	34	B242	0.6318	6.2985	-23.747	1.4608	-1.814	0.829	-8.9879
NE+4.35	B2	34	B242	1.0386	6.2985	-22.6925	1.4608	-1.814	0.2347	0.4583
NE+4.35	B2	34	B242	1.4455	6.2985	-21.638	1.4608	-1.814	-0.3596	9.4755
NE+4.35	B2	34	B242	1.8523	6.2985	-20.5835	1.4608	-1.814	-0.9539	18.0637
NE+4.35	B2	34	B242	2.2591	6.2985	-19.5291	1.4608	-1.814	-1.5482	26.223
NE+4.35	B2	34	B242	2.5	6.2985	-18.9046	1.4608	-1.814	-1.9001	30.8525
NE+4.35	B2	34	B242	2.5	58.4571	27.7721	-1.1058	0.9113	-1.3761	31.3812
NE+4.35	B2	34	B242	2.6659	58.4571	28.2022	-1.1058	0.9113	-1.1926	26.7379
NE+4.35	B2	34	B242	3.0727	58.4571	29.2567	-1.1058	0.9113	-0.7428	15.0502
NE+4.35	B2	34	B242	3.4795	58.4571	30.3111	-1.1058	0.9113	-0.293	2.9336
NE+4.35	B2	34	B242	3.8864	58.4571	31.3656	-1.1058	0.9113	0.1569	-9.612
NE+4.35	B2	34	B242	4.2932	58.4571	32.4201	-1.1058	0.9113	0.6067	-22.5866
NE+4.35	B2	34	B242	4.7	58.4571	33.4745	-1.1058	0.9113	1.0566	-35.9902
NE+4.35	B3	35	Pprop	0.3	-7.8987	-9.6321	0.2987	0.7268	0.5766	-11.4912
NE+4.35	B3	35	Pprop	1.0459	-7.8987	-7.892	0.2987	0.7268	0.3538	-4.9555
NE+4.35	B3	35	Pprop	1.7918	-7.8987	-6.1519	0.2987	0.7268	0.131	0.2823
NE+4.35	B3	35	Pprop	2.5377	-7.8987	-4.4119	0.2987	0.7268	-0.0918	4.2221
NE+4.35	B3	35	Pprop	2.91	-7.8987	-3.5435	0.2987	0.7268	-0.203	5.7029
NE+4.35	B3	35	Pprop	2.91	-19.5038	-3.2977	0.0112	-0.0204	-0.4263	5.1727
NE+4.35	B3	35	Pprop	3.2836	-19.5038	-2.4261	0.0112	-0.0204	-0.4304	6.242

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B3	35	Pprop	4.0295	-19.5038	-0.686	0.0112	-0.0204	-0.4388	7.4026
NE+4.35	B3	35	Pprop	4.7755	-19.5038	1.054	0.0112	-0.0204	-0.4471	7.2654
NE+4.35	B3	35	Pprop	5.5214	-19.5038	2.7941	0.0112	-0.0204	-0.4554	5.8302
NE+4.35	B3	35	Pprop	5.82	-19.5038	3.4907	0.0112	-0.0204	-0.4587	4.8918
NE+4.35	B3	35	Pprop	5.82	1.6579	3.8332	-0.2433	-0.6996	-0.1301	5.4956
NE+4.35	B3	35	Pprop	6.2673	1.6579	4.8766	-0.2433	-0.6996	-0.0212	3.5478
NE+4.35	B3	35	Pprop	7.0132	1.6579	6.6166	-0.2433	-0.6996	0.1603	-0.7387
NE+4.35	B3	35	Pprop	7.7591	1.6579	8.3567	-0.2433	-0.6996	0.3418	-6.323
NE+4.35	B3	35	Pprop	8.505	1.6579	10.0967	-0.2433	-0.6996	0.5233	-13.2053
NE+4.35	B3	35	Viva	0.3	-17.0861	-17.4919	0.8234	0.6517	1.5131	-27.134
NE+4.35	B3	35	Viva	1.0459	-17.0861	-17.4919	0.8234	0.6517	0.899	-14.0867
NE+4.35	B3	35	Viva	1.7918	-17.0861	-17.4919	0.8234	0.6517	0.2848	-1.0393
NE+4.35	B3	35	Viva	2.5377	-17.0861	-17.4919	0.8234	0.6517	-0.3293	12.0081
NE+4.35	B3	35	Viva	2.91	-17.0861	-17.4919	0.8234	0.6517	-0.6358	18.5198
NE+4.35	B3	35	Viva	2.91	-42.503	0.2581	0.0166	-0.0582	-1.0801	17.1274
NE+4.35	B3	35	Viva	3.2836	-42.503	0.2581	0.0166	-0.0582	-1.0863	17.0309
NE+4.35	B3	35	Viva	4.0295	-42.503	0.2581	0.0166	-0.0582	-1.0987	16.8384
NE+4.35	B3	35	Viva	4.7755	-42.503	0.2581	0.0166	-0.0582	-1.1111	16.6459
NE+4.35	B3	35	Viva	5.5214	-42.503	0.2581	0.0166	-0.0582	-1.1234	16.4533
NE+4.35	B3	35	Viva	5.82	-42.503	0.2581	0.0166	-0.0582	-1.1284	16.3762
NE+4.35	B3	35	Viva	5.82	0.6663	18.2631	-0.7322	-0.5695	-0.4902	17.9319
NE+4.35	B3	35	Viva	6.2673	0.6663	18.2631	-0.7322	-0.5695	-0.1627	9.7633
NE+4.35	B3	35	Viva	7.0132	0.6663	18.2631	-0.7322	-0.5695	0.3835	-3.8593
NE+4.35	B3	35	Viva	7.7591	0.6663	18.2631	-0.7322	-0.5695	0.9296	-17.4819
NE+4.35	B3	35	Viva	8.505	0.6663	18.2631	-0.7322	-0.5695	1.4757	-31.1046
NE+4.35	B3	35	Psup	0.3	-20.1176	-16.4818	0.713	0.6879	1.3721	-25.5779
NE+4.35	B3	35	Psup	1.0459	-20.1176	-16.4818	0.713	0.6879	0.8403	-13.284
NE+4.35	B3	35	Psup	1.7918	-20.1176	-16.4818	0.713	0.6879	0.3085	-0.9901
NE+4.35	B3	35	Psup	2.5377	-20.1176	-16.4818	0.713	0.6879	-0.2234	11.3038
NE+4.35	B3	35	Psup	2.91	-20.1176	-16.4818	0.713	0.6879	-0.4888	17.4395
NE+4.35	B3	35	Psup	2.91	-47.2141	0.2141	0.0254	-0.0222	-1.0019	16.1576
NE+4.35	B3	35	Psup	3.2836	-47.2141	0.2141	0.0254	-0.0222	-1.0114	16.0776
NE+4.35	B3	35	Psup	4.0295	-47.2141	0.2141	0.0254	-0.0222	-1.0304	15.9178
NE+4.35	B3	35	Psup	4.7755	-47.2141	0.2141	0.0254	-0.0222	-1.0493	15.7581
NE+4.35	B3	35	Psup	5.5214	-47.2141	0.2141	0.0254	-0.0222	-1.0683	15.5984
NE+4.35	B3	35	Psup	5.82	-47.2141	0.2141	0.0254	-0.0222	-1.0759	15.5345
NE+4.35	B3	35	Psup	5.82	3.3315	17.073	-0.5578	-0.6195	-0.2932	16.9578
NE+4.35	B3	35	Psup	6.2673	3.3315	17.073	-0.5578	-0.6195	-0.0437	9.3215
NE+4.35	B3	35	Psup	7.0132	3.3315	17.073	-0.5578	-0.6195	0.3724	-3.4134
NE+4.35	B3	35	Psup	7.7591	3.3315	17.073	-0.5578	-0.6195	0.7884	-16.1482
NE+4.35	B3	35	Psup	8.505	3.3315	17.073	-0.5578	-0.6195	1.2045	-28.8831
NE+4.35	B3	35	Viva.cub	0.3	1.1949	0.0848	-0.0063	0.0082	-0.0159	0.258
NE+4.35	B3	35	Viva.cub	1.0459	1.1949	0.0848	-0.0063	0.0082	-0.0112	0.1948
NE+4.35	B3	35	Viva.cub	1.7918	1.1949	0.0848	-0.0063	0.0082	-0.0064	0.1316
NE+4.35	B3	35	Viva.cub	2.5377	1.1949	0.0848	-0.0063	0.0082	-0.0017	0.0684

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B3	35	Viva.cub	2.91	1.1949	0.0848	-0.0063	0.0082	0.0006	0.0368
NE+4.35	B3	35	Viva.cub	2.91	0.6242	0.0263	-0.0045	-0.0089	-0.0078	0.0389
NE+4.35	B3	35	Viva.cub	3.2836	0.6242	0.0263	-0.0045	-0.0089	-0.0062	0.0291
NE+4.35	B3	35	Viva.cub	4.0295	0.6242	0.0263	-0.0045	-0.0089	-0.0028	0.0095
NE+4.35	B3	35	Viva.cub	4.7755	0.6242	0.0263	-0.0045	-0.0089	0.0005	-0.0102
NE+4.35	B3	35	Viva.cub	5.5214	0.6242	0.0263	-0.0045	-0.0089	0.0039	-0.0298
NE+4.35	B3	35	Viva.cub	5.82	0.6242	0.0263	-0.0045	-0.0089	0.0052	-0.0377
NE+4.35	B3	35	Viva.cub	5.82	0.2578	-0.0051	-0.0021	-0.0062	-0.0021	-0.0337
NE+4.35	B3	35	Viva.cub	6.2673	0.2578	-0.0051	-0.0021	-0.0062	-0.0011	-0.0314
NE+4.35	B3	35	Viva.cub	7.0132	0.2578	-0.0051	-0.0021	-0.0062	0.0005	-0.0276
NE+4.35	B3	35	Viva.cub	7.7591	0.2578	-0.0051	-0.0021	-0.0062	0.0021	-0.0238
NE+4.35	B3	35	Viva.cub	8.505	0.2578	-0.0051	-0.0021	-0.0062	0.0037	-0.02
NE+4.35	B3	35	DISX-COMB Max	0.3	98.5008	2.5124	0.2634	0.1352	1.2724	8.9224
NE+4.35	B3	35	DISX-COMB Max	1.0459	98.5008	2.5124	0.2634	0.1352	1.0818	7.2803
NE+4.35	B3	35	DISX-COMB Max	1.7918	98.5008	2.5124	0.2634	0.1352	0.8937	5.7811
NE+4.35	B3	35	DISX-COMB Max	2.5377	98.5008	2.5124	0.2634	0.1352	0.7101	4.5676
NE+4.35	B3	35	DISX-COMB Max	2.91	98.5008	2.5124	0.2634	0.1352	0.6214	4.1501
NE+4.35	B3	35	DISX-COMB Max	2.91	14.1428	3.0672	0.9814	0.2411	1.4554	4.509
NE+4.35	B3	35	DISX-COMB Max	3.2836	14.1428	3.0672	0.9814	0.2411	1.0891	3.4388
NE+4.35	B3	35	DISX-COMB Max	4.0295	14.1428	3.0672	0.9814	0.2411	0.3602	1.6432
NE+4.35	B3	35	DISX-COMB Max	4.7755	14.1428	3.0672	0.9814	0.2411	0.3806	2.0109
NE+4.35	B3	35	DISX-COMB Max	5.5214	14.1428	3.0672	0.9814	0.2411	1.1098	3.982
NE+4.35	B3	35	DISX-COMB Max	5.82	14.1428	3.0672	0.9814	0.2411	1.4026	4.8497
NE+4.35	B3	35	DISX-COMB Max	5.82	74.0222	2.8696	0.2638	0.2407	0.6531	4.5419
NE+4.35	B3	35	DISX-COMB Max	6.2673	74.0222	2.8696	0.2638	0.2407	0.7506	5.5952
NE+4.35	B3	35	DISX-COMB Max	7.0132	74.0222	2.8696	0.2638	0.2407	0.9238	7.5128
NE+4.35	B3	35	DISX-COMB Max	7.7591	74.0222	2.8696	0.2638	0.2407	1.1049	9.5258
NE+4.35	B3	35	DISX-COMB Max	8.505	74.0222	2.8696	0.2638	0.2407	1.2906	11.5845
NE+4.35	B3	35	DISY-COMB Max	0.3	20.421	7.8752	0.4553	0.2174	0.5036	12.1229
NE+4.35	B3	35	DISY-COMB Max	1.0459	20.421	7.8752	0.4553	0.2174	0.203	6.2728
NE+4.35	B3	35	DISY-COMB Max	1.7918	20.421	7.8752	0.4553	0.2174	0.2437	0.8625
NE+4.35	B3	35	DISY-COMB Max	2.5377	20.421	7.8752	0.4553	0.2174	0.5552	5.5813
NE+4.35	B3	35	DISY-COMB Max	2.91	20.421	7.8752	0.4553	0.2174	0.7202	8.4937
NE+4.35	B3	35	DISY-COMB Max	2.91	6.2216	0.3192	0.1689	0.0775	0.2146	7.5007
NE+4.35	B3	35	DISY-COMB Max	3.2836	6.2216	0.3192	0.1689	0.0775	0.188	7.4464
NE+4.35	B3	35	DISY-COMB Max	4.0295	6.2216	0.3192	0.1689	0.0775	0.1944	7.3426
NE+4.35	B3	35	DISY-COMB Max	4.7755	6.2216	0.3192	0.1689	0.0775	0.2683	7.2452
NE+4.35	B3	35	DISY-COMB Max	5.5214	6.2216	0.3192	0.1689	0.0775	0.3713	7.1544
NE+4.35	B3	35	DISY-COMB Max	5.82	6.2216	0.3192	0.1689	0.0775	0.4161	7.1199
NE+4.35	B3	35	DISY-COMB Max	5.82	10.9221	8.4128	0.4527	0.118	0.4634	8.1118
NE+4.35	B3	35	DISY-COMB Max	6.2673	10.9221	8.4128	0.4527	0.118	0.2789	4.4077
NE+4.35	B3	35	DISY-COMB Max	7.0132	10.9221	8.4128	0.4527	0.118	0.1784	2.2544
NE+4.35	B3	35	DISY-COMB Max	7.7591	10.9221	8.4128	0.4527	0.118	0.4625	8.3362
NE+4.35	B3	35	DISY-COMB Max	8.505	10.9221	8.4128	0.4527	0.118	0.7899	14.5828
NE+4.35	B3	35	B241	0.3	-36.3175	-33.8513	1.3115	1.8339	2.5262	-48.0525

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B3	35	B241	1.0459	-36.3175	-31.5956	1.3115	1.8339	1.5479	-23.6438
NE+4.35	B3	35	B241	1.7918	-36.3175	-29.34	1.3115	1.8339	0.5697	-0.9176
NE+4.35	B3	35	B241	2.5377	-36.3175	-27.0844	1.3115	1.8339	-0.4085	20.1261
NE+4.35	B3	35	B241	2.91	-36.3175	-25.9586	1.3115	1.8339	-0.8967	29.9994
NE+4.35	B3	35	B241	2.91	-86.486	-3.9972	0.0474	-0.0552	-1.8513	27.6503
NE+4.35	B3	35	B241	3.2836	-86.486	-2.8674	0.0474	-0.0552	-1.869	28.9327
NE+4.35	B3	35	B241	4.0295	-86.486	-0.6117	0.0474	-0.0552	-1.9044	30.2303
NE+4.35	B3	35	B241	4.7755	-86.486	1.6439	0.0474	-0.0552	-1.9398	29.8453
NE+4.35	B3	35	B241	5.5214	-86.486	3.8995	0.0474	-0.0552	-1.9752	27.7779
NE+4.35	B3	35	B241	5.82	-86.486	4.8026	0.0474	-0.0552	-1.9893	26.4785
NE+4.35	B3	35	B241	5.82	6.4677	27.1005	-1.0385	-1.7099	-0.5487	29.1062
NE+4.35	B3	35	B241	6.2673	6.4677	28.4531	-1.0385	-1.7099	-0.0842	16.6824
NE+4.35	B3	35	B241	7.0132	6.4677	30.7087	-1.0385	-1.7099	0.6905	-5.3823
NE+4.35	B3	35	B241	7.7591	6.4677	32.9643	-1.0385	-1.7099	1.4651	-29.1294
NE+4.35	B3	35	B241	8.505	6.4677	35.22	-1.0385	-1.7099	2.2398	-54.5591
NE+4.35	B3	35	B242	0.3	-57.8696	-56.96	2.4383	2.6187	4.5783	-84.4733
NE+4.35	B3	35	B242	1.0459	-57.8696	-55.0266	2.4383	2.6187	2.7596	-42.7074
NE+4.35	B3	35	B242	1.7918	-57.8696	-53.0933	2.4383	2.6187	0.9408	-2.3836
NE+4.35	B3	35	B242	2.5377	-57.8696	-51.1599	2.4383	2.6187	-0.8779	36.4981
NE+4.35	B3	35	B242	2.91	-57.8696	-50.1949	2.4383	2.6187	-1.7857	55.3639
NE+4.35	B3	35	B242	2.91	-141.8236	-3.0001	0.065	-0.1449	-3.3189	51.1235
NE+4.35	B3	35	B242	3.2836	-141.8236	-2.0316	0.065	-0.1449	-3.3432	52.0635
NE+4.35	B3	35	B242	4.0295	-141.8236	-0.0982	0.065	-0.1449	-3.3917	52.8578
NE+4.35	B3	35	B242	4.7755	-141.8236	1.8352	0.065	-0.1449	-3.4401	52.21
NE+4.35	B3	35	B242	5.5214	-141.8236	3.7686	0.065	-0.1449	-3.4886	50.12
NE+4.35	B3	35	B242	5.82	-141.8236	4.5427	0.065	-0.1449	-3.508	48.879
NE+4.35	B3	35	B242	5.82	6.7387	52.4475	-2.0627	-2.3799	-1.2556	53.6224
NE+4.35	B3	35	B242	6.2673	6.7387	53.6068	-2.0627	-2.3799	-0.333	29.9048
NE+4.35	B3	35	B242	7.0132	6.7387	55.5402	-2.0627	-2.3799	1.2056	-10.8021
NE+4.35	B3	35	B242	7.7591	6.7387	57.4736	-2.0627	-2.3799	2.7442	-52.9511
NE+4.35	B3	35	B242	8.505	6.7387	59.407	-2.0627	-2.3799	4.2828	-96.5422
NE+4.35	B4	36	Pprop	0.225	0.5667	-10.0784	0.2474	0.683	0.5341	-13.1695
NE+4.35	B4	36	Pprop	0.9777	0.5667	-8.3224	0.2474	0.683	0.3479	-6.2441
NE+4.35	B4	36	Pprop	1.7305	0.5667	-6.5665	0.2474	0.683	0.1617	-0.6404
NE+4.35	B4	36	Pprop	2.4832	0.5667	-4.8105	0.2474	0.683	-0.0245	3.6414
NE+4.35	B4	36	Pprop	2.91	0.5667	-3.8148	0.2474	0.683	-0.1301	5.4822
NE+4.35	B4	36	Pprop	2.91	-19.7785	-3.4539	-0.0103	0.0069	-0.4589	4.902
NE+4.35	B4	36	Pprop	3.2359	-19.7785	-2.6936	-0.0103	0.0069	-0.4555	5.9037
NE+4.35	B4	36	Pprop	3.9886	-19.7785	-0.9376	-0.0103	0.0069	-0.4477	7.2704
NE+4.35	B4	36	Pprop	4.7414	-19.7785	0.8183	-0.0103	0.0069	-0.44	7.3153
NE+4.35	B4	36	Pprop	5.4941	-19.7785	2.5743	-0.0103	0.0069	-0.4322	6.0384
NE+4.35	B4	36	Pprop	5.82	-19.7785	3.3346	-0.0103	0.0069	-0.4288	5.0755
NE+4.35	B4	36	Pprop	5.82	-7.3138	3.6599	-0.3044	-0.6691	-0.2015	5.6094
NE+4.35	B4	36	Pprop	6.2468	-7.3138	4.6555	-0.3044	-0.6691	-0.0716	3.8348
NE+4.35	B4	36	Pprop	6.9995	-7.3138	6.4115	-0.3044	-0.6691	0.1575	-0.3305

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B4	36	Pprop	7.7523	-7.3138	8.1675	-0.3044	-0.6691	0.3867	-5.8174
NE+4.35	B4	36	Pprop	8.505	-7.3138	9.9234	-0.3044	-0.6691	0.6158	-12.6262
NE+4.35	B4	36	Viva	0.225	6.3096	-18.1192	0.724	0.5752	1.4502	-30.5972
NE+4.35	B4	36	Viva	0.9777	6.3096	-18.1192	0.724	0.5752	0.9052	-16.9584
NE+4.35	B4	36	Viva	1.7305	6.3096	-18.1192	0.724	0.5752	0.3603	-3.3195
NE+4.35	B4	36	Viva	2.4832	6.3096	-18.1192	0.724	0.5752	-0.1847	10.3193
NE+4.35	B4	36	Viva	2.91	6.3096	-18.1192	0.724	0.5752	-0.4937	18.0529
NE+4.35	B4	36	Viva	2.91	-35.9222	-0.1571	-0.0049	0.0073	-1.1328	16.5355
NE+4.35	B4	36	Viva	3.2359	-35.9222	-0.1571	-0.0049	0.0073	-1.1312	16.5867
NE+4.35	B4	36	Viva	3.9886	-35.9222	-0.1571	-0.0049	0.0073	-1.1275	16.705
NE+4.35	B4	36	Viva	4.7414	-35.9222	-0.1571	-0.0049	0.0073	-1.1238	16.8232
NE+4.35	B4	36	Viva	5.4941	-35.9222	-0.1571	-0.0049	0.0073	-1.1201	16.9414
NE+4.35	B4	36	Viva	5.82	-35.9222	-0.1571	-0.0049	0.0073	-1.1185	16.9926
NE+4.35	B4	36	Viva	5.82	-8.6998	17.7283	-0.8595	-0.5776	-0.667	18.4249
NE+4.35	B4	36	Viva	6.2468	-8.6998	17.7283	-0.8595	-0.5776	-0.3001	10.8582
NE+4.35	B4	36	Viva	6.9995	-8.6998	17.7283	-0.8595	-0.5776	0.3469	-2.4864
NE+4.35	B4	36	Viva	7.7523	-8.6998	17.7283	-0.8595	-0.5776	0.9939	-15.831
NE+4.35	B4	36	Viva	8.505	-8.6998	17.7283	-0.8595	-0.5776	1.6408	-29.1756
NE+4.35	B4	36	Psup	0.225	2.1766	-17.0405	0.5618	0.5716	1.2251	-28.8587
NE+4.35	B4	36	Psup	0.9777	2.1766	-17.0405	0.5618	0.5716	0.8022	-16.0318
NE+4.35	B4	36	Psup	1.7305	2.1766	-17.0405	0.5618	0.5716	0.3793	-3.205
NE+4.35	B4	36	Psup	2.4832	2.1766	-17.0405	0.5618	0.5716	-0.0436	9.6218
NE+4.35	B4	36	Psup	2.91	2.1766	-17.0405	0.5618	0.5716	-0.2834	16.895
NE+4.35	B4	36	Psup	2.91	-47.0188	-0.1376	-0.02	-0.0148	-1.0744	15.5314
NE+4.35	B4	36	Psup	3.2359	-47.0188	-0.1376	-0.02	-0.0148	-1.0679	15.5762
NE+4.35	B4	36	Psup	3.9886	-47.0188	-0.1376	-0.02	-0.0148	-1.0528	15.6798
NE+4.35	B4	36	Psup	4.7414	-47.0188	-0.1376	-0.02	-0.0148	-1.0378	15.7834
NE+4.35	B4	36	Psup	5.4941	-47.0188	-0.1376	-0.02	-0.0148	-1.0227	15.8869
NE+4.35	B4	36	Psup	5.82	-47.0188	-0.1376	-0.02	-0.0148	-1.0162	15.9318
NE+4.35	B4	36	Psup	5.82	-18.1118	16.7562	-0.7365	-0.5306	-0.4993	17.2207
NE+4.35	B4	36	Psup	6.2468	-18.1118	16.7562	-0.7365	-0.5306	-0.185	10.0689
NE+4.35	B4	36	Psup	6.9995	-18.1118	16.7562	-0.7365	-0.5306	0.3694	-2.544
NE+4.35	B4	36	Psup	7.7523	-18.1118	16.7562	-0.7365	-0.5306	0.9237	-15.1568
NE+4.35	B4	36	Psup	8.505	-18.1118	16.7562	-0.7365	-0.5306	1.4781	-27.7696
NE+4.35	B4	36	Viva.cub	0.225	0.151	0.0369	-0.0007	-0.0023	-0.0008	0.0715
NE+4.35	B4	36	Viva.cub	0.9777	0.151	0.0369	-0.0007	-0.0023	-0.0003	0.0437
NE+4.35	B4	36	Viva.cub	1.7305	0.151	0.0369	-0.0007	-0.0023	0.0003	0.016
NE+4.35	B4	36	Viva.cub	2.4832	0.151	0.0369	-0.0007	-0.0023	0.0008	-0.0118
NE+4.35	B4	36	Viva.cub	2.91	0.151	0.0369	-0.0007	-0.0023	0.0011	-0.0275
NE+4.35	B4	36	Viva.cub	2.91	0.0913	0.0081	-0.0014	-0.0028	-0.0015	-0.0209
NE+4.35	B4	36	Viva.cub	3.2359	0.0913	0.0081	-0.0014	-0.0028	-0.0011	-0.0235
NE+4.35	B4	36	Viva.cub	3.9886	0.0913	0.0081	-0.0014	-0.0028	-1.005E-05	-0.0296
NE+4.35	B4	36	Viva.cub	4.7414	0.0913	0.0081	-0.0014	-0.0028	0.001	-0.0357
NE+4.35	B4	36	Viva.cub	5.4941	0.0913	0.0081	-0.0014	-0.0028	0.0021	-0.0417
NE+4.35	B4	36	Viva.cub	5.82	0.0913	0.0081	-0.0014	-0.0028	0.0026	-0.0444

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B4	36	Viva.cub	5.82	0.1813	-0.0106	0.001	0.0038	0.003	-0.0469
NE+4.35	B4	36	Viva.cub	6.2468	0.1813	-0.0106	0.001	0.0038	0.0026	-0.0423
NE+4.35	B4	36	Viva.cub	6.9995	0.1813	-0.0106	0.001	0.0038	0.0018	-0.0343
NE+4.35	B4	36	Viva.cub	7.7523	0.1813	-0.0106	0.001	0.0038	0.0011	-0.0264
NE+4.35	B4	36	Viva.cub	8.505	0.1813	-0.0106	0.001	0.0038	0.0003	-0.0184
NE+4.35	B4	36	DISX-COMB Max	0.225	81.747	3.0191	0.3203	0.2181	1.3491	11.9323
NE+4.35	B4	36	DISX-COMB Max	0.9777	81.747	3.0191	0.3203	0.2181	1.1149	9.7126
NE+4.35	B4	36	DISX-COMB Max	1.7305	81.747	3.0191	0.3203	0.2181	0.8844	7.5245
NE+4.35	B4	36	DISX-COMB Max	2.4832	81.747	3.0191	0.3203	0.2181	0.6616	5.4065
NE+4.35	B4	36	DISX-COMB Max	2.91	81.747	3.0191	0.3203	0.2181	0.5422	4.2766
NE+4.35	B4	36	DISX-COMB Max	2.91	5.5765	3.0571	0.9746	0.263	1.3508	4.6342
NE+4.35	B4	36	DISX-COMB Max	3.2359	5.5765	3.0571	0.9746	0.263	1.0333	3.6688
NE+4.35	B4	36	DISX-COMB Max	3.9886	5.5765	3.0571	0.9746	0.263	0.3011	1.5915
NE+4.35	B4	36	DISX-COMB Max	4.7414	5.5765	3.0571	0.9746	0.263	0.4359	1.4821
NE+4.35	B4	36	DISX-COMB Max	5.4941	5.5765	3.0571	0.9746	0.263	1.1687	3.5285
NE+4.35	B4	36	DISX-COMB Max	5.82	5.5765	3.0571	0.9746	0.263	1.4862	4.4917
NE+4.35	B4	36	DISX-COMB Max	5.82	72.2739	2.1996	0.3704	0.121	0.576	4.2017
NE+4.35	B4	36	DISX-COMB Max	6.2468	72.2739	2.1996	0.3704	0.121	0.7237	4.7312
NE+4.35	B4	36	DISX-COMB Max	6.9995	72.2739	2.1996	0.3704	0.121	0.992	5.918
NE+4.35	B4	36	DISX-COMB Max	7.7523	72.2739	2.1996	0.3704	0.121	1.2649	7.2899
NE+4.35	B4	36	DISX-COMB Max	8.505	72.2739	2.1996	0.3704	0.121	1.5399	8.7605
NE+4.35	B4	36	DISY-COMB Max	0.225	15.0636	8.9211	0.467	0.1266	0.5947	14.5788
NE+4.35	B4	36	DISY-COMB Max	0.9777	15.0636	8.9211	0.467	0.1266	0.2677	7.8964
NE+4.35	B4	36	DISY-COMB Max	1.7305	15.0636	8.9211	0.467	0.1266	0.1919	1.534
NE+4.35	B4	36	DISY-COMB Max	2.4832	15.0636	8.9211	0.467	0.1266	0.4992	5.7043
NE+4.35	B4	36	DISY-COMB Max	2.91	15.0636	8.9211	0.467	0.1266	0.6924	9.4722
NE+4.35	B4	36	DISY-COMB Max	2.91	11.2868	0.2946	0.1634	0.0323	0.1702	8.3164
NE+4.35	B4	36	DISY-COMB Max	3.2359	11.2868	0.2946	0.1634	0.0323	0.1565	8.3021
NE+4.35	B4	36	DISY-COMB Max	3.9886	11.2868	0.2946	0.1634	0.0323	0.1891	8.2734
NE+4.35	B4	36	DISY-COMB Max	4.7414	11.2868	0.2946	0.1634	0.0323	0.2781	8.2505
NE+4.35	B4	36	DISY-COMB Max	5.4941	11.2868	0.2946	0.1634	0.0323	0.3862	8.2335
NE+4.35	B4	36	DISY-COMB Max	5.82	11.2868	0.2946	0.1634	0.0323	0.4355	8.228
NE+4.35	B4	36	DISY-COMB Max	5.82	9.1224	9.436	0.5259	0.2134	0.6201	9.3829
NE+4.35	B4	36	DISY-COMB Max	6.2468	9.1224	9.436	0.5259	0.2134	0.4038	5.3787
NE+4.35	B4	36	DISY-COMB Max	6.9995	9.1224	9.436	0.5259	0.2134	0.1341	1.9341
NE+4.35	B4	36	DISY-COMB Max	7.7523	9.1224	9.436	0.5259	0.2134	0.4317	8.9134
NE+4.35	B4	36	DISY-COMB Max	8.505	9.1224	9.436	0.5259	0.2134	0.8173	16.0017
NE+4.35	B4	36	B241	0.225	3.5562	-35.1541	1.0489	1.6264	2.2804	-54.4809
NE+4.35	B4	36	B241	0.9777	3.5562	-32.8778	1.0489	1.6264	1.4909	-28.8762
NE+4.35	B4	36	B241	1.7305	3.5562	-30.6016	1.0489	1.6264	0.7013	-4.9848
NE+4.35	B4	36	B241	2.4832	3.5562	-28.3254	1.0489	1.6264	-0.0883	17.1931
NE+4.35	B4	36	B241	2.91	3.5562	-27.0347	1.0489	1.6264	-0.536	29.0075
NE+4.35	B4	36	B241	2.91	-86.5891	-4.6556	-0.0393	-0.0103	-1.9875	26.4877
NE+4.35	B4	36	B241	3.2359	-86.5891	-3.67	-0.0393	-0.0103	-1.9747	27.8444
NE+4.35	B4	36	B241	3.9886	-86.5891	-1.3938	-0.0393	-0.0103	-1.9452	29.7502

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B4	36	B241	4.7414	-86.5891	0.8825	-0.0393	-0.0103	-1.9156	29.9427
NE+4.35	B4	36	B241	5.4941	-86.5891	3.1587	-0.0393	-0.0103	-1.886	28.4217
NE+4.35	B4	36	B241	5.82	-86.5891	4.1443	-0.0393	-0.0103	-1.8732	27.2316
NE+4.35	B4	36	B241	5.82	-32.9591	26.4652	-1.3493	-1.5552	-0.9085	29.5946
NE+4.35	B4	36	B241	6.2468	-32.9591	27.7559	-1.3493	-1.5552	-0.3326	18.0233
NE+4.35	B4	36	B241	6.9995	-32.9591	30.0322	-1.3493	-1.5552	0.683	-3.7261
NE+4.35	B4	36	B241	7.7523	-32.9591	32.3084	-1.3493	-1.5552	1.6986	-27.1888
NE+4.35	B4	36	B241	8.505	-32.9591	34.5847	-1.3493	-1.5552	2.7143	-52.365
NE+4.35	B4	36	B242	0.225	13.2191	-59.1044	2.0571	2.3132	4.2746	-95.6177
NE+4.35	B4	36	B242	0.9777	13.2191	-57.1533	2.0571	2.3132	2.7261	-51.8625
NE+4.35	B4	36	B242	1.7305	13.2191	-55.2023	2.0571	2.3132	1.1777	-9.576
NE+4.35	B4	36	B242	2.4832	13.2191	-53.2512	2.0571	2.3132	-0.3708	31.242
NE+4.35	B4	36	B242	2.91	13.2191	-52.1449	2.0571	2.3132	-1.2488	53.7345
NE+4.35	B4	36	B242	2.91	-131.649	-4.2378	-0.0422	0.0014	-3.5168	49.1502
NE+4.35	B4	36	B242	3.2359	-131.649	-3.393	-0.0422	0.0014	-3.5031	50.3936
NE+4.35	B4	36	B242	3.9886	-131.649	-1.4419	-0.0422	0.0014	-3.4713	52.2133
NE+4.35	B4	36	B242	4.7414	-131.649	0.5091	-0.0422	0.0014	-3.4395	52.5644
NE+4.35	B4	36	B242	5.4941	-131.649	2.4602	-0.0422	0.0014	-3.4077	51.4468
NE+4.35	B4	36	B242	5.82	-131.649	3.305	-0.0422	0.0014	-3.394	50.5074
NE+4.35	B4	36	B242	5.82	-42.0797	51.0445	-2.5313	-2.2553	-1.8444	54.8232
NE+4.35	B4	36	B242	6.2468	-42.0797	52.1508	-2.5313	-2.2553	-0.764	32.8004
NE+4.35	B4	36	B242	6.9995	-42.0797	54.1019	-2.5313	-2.2553	1.1413	-7.1892
NE+4.35	B4	36	B242	7.7523	-42.0797	56.053	-2.5313	-2.2553	3.0467	-48.6475
NE+4.35	B4	36	B242	8.505	-42.0797	58.004	-2.5313	-2.2553	4.952	-91.5744
NE+4.35	B5	37	Pprop	0.225	13.5349	-7.123	0.1883	0.2172	0.2238	-6.5858
NE+4.35	B5	37	Pprop	0.7241	13.5349	-5.9588	0.1883	0.2172	0.1298	-3.3213
NE+4.35	B5	37	Pprop	1.2232	13.5349	-4.7945	0.1883	0.2172	0.0359	-0.6379
NE+4.35	B5	37	Pprop	1.7223	13.5349	-3.6302	0.1883	0.2172	-0.0581	1.4644
NE+4.35	B5	37	Pprop	2.2214	13.5349	-2.4659	0.1883	0.2172	-0.1521	2.9857
NE+4.35	B5	37	Pprop	2.7205	13.5349	-1.3016	0.1883	0.2172	-0.2461	3.9259
NE+4.35	B5	37	Pprop	2.97	13.5349	-0.7195	0.1883	0.2172	-0.2931	4.1781
NE+4.35	B5	37	Pprop	2.97	8.308	0.4777	-0.2232	-0.2083	-0.3519	4.1465
NE+4.35	B5	37	Pprop	3.2195	8.308	1.0598	-0.2232	-0.2083	-0.2962	3.9547
NE+4.35	B5	37	Pprop	3.7186	8.308	2.2241	-0.2232	-0.2083	-0.1848	3.1352
NE+4.35	B5	37	Pprop	4.2177	8.308	3.3884	-0.2232	-0.2083	-0.0734	1.7347
NE+4.35	B5	37	Pprop	4.7168	8.308	4.5526	-0.2232	-0.2083	0.038	-0.247
NE+4.35	B5	37	Pprop	5.2159	8.308	5.7169	-0.2232	-0.2083	0.1494	-2.8097
NE+4.35	B5	37	Pprop	5.715	8.308	6.8812	-0.2232	-0.2083	0.2607	-5.9535
NE+4.35	B5	37	Viva	0.225	21.4963	-10.3476	0.5303	-0.5195	0.6631	-14.1503
NE+4.35	B5	37	Viva	0.7241	21.4963	-10.3476	0.5303	-0.5195	0.3984	-8.9859
NE+4.35	B5	37	Viva	1.2232	21.4963	-10.3476	0.5303	-0.5195	0.1338	-3.8215
NE+4.35	B5	37	Viva	1.7223	21.4963	-10.3476	0.5303	-0.5195	-0.1309	1.3429
NE+4.35	B5	37	Viva	2.2214	21.4963	-10.3476	0.5303	-0.5195	-0.3956	6.5072
NE+4.35	B5	37	Viva	2.7205	21.4963	-10.3476	0.5303	-0.5195	-0.6602	11.6716
NE+4.35	B5	37	Viva	2.97	21.4963	-10.3476	0.5303	-0.5195	-0.7926	14.2538

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B5	37	Viva	2.97	13.0414	9.5824	-0.5668	0.5567	-0.8699	14.1806
NE+4.35	B5	37	Viva	3.2195	13.0414	9.5824	-0.5668	0.5567	-0.7284	11.7894
NE+4.35	B5	37	Viva	3.7186	13.0414	9.5824	-0.5668	0.5567	-0.4456	7.0069
NE+4.35	B5	37	Viva	4.2177	13.0414	9.5824	-0.5668	0.5567	-0.1627	2.2244
NE+4.35	B5	37	Viva	4.7168	13.0414	9.5824	-0.5668	0.5567	0.1202	-2.5581
NE+4.35	B5	37	Viva	5.2159	13.0414	9.5824	-0.5668	0.5567	0.4031	-7.3406
NE+4.35	B5	37	Viva	5.715	13.0414	9.5824	-0.5668	0.5567	0.6859	-12.1231
NE+4.35	B5	37	Psup	0.225	31.7458	-9.6729	0.4249	-0.3828	0.5195	-13.054
NE+4.35	B5	37	Psup	0.7241	31.7458	-9.6729	0.4249	-0.3828	0.3074	-8.2264
NE+4.35	B5	37	Psup	1.2232	31.7458	-9.6729	0.4249	-0.3828	0.0953	-3.3987
NE+4.35	B5	37	Psup	1.7223	31.7458	-9.6729	0.4249	-0.3828	-0.1168	1.4289
NE+4.35	B5	37	Psup	2.2214	31.7458	-9.6729	0.4249	-0.3828	-0.3288	6.2566
NE+4.35	B5	37	Psup	2.7205	31.7458	-9.6729	0.4249	-0.3828	-0.5409	11.0842
NE+4.35	B5	37	Psup	2.97	31.7458	-9.6729	0.4249	-0.3828	-0.647	13.498
NE+4.35	B5	37	Psup	2.97	20.069	9.0713	-0.4827	0.4505	-0.7658	13.4191
NE+4.35	B5	37	Psup	3.2195	20.069	9.0713	-0.4827	0.4505	-0.6454	11.1554
NE+4.35	B5	37	Psup	3.7186	20.069	9.0713	-0.4827	0.4505	-0.4044	6.628
NE+4.35	B5	37	Psup	4.2177	20.069	9.0713	-0.4827	0.4505	-0.1635	2.1006
NE+4.35	B5	37	Psup	4.7168	20.069	9.0713	-0.4827	0.4505	0.0774	-2.4268
NE+4.35	B5	37	Psup	5.2159	20.069	9.0713	-0.4827	0.4505	0.3183	-6.9542
NE+4.35	B5	37	Psup	5.715	20.069	9.0713	-0.4827	0.4505	0.5592	-11.4816
NE+4.35	B5	37	Viva.cub	0.225	-0.1657	0.0545	-0.0008	0.0026	-0.0026	0.1233
NE+4.35	B5	37	Viva.cub	0.7241	-0.1657	0.0545	-0.0008	0.0026	-0.0022	0.0961
NE+4.35	B5	37	Viva.cub	1.2232	-0.1657	0.0545	-0.0008	0.0026	-0.0019	0.069
NE+4.35	B5	37	Viva.cub	1.7223	-0.1657	0.0545	-0.0008	0.0026	-0.0015	0.0418
NE+4.35	B5	37	Viva.cub	2.2214	-0.1657	0.0545	-0.0008	0.0026	-0.0011	0.0146
NE+4.35	B5	37	Viva.cub	2.7205	-0.1657	0.0545	-0.0008	0.0026	-0.0007	-0.0126
NE+4.35	B5	37	Viva.cub	2.97	-0.1657	0.0545	-0.0008	0.0026	-0.0005	-0.0262
NE+4.35	B5	37	Viva.cub	2.97	-0.0964	0.013	-0.0025	-0.0027	-0.0034	-0.0218
NE+4.35	B5	37	Viva.cub	3.2195	-0.0964	0.013	-0.0025	-0.0027	-0.0027	-0.025
NE+4.35	B5	37	Viva.cub	3.7186	-0.0964	0.013	-0.0025	-0.0027	-0.0015	-0.0315
NE+4.35	B5	37	Viva.cub	4.2177	-0.0964	0.013	-0.0025	-0.0027	-0.0002	-0.0379
NE+4.35	B5	37	Viva.cub	4.7168	-0.0964	0.013	-0.0025	-0.0027	0.001	-0.0444
NE+4.35	B5	37	Viva.cub	5.2159	-0.0964	0.013	-0.0025	-0.0027	0.0022	-0.0509
NE+4.35	B5	37	Viva.cub	5.715	-0.0964	0.013	-0.0025	-0.0027	0.0035	-0.0573
NE+4.35	B5	37	DISX-COMB Max	0.225	25.7505	5.7568	0.1294	0.1224	1.3682	13.927
NE+4.35	B5	37	DISX-COMB Max	0.7241	25.7505	5.7568	0.1294	0.1224	1.4154	11.075
NE+4.35	B5	37	DISX-COMB Max	1.2232	25.7505	5.7568	0.1294	0.1224	1.464	8.2379
NE+4.35	B5	37	DISX-COMB Max	1.7223	25.7505	5.7568	0.1294	0.1224	1.5137	5.4387
NE+4.35	B5	37	DISX-COMB Max	2.2214	25.7505	5.7568	0.1294	0.1224	1.5646	2.794
NE+4.35	B5	37	DISX-COMB Max	2.7205	25.7505	5.7568	0.1294	0.1224	1.6164	1.5949
NE+4.35	B5	37	DISX-COMB Max	2.97	25.7505	5.7568	0.1294	0.1224	1.6427	2.4705
NE+4.35	B5	37	DISX-COMB Max	2.97	52.9285	4.6677	0.2035	0.231	1.7882	2.4619
NE+4.35	B5	37	DISX-COMB Max	3.2195	52.9285	4.6677	0.2035	0.231	1.7409	3.0049
NE+4.35	B5	37	DISX-COMB Max	3.7186	52.9285	4.6677	0.2035	0.231	1.647	4.8069

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B5	37	DISX-COMB Max	4.2177	52.9285	4.6677	0.2035	0.231	1.554	6.9309
NE+4.35	B5	37	DISX-COMB Max	4.7168	52.9285	4.6677	0.2035	0.231	1.4621	9.1555
NE+4.35	B5	37	DISX-COMB Max	5.2159	52.9285	4.6677	0.2035	0.231	1.3717	11.422
NE+4.35	B5	37	DISX-COMB Max	5.715	52.9285	4.6677	0.2035	0.231	1.2828	13.7097
NE+4.35	B5	37	DISY-COMB Max	0.225	10.0466	6.9111	0.1515	0.7954	0.2033	8.5601
NE+4.35	B5	37	DISY-COMB Max	0.7241	10.0466	6.9111	0.1515	0.7954	0.1834	5.1514
NE+4.35	B5	37	DISY-COMB Max	1.2232	10.0466	6.9111	0.1515	0.7954	0.1933	1.8959
NE+4.35	B5	37	DISY-COMB Max	1.7223	10.0466	6.9111	0.1515	0.7954	0.2291	2.1089
NE+4.35	B5	37	DISY-COMB Max	2.2214	10.0466	6.9111	0.1515	0.7954	0.2812	5.394
NE+4.35	B5	37	DISY-COMB Max	2.7205	10.0466	6.9111	0.1515	0.7954	0.3422	8.8056
NE+4.35	B5	37	DISY-COMB Max	2.97	10.0466	6.9111	0.1515	0.7954	0.3747	10.5206
NE+4.35	B5	37	DISY-COMB Max	2.97	6.4874	7.5755	0.0867	0.9092	0.2479	10.4773
NE+4.35	B5	37	DISY-COMB Max	3.2195	6.4874	7.5755	0.0867	0.9092	0.2565	8.5983
NE+4.35	B5	37	DISY-COMB Max	3.7186	6.4874	7.5755	0.0867	0.9092	0.2779	4.867
NE+4.35	B5	37	DISY-COMB Max	4.2177	6.4874	7.5755	0.0867	0.9092	0.304	1.4264
NE+4.35	B5	37	DISY-COMB Max	4.7168	6.4874	7.5755	0.0867	0.9092	0.3337	2.9953
NE+4.35	B5	37	DISY-COMB Max	5.2159	6.4874	7.5755	0.0867	0.9092	0.3661	6.6708
NE+4.35	B5	37	DISY-COMB Max	5.715	6.4874	7.5755	0.0867	0.9092	0.4006	10.422
NE+4.35	B5	37	B241	0.225	58.6972	-21.7725	0.7949	-0.2147	0.9635	-25.4591
NE+4.35	B5	37	B241	0.7241	58.6972	-20.2633	0.7949	-0.2147	0.5668	-14.9693
NE+4.35	B5	37	B241	1.2232	58.6972	-18.754	0.7949	-0.2147	0.17	-5.2327
NE+4.35	B5	37	B241	1.7223	58.6972	-17.2447	0.7949	-0.2147	-0.2267	3.7506
NE+4.35	B5	37	B241	2.2214	58.6972	-15.7355	0.7949	-0.2147	-0.6235	11.9807
NE+4.35	B5	37	B241	2.7205	58.6972	-14.2262	0.7949	-0.2147	-1.0202	19.4575
NE+4.35	B5	37	B241	2.97	58.6972	-13.4716	0.7949	-0.2147	-1.2186	22.9135
NE+4.35	B5	37	B241	2.97	36.7849	12.3783	-0.915	0.3139	-1.4488	22.7703
NE+4.35	B5	37	B241	3.2195	36.7849	13.1329	-0.915	0.3139	-1.2205	19.5872
NE+4.35	B5	37	B241	3.7186	36.7849	14.6422	-0.915	0.3139	-0.7638	12.656
NE+4.35	B5	37	B241	4.2177	36.7849	16.1514	-0.915	0.3139	-0.3071	4.9716
NE+4.35	B5	37	B241	4.7168	36.7849	17.6607	-0.915	0.3139	0.1496	-3.466
NE+4.35	B5	37	B241	5.2159	36.7849	19.1699	-0.915	0.3139	0.6062	-12.6569
NE+4.35	B5	37	B241	5.715	36.7849	20.6792	-0.915	0.3139	1.0629	-22.601
NE+4.35	B5	37	B242	0.225	84.6231	-35.191	1.5295	-1.014	1.8855	-44.4009
NE+4.35	B5	37	B242	0.7241	84.6231	-33.8974	1.5295	-1.014	1.1222	-27.1602
NE+4.35	B5	37	B242	1.2232	84.6231	-32.6038	1.5295	-1.014	0.3589	-10.5651
NE+4.35	B5	37	B242	1.7223	84.6231	-31.3101	1.5295	-1.014	-0.4045	5.3843
NE+4.35	B5	37	B242	2.2214	84.6231	-30.0165	1.5295	-1.014	-1.1678	20.6881
NE+4.35	B5	37	B242	2.7205	84.6231	-28.7228	1.5295	-1.014	-1.9312	35.3462
NE+4.35	B5	37	B242	2.97	84.6231	-28.076	1.5295	-1.014	-2.3128	42.4331
NE+4.35	B5	37	B242	2.97	52.3479	25.9483	-1.6924	1.1584	-2.6353	42.1955
NE+4.35	B5	37	B242	3.2195	52.3479	26.5951	-1.6924	1.1584	-2.213	35.6395
NE+4.35	B5	37	B242	3.7186	52.3479	27.8888	-1.6924	1.1584	-1.3683	22.0433
NE+4.35	B5	37	B242	4.2177	52.3479	29.1824	-1.6924	1.1584	-0.5237	7.8015
NE+4.35	B5	37	B242	4.7168	52.3479	30.4761	-1.6924	1.1584	0.321	-7.086
NE+4.35	B5	37	B242	5.2159	52.3479	31.7697	-1.6924	1.1584	1.1656	-22.6192

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B5	37	B242	5.715	52.3479	33.0633	-1.6924	1.1584	2.0103	-38.798
NE+4.35	B6	38	Pprop	0.225	-5.2386	-9.0106	0.1915	0.3669	0.3823	-9.4282
NE+4.35	B6	38	Pprop	0.8068	-5.2386	-7.6534	0.1915	0.3669	0.2708	-4.5805
NE+4.35	B6	38	Pprop	1.3886	-5.2386	-6.2961	0.1915	0.3669	0.1594	-0.5224
NE+4.35	B6	38	Pprop	1.9705	-5.2386	-4.9388	0.1915	0.3669	0.0479	2.7459
NE+4.35	B6	38	Pprop	2.28	-5.2386	-4.2167	0.1915	0.3669	-0.0114	4.1629
NE+4.35	B6	38	Pprop	2.28	-20.7972	-2.9829	-0.0371	0.0082	-0.3886	3.7799
NE+4.35	B6	38	Pprop	2.5523	-20.7972	-2.3478	-0.0371	0.0082	-0.3785	4.5056
NE+4.35	B6	38	Pprop	3.1341	-20.7972	-0.9905	-0.0371	0.0082	-0.3569	5.4768
NE+4.35	B6	38	Pprop	3.7159	-20.7972	0.3668	-0.0371	0.0082	-0.3353	5.6582
NE+4.35	B6	38	Pprop	4.2977	-20.7972	1.724	-0.0371	0.0082	-0.3137	5.05
NE+4.35	B6	38	Pprop	4.57	-20.7972	2.3592	-0.0371	0.0082	-0.3036	4.4941
NE+4.35	B6	38	Pprop	4.57	-16.1124	3.6553	-0.2786	-0.3498	-0.159	4.7681
NE+4.35	B6	38	Pprop	4.8795	-16.1124	4.3774	-0.2786	-0.3498	-0.0727	3.5249
NE+4.35	B6	38	Pprop	5.4614	-16.1124	5.7347	-0.2786	-0.3498	0.0894	0.5831
NE+4.35	B6	38	Pprop	6.0432	-16.1124	7.092	-0.2786	-0.3498	0.2515	-3.1482
NE+4.35	B6	38	Pprop	6.625	-16.1124	8.4492	-0.2786	-0.3498	0.4136	-7.6693
NE+4.35	B6	38	Viva	0.225	-6.6599	-15.3809	0.5735	-0.1659	0.9756	-19.8323
NE+4.35	B6	38	Viva	0.8068	-6.6599	-15.3809	0.5735	-0.1659	0.6419	-10.8834
NE+4.35	B6	38	Viva	1.3886	-6.6599	-15.3809	0.5735	-0.1659	0.3082	-1.9345
NE+4.35	B6	38	Viva	1.9705	-6.6599	-15.3809	0.5735	-0.1659	-0.0255	7.0143
NE+4.35	B6	38	Viva	2.28	-6.6599	-15.3809	0.5735	-0.1659	-0.203	11.7754
NE+4.35	B6	38	Viva	2.28	-34.5977	-0.5555	-0.0508	0.0417	-0.8632	10.9217
NE+4.35	B6	38	Viva	2.5523	-34.5977	-0.5555	-0.0508	0.0417	-0.8494	11.0729
NE+4.35	B6	38	Viva	3.1341	-34.5977	-0.5555	-0.0508	0.0417	-0.8198	11.3961
NE+4.35	B6	38	Viva	3.7159	-34.5977	-0.5555	-0.0508	0.0417	-0.7903	11.7193
NE+4.35	B6	38	Viva	4.2977	-34.5977	-0.5555	-0.0508	0.0417	-0.7607	12.0425
NE+4.35	B6	38	Viva	4.57	-34.5977	-0.5555	-0.0508	0.0417	-0.7469	12.1937
NE+4.35	B6	38	Viva	4.57	-23.0891	14.2905	-0.6908	0.2424	-0.4248	12.8628
NE+4.35	B6	38	Viva	4.8795	-23.0891	14.2905	-0.6908	0.2424	-0.211	8.4392
NE+4.35	B6	38	Viva	5.4614	-23.0891	14.2905	-0.6908	0.2424	0.191	0.1247
NE+4.35	B6	38	Viva	6.0432	-23.0891	14.2905	-0.6908	0.2424	0.5929	-8.1898
NE+4.35	B6	38	Viva	6.625	-23.0891	14.2905	-0.6908	0.2424	0.9948	-16.5043
NE+4.35	B6	38	Psup	0.225	-8.2775	-14.8695	0.3729	-0.1191	0.7666	-19.1413
NE+4.35	B6	38	Psup	0.8068	-8.2775	-14.8695	0.3729	-0.1191	0.5496	-10.49
NE+4.35	B6	38	Psup	1.3886	-8.2775	-14.8695	0.3729	-0.1191	0.3327	-1.8386
NE+4.35	B6	38	Psup	1.9705	-8.2775	-14.8695	0.3729	-0.1191	0.1157	6.8127
NE+4.35	B6	38	Psup	2.28	-8.2775	-14.8695	0.3729	-0.1191	0.0003	11.4155
NE+4.35	B6	38	Psup	2.28	-41.9908	-0.5908	-0.0649	-0.0024	-0.8266	10.5931
NE+4.35	B6	38	Psup	2.5523	-41.9908	-0.5908	-0.0649	-0.0024	-0.8089	10.7539
NE+4.35	B6	38	Psup	3.1341	-41.9908	-0.5908	-0.0649	-0.0024	-0.7712	11.0976
NE+4.35	B6	38	Psup	3.7159	-41.9908	-0.5908	-0.0649	-0.0024	-0.7335	11.4414
NE+4.35	B6	38	Psup	4.2977	-41.9908	-0.5908	-0.0649	-0.0024	-0.6957	11.7851
NE+4.35	B6	38	Psup	4.57	-41.9908	-0.5908	-0.0649	-0.0024	-0.6781	11.9459
NE+4.35	B6	38	Psup	4.57	-30.9754	13.8267	-0.6196	0.1859	-0.3549	12.5757

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B6	38	Psup	4.8795	-30.9754	13.8267	-0.6196	0.1859	-0.1631	8.2957
NE+4.35	B6	38	Psup	5.4614	-30.9754	13.8267	-0.6196	0.1859	0.1974	0.2511
NE+4.35	B6	38	Psup	6.0432	-30.9754	13.8267	-0.6196	0.1859	0.558	-7.7936
NE+4.35	B6	38	Psup	6.625	-30.9754	13.8267	-0.6196	0.1859	0.9185	-15.8382
NE+4.35	B6	38	Viva.cub	0.225	-0.475	0.009	0.0001	0.0066	0.0039	0.0158
NE+4.35	B6	38	Viva.cub	0.8068	-0.475	0.009	0.0001	0.0066	0.0038	0.0105
NE+4.35	B6	38	Viva.cub	1.3886	-0.475	0.009	0.0001	0.0066	0.0038	0.0053
NE+4.35	B6	38	Viva.cub	1.9705	-0.475	0.009	0.0001	0.0066	0.0037	2.321E-05
NE+4.35	B6	38	Viva.cub	2.28	-0.475	0.009	0.0001	0.0066	0.0037	-0.0028
NE+4.35	B6	38	Viva.cub	2.28	-0.8153	-0.0268	-0.0019	0.002	-0.0071	-0.006
NE+4.35	B6	38	Viva.cub	2.5523	-0.8153	-0.0268	-0.0019	0.002	-0.0066	0.0013
NE+4.35	B6	38	Viva.cub	3.1341	-0.8153	-0.0268	-0.0019	0.002	-0.0055	0.0169
NE+4.35	B6	38	Viva.cub	3.7159	-0.8153	-0.0268	-0.0019	0.002	-0.0044	0.0325
NE+4.35	B6	38	Viva.cub	4.2977	-0.8153	-0.0268	-0.0019	0.002	-0.0033	0.0481
NE+4.35	B6	38	Viva.cub	4.57	-0.8153	-0.0268	-0.0019	0.002	-0.0028	0.0554
NE+4.35	B6	38	Viva.cub	4.57	-1.0286	-0.0661	-0.0011	-0.008	-0.0054	0.051
NE+4.35	B6	38	Viva.cub	4.8795	-1.0286	-0.0661	-0.0011	-0.008	-0.005	0.0715
NE+4.35	B6	38	Viva.cub	5.4614	-1.0286	-0.0661	-0.0011	-0.008	-0.0044	0.1099
NE+4.35	B6	38	Viva.cub	6.0432	-1.0286	-0.0661	-0.0011	-0.008	-0.0038	0.1484
NE+4.35	B6	38	Viva.cub	6.625	-1.0286	-0.0661	-0.0011	-0.008	-0.0032	0.1868
NE+4.35	B6	38	DISX-COMB Max	0.225	30.0665	6.8216	0.4048	0.1136	1.8211	17.3278
NE+4.35	B6	38	DISX-COMB Max	0.8068	30.0665	6.8216	0.4048	0.1136	1.6095	13.4692
NE+4.35	B6	38	DISX-COMB Max	1.3886	30.0665	6.8216	0.4048	0.1136	1.4054	9.7
NE+4.35	B6	38	DISX-COMB Max	1.9705	30.0665	6.8216	0.4048	0.1136	1.2129	6.186
NE+4.35	B6	38	DISX-COMB Max	2.28	30.0665	6.8216	0.4048	0.1136	1.1171	4.6268
NE+4.35	B6	38	DISX-COMB Max	2.28	64.3289	6.2765	1.686	0.388	1.905	5.3991
NE+4.35	B6	38	DISX-COMB Max	2.5523	64.3289	6.2765	1.686	0.388	1.4461	3.8896
NE+4.35	B6	38	DISX-COMB Max	3.1341	64.3289	6.2765	1.686	0.388	0.466	2.1782
NE+4.35	B6	38	DISX-COMB Max	3.7159	64.3289	6.2765	1.686	0.388	0.5175	4.5859
NE+4.35	B6	38	DISX-COMB Max	4.2977	64.3289	6.2765	1.686	0.388	1.4976	7.9992
NE+4.35	B6	38	DISX-COMB Max	4.57	64.3289	6.2765	1.686	0.388	1.9566	9.6567
NE+4.35	B6	38	DISX-COMB Max	4.57	159.63	5.2295	0.1411	0.5137	1.2614	9.1729
NE+4.35	B6	38	DISX-COMB Max	4.8795	159.63	5.2295	0.1411	0.5137	1.2799	10.0848
NE+4.35	B6	38	DISX-COMB Max	5.4614	159.63	5.2295	0.1411	0.5137	1.3178	12.2022
NE+4.35	B6	38	DISX-COMB Max	6.0432	159.63	5.2295	0.1411	0.5137	1.3597	14.6492
NE+4.35	B6	38	DISX-COMB Max	6.625	159.63	5.2295	0.1411	0.5137	1.4051	17.2864
NE+4.35	B6	38	DISY-COMB Max	0.225	17.6966	12.164	0.4788	0.5792	0.2403	14.9758
NE+4.35	B6	38	DISY-COMB Max	0.8068	17.6966	12.164	0.4788	0.5792	0.2075	7.937
NE+4.35	B6	38	DISY-COMB Max	1.3886	17.6966	12.164	0.4788	0.5792	0.4285	1.3763
NE+4.35	B6	38	DISY-COMB Max	1.9705	17.6966	12.164	0.4788	0.5792	0.6924	6.4005
NE+4.35	B6	38	DISY-COMB Max	2.28	17.6966	12.164	0.4788	0.5792	0.8366	10.1281
NE+4.35	B6	38	DISY-COMB Max	2.28	9.3068	0.6388	0.2931	0.188	0.3433	9.0076
NE+4.35	B6	38	DISY-COMB Max	2.5523	9.3068	0.6388	0.2931	0.188	0.2635	9.0061
NE+4.35	B6	38	DISY-COMB Max	3.1341	9.3068	0.6388	0.2931	0.188	0.0936	9.0141
NE+4.35	B6	38	DISY-COMB Max	3.7159	9.3068	0.6388	0.2931	0.188	0.0788	9.0374

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B6	38	DISY-COMB Max	4.2977	9.3068	0.6388	0.2931	0.188	0.2487	9.0759
NE+4.35	B6	38	DISY-COMB Max	4.57	9.3068	0.6388	0.2931	0.188	0.3284	9.0991
NE+4.35	B6	38	DISY-COMB Max	4.57	16.6989	11.9626	0.589	0.7777	0.4746	10.131
NE+4.35	B6	38	DISY-COMB Max	4.8795	16.6989	11.9626	0.589	0.7777	0.3091	6.4813
NE+4.35	B6	38	DISY-COMB Max	5.4614	16.6989	11.9626	0.589	0.7777	0.1781	1.5043
NE+4.35	B6	38	DISY-COMB Max	6.0432	16.6989	11.9626	0.589	0.7777	0.4503	7.7074
NE+4.35	B6	38	DISY-COMB Max	6.625	16.6989	11.9626	0.589	0.7777	0.7802	14.6092
NE+4.35	B6	38	B241	0.225	-17.5208	-30.9557	0.7317	0.3212	1.4893	-37.0345
NE+4.35	B6	38	B241	0.8068	-17.5208	-29.1963	0.7317	0.3212	1.0635	-19.5357
NE+4.35	B6	38	B241	1.3886	-17.5208	-27.4369	0.7317	0.3212	0.6378	-3.0606
NE+4.35	B6	38	B241	1.9705	-17.5208	-25.6774	0.7317	0.3212	0.2121	12.3908
NE+4.35	B6	38	B241	2.28	-17.5208	-24.7414	0.7317	0.3212	-0.0144	20.1942
NE+4.35	B6	38	B241	2.28	-81.3918	-4.6326	-0.1322	0.0076	-1.5752	18.6317
NE+4.35	B6	38	B241	2.5523	-81.3918	-3.8092	-0.1322	0.0076	-1.5392	19.7809
NE+4.35	B6	38	B241	3.1341	-81.3918	-2.0498	-0.1322	0.0076	-1.4623	21.4854
NE+4.35	B6	38	B241	3.7159	-81.3918	-0.2904	-0.1322	0.0076	-1.3854	22.1661
NE+4.35	B6	38	B241	4.2977	-81.3918	1.469	-0.1322	0.0076	-1.3085	21.8233
NE+4.35	B6	38	B241	4.57	-81.3918	2.2924	-0.1322	0.0076	-1.2725	21.3112
NE+4.35	B6	38	B241	4.57	-61.0398	22.6619	-1.1644	-0.2124	-0.6661	22.4827
NE+4.35	B6	38	B241	4.8795	-61.0398	23.598	-1.1644	-0.2124	-0.3056	15.323
NE+4.35	B6	38	B241	5.4614	-61.0398	25.3574	-1.1644	-0.2124	0.3718	1.0814
NE+4.35	B6	38	B241	6.0432	-61.0398	27.1168	-1.1644	-0.2124	1.0493	-14.1838
NE+4.35	B6	38	B241	6.625	-61.0398	28.8762	-1.1644	-0.2124	1.7267	-30.4727
NE+4.35	B6	38	B242	0.225	-25.9112	-51.1383	1.5449	0.0131	2.8395	-63.4676
NE+4.35	B6	38	B242	0.8068	-25.9112	-49.6302	1.5449	0.0131	1.9406	-34.1531
NE+4.35	B6	38	B242	1.3886	-25.9112	-48.1222	1.5449	0.0131	1.0418	-5.716
NE+4.35	B6	38	B242	1.9705	-25.9112	-46.6141	1.5449	0.0131	0.1429	21.8436
NE+4.35	B6	38	B242	2.28	-25.9112	-45.8118	1.5449	0.0131	-0.3353	36.1486
NE+4.35	B6	38	B242	2.28	-125.5284	-4.873	-0.1955	0.0743	-2.7349	33.4417
NE+4.35	B6	38	B242	2.5523	-125.5284	-4.1672	-0.1955	0.0743	-2.6816	34.6724
NE+4.35	B6	38	B242	3.1341	-125.5284	-2.6592	-0.1955	0.0743	-2.5679	36.6582
NE+4.35	B6	38	B242	3.7159	-125.5284	-1.1511	-0.1955	0.0743	-2.4542	37.7667
NE+4.35	B6	38	B242	4.2977	-125.5284	0.357	-0.1955	0.0743	-2.3404	37.9977
NE+4.35	B6	38	B242	4.57	-125.5284	1.0627	-0.1955	0.0743	-2.2872	37.8044
NE+4.35	B6	38	B242	4.57	-89.7766	42.2563	-2.1039	0.2018	-1.2533	39.8768
NE+4.35	B6	38	B242	4.8795	-89.7766	43.0586	-2.1039	0.2018	-0.602	26.6724
NE+4.35	B6	38	B242	5.4614	-89.7766	44.5667	-2.1039	0.2018	0.622	1.1814
NE+4.35	B6	38	B242	6.0432	-89.7766	46.0748	-2.1039	0.2018	1.8461	-25.187
NE+4.35	B6	38	B242	6.625	-89.7766	47.5828	-2.1039	0.2018	3.0702	-52.4328
NE+4.35	B34	39	Pprop	0.268	6.7797	-6.2291	-0.0618	-0.3547	-0.2136	-4.6788
NE+4.35	B34	39	Pprop	0.5341	7.062	-5.3418	-0.0618	-0.3547	-0.1972	-3.1393
NE+4.35	B34	39	Pprop	0.8002	7.3443	-4.4545	-0.0618	-0.3547	-0.1807	-1.8359
NE+4.35	B34	39	Pprop	1.0663	7.6267	-3.5673	-0.0618	-0.3547	-0.1643	-0.7686
NE+4.35	B34	39	Pprop	1.3324	7.909	-2.68	-0.0618	-0.3547	-0.1479	0.0626
NE+4.35	B34	39	Pprop	1.5985	8.1913	-1.7927	-0.0618	-0.3547	-0.1314	0.6576

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B34	39	Pprop	1.8646	8.4736	-0.9054	-0.0618	-0.3547	-0.115	1.0166
NE+4.35	B34	39	Pprop	2.1307	8.7559	-0.0181	-0.0618	-0.3547	-0.0985	1.1395
NE+4.35	B34	39	Pprop	2.3967	9.0383	0.8692	-0.0618	-0.3547	-0.0821	1.0262
NE+4.35	B34	39	Pprop	2.6628	9.3206	1.7565	-0.0618	-0.3547	-0.0657	0.6769
NE+4.35	B34	39	Pprop	2.9289	9.6029	2.6437	-0.0618	-0.3547	-0.0492	0.0915
NE+4.35	B34	39	Pprop	3.195	9.8852	3.531	-0.0618	-0.3547	-0.0328	-0.7301
NE+4.35	B34	39	Viva	0.268	7.2552	-15.7862	-0.1094	-0.6022	-0.3538	-7.8943
NE+4.35	B34	39	Viva	0.5341	8.0918	-13.1567	-0.1094	-0.6022	-0.3247	-4.0435
NE+4.35	B34	39	Viva	0.8002	8.9285	-10.5272	-0.1094	-0.6022	-0.2956	-0.8925
NE+4.35	B34	39	Viva	1.0663	9.7652	-7.8977	-0.1094	-0.6022	-0.2664	1.5589
NE+4.35	B34	39	Viva	1.3324	10.6018	-5.2682	-0.1094	-0.6022	-0.2373	3.3106
NE+4.35	B34	39	Viva	1.5985	11.4385	-2.6387	-0.1094	-0.6022	-0.2082	4.3626
NE+4.35	B34	39	Viva	1.8646	12.2751	-0.0092	-0.1094	-0.6022	-0.1791	4.7148
NE+4.35	B34	39	Viva	2.1307	13.1118	2.6203	-0.1094	-0.6022	-0.15	4.3674
NE+4.35	B34	39	Viva	2.3967	13.9485	5.2498	-0.1094	-0.6022	-0.1209	3.3203
NE+4.35	B34	39	Viva	2.6628	14.7851	7.8793	-0.1094	-0.6022	-0.0918	1.5735
NE+4.35	B34	39	Viva	2.9289	15.6218	10.5089	-0.1094	-0.6022	-0.0627	-0.873
NE+4.35	B34	39	Viva	3.195	16.4584	13.1384	-0.1094	-0.6022	-0.0336	-4.0192
NE+4.35	B34	39	Psup	0.268	11.9822	-19.5118	-0.1489	-0.5969	-0.4822	-11.2204
NE+4.35	B34	39	Psup	0.5341	12.9703	-16.4063	-0.1489	-0.5969	-0.4425	-6.4416
NE+4.35	B34	39	Psup	0.8002	13.9584	-13.3008	-0.1489	-0.5969	-0.4029	-2.4891
NE+4.35	B34	39	Psup	1.0663	14.9466	-10.1953	-0.1489	-0.5969	-0.3633	0.637
NE+4.35	B34	39	Psup	1.3324	15.9347	-7.0898	-0.1489	-0.5969	-0.3237	2.9367
NE+4.35	B34	39	Psup	1.5985	16.9228	-3.9843	-0.1489	-0.5969	-0.284	4.4101
NE+4.35	B34	39	Psup	1.8646	17.9109	-0.8788	-0.1489	-0.5969	-0.2444	5.0571
NE+4.35	B34	39	Psup	2.1307	18.899	2.2267	-0.1489	-0.5969	-0.2048	4.8778
NE+4.35	B34	39	Psup	2.3967	19.8871	5.3322	-0.1489	-0.5969	-0.1651	3.8721
NE+4.35	B34	39	Psup	2.6628	20.8752	8.4377	-0.1489	-0.5969	-0.1255	2.04
NE+4.35	B34	39	Psup	2.9289	21.8634	11.5432	-0.1489	-0.5969	-0.0859	-0.6184
NE+4.35	B34	39	Psup	3.195	22.8515	14.6487	-0.1489	-0.5969	-0.0463	-4.1031
NE+4.35	B34	39	Viva.cub	0.268	-4.9542	-0.3321	-0.0033	0.517	0.0664	-0.5598
NE+4.35	B34	39	Viva.cub	0.5341	-4.9542	-0.3321	-0.0033	0.517	0.0673	-0.4714
NE+4.35	B34	39	Viva.cub	0.8002	-4.9542	-0.3321	-0.0033	0.517	0.0682	-0.383
NE+4.35	B34	39	Viva.cub	1.0663	-4.9542	-0.3321	-0.0033	0.517	0.069	-0.2946
NE+4.35	B34	39	Viva.cub	1.3324	-4.9542	-0.3321	-0.0033	0.517	0.0699	-0.2062
NE+4.35	B34	39	Viva.cub	1.5985	-4.9542	-0.3321	-0.0033	0.517	0.0708	-0.1179
NE+4.35	B34	39	Viva.cub	1.8646	-4.9542	-0.3321	-0.0033	0.517	0.0716	-0.0295
NE+4.35	B34	39	Viva.cub	2.1307	-4.9542	-0.3321	-0.0033	0.517	0.0725	0.0589
NE+4.35	B34	39	Viva.cub	2.3967	-4.9542	-0.3321	-0.0033	0.517	0.0734	0.1473
NE+4.35	B34	39	Viva.cub	2.6628	-4.9542	-0.3321	-0.0033	0.517	0.0742	0.2357
NE+4.35	B34	39	Viva.cub	2.9289	-4.9542	-0.3321	-0.0033	0.517	0.0751	0.324
NE+4.35	B34	39	Viva.cub	3.195	-4.9542	-0.3321	-0.0033	0.517	0.076	0.4124
NE+4.35	B34	39	DISX-COMB Max	0.268	123.3572	12.6825	0.7211	3.7814	3.9582	22.8444
NE+4.35	B34	39	DISX-COMB Max	0.5341	123.3572	12.6825	0.7211	3.7814	3.7679	19.4837
NE+4.35	B34	39	DISX-COMB Max	0.8002	123.3572	12.6825	0.7211	3.7814	3.5778	16.1288

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B34	39	DISX-COMB Max	1.0663	123.3572	12.6825	0.7211	3.7814	3.3878	12.7845
NE+4.35	B34	39	DISX-COMB Max	1.3324	123.3572	12.6825	0.7211	3.7814	3.1981	9.4617
NE+4.35	B34	39	DISX-COMB Max	1.5985	123.3572	12.6825	0.7211	3.7814	3.0087	6.1954
NE+4.35	B34	39	DISX-COMB Max	1.8646	123.3572	12.6825	0.7211	3.7814	2.8195	3.1654
NE+4.35	B34	39	DISX-COMB Max	2.1307	123.3572	12.6825	0.7211	3.7814	2.6308	2.1057
NE+4.35	B34	39	DISX-COMB Max	2.3967	123.3572	12.6825	0.7211	3.7814	2.4426	4.6504
NE+4.35	B34	39	DISX-COMB Max	2.6628	123.3572	12.6825	0.7211	3.7814	2.255	7.8483
NE+4.35	B34	39	DISX-COMB Max	2.9289	123.3572	12.6825	0.7211	3.7814	2.0682	11.1509
NE+4.35	B34	39	DISX-COMB Max	3.195	123.3572	12.6825	0.7211	3.7814	1.8824	14.4868
NE+4.35	B34	39	DISY-COMB Max	0.268	177.428	32.1833	0.4427	0.4572	0.8438	60.5581
NE+4.35	B34	39	DISY-COMB Max	0.5341	177.428	32.1833	0.4427	0.4572	0.7537	51.9944
NE+4.35	B34	39	DISY-COMB Max	0.8002	177.428	32.1833	0.4427	0.4572	0.6722	43.4308
NE+4.35	B34	39	DISY-COMB Max	1.0663	177.428	32.1833	0.4427	0.4572	0.6029	34.8672
NE+4.35	B34	39	DISY-COMB Max	1.3324	177.428	32.1833	0.4427	0.4572	0.5503	26.3037
NE+4.35	B34	39	DISY-COMB Max	1.5985	177.428	32.1833	0.4427	0.4572	0.5196	17.7406
NE+4.35	B34	39	DISY-COMB Max	1.8646	177.428	32.1833	0.4427	0.4572	0.5146	9.1786
NE+4.35	B34	39	DISY-COMB Max	2.1307	177.428	32.1833	0.4427	0.4572	0.5361	0.6645
NE+4.35	B34	39	DISY-COMB Max	2.3967	177.428	32.1833	0.4427	0.4572	0.5812	7.957
NE+4.35	B34	39	DISY-COMB Max	2.6628	177.428	32.1833	0.4427	0.4572	0.645	16.5185
NE+4.35	B34	39	DISY-COMB Max	2.9289	177.428	32.1833	0.4427	0.4572	0.7224	25.0816
NE+4.35	B34	39	DISY-COMB Max	3.195	177.428	32.1833	0.4427	0.4572	0.8096	33.645
NE+4.35	B34	39	B241	0.268	24.321	-33.3678	-0.2732	-1.2336	-0.902	-20.61
NE+4.35	B34	39	B241	0.5341	25.9679	-28.192	-0.2732	-1.2336	-0.8293	-12.4196
NE+4.35	B34	39	B241	0.8002	27.6147	-23.0162	-0.2732	-1.2336	-0.7566	-5.6065
NE+4.35	B34	39	B241	1.0663	29.2616	-17.8403	-0.2732	-1.2336	-0.6839	-0.1707
NE+4.35	B34	39	B241	1.3324	30.9084	-12.6645	-0.2732	-1.2336	-0.6112	3.8879
NE+4.35	B34	39	B241	1.5985	32.5553	-7.4887	-0.2732	-1.2336	-0.5385	6.5692
NE+4.35	B34	39	B241	1.8646	34.2022	-2.3128	-0.2732	-1.2336	-0.4659	7.8733
NE+4.35	B34	39	B241	2.1307	35.849	2.863	-0.2732	-1.2336	-0.3932	7.8001
NE+4.35	B34	39	B241	2.3967	37.4959	8.0388	-0.2732	-1.2336	-0.3205	6.3497
NE+4.35	B34	39	B241	2.6628	39.1427	13.2147	-0.2732	-1.2336	-0.2478	3.5219
NE+4.35	B34	39	B241	2.9289	40.7896	18.3905	-0.2732	-1.2336	-0.1751	-0.683
NE+4.35	B34	39	B241	3.195	42.4364	23.5663	-0.2732	-1.2336	-0.1024	-6.2653
NE+4.35	B34	39	B242	0.268	29.9778	-54.0249	-0.4108	-1.7623	-1.3059	-30.5765
NE+4.35	B34	39	B242	0.5341	32.728	-45.3813	-0.4108	-1.7623	-1.1966	-17.3507
NE+4.35	B34	39	B242	0.8002	35.4783	-36.7377	-0.4108	-1.7623	-1.0873	-6.425
NE+4.35	B34	39	B242	1.0663	38.2285	-28.094	-0.4108	-1.7623	-0.978	2.2006
NE+4.35	B34	39	B242	1.3324	40.9788	-19.4504	-0.4108	-1.7623	-0.8687	8.5263
NE+4.35	B34	39	B242	1.5985	43.729	-10.8068	-0.4108	-1.7623	-0.7594	12.5519
NE+4.35	B34	39	B242	1.8646	46.4793	-2.1632	-0.4108	-1.7623	-0.6501	14.2776
NE+4.35	B34	39	B242	2.1307	49.2295	6.4805	-0.4108	-1.7623	-0.5408	13.7031
NE+4.35	B34	39	B242	2.3967	51.9797	15.1241	-0.4108	-1.7623	-0.4315	10.8287
NE+4.35	B34	39	B242	2.6628	54.73	23.7677	-0.4108	-1.7623	-0.3222	5.6543
NE+4.35	B34	39	B242	2.9289	57.4802	32.4114	-0.4108	-1.7623	-0.2128	-1.8202
NE+4.35	B34	39	B242	3.195	60.2305	41.055	-0.4108	-1.7623	-0.1035	-11.5947

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B35	40	Pprop	0.268	-13.1906	-7.5733	0.0435	-0.155	-0.0382	-6.4036
NE+4.35	B35	40	Pprop	0.536	-12.9063	-6.6798	0.0435	-0.155	-0.0499	-4.4939
NE+4.35	B35	40	Pprop	0.8039	-12.622	-5.7863	0.0435	-0.155	-0.0615	-2.8237
NE+4.35	B35	40	Pprop	1.0719	-12.3377	-4.8927	0.0435	-0.155	-0.0732	-1.3928
NE+4.35	B35	40	Pprop	1.3399	-12.0534	-3.9992	0.0435	-0.155	-0.0849	-0.2015
NE+4.35	B35	40	Pprop	1.6078	-11.7691	-3.1057	0.0435	-0.155	-0.0965	0.7505
NE+4.35	B35	40	Pprop	1.8758	-11.4848	-2.2121	0.0435	-0.155	-0.1082	1.463
NE+4.35	B35	40	Pprop	2.1438	-11.2005	-1.3186	0.0435	-0.155	-0.1199	1.936
NE+4.35	B35	40	Pprop	2.4117	-10.9162	-0.4251	0.0435	-0.155	-0.1315	2.1697
NE+4.35	B35	40	Pprop	2.6797	-10.6319	0.4685	0.0435	-0.155	-0.1432	2.1638
NE+4.35	B35	40	Pprop	2.9477	-10.3475	1.362	0.0435	-0.155	-0.1548	1.9186
NE+4.35	B35	40	Pprop	3.2156	-10.0632	2.2555	0.0435	-0.155	-0.1665	1.4339
NE+4.35	B35	40	Viva	0.268	-34.1063	-22.1524	0.1039	-0.3926	-0.0574	-10.9845
NE+4.35	B35	40	Viva	0.536	-33.0074	-18.6988	0.1039	-0.3926	-0.0852	-5.511
NE+4.35	B35	40	Viva	0.8039	-31.9085	-15.2451	0.1039	-0.3926	-0.1131	-0.9631
NE+4.35	B35	40	Viva	1.0719	-30.8096	-11.7914	0.1039	-0.3926	-0.1409	2.6594
NE+4.35	B35	40	Viva	1.3399	-29.7107	-8.3378	0.1039	-0.3926	-0.1687	5.3563
NE+4.35	B35	40	Viva	1.6078	-28.6118	-4.8841	0.1039	-0.3926	-0.1966	7.1279
NE+4.35	B35	40	Viva	1.8758	-27.5129	-1.4304	0.1039	-0.3926	-0.2244	7.9739
NE+4.35	B35	40	Viva	2.1438	-26.414	2.0232	0.1039	-0.3926	-0.2523	7.8945
NE+4.35	B35	40	Viva	2.4117	-25.3151	5.4769	0.1039	-0.3926	-0.2801	6.8896
NE+4.35	B35	40	Viva	2.6797	-24.2162	8.9305	0.1039	-0.3926	-0.3079	4.9592
NE+4.35	B35	40	Viva	2.9477	-23.1173	12.3842	0.1039	-0.3926	-0.3358	2.1034
NE+4.35	B35	40	Viva	3.2156	-22.0185	15.8379	0.1039	-0.3926	-0.3636	-1.6779
NE+4.35	B35	40	Psup	0.268	-30.6559	-24.0654	0.091	-0.3952	-0.1121	-14.4291
NE+4.35	B35	40	Psup	0.536	-29.5484	-20.5848	0.091	-0.3952	-0.1365	-8.4467
NE+4.35	B35	40	Psup	0.8039	-28.441	-17.1041	0.091	-0.3952	-0.1609	-3.3969
NE+4.35	B35	40	Psup	1.0719	-27.3335	-13.6235	0.091	-0.3952	-0.1853	0.7201
NE+4.35	B35	40	Psup	1.3399	-26.226	-10.1428	0.091	-0.3952	-0.2096	3.9044
NE+4.35	B35	40	Psup	1.6078	-25.1185	-6.6622	0.091	-0.3952	-0.234	6.156
NE+4.35	B35	40	Psup	1.8758	-24.011	-3.1815	0.091	-0.3952	-0.2584	7.4749
NE+4.35	B35	40	Psup	2.1438	-22.9036	0.2991	0.091	-0.3952	-0.2828	7.8611
NE+4.35	B35	40	Psup	2.4117	-21.7961	3.7798	0.091	-0.3952	-0.3071	7.3146
NE+4.35	B35	40	Psup	2.6797	-20.6886	7.2604	0.091	-0.3952	-0.3315	5.8354
NE+4.35	B35	40	Psup	2.9477	-19.5811	10.7411	0.091	-0.3952	-0.3559	3.4234
NE+4.35	B35	40	Psup	3.2156	-18.4737	14.2217	0.091	-0.3952	-0.3803	0.0788
NE+4.35	B35	40	Viva.cub	0.268	-0.1297	-0.2207	0.0187	-0.0845	0.0245	-0.5217
NE+4.35	B35	40	Viva.cub	0.536	-0.1297	-0.2207	0.0187	-0.0845	0.0195	-0.4626
NE+4.35	B35	40	Viva.cub	0.8039	-0.1297	-0.2207	0.0187	-0.0845	0.0145	-0.4034
NE+4.35	B35	40	Viva.cub	1.0719	-0.1297	-0.2207	0.0187	-0.0845	0.0094	-0.3443
NE+4.35	B35	40	Viva.cub	1.3399	-0.1297	-0.2207	0.0187	-0.0845	0.0044	-0.2851
NE+4.35	B35	40	Viva.cub	1.6078	-0.1297	-0.2207	0.0187	-0.0845	-0.0006	-0.226
NE+4.35	B35	40	Viva.cub	1.8758	-0.1297	-0.2207	0.0187	-0.0845	-0.0056	-0.1668
NE+4.35	B35	40	Viva.cub	2.1438	-0.1297	-0.2207	0.0187	-0.0845	-0.0106	-0.1077
NE+4.35	B35	40	Viva.cub	2.4117	-0.1297	-0.2207	0.0187	-0.0845	-0.0157	-0.0485

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B35	40	Viva.cub	2.6797	-0.1297	-0.2207	0.0187	-0.0845	-0.0207	0.0106
NE+4.35	B35	40	Viva.cub	2.9477	-0.1297	-0.2207	0.0187	-0.0845	-0.0257	0.0698
NE+4.35	B35	40	Viva.cub	3.2156	-0.1297	-0.2207	0.0187	-0.0845	-0.0307	0.129
NE+4.35	B35	40	DISX-COMB Max	0.268	35.6551	9.612	0.9181	5.8245	4.9899	19.0219
NE+4.35	B35	40	DISX-COMB Max	0.536	35.6551	9.612	0.9181	5.8245	4.7451	16.4573
NE+4.35	B35	40	DISX-COMB Max	0.8039	35.6551	9.612	0.9181	5.8245	4.5004	13.8967
NE+4.35	B35	40	DISX-COMB Max	1.0719	35.6551	9.612	0.9181	5.8245	4.2558	11.343
NE+4.35	B35	40	DISX-COMB Max	1.3399	35.6551	9.612	0.9181	5.8245	4.0114	8.8021
NE+4.35	B35	40	DISX-COMB Max	1.6078	35.6551	9.612	0.9181	5.8245	3.7673	6.2896
NE+4.35	B35	40	DISX-COMB Max	1.8758	35.6551	9.612	0.9181	5.8245	3.5233	3.8614
NE+4.35	B35	40	DISX-COMB Max	2.1438	35.6551	9.612	0.9181	5.8245	3.2797	1.8787
NE+4.35	B35	40	DISX-COMB Max	2.4117	35.6551	9.612	0.9181	5.8245	3.0365	2.3275
NE+4.35	B35	40	DISX-COMB Max	2.6797	35.6551	9.612	0.9181	5.8245	2.7938	4.5358
NE+4.35	B35	40	DISX-COMB Max	2.9477	35.6551	9.612	0.9181	5.8245	2.5518	6.9999
NE+4.35	B35	40	DISX-COMB Max	3.2156	35.6551	9.612	0.9181	5.8245	2.3105	9.5233
NE+4.35	B35	40	DISY-COMB Max	0.268	121.6296	39.6034	0.1686	1.0321	0.9904	78.1267
NE+4.35	B35	40	DISY-COMB Max	0.536	121.6296	39.6034	0.1686	1.0321	0.9584	67.5153
NE+4.35	B35	40	DISY-COMB Max	0.8039	121.6296	39.6034	0.1686	1.0321	0.9275	56.9043
NE+4.35	B35	40	DISY-COMB Max	1.0719	121.6296	39.6034	0.1686	1.0321	0.8977	46.2939
NE+4.35	B35	40	DISY-COMB Max	1.3399	121.6296	39.6034	0.1686	1.0321	0.8693	35.6849
NE+4.35	B35	40	DISY-COMB Max	1.6078	121.6296	39.6034	0.1686	1.0321	0.8424	25.0787
NE+4.35	B35	40	DISY-COMB Max	1.8758	121.6296	39.6034	0.1686	1.0321	0.817	14.4816
NE+4.35	B35	40	DISY-COMB Max	2.1438	121.6296	39.6034	0.1686	1.0321	0.7935	3.9676
NE+4.35	B35	40	DISY-COMB Max	2.4117	121.6296	39.6034	0.1686	1.0321	0.7718	6.8567
NE+4.35	B35	40	DISY-COMB Max	2.6797	121.6296	39.6034	0.1686	1.0321	0.7523	17.4223
NE+4.35	B35	40	DISY-COMB Max	2.9477	121.6296	39.6034	0.1686	1.0321	0.735	28.0233
NE+4.35	B35	40	DISY-COMB Max	3.2156	121.6296	39.6034	0.1686	1.0321	0.7201	38.6306
NE+4.35	B35	40	B241	0.268	-56.8381	-41.0132	0.1743	-0.7132	-0.1949	-27.0053
NE+4.35	B35	40	B241	0.536	-55.0339	-35.343	0.1743	-0.7132	-0.2416	-16.7748
NE+4.35	B35	40	B241	0.8039	-53.2298	-29.6727	0.1743	-0.7132	-0.2884	-8.0637
NE+4.35	B35	40	B241	1.0719	-51.4256	-24.0025	0.1743	-0.7132	-0.3351	-0.8721
NE+4.35	B35	40	B241	1.3399	-49.6214	-18.3322	0.1743	-0.7132	-0.3818	4.8001
NE+4.35	B35	40	B241	1.6078	-47.8173	-12.662	0.1743	-0.7132	-0.4285	8.9528
NE+4.35	B35	40	B241	1.8758	-46.0131	-6.9918	0.1743	-0.7132	-0.4752	11.5861
NE+4.35	B35	40	B241	2.1438	-44.2089	-1.3215	0.1743	-0.7132	-0.5219	12.7
NE+4.35	B35	40	B241	2.4117	-42.4048	4.3487	0.1743	-0.7132	-0.5686	12.2944
NE+4.35	B35	40	B241	2.6797	-40.6006	10.0189	0.1743	-0.7132	-0.6153	10.3693
NE+4.35	B35	40	B241	2.9477	-38.7964	15.6892	0.1743	-0.7132	-0.6621	6.9249
NE+4.35	B35	40	B241	3.2156	-36.9923	21.3594	0.1743	-0.7132	-0.7088	1.9609
NE+4.35	B35	40	B242	0.268	-103.3533	-70.7084	0.325	-1.2819	-0.2466	-40.9834
NE+4.35	B35	40	B242	0.536	-100.0486	-60.3223	0.325	-1.2819	-0.3337	-23.4274
NE+4.35	B35	40	B242	0.8039	-96.7439	-49.9363	0.325	-1.2819	-0.4208	-8.6545
NE+4.35	B35	40	B242	1.0719	-93.4393	-39.5502	0.325	-1.2819	-0.5079	3.3353
NE+4.35	B35	40	B242	1.3399	-90.1346	-29.1642	0.325	-1.2819	-0.595	12.542
NE+4.35	B35	40	B242	1.6078	-86.83	-18.7781	0.325	-1.2819	-0.6821	18.9655

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B35	40	B242	1.8758	-83.5253	-8.392	0.325	-1.2819	-0.7692	22.6058
NE+4.35	B35	40	B242	2.1438	-80.2207	1.994	0.325	-1.2819	-0.8563	23.463
NE+4.35	B35	40	B242	2.4117	-76.916	12.3801	0.325	-1.2819	-0.9434	21.5371
NE+4.35	B35	40	B242	2.6797	-73.6113	22.7662	0.325	-1.2819	-1.0305	16.8281
NE+4.35	B35	40	B242	2.9477	-70.3067	33.1522	0.325	-1.2819	-1.1176	9.3359
NE+4.35	B35	40	B242	3.2156	-67.002	43.5383	0.325	-1.2819	-1.2047	-0.9394
NE+4.35	B36	41	Pprop	0.268	-22.9414	-7.6389	-0.0135	-0.0034	-0.0333	-6.6063
NE+4.35	B36	41	Pprop	0.5341	-22.6591	-6.7516	-0.0135	-0.0034	-0.0297	-4.6917
NE+4.35	B36	41	Pprop	0.8002	-22.3767	-5.8643	-0.0135	-0.0034	-0.0261	-3.0132
NE+4.35	B36	41	Pprop	1.0663	-22.0944	-4.977	-0.0135	-0.0034	-0.0226	-1.5708
NE+4.35	B36	41	Pprop	1.3324	-21.8121	-4.0898	-0.0135	-0.0034	-0.019	-0.3645
NE+4.35	B36	41	Pprop	1.5985	-21.5298	-3.2025	-0.0135	-0.0034	-0.0154	0.6057
NE+4.35	B36	41	Pprop	1.8646	-21.2475	-2.3152	-0.0135	-0.0034	-0.0118	1.3398
NE+4.35	B36	41	Pprop	2.1307	-20.9652	-1.4279	-0.0135	-0.0034	-0.0082	1.8378
NE+4.35	B36	41	Pprop	2.3967	-20.6828	-0.5406	-0.0135	-0.0034	-0.0046	2.0997
NE+4.35	B36	41	Pprop	2.6628	-20.4005	0.3467	-0.0135	-0.0034	-0.001	2.1255
NE+4.35	B36	41	Pprop	2.9289	-20.1182	1.234	-0.0135	-0.0034	0.0026	1.9153
NE+4.35	B36	41	Pprop	3.195	-19.8359	2.1212	-0.0135	-0.0034	0.0062	1.4689
NE+4.35	B36	41	Viva	0.268	-55.5566	-23.0525	0.0103	-0.0723	0.0081	-10.7423
NE+4.35	B36	41	Viva	0.5341	-54.3827	-19.3631	0.0103	-0.0723	0.0054	-5.099
NE+4.35	B36	41	Viva	0.8002	-53.2087	-15.6737	0.0103	-0.0723	0.0026	-0.4374
NE+4.35	B36	41	Viva	1.0663	-52.0348	-11.9843	0.0103	-0.0723	-0.0001	3.2424
NE+4.35	B36	41	Viva	1.3324	-50.8609	-8.2949	0.0103	-0.0723	-0.0028	5.9405
NE+4.35	B36	41	Viva	1.5985	-49.687	-4.6055	0.0103	-0.0723	-0.0055	7.6568
NE+4.35	B36	41	Viva	1.8646	-48.5131	-0.916	0.0103	-0.0723	-0.0083	8.3914
NE+4.35	B36	41	Viva	2.1307	-47.3392	2.7734	0.0103	-0.0723	-0.011	8.1443
NE+4.35	B36	41	Viva	2.3967	-46.1653	6.4628	0.0103	-0.0723	-0.0137	6.9155
NE+4.35	B36	41	Viva	2.6628	-44.9914	10.1522	0.0103	-0.0723	-0.0165	4.7049
NE+4.35	B36	41	Viva	2.9289	-43.8175	13.8416	0.0103	-0.0723	-0.0192	1.5126
NE+4.35	B36	41	Viva	3.195	-42.6436	17.531	0.0103	-0.0723	-0.0219	-2.6615
NE+4.35	B36	41	Psup	0.268	-48.8512	-25.7705	-0.0242	0.0162	-0.0631	-15.7567
NE+4.35	B36	41	Psup	0.5341	-47.6765	-22.0784	-0.0242	0.0162	-0.0566	-9.3906
NE+4.35	B36	41	Psup	0.8002	-46.5017	-18.3863	-0.0242	0.0162	-0.0502	-4.0068
NE+4.35	B36	41	Psup	1.0663	-45.327	-14.6942	-0.0242	0.0162	-0.0438	0.3944
NE+4.35	B36	41	Psup	1.3324	-44.1522	-11.0021	-0.0242	0.0162	-0.0373	3.8132
NE+4.35	B36	41	Psup	1.5985	-42.9774	-7.31	-0.0242	0.0162	-0.0309	6.2496
NE+4.35	B36	41	Psup	1.8646	-41.8027	-3.6179	-0.0242	0.0162	-0.0245	7.7035
NE+4.35	B36	41	Psup	2.1307	-40.6279	0.0742	-0.0242	0.0162	-0.0181	8.175
NE+4.35	B36	41	Psup	2.3967	-39.4532	3.7663	-0.0242	0.0162	-0.0116	7.664
NE+4.35	B36	41	Psup	2.6628	-38.2784	7.4584	-0.0242	0.0162	-0.0052	6.1706
NE+4.35	B36	41	Psup	2.9289	-37.1037	11.1505	-0.0242	0.0162	0.0012	3.6948
NE+4.35	B36	41	Psup	3.195	-35.9289	14.8426	-0.0242	0.0162	0.0077	0.2365
NE+4.35	B36	41	Viva.cub	0.268	-0.9677	-0.2318	-0.0003	-0.0098	-0.0053	-0.492
NE+4.35	B36	41	Viva.cub	0.5341	-0.9677	-0.2318	-0.0003	-0.0098	-0.0053	-0.4303
NE+4.35	B36	41	Viva.cub	0.8002	-0.9677	-0.2318	-0.0003	-0.0098	-0.0052	-0.3686

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B36	41	Viva.cub	1.0663	-0.9677	-0.2318	-0.0003	-0.0098	-0.0051	-0.307
NE+4.35	B36	41	Viva.cub	1.3324	-0.9677	-0.2318	-0.0003	-0.0098	-0.005	-0.2453
NE+4.35	B36	41	Viva.cub	1.5985	-0.9677	-0.2318	-0.0003	-0.0098	-0.0049	-0.1836
NE+4.35	B36	41	Viva.cub	1.8646	-0.9677	-0.2318	-0.0003	-0.0098	-0.0049	-0.1219
NE+4.35	B36	41	Viva.cub	2.1307	-0.9677	-0.2318	-0.0003	-0.0098	-0.0048	-0.0602
NE+4.35	B36	41	Viva.cub	2.3967	-0.9677	-0.2318	-0.0003	-0.0098	-0.0047	0.0015
NE+4.35	B36	41	Viva.cub	2.6628	-0.9677	-0.2318	-0.0003	-0.0098	-0.0046	0.0632
NE+4.35	B36	41	Viva.cub	2.9289	-0.9677	-0.2318	-0.0003	-0.0098	-0.0045	0.1248
NE+4.35	B36	41	Viva.cub	3.195	-0.9677	-0.2318	-0.0003	-0.0098	-0.0044	0.1865
NE+4.35	B36	41	DISX-COMB Max	0.268	24.1082	5.4376	1.4539	5.0679	5.5362	10.4256
NE+4.35	B36	41	DISX-COMB Max	0.5341	24.1082	5.4376	1.4539	5.0679	5.1494	8.9791
NE+4.35	B36	41	DISX-COMB Max	0.8002	24.1082	5.4376	1.4539	5.0679	4.7626	7.5328
NE+4.35	B36	41	DISX-COMB Max	1.0663	24.1082	5.4376	1.4539	5.0679	4.3758	6.0868
NE+4.35	B36	41	DISX-COMB Max	1.3324	24.1082	5.4376	1.4539	5.0679	3.9891	4.6414
NE+4.35	B36	41	DISX-COMB Max	1.5985	24.1082	5.4376	1.4539	5.0679	3.6024	3.1973
NE+4.35	B36	41	DISX-COMB Max	1.8646	24.1082	5.4376	1.4539	5.0679	3.2157	1.7578
NE+4.35	B36	41	DISX-COMB Max	2.1307	24.1082	5.4376	1.4539	5.0679	2.829	0.3797
NE+4.35	B36	41	DISX-COMB Max	2.3967	24.1082	5.4376	1.4539	5.0679	2.4424	1.1771
NE+4.35	B36	41	DISX-COMB Max	2.6628	24.1082	5.4376	1.4539	5.0679	2.056	2.6104
NE+4.35	B36	41	DISX-COMB Max	2.9289	24.1082	5.4376	1.4539	5.0679	1.6697	4.0534
NE+4.35	B36	41	DISX-COMB Max	3.195	24.1082	5.4376	1.4539	5.0679	1.2838	5.4984
NE+4.35	B36	41	DISY-COMB Max	0.268	197.2638	46.9036	0.2679	0.8536	1.0801	90.6735
NE+4.35	B36	41	DISY-COMB Max	0.5341	197.2638	46.9036	0.2679	0.8536	1.0088	78.1928
NE+4.35	B36	41	DISY-COMB Max	0.8002	197.2638	46.9036	0.2679	0.8536	0.9376	65.7122
NE+4.35	B36	41	DISY-COMB Max	1.0663	197.2638	46.9036	0.2679	0.8536	0.8664	53.2315
NE+4.35	B36	41	DISY-COMB Max	1.3324	197.2638	46.9036	0.2679	0.8536	0.7951	40.751
NE+4.35	B36	41	DISY-COMB Max	1.5985	197.2638	46.9036	0.2679	0.8536	0.7239	28.2706
NE+4.35	B36	41	DISY-COMB Max	1.8646	197.2638	46.9036	0.2679	0.8536	0.6527	15.791
NE+4.35	B36	41	DISY-COMB Max	2.1307	197.2638	46.9036	0.2679	0.8536	0.5816	3.32
NE+4.35	B36	41	DISY-COMB Max	2.3967	197.2638	46.9036	0.2679	0.8536	0.5104	9.1777
NE+4.35	B36	41	DISY-COMB Max	2.6628	197.2638	46.9036	0.2679	0.8536	0.4393	21.6558
NE+4.35	B36	41	DISY-COMB Max	2.9289	197.2638	46.9036	0.2679	0.8536	0.3683	34.1359
NE+4.35	B36	41	DISY-COMB Max	3.195	197.2638	46.9036	0.2679	0.8536	0.2974	46.6164
NE+4.35	B36	41	B241	0.268	-93.0645	-43.3084	-0.0488	0.0167	-0.125	-28.9891
NE+4.35	B36	41	B241	0.5341	-91.1757	-37.3722	-0.0488	0.0167	-0.112	-18.2548
NE+4.35	B36	41	B241	0.8002	-89.2869	-31.436	-0.0488	0.0167	-0.099	-9.1001
NE+4.35	B36	41	B241	1.0663	-87.3981	-25.4997	-0.0488	0.0167	-0.086	-1.5249
NE+4.35	B36	41	B241	1.3324	-85.5093	-19.5635	-0.0488	0.0167	-0.073	4.4706
NE+4.35	B36	41	B241	1.5985	-83.6205	-13.6273	-0.0488	0.0167	-0.06	8.8865
NE+4.35	B36	41	B241	1.8646	-81.7317	-7.691	-0.0488	0.0167	-0.047	11.7229
NE+4.35	B36	41	B241	2.1307	-79.8429	-1.7548	-0.0488	0.0167	-0.034	12.9796
NE+4.35	B36	41	B241	2.3967	-77.9541	4.1814	-0.0488	0.0167	-0.021	12.6568
NE+4.35	B36	41	B241	2.6628	-76.0653	10.1177	-0.0488	0.0167	-0.008	10.7543
NE+4.35	B36	41	B241	2.9289	-74.1765	16.0539	-0.0488	0.0167	0.005	7.2723
NE+4.35	B36	41	B241	3.195	-72.2877	21.9901	-0.0488	0.0167	0.018	2.2106

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B36	41	B242	0.268	-169.1439	-74.1215	-0.0256	-0.1063	-0.0968	-42.2815
NE+4.35	B36	41	B242	0.5341	-165.6467	-63.1302	-0.0256	-0.1063	-0.09	-24.0205
NE+4.35	B36	41	B242	0.8002	-162.1495	-52.139	-0.0256	-0.1063	-0.0832	-8.6843
NE+4.35	B36	41	B242	1.0663	-158.6523	-41.1477	-0.0256	-0.1063	-0.0764	3.7272
NE+4.35	B36	41	B242	1.3324	-155.155	-30.1564	-0.0256	-0.1063	-0.0696	13.214
NE+4.35	B36	41	B242	1.5985	-151.6578	-19.1652	-0.0256	-0.1063	-0.0628	19.7761
NE+4.35	B36	41	B242	1.8646	-148.1606	-8.1739	-0.0256	-0.1063	-0.0559	23.4135
NE+4.35	B36	41	B242	2.1307	-144.6634	2.8174	-0.0256	-0.1063	-0.0491	24.1262
NE+4.35	B36	41	B242	2.3967	-141.1661	13.8086	-0.0256	-0.1063	-0.0423	21.9141
NE+4.35	B36	41	B242	2.6628	-137.6689	24.7999	-0.0256	-0.1063	-0.0355	16.7774
NE+4.35	B36	41	B242	2.9289	-134.1717	35.7912	-0.0256	-0.1063	-0.0287	8.7159
NE+4.35	B36	41	B242	3.195	-130.6745	46.7824	-0.0256	-0.1063	-0.0219	-2.2703
NE+4.35	B37	42	Pprop	0.268	-20.3874	-7.3311	-0.0289	0.0088	0.0295	-6.2551
NE+4.35	B37	42	Pprop	0.5341	-20.1051	-6.4438	-0.0289	0.0088	0.0372	-4.4224
NE+4.35	B37	42	Pprop	0.8002	-19.8228	-5.5566	-0.0289	0.0088	0.0449	-2.8258
NE+4.35	B37	42	Pprop	1.0663	-19.5405	-4.6693	-0.0289	0.0088	0.0526	-1.4653
NE+4.35	B37	42	Pprop	1.3324	-19.2581	-3.782	-0.0289	0.0088	0.0603	-0.3408
NE+4.35	B37	42	Pprop	1.5985	-18.9758	-2.8947	-0.0289	0.0088	0.068	0.5475
NE+4.35	B37	42	Pprop	1.8646	-18.6935	-2.0074	-0.0289	0.0088	0.0757	1.1997
NE+4.35	B37	42	Pprop	2.1307	-18.4112	-1.1201	-0.0289	0.0088	0.0834	1.6158
NE+4.35	B37	42	Pprop	2.3967	-18.1289	-0.2328	-0.0289	0.0088	0.0911	1.7958
NE+4.35	B37	42	Pprop	2.6628	-17.8465	0.6544	-0.0289	0.0088	0.0988	1.7397
NE+4.35	B37	42	Pprop	2.9289	-17.5642	1.5417	-0.0289	0.0088	0.1065	1.4475
NE+4.35	B37	42	Pprop	3.195	-17.2819	2.429	-0.0289	0.0088	0.1142	0.9192
NE+4.35	B37	42	Viva	0.268	-57.3128	-22.6234	-0.1022	0.3447	0.0318	-10.0408
NE+4.35	B37	42	Viva	0.5341	-56.1268	-18.8959	-0.1022	0.3447	0.059	-4.5167
NE+4.35	B37	42	Viva	0.8002	-54.9408	-15.1685	-0.1022	0.3447	0.0862	0.0154
NE+4.35	B37	42	Viva	1.0663	-53.7548	-11.441	-0.1022	0.3447	0.1134	3.5558
NE+4.35	B37	42	Viva	1.3324	-52.5688	-7.7136	-0.1022	0.3447	0.1405	6.1042
NE+4.35	B37	42	Viva	1.5985	-51.3828	-3.9861	-0.1022	0.3447	0.1677	7.6608
NE+4.35	B37	42	Viva	1.8646	-50.1968	-0.2587	-0.1022	0.3447	0.1949	8.2256
NE+4.35	B37	42	Viva	2.1307	-49.0108	3.4688	-0.1022	0.3447	0.2221	7.7985
NE+4.35	B37	42	Viva	2.3967	-47.8248	7.1962	-0.1022	0.3447	0.2493	6.3796
NE+4.35	B37	42	Viva	2.6628	-46.6388	10.9237	-0.1022	0.3447	0.2765	3.9688
NE+4.35	B37	42	Viva	2.9289	-45.4528	14.6511	-0.1022	0.3447	0.3037	0.5661
NE+4.35	B37	42	Viva	3.195	-44.2668	18.3786	-0.1022	0.3447	0.3309	-3.8284
NE+4.35	B37	42	Psup	0.268	-54.2973	-24.6954	-0.0507	0.0699	0.0971	-14.3105
NE+4.35	B37	42	Psup	0.5341	-53.1115	-20.9688	-0.0507	0.0699	0.1106	-8.235
NE+4.35	B37	42	Psup	0.8002	-51.9258	-17.2422	-0.0507	0.0699	0.124	-3.1511
NE+4.35	B37	42	Psup	1.0663	-50.7401	-13.5156	-0.0507	0.0699	0.1375	0.9412
NE+4.35	B37	42	Psup	1.3324	-49.5543	-9.789	-0.0507	0.0699	0.151	4.0418
NE+4.35	B37	42	Psup	1.5985	-48.3686	-6.0624	-0.0507	0.0699	0.1645	6.1508
NE+4.35	B37	42	Psup	1.8646	-47.1829	-2.3358	-0.0507	0.0699	0.178	7.2681
NE+4.35	B37	42	Psup	2.1307	-45.9971	1.3908	-0.0507	0.0699	0.1915	7.3939
NE+4.35	B37	42	Psup	2.3967	-44.8114	5.1174	-0.0507	0.0699	0.2049	6.528

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B37	42	Psup	2.6628	-43.6256	8.844	-0.0507	0.0699	0.2184	4.6705
NE+4.35	B37	42	Psup	2.9289	-42.4399	12.5706	-0.0507	0.0699	0.2319	1.8214
NE+4.35	B37	42	Psup	3.195	-41.2542	16.2972	-0.0507	0.0699	0.2454	-2.0194
NE+4.35	B37	42	Viva.cub	0.268	-1.1214	-0.2323	-0.0027	-0.0306	-0.0092	-0.4846
NE+4.35	B37	42	Viva.cub	0.5341	-1.1214	-0.2323	-0.0027	-0.0306	-0.0085	-0.4228
NE+4.35	B37	42	Viva.cub	0.8002	-1.1214	-0.2323	-0.0027	-0.0306	-0.0078	-0.3609
NE+4.35	B37	42	Viva.cub	1.0663	-1.1214	-0.2323	-0.0027	-0.0306	-0.0071	-0.2991
NE+4.35	B37	42	Viva.cub	1.3324	-1.1214	-0.2323	-0.0027	-0.0306	-0.0064	-0.2373
NE+4.35	B37	42	Viva.cub	1.5985	-1.1214	-0.2323	-0.0027	-0.0306	-0.0057	-0.1755
NE+4.35	B37	42	Viva.cub	1.8646	-1.1214	-0.2323	-0.0027	-0.0306	-0.005	-0.1137
NE+4.35	B37	42	Viva.cub	2.1307	-1.1214	-0.2323	-0.0027	-0.0306	-0.0043	-0.0519
NE+4.35	B37	42	Viva.cub	2.3967	-1.1214	-0.2323	-0.0027	-0.0306	-0.0035	0.0099
NE+4.35	B37	42	Viva.cub	2.6628	-1.1214	-0.2323	-0.0027	-0.0306	-0.0028	0.0717
NE+4.35	B37	42	Viva.cub	2.9289	-1.1214	-0.2323	-0.0027	-0.0306	-0.0021	0.1335
NE+4.35	B37	42	Viva.cub	3.195	-1.1214	-0.2323	-0.0027	-0.0306	-0.0014	0.1953
NE+4.35	B37	42	DISX-COMB Max	0.268	28.6571	8.8731	0.9858	6.0723	5.4263	18.2655
NE+4.35	B37	42	DISX-COMB Max	0.5341	28.6571	8.8731	0.9858	6.0723	5.1644	15.9079
NE+4.35	B37	42	DISX-COMB Max	0.8002	28.6571	8.8731	0.9858	6.0723	4.9027	13.5514
NE+4.35	B37	42	DISX-COMB Max	1.0663	28.6571	8.8731	0.9858	6.0723	4.641	11.1969
NE+4.35	B37	42	DISX-COMB Max	1.3324	28.6571	8.8731	0.9858	6.0723	4.3793	8.8459
NE+4.35	B37	42	DISX-COMB Max	1.5985	28.6571	8.8731	0.9858	6.0723	4.1178	6.5022
NE+4.35	B37	42	DISX-COMB Max	1.8646	28.6571	8.8731	0.9858	6.0723	3.8564	4.1781
NE+4.35	B37	42	DISX-COMB Max	2.1307	28.6571	8.8731	0.9858	6.0723	3.5951	1.9452
NE+4.35	B37	42	DISX-COMB Max	2.3967	28.6571	8.8731	0.9858	6.0723	3.3339	1.1227
NE+4.35	B37	42	DISX-COMB Max	2.6628	28.6571	8.8731	0.9858	6.0723	3.073	3.1443
NE+4.35	B37	42	DISX-COMB Max	2.9289	28.6571	8.8731	0.9858	6.0723	2.8123	5.4463
NE+4.35	B37	42	DISX-COMB Max	3.195	28.6571	8.8731	0.9858	6.0723	2.552	7.7838
NE+4.35	B37	42	DISY-COMB Max	0.268	200.6124	52.4027	0.3703	1.065	1.0675	103.8723
NE+4.35	B37	42	DISY-COMB Max	0.5341	200.6124	52.4027	0.3703	1.065	0.9747	89.9283
NE+4.35	B37	42	DISY-COMB Max	0.8002	200.6124	52.4027	0.3703	1.065	0.883	75.9842
NE+4.35	B37	42	DISY-COMB Max	1.0663	200.6124	52.4027	0.3703	1.065	0.7931	62.0402
NE+4.35	B37	42	DISY-COMB Max	1.3324	200.6124	52.4027	0.3703	1.065	0.7054	48.0962
NE+4.35	B37	42	DISY-COMB Max	1.5985	200.6124	52.4027	0.3703	1.065	0.621	34.1522
NE+4.35	B37	42	DISY-COMB Max	1.8646	200.6124	52.4027	0.3703	1.065	0.5413	20.2084
NE+4.35	B37	42	DISY-COMB Max	2.1307	200.6124	52.4027	0.3703	1.065	0.469	6.2657
NE+4.35	B37	42	DISY-COMB Max	2.3967	200.6124	52.4027	0.3703	1.065	0.4077	7.6819
NE+4.35	B37	42	DISY-COMB Max	2.6628	200.6124	52.4027	0.3703	1.065	0.3632	21.6249
NE+4.35	B37	42	DISY-COMB Max	2.9289	200.6124	52.4027	0.3703	1.065	0.3421	35.5687
NE+4.35	B37	42	DISY-COMB Max	3.195	200.6124	52.4027	0.3703	1.065	0.3487	49.5127
NE+4.35	B37	42	B241	0.268	-96.8135	-41.5159	-0.1032	0.1021	0.1641	-26.6591
NE+4.35	B37	42	B241	0.5341	-94.9104	-35.535	-0.1032	0.1021	0.1915	-16.4077
NE+4.35	B37	42	B241	0.8002	-93.0074	-29.554	-0.1032	0.1021	0.219	-7.7478
NE+4.35	B37	42	B241	1.0663	-91.1044	-23.573	-0.1032	0.1021	0.2465	-0.6794
NE+4.35	B37	42	B241	1.3324	-89.2013	-17.5921	-0.1032	0.1021	0.2739	4.7975
NE+4.35	B37	42	B241	1.5985	-87.2983	-11.6111	-0.1032	0.1021	0.3014	8.6829

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B37	42	B241	1.8646	-85.3953	-5.6302	-0.1032	0.1021	0.3288	10.9768
NE+4.35	B37	42	B241	2.1307	-83.4922	0.3508	-0.1032	0.1021	0.3563	11.6792
NE+4.35	B37	42	B241	2.3967	-81.5892	6.3318	-0.1032	0.1021	0.3837	10.7901
NE+4.35	B37	42	B241	2.6628	-79.6862	12.3127	-0.1032	0.1021	0.4112	8.3095
NE+4.35	B37	42	B241	2.9289	-77.7831	18.2937	-0.1032	0.1021	0.4386	4.2374
NE+4.35	B37	42	B241	3.195	-75.8801	24.2747	-0.1032	0.1021	0.4661	-1.4262
NE+4.35	B37	42	B242	0.268	-175.2442	-71.8986	-0.2533	0.6236	0.1869	-39.1581
NE+4.35	B37	42	B242	0.5341	-171.7154	-60.8082	-0.2533	0.6236	0.2543	-21.5019
NE+4.35	B37	42	B242	0.8002	-168.1867	-49.7177	-0.2533	0.6236	0.3217	-6.7967
NE+4.35	B37	42	B242	1.0663	-164.6579	-38.6272	-0.2533	0.6236	0.3891	4.9573
NE+4.35	B37	42	B242	1.3324	-161.1291	-27.5368	-0.2533	0.6236	0.4565	13.7603
NE+4.35	B37	42	B242	1.5985	-157.6003	-16.4463	-0.2533	0.6236	0.5239	19.6121
NE+4.35	B37	42	B242	1.8646	-154.0715	-5.3559	-0.2533	0.6236	0.5912	22.5128
NE+4.35	B37	42	B242	2.1307	-150.5427	5.7346	-0.2533	0.6236	0.6586	22.4624
NE+4.35	B37	42	B242	2.3967	-147.014	16.8251	-0.2533	0.6236	0.726	19.4609
NE+4.35	B37	42	B242	2.6628	-143.4852	27.9155	-0.2533	0.6236	0.7934	13.5083
NE+4.35	B37	42	B242	2.9289	-139.9564	39.006	-0.2533	0.6236	0.8608	4.6046
NE+4.35	B37	42	B242	3.195	-136.4276	50.0965	-0.2533	0.6236	0.9282	-7.2502
NE+4.35	B38	43	Pprop	0.268	-12.4688	-7.1724	0.0934	0.0166	0.108	-6.0338
NE+4.35	B38	43	Pprop	0.5341	-12.1865	-6.2851	0.0934	0.0166	0.0832	-4.2433
NE+4.35	B38	43	Pprop	0.8002	-11.9042	-5.3978	0.0934	0.0166	0.0583	-2.689
NE+4.35	B38	43	Pprop	1.0663	-11.6219	-4.5105	0.0934	0.0166	0.0335	-1.3707
NE+4.35	B38	43	Pprop	1.3324	-11.3396	-3.6232	0.0934	0.0166	0.0086	-0.2885
NE+4.35	B38	43	Pprop	1.5985	-11.0572	-2.7359	0.0934	0.0166	-0.0162	0.5576
NE+4.35	B38	43	Pprop	1.8646	-10.7749	-1.8487	0.0934	0.0166	-0.041	1.1675
NE+4.35	B38	43	Pprop	2.1307	-10.4926	-0.9614	0.0934	0.0166	-0.0659	1.5414
NE+4.35	B38	43	Pprop	2.3967	-10.2103	-0.0741	0.0934	0.0166	-0.0907	1.6792
NE+4.35	B38	43	Pprop	2.6628	-9.928	0.8132	0.0934	0.0166	-0.1156	1.5808
NE+4.35	B38	43	Pprop	2.9289	-9.6457	1.7005	0.0934	0.0166	-0.1404	1.2464
NE+4.35	B38	43	Pprop	3.195	-9.3633	2.5878	0.0934	0.0166	-0.1652	0.6758
NE+4.35	B38	43	Viva	0.268	-40.4437	-20.2676	0.1709	-0.0603	0.1987	-9.2096
NE+4.35	B38	43	Viva	0.5341	-39.3848	-16.9396	0.1709	-0.0603	0.1532	-4.2593
NE+4.35	B38	43	Viva	0.8002	-38.3258	-13.6115	0.1709	-0.0603	0.1077	-0.1946
NE+4.35	B38	43	Viva	1.0663	-37.2669	-10.2834	0.1709	-0.0603	0.0623	2.9846
NE+4.35	B38	43	Viva	1.3324	-36.2079	-6.9553	0.1709	-0.0603	0.0168	5.2781
NE+4.35	B38	43	Viva	1.5985	-35.149	-3.6272	0.1709	-0.0603	-0.0287	6.6861
NE+4.35	B38	43	Viva	1.8646	-34.0901	-0.2992	0.1709	-0.0603	-0.0742	7.2085
NE+4.35	B38	43	Viva	2.1307	-33.0311	3.0289	0.1709	-0.0603	-0.1197	6.8453
NE+4.35	B38	43	Viva	2.3967	-31.9722	6.357	0.1709	-0.0603	-0.1652	5.5965
NE+4.35	B38	43	Viva	2.6628	-30.9133	9.6851	0.1709	-0.0603	-0.2106	3.4622
NE+4.35	B38	43	Viva	2.9289	-29.8543	13.0132	0.1709	-0.0603	-0.2561	0.4422
NE+4.35	B38	43	Viva	3.195	-28.7954	16.3413	0.1709	-0.0603	-0.3016	-3.4633
NE+4.35	B38	43	Psup	0.268	-20.1692	-22.5178	0.1966	-0.0674	0.2171	-13.6238
NE+4.35	B38	43	Psup	0.5341	-19.0987	-19.1535	0.1966	-0.0674	0.1648	-8.0796
NE+4.35	B38	43	Psup	0.8002	-18.0283	-15.7892	0.1966	-0.0674	0.1125	-3.4305

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B38	43	Psup	1.0663	-16.9578	-12.4249	0.1966	-0.0674	0.0602	0.3233
NE+4.35	B38	43	Psup	1.3324	-15.8874	-9.0606	0.1966	-0.0674	0.0079	3.1818
NE+4.35	B38	43	Psup	1.5985	-14.8169	-5.6963	0.1966	-0.0674	-0.0445	5.1452
NE+4.35	B38	43	Psup	1.8646	-13.7465	-2.332	0.1966	-0.0674	-0.0968	6.2134
NE+4.35	B38	43	Psup	2.1307	-12.676	1.0323	0.1966	-0.0674	-0.1491	6.3863
NE+4.35	B38	43	Psup	2.3967	-11.6056	4.3966	0.1966	-0.0674	-0.2014	5.664
NE+4.35	B38	43	Psup	2.6628	-10.5351	7.7608	0.1966	-0.0674	-0.2538	4.0465
NE+4.35	B38	43	Psup	2.9289	-9.4646	11.1251	0.1966	-0.0674	-0.3061	1.5338
NE+4.35	B38	43	Psup	3.195	-8.3942	14.4894	0.1966	-0.0674	-0.3584	-1.8742
NE+4.35	B38	43	Viva.cub	0.268	-1.2008	-0.2232	0.0011	-0.0238	-0.0055	-0.4655
NE+4.35	B38	43	Viva.cub	0.5341	-1.2008	-0.2232	0.0011	-0.0238	-0.0058	-0.4061
NE+4.35	B38	43	Viva.cub	0.8002	-1.2008	-0.2232	0.0011	-0.0238	-0.0061	-0.3467
NE+4.35	B38	43	Viva.cub	1.0663	-1.2008	-0.2232	0.0011	-0.0238	-0.0064	-0.2873
NE+4.35	B38	43	Viva.cub	1.3324	-1.2008	-0.2232	0.0011	-0.0238	-0.0067	-0.228
NE+4.35	B38	43	Viva.cub	1.5985	-1.2008	-0.2232	0.0011	-0.0238	-0.0069	-0.1686
NE+4.35	B38	43	Viva.cub	1.8646	-1.2008	-0.2232	0.0011	-0.0238	-0.0072	-0.1092
NE+4.35	B38	43	Viva.cub	2.1307	-1.2008	-0.2232	0.0011	-0.0238	-0.0075	-0.0498
NE+4.35	B38	43	Viva.cub	2.3967	-1.2008	-0.2232	0.0011	-0.0238	-0.0078	0.0096
NE+4.35	B38	43	Viva.cub	2.6628	-1.2008	-0.2232	0.0011	-0.0238	-0.0081	0.0689
NE+4.35	B38	43	Viva.cub	2.9289	-1.2008	-0.2232	0.0011	-0.0238	-0.0084	0.1283
NE+4.35	B38	43	Viva.cub	3.195	-1.2008	-0.2232	0.0011	-0.0238	-0.0086	0.1877
NE+4.35	B38	43	DISX-COMB Max	0.268	67.2206	14.4795	0.86	5.4463	5.047	28.508
NE+4.35	B38	43	DISX-COMB Max	0.5341	67.2206	14.4795	0.86	5.4463	4.8195	24.6553
NE+4.35	B38	43	DISX-COMB Max	0.8002	67.2206	14.4795	0.86	5.4463	4.5921	20.8026
NE+4.35	B38	43	DISX-COMB Max	1.0663	67.2206	14.4795	0.86	5.4463	4.3649	16.95
NE+4.35	B38	43	DISX-COMB Max	1.3324	67.2206	14.4795	0.86	5.4463	4.1378	13.0976
NE+4.35	B38	43	DISX-COMB Max	1.5985	67.2206	14.4795	0.86	5.4463	3.911	9.2456
NE+4.35	B38	43	DISX-COMB Max	1.8646	67.2206	14.4795	0.86	5.4463	3.6844	5.3951
NE+4.35	B38	43	DISX-COMB Max	2.1307	67.2206	14.4795	0.86	5.4463	3.458	1.5561
NE+4.35	B38	43	DISX-COMB Max	2.3967	67.2206	14.4795	0.86	5.4463	3.2321	2.3294
NE+4.35	B38	43	DISX-COMB Max	2.6628	67.2206	14.4795	0.86	5.4463	3.0066	6.1742
NE+4.35	B38	43	DISX-COMB Max	2.9289	67.2206	14.4795	0.86	5.4463	2.7816	10.0252
NE+4.35	B38	43	DISX-COMB Max	3.195	67.2206	14.4795	0.86	5.4463	2.5573	13.8773
NE+4.35	B38	43	DISY-COMB Max	0.268	224.8794	57.377	0.1052	0.9323	0.9748	113.2262
NE+4.35	B38	43	DISY-COMB Max	0.5341	224.8794	57.377	0.1052	0.9323	0.9607	97.9585
NE+4.35	B38	43	DISY-COMB Max	0.8002	224.8794	57.377	0.1052	0.9323	0.9472	82.6909
NE+4.35	B38	43	DISY-COMB Max	1.0663	224.8794	57.377	0.1052	0.9323	0.9344	67.4233
NE+4.35	B38	43	DISY-COMB Max	1.3324	224.8794	57.377	0.1052	0.9323	0.9223	52.1558
NE+4.35	B38	43	DISY-COMB Max	1.5985	224.8794	57.377	0.1052	0.9323	0.9109	36.8884
NE+4.35	B38	43	DISY-COMB Max	1.8646	224.8794	57.377	0.1052	0.9323	0.9001	21.6214
NE+4.35	B38	43	DISY-COMB Max	2.1307	224.8794	57.377	0.1052	0.9323	0.8902	6.3579
NE+4.35	B38	43	DISY-COMB Max	2.3967	224.8794	57.377	0.1052	0.9323	0.881	8.92
NE+4.35	B38	43	DISY-COMB Max	2.6628	224.8794	57.377	0.1052	0.9323	0.8726	24.185
NE+4.35	B38	43	DISY-COMB Max	2.9289	224.8794	57.377	0.1052	0.9323	0.8651	39.4521
NE+4.35	B38	43	DISY-COMB Max	3.195	224.8794	57.377	0.1052	0.9323	0.8583	54.7196

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B38	43	B241	0.268	-42.3086	-38.4872	0.3759	-0.0659	0.4215	-25.4821
NE+4.35	B38	43	B241	0.5341	-40.555	-32.9759	0.3759	-0.0659	0.3215	-15.9741
NE+4.35	B38	43	B241	0.8002	-38.8014	-27.4646	0.3759	-0.0659	0.2214	-7.9327
NE+4.35	B38	43	B241	1.0663	-37.0478	-21.9533	0.3759	-0.0659	0.1214	-1.3578
NE+4.35	B38	43	B241	1.3324	-35.2942	-16.442	0.3759	-0.0659	0.0214	3.7506
NE+4.35	B38	43	B241	1.5985	-33.5406	-10.9307	0.3759	-0.0659	-0.0786	7.3925
NE+4.35	B38	43	B241	1.8646	-31.787	-5.4194	0.3759	-0.0659	-0.1787	9.5678
NE+4.35	B38	43	B241	2.1307	-30.0334	0.0919	0.3759	-0.0659	-0.2787	10.2766
NE+4.35	B38	43	B241	2.3967	-28.2798	5.6032	0.3759	-0.0659	-0.3787	9.5189
NE+4.35	B38	43	B241	2.6628	-26.5262	11.1145	0.3759	-0.0659	-0.4787	7.2947
NE+4.35	B38	43	B241	2.9289	-24.7726	16.6258	0.3759	-0.0659	-0.5788	3.6039
NE+4.35	B38	43	B241	3.195	-23.019	22.1371	0.3759	-0.0659	-0.6788	-1.5534
NE+4.35	B38	43	B242	0.268	-101.5748	-65.5289	0.5962	-0.1649	0.6764	-36.81
NE+4.35	B38	43	B242	0.5341	-98.3774	-55.48	0.5962	-0.1649	0.5178	-20.7101
NE+4.35	B38	43	B242	0.8002	-95.18	-45.4311	0.5962	-0.1649	0.3591	-7.2842
NE+4.35	B38	43	B242	1.0663	-91.9826	-35.3822	0.5962	-0.1649	0.2005	3.4678
NE+4.35	B38	43	B242	1.3324	-88.7853	-25.3332	0.5962	-0.1649	0.0418	11.5458
NE+4.35	B38	43	B242	1.5985	-85.5879	-15.2843	0.5962	-0.1649	-0.1168	16.9499
NE+4.35	B38	43	B242	1.8646	-82.3905	-5.2354	0.5962	-0.1649	-0.2755	19.68
NE+4.35	B38	43	B242	2.1307	-79.1931	4.8135	0.5962	-0.1649	-0.4341	19.7361
NE+4.35	B38	43	B242	2.3967	-75.9957	14.8624	0.5962	-0.1649	-0.5928	17.1183
NE+4.35	B38	43	B242	2.6628	-72.7984	24.9113	0.5962	-0.1649	-0.7514	11.8265
NE+4.35	B38	43	B242	2.9289	-69.601	34.9602	0.5962	-0.1649	-0.9101	3.8608
NE+4.35	B38	43	B242	3.195	-66.4036	45.0091	0.5962	-0.1649	-1.0687	-6.7789
NE+4.35	B39	44	Pprop	0.268	-6.442	-6.2392	-0.1463	0.0304	-0.1961	-4.3346
NE+4.35	B39	44	Pprop	0.5341	-6.1597	-5.3519	-0.1463	0.0304	-0.1572	-2.7925
NE+4.35	B39	44	Pprop	0.8002	-5.8774	-4.4646	-0.1463	0.0304	-0.1182	-1.4864
NE+4.35	B39	44	Pprop	1.0663	-5.5951	-3.5773	-0.1463	0.0304	-0.0793	-0.4164
NE+4.35	B39	44	Pprop	1.3324	-5.3128	-2.69	-0.1463	0.0304	-0.0404	0.4174
NE+4.35	B39	44	Pprop	1.5985	-5.0305	-1.8028	-0.1463	0.0304	-0.0014	1.0152
NE+4.35	B39	44	Pprop	1.8646	-4.7481	-0.9155	-0.1463	0.0304	0.0375	1.3768
NE+4.35	B39	44	Pprop	2.1307	-4.4658	-0.0282	-0.1463	0.0304	0.0764	1.5024
NE+4.35	B39	44	Pprop	2.3967	-4.1835	0.8591	-0.1463	0.0304	0.1154	1.3918
NE+4.35	B39	44	Pprop	2.6628	-3.9012	1.7464	-0.1463	0.0304	0.1543	1.0452
NE+4.35	B39	44	Pprop	2.9289	-3.6189	2.6337	-0.1463	0.0304	0.1932	0.4624
NE+4.35	B39	44	Pprop	3.195	-3.3365	3.521	-0.1463	0.0304	0.2322	-0.3565
NE+4.35	B39	44	Viva	0.268	-23.4079	-8.7783	-0.2981	0.2516	-0.3746	-3.7498
NE+4.35	B39	44	Viva	0.5341	-22.948	-7.3329	-0.2981	0.2516	-0.2953	-1.6063
NE+4.35	B39	44	Viva	0.8002	-22.4881	-5.8876	-0.2981	0.2516	-0.216	0.1527
NE+4.35	B39	44	Viva	1.0663	-22.0283	-4.4423	-0.2981	0.2516	-0.1367	1.527
NE+4.35	B39	44	Viva	1.3324	-21.5684	-2.9969	-0.2981	0.2516	-0.0573	2.5168
NE+4.35	B39	44	Viva	1.5985	-21.1085	-1.5516	-0.2981	0.2516	0.022	3.1219
NE+4.35	B39	44	Viva	1.8646	-20.6486	-0.1062	-0.2981	0.2516	0.1013	3.3425
NE+4.35	B39	44	Viva	2.1307	-20.1887	1.3391	-0.2981	0.2516	0.1806	3.1785
NE+4.35	B39	44	Viva	2.3967	-19.7289	2.7844	-0.2981	0.2516	0.2599	2.6299

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B39	44	Viva	2.6628	-19.269	4.2298	-0.2981	0.2516	0.3392	1.6966
NE+4.35	B39	44	Viva	2.9289	-18.8091	5.6751	-0.2981	0.2516	0.4186	0.3788
NE+4.35	B39	44	Viva	3.195	-18.3492	7.1205	-0.2981	0.2516	0.4979	-1.3236
NE+4.35	B39	44	Psup	0.268	-16.2092	-11.3221	-0.3233	0.1683	-0.4175	-7.1748
NE+4.35	B39	44	Psup	0.5341	-15.6822	-9.6658	-0.3233	0.1683	-0.3315	-4.3824
NE+4.35	B39	44	Psup	0.8002	-15.1552	-8.0095	-0.3233	0.1683	-0.2455	-2.0307
NE+4.35	B39	44	Psup	1.0663	-14.6282	-6.3533	-0.3233	0.1683	-0.1595	-0.1198
NE+4.35	B39	44	Psup	1.3324	-14.1012	-4.697	-0.3233	0.1683	-0.0734	1.3504
NE+4.35	B39	44	Psup	1.5985	-13.5742	-3.0407	-0.3233	0.1683	0.0126	2.3799
NE+4.35	B39	44	Psup	1.8646	-13.0472	-1.3845	-0.3233	0.1683	0.0986	2.9687
NE+4.35	B39	44	Psup	2.1307	-12.5202	0.2718	-0.3233	0.1683	0.1846	3.1167
NE+4.35	B39	44	Psup	2.3967	-11.9933	1.9281	-0.3233	0.1683	0.2707	2.824
NE+4.35	B39	44	Psup	2.6628	-11.4663	3.5843	-0.3233	0.1683	0.3567	2.0906
NE+4.35	B39	44	Psup	2.9289	-10.9393	5.2406	-0.3233	0.1683	0.4427	0.9165
NE+4.35	B39	44	Psup	3.195	-10.4123	6.8969	-0.3233	0.1683	0.5287	-0.6984
NE+4.35	B39	44	Viva.cub	0.268	-1.1741	-0.2225	-0.004	0.0351	-0.0063	-0.4655
NE+4.35	B39	44	Viva.cub	0.5341	-1.1741	-0.2225	-0.004	0.0351	-0.0052	-0.4062
NE+4.35	B39	44	Viva.cub	0.8002	-1.1741	-0.2225	-0.004	0.0351	-0.0042	-0.347
NE+4.35	B39	44	Viva.cub	1.0663	-1.1741	-0.2225	-0.004	0.0351	-0.0031	-0.2878
NE+4.35	B39	44	Viva.cub	1.3324	-1.1741	-0.2225	-0.004	0.0351	-0.002	-0.2286
NE+4.35	B39	44	Viva.cub	1.5985	-1.1741	-0.2225	-0.004	0.0351	-0.0009	-0.1694
NE+4.35	B39	44	Viva.cub	1.8646	-1.1741	-0.2225	-0.004	0.0351	0.0001	-0.1102
NE+4.35	B39	44	Viva.cub	2.1307	-1.1741	-0.2225	-0.004	0.0351	0.0012	-0.0509
NE+4.35	B39	44	Viva.cub	2.3967	-1.1741	-0.2225	-0.004	0.0351	0.0023	0.0083
NE+4.35	B39	44	Viva.cub	2.6628	-1.1741	-0.2225	-0.004	0.0351	0.0034	0.0675
NE+4.35	B39	44	Viva.cub	2.9289	-1.1741	-0.2225	-0.004	0.0351	0.0044	0.1267
NE+4.35	B39	44	Viva.cub	3.195	-1.1741	-0.2225	-0.004	0.0351	0.0055	0.1859
NE+4.35	B39	44	DISX-COMB Max	0.268	129.3848	21.6374	2.3426	6.7094	7.1868	41.7751
NE+4.35	B39	44	DISX-COMB Max	0.5341	129.3848	21.6374	2.3426	6.7094	6.5638	36.0204
NE+4.35	B39	44	DISX-COMB Max	0.8002	129.3848	21.6374	2.3426	6.7094	5.9409	30.2667
NE+4.35	B39	44	DISX-COMB Max	1.0663	129.3848	21.6374	2.3426	6.7094	5.318	24.5149
NE+4.35	B39	44	DISX-COMB Max	1.3324	129.3848	21.6374	2.3426	6.7094	4.6953	18.7666
NE+4.35	B39	44	DISX-COMB Max	1.5985	129.3848	21.6374	2.3426	6.7094	4.0728	13.0265
NE+4.35	B39	44	DISX-COMB Max	1.8646	129.3848	21.6374	2.3426	6.7094	3.4506	7.314
NE+4.35	B39	44	DISX-COMB Max	2.1307	129.3848	21.6374	2.3426	6.7094	2.829	1.8969
NE+4.35	B39	44	DISX-COMB Max	2.3967	129.3848	21.6374	2.3426	6.7094	2.2082	4.4723
NE+4.35	B39	44	DISX-COMB Max	2.6628	129.3848	21.6374	2.3426	6.7094	1.5896	10.1343
NE+4.35	B39	44	DISX-COMB Max	2.9289	129.3848	21.6374	2.3426	6.7094	0.9769	15.8652
NE+4.35	B39	44	DISX-COMB Max	3.195	129.3848	21.6374	2.3426	6.7094	0.399	21.6104
NE+4.35	B39	44	DISY-COMB Max	0.268	333.6	66.5786	0.4856	2.6882	2.0685	129.3561
NE+4.35	B39	44	DISY-COMB Max	0.5341	333.6	66.5786	0.4856	2.6882	1.9413	111.64
NE+4.35	B39	44	DISY-COMB Max	0.8002	333.6	66.5786	0.4856	2.6882	1.8143	93.924
NE+4.35	B39	44	DISY-COMB Max	1.0663	333.6	66.5786	0.4856	2.6882	1.6876	76.2081
NE+4.35	B39	44	DISY-COMB Max	1.3324	333.6	66.5786	0.4856	2.6882	1.5614	58.4924
NE+4.35	B39	44	DISY-COMB Max	1.5985	333.6	66.5786	0.4856	2.6882	1.4357	40.777

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B39	44	DISY-COMB Max	1.8646	333.6	66.5786	0.4856	2.6882	1.3107	23.0629
NE+4.35	B39	44	DISY-COMB Max	2.1307	333.6	66.5786	0.4856	2.6882	1.1866	5.3626
NE+4.35	B39	44	DISY-COMB Max	2.3967	333.6	66.5786	0.4856	2.6882	1.0638	12.3832
NE+4.35	B39	44	DISY-COMB Max	2.6628	333.6	66.5786	0.4856	2.6882	0.9426	30.0941
NE+4.35	B39	44	DISY-COMB Max	2.9289	333.6	66.5786	0.4856	2.6882	0.8238	47.8089
NE+4.35	B39	44	DISY-COMB Max	3.195	333.6	66.5786	0.4856	2.6882	0.7087	65.5245
NE+4.35	B39	44	B241	0.268	-29.3627	-22.7646	-0.6087	0.2576	-0.7955	-14.9196
NE+4.35	B39	44	B241	0.5341	-28.3136	-19.4674	-0.6087	0.2576	-0.6335	-9.3007
NE+4.35	B39	44	B241	0.8002	-27.2645	-16.1702	-0.6087	0.2576	-0.4715	-4.5592
NE+4.35	B39	44	B241	1.0663	-26.2154	-12.873	-0.6087	0.2576	-0.3095	-0.6951
NE+4.35	B39	44	B241	1.3324	-25.1663	-9.5758	-0.6087	0.2576	-0.1475	2.2916
NE+4.35	B39	44	B241	1.5985	-24.1172	-6.2786	-0.6087	0.2576	0.0144	4.401
NE+4.35	B39	44	B241	1.8646	-23.0681	-2.9814	-0.6087	0.2576	0.1764	5.633
NE+4.35	B39	44	B241	2.1307	-22.019	0.3158	-0.6087	0.2576	0.3384	5.9877
NE+4.35	B39	44	B241	2.3967	-20.9699	3.613	-0.6087	0.2576	0.5004	5.465
NE+4.35	B39	44	B241	2.6628	-19.9208	6.9102	-0.6087	0.2576	0.6624	4.0649
NE+4.35	B39	44	B241	2.9289	-18.8717	10.2074	-0.6087	0.2576	0.8244	1.7874
NE+4.35	B39	44	B241	3.195	-17.8225	13.5046	-0.6087	0.2576	0.9863	-1.3674
NE+4.35	B39	44	B242	0.268	-63.2077	-33.669	-1.0007	0.6409	-1.2844	-19.0207
NE+4.35	B39	44	B242	0.5341	-61.5727	-28.5303	-1.0007	0.6409	-1.0181	-10.7452
NE+4.35	B39	44	B242	0.8002	-59.9376	-23.3916	-1.0007	0.6409	-0.7518	-3.8372
NE+4.35	B39	44	B242	1.0663	-58.3026	-18.2529	-1.0007	0.6409	-0.4855	1.7035
NE+4.35	B39	44	B242	1.3324	-56.6676	-13.1142	-1.0007	0.6409	-0.2192	5.8768
NE+4.35	B39	44	B242	1.5985	-55.0325	-7.9755	-1.0007	0.6409	0.0471	8.6827
NE+4.35	B39	44	B242	1.8646	-53.3975	-2.8367	-1.0007	0.6409	0.3134	10.1212
NE+4.35	B39	44	B242	2.1307	-51.7624	2.302	-1.0007	0.6409	0.5796	10.1924
NE+4.35	B39	44	B242	2.3967	-50.1274	7.4407	-1.0007	0.6409	0.8459	8.8962
NE+4.35	B39	44	B242	2.6628	-48.4923	12.5794	-1.0007	0.6409	1.1122	6.2325
NE+4.35	B39	44	B242	2.9289	-46.8573	17.7181	-1.0007	0.6409	1.3785	2.2016
NE+4.35	B39	44	B242	3.195	-45.2222	22.8568	-1.0007	0.6409	1.6448	-3.1968
NE+4.35	B73	88	Pprop	0	6.7035	-6.0726	-0.0424	0.0583	-0.073	-7.4253
NE+4.35	B73	88	Pprop	0.3148	6.9261	-5.3728	-0.0424	0.0583	-0.0597	-5.6237
NE+4.35	B73	88	Pprop	0.6296	7.1488	-4.6729	-0.0424	0.0583	-0.0463	-4.0424
NE+4.35	B73	88	Pprop	0.9445	7.3715	-3.9731	-0.0424	0.0583	-0.033	-2.6814
NE+4.35	B73	88	Pprop	1.2593	7.5942	-3.2732	-0.0424	0.0583	-0.0196	-1.5408
NE+4.35	B73	88	Pprop	1.5741	7.8168	-2.5734	-0.0424	0.0583	-0.0063	-0.6205
NE+4.35	B73	88	Pprop	1.8889	8.0395	-1.8736	-0.0424	0.0583	0.0071	0.0795
NE+4.35	B73	88	Pprop	2.2037	8.2622	-1.1737	-0.0424	0.0583	0.0205	0.5592
NE+4.35	B73	88	Pprop	2.5186	8.4849	-0.4739	-0.0424	0.0583	0.0338	0.8185
NE+4.35	B73	88	Pprop	2.8334	8.7075	0.226	-0.0424	0.0583	0.0472	0.8575
NE+4.35	B73	88	Pprop	3.1482	8.9302	0.9258	-0.0424	0.0583	0.0605	0.6762
NE+4.35	B73	88	Pprop	3.463	9.1529	1.6256	-0.0424	0.0583	0.0739	0.2746
NE+4.35	B73	88	Viva	0	10.6548	-25.0163	-0.086	0.1132	-0.1537	-16.3742
NE+4.35	B73	88	Viva	0.3148	11.848	-21.2663	-0.086	0.1132	-0.1266	-9.0889
NE+4.35	B73	88	Viva	0.6296	13.0411	-17.5163	-0.086	0.1132	-0.0995	-2.9841

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B73	88	Viva	0.9445	14.2343	-13.7663	-0.086	0.1132	-0.0725	1.9401
NE+4.35	B73	88	Viva	1.2593	15.4275	-10.0163	-0.086	0.1132	-0.0454	5.6837
NE+4.35	B73	88	Viva	1.5741	16.6207	-6.2663	-0.086	0.1132	-0.0183	8.2467
NE+4.35	B73	88	Viva	1.8889	17.8139	-2.5163	-0.086	0.1132	0.0087	9.6292
NE+4.35	B73	88	Viva	2.2037	19.007	1.2337	-0.086	0.1132	0.0358	9.8311
NE+4.35	B73	88	Viva	2.5186	20.2002	4.9837	-0.086	0.1132	0.0629	8.8524
NE+4.35	B73	88	Viva	2.8334	21.3934	8.7337	-0.086	0.1132	0.0899	6.6932
NE+4.35	B73	88	Viva	3.1482	22.5866	12.4837	-0.086	0.1132	0.117	3.3534
NE+4.35	B73	88	Viva	3.463	23.7798	16.2337	-0.086	0.1132	0.1441	-1.167
NE+4.35	B73	88	Psup	0	12.0388	-26.2053	-0.0955	0.1097	-0.1624	-19.1858
NE+4.35	B73	88	Psup	0.3148	13.2511	-22.3951	-0.0955	0.1097	-0.1323	-11.5356
NE+4.35	B73	88	Psup	0.6296	14.4635	-18.5848	-0.0955	0.1097	-0.1022	-5.0849
NE+4.35	B73	88	Psup	0.9445	15.6758	-14.7746	-0.0955	0.1097	-0.0721	0.1662
NE+4.35	B73	88	Psup	1.2593	16.8882	-10.9644	-0.0955	0.1097	-0.042	4.2177
NE+4.35	B73	88	Psup	1.5741	18.1005	-7.1541	-0.0955	0.1097	-0.012	7.0698
NE+4.35	B73	88	Psup	1.8889	19.3129	-3.3439	-0.0955	0.1097	0.0181	8.7223
NE+4.35	B73	88	Psup	2.2037	20.5252	0.4664	-0.0955	0.1097	0.0482	9.1752
NE+4.35	B73	88	Psup	2.5186	21.7376	4.2766	-0.0955	0.1097	0.0783	8.4286
NE+4.35	B73	88	Psup	2.8334	22.9499	8.0868	-0.0955	0.1097	0.1084	6.4825
NE+4.35	B73	88	Psup	3.1482	24.1623	11.8971	-0.0955	0.1097	0.1385	3.3368
NE+4.35	B73	88	Psup	3.463	25.3746	15.7073	-0.0955	0.1097	0.1685	-1.0084
NE+4.35	B73	88	Viva.cub	0	0.1684	0.0499	0.0164	-0.0455	0.0285	0.0873
NE+4.35	B73	88	Viva.cub	0.3148	0.1684	0.0499	0.0164	-0.0455	0.0233	0.0716
NE+4.35	B73	88	Viva.cub	0.6296	0.1684	0.0499	0.0164	-0.0455	0.0181	0.0559
NE+4.35	B73	88	Viva.cub	0.9445	0.1684	0.0499	0.0164	-0.0455	0.013	0.0402
NE+4.35	B73	88	Viva.cub	1.2593	0.1684	0.0499	0.0164	-0.0455	0.0078	0.0245
NE+4.35	B73	88	Viva.cub	1.5741	0.1684	0.0499	0.0164	-0.0455	0.0026	0.0088
NE+4.35	B73	88	Viva.cub	1.8889	0.1684	0.0499	0.0164	-0.0455	-0.0025	-0.0069
NE+4.35	B73	88	Viva.cub	2.2037	0.1684	0.0499	0.0164	-0.0455	-0.0077	-0.0226
NE+4.35	B73	88	Viva.cub	2.5186	0.1684	0.0499	0.0164	-0.0455	-0.0129	-0.0383
NE+4.35	B73	88	Viva.cub	2.8334	0.1684	0.0499	0.0164	-0.0455	-0.018	-0.054
NE+4.35	B73	88	Viva.cub	3.1482	0.1684	0.0499	0.0164	-0.0455	-0.0232	-0.0697
NE+4.35	B73	88	Viva.cub	3.463	0.1684	0.0499	0.0164	-0.0455	-0.0284	-0.0854
NE+4.35	B73	88	DISX-COMB Max	0	8.9289	1.7459	0.4148	0.7013	1.6249	5.4687
NE+4.35	B73	88	DISX-COMB Max	0.3148	8.9289	1.7459	0.4148	0.7013	1.496	4.9199
NE+4.35	B73	88	DISX-COMB Max	0.6296	8.9289	1.7459	0.4148	0.7013	1.3674	4.3712
NE+4.35	B73	88	DISX-COMB Max	0.9445	8.9289	1.7459	0.4148	0.7013	1.2392	3.8228
NE+4.35	B73	88	DISX-COMB Max	1.2593	8.9289	1.7459	0.4148	0.7013	1.1116	3.2749
NE+4.35	B73	88	DISX-COMB Max	1.5741	8.9289	1.7459	0.4148	0.7013	0.9848	2.7276
NE+4.35	B73	88	DISX-COMB Max	1.8889	8.9289	1.7459	0.4148	0.7013	0.859	2.1815
NE+4.35	B73	88	DISX-COMB Max	2.2037	8.9289	1.7459	0.4148	0.7013	0.735	1.6377
NE+4.35	B73	88	DISX-COMB Max	2.5186	8.9289	1.7459	0.4148	0.7013	0.6137	1.0998
NE+4.35	B73	88	DISX-COMB Max	2.8334	8.9289	1.7459	0.4148	0.7013	0.4971	0.5842
NE+4.35	B73	88	DISX-COMB Max	3.1482	8.9289	1.7459	0.4148	0.7013	0.3895	0.2777
NE+4.35	B73	88	DISX-COMB Max	3.463	8.9289	1.7459	0.4148	0.7013	0.3006	0.6459

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B73	88	DISY-COMB Max	0	18.0076	6.0709	0.0684	0.1154	0.285	19.2252
NE+4.35	B73	88	DISY-COMB Max	0.3148	18.0076	6.0709	0.0684	0.1154	0.2637	17.314
NE+4.35	B73	88	DISY-COMB Max	0.6296	18.0076	6.0709	0.0684	0.1154	0.2425	15.4028
NE+4.35	B73	88	DISY-COMB Max	0.9445	18.0076	6.0709	0.0684	0.1154	0.2213	13.4917
NE+4.35	B73	88	DISY-COMB Max	1.2593	18.0076	6.0709	0.0684	0.1154	0.2002	11.5806
NE+4.35	B73	88	DISY-COMB Max	1.5741	18.0076	6.0709	0.0684	0.1154	0.1793	9.6695
NE+4.35	B73	88	DISY-COMB Max	1.8889	18.0076	6.0709	0.0684	0.1154	0.1584	7.7586
NE+4.35	B73	88	DISY-COMB Max	2.2037	18.0076	6.0709	0.0684	0.1154	0.1378	5.8478
NE+4.35	B73	88	DISY-COMB Max	2.5186	18.0076	6.0709	0.0684	0.1154	0.1175	3.9375
NE+4.35	B73	88	DISY-COMB Max	2.8334	18.0076	6.0709	0.0684	0.1154	0.0977	2.029
NE+4.35	B73	88	DISY-COMB Max	3.1482	18.0076	6.0709	0.0684	0.1154	0.0788	0.1881
NE+4.35	B73	88	DISY-COMB Max	3.463	18.0076	6.0709	0.0684	0.1154	0.0616	1.8055
NE+4.35	B73	88	B241	0	24.2955	-41.8417	-0.1788	0.2177	-0.3051	-34.4958
NE+4.35	B73	88	B241	0.3148	26.1557	-35.9953	-0.1788	0.2177	-0.2488	-22.2435
NE+4.35	B73	88	B241	0.6296	28.0159	-30.1489	-0.1788	0.2177	-0.1925	-11.8317
NE+4.35	B73	88	B241	0.9445	29.8762	-24.3025	-0.1788	0.2177	-0.1362	-3.2605
NE+4.35	B73	88	B241	1.2593	31.7364	-18.4561	-0.1788	0.2177	-0.0799	3.4701
NE+4.35	B73	88	B241	1.5741	33.5966	-12.6097	-0.1788	0.2177	-0.0236	8.3602
NE+4.35	B73	88	B241	1.8889	35.4568	-6.7633	-0.1788	0.2177	0.0327	11.4097
NE+4.35	B73	88	B241	2.2037	37.317	-0.9169	-0.1788	0.2177	0.089	12.6187
NE+4.35	B73	88	B241	2.5186	39.1772	4.9295	-0.1788	0.2177	0.1453	11.987
NE+4.35	B73	88	B241	2.8334	41.0375	10.7759	-0.1788	0.2177	0.2016	9.5149
NE+4.35	B73	88	B241	3.1482	42.8977	16.6223	-0.1788	0.2177	0.2579	5.2021
NE+4.35	B73	88	B241	3.463	44.7579	22.4687	-0.1788	0.2177	0.3142	-0.9512
NE+4.35	B73	88	B242	0	37.9566	-75.8655	-0.2826	0.3449	-0.4932	-55.723
NE+4.35	B73	88	B242	0.3148	41.4601	-64.8543	-0.2826	0.3449	-0.4042	-33.5723
NE+4.35	B73	88	B242	0.6296	44.9637	-53.8431	-0.2826	0.3449	-0.3152	-14.8882
NE+4.35	B73	88	B242	0.9445	48.4673	-42.8319	-0.2826	0.3449	-0.2262	0.3295
NE+4.35	B73	88	B242	1.2593	51.9708	-31.8207	-0.2826	0.3449	-0.1372	12.0805
NE+4.35	B73	88	B242	1.5741	55.4744	-20.8095	-0.2826	0.3449	-0.0482	20.365
NE+4.35	B73	88	B242	1.8889	58.9779	-9.7983	-0.2826	0.3449	0.0407	25.183
NE+4.35	B73	88	B242	2.2037	62.4815	1.2129	-0.2826	0.3449	0.1297	26.5344
NE+4.35	B73	88	B242	2.5186	65.9851	12.2241	-0.2826	0.3449	0.2187	24.4193
NE+4.35	B73	88	B242	2.8334	69.4886	23.2353	-0.2826	0.3449	0.3077	18.8377
NE+4.35	B73	88	B242	3.1482	72.9922	34.2465	-0.2826	0.3449	0.3967	9.7895
NE+4.35	B73	88	B242	3.463	76.4958	45.2577	-0.2826	0.3449	0.4857	-2.7253
NE+4.35	B74	89	Pprop	0	11.6019	-7.3769	0.0493	-0.4376	0.1584	-11.4695
NE+4.35	B74	89	Pprop	0.3148	11.8246	-6.677	0.0493	-0.4376	0.1429	-9.2573
NE+4.35	B74	89	Pprop	0.6296	12.0472	-5.9772	0.0493	-0.4376	0.1274	-7.2654
NE+4.35	B74	89	Pprop	0.9445	12.2699	-5.2774	0.0493	-0.4376	0.1119	-5.4938
NE+4.35	B74	89	Pprop	1.2593	12.4926	-4.5775	0.0493	-0.4376	0.0964	-3.9426
NE+4.35	B74	89	Pprop	1.5741	12.7153	-3.8777	0.0493	-0.4376	0.0809	-2.6116
NE+4.35	B74	89	Pprop	1.8889	12.9379	-3.1778	0.0493	-0.4376	0.0654	-1.501
NE+4.35	B74	89	Pprop	2.2037	13.1606	-2.478	0.0493	-0.4376	0.0498	-0.6107
NE+4.35	B74	89	Pprop	2.5186	13.3833	-1.7782	0.0493	-0.4376	0.0343	0.0592

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B74	89	Pprop	2.8334	13.606	-1.0783	0.0493	-0.4376	0.0188	0.5089
NE+4.35	B74	89	Pprop	3.1482	13.8286	-0.3785	0.0493	-0.4376	0.0033	0.7382
NE+4.35	B74	89	Pprop	3.463	14.0513	0.3214	0.0493	-0.4376	-0.0122	0.7472
NE+4.35	B74	89	Viva	0	19.5736	-30.8559	0.1047	-1.1922	0.337	-23.0063
NE+4.35	B74	89	Viva	0.3148	20.9625	-26.4909	0.1047	-1.1922	0.304	-13.9793
NE+4.35	B74	89	Viva	0.6296	22.3513	-22.1259	0.1047	-1.1922	0.2711	-6.3266
NE+4.35	B74	89	Viva	0.9445	23.7402	-17.7609	0.1047	-1.1922	0.2381	-0.048
NE+4.35	B74	89	Viva	1.2593	25.1291	-13.3959	0.1047	-1.1922	0.2052	4.8564
NE+4.35	B74	89	Viva	1.5741	26.5179	-9.0309	0.1047	-1.1922	0.1723	8.3866
NE+4.35	B74	89	Viva	1.8889	27.9068	-4.6659	0.1047	-1.1922	0.1393	10.5426
NE+4.35	B74	89	Viva	2.2037	29.2957	-0.3009	0.1047	-1.1922	0.1064	11.3245
NE+4.35	B74	89	Viva	2.5186	30.6845	4.0641	0.1047	-1.1922	0.0734	10.7321
NE+4.35	B74	89	Viva	2.8334	32.0734	8.4291	0.1047	-1.1922	0.0405	8.7656
NE+4.35	B74	89	Viva	3.1482	33.4622	12.7941	0.1047	-1.1922	0.0075	5.4248
NE+4.35	B74	89	Viva	3.463	34.8511	17.1591	0.1047	-1.1922	-0.0254	0.7099
NE+4.35	B74	89	Psup	0	22.73	-31.9314	0.1164	-1.066	0.3685	-26.6703
NE+4.35	B74	89	Psup	0.3148	24.1199	-27.5633	0.1164	-1.066	0.3318	-17.3052
NE+4.35	B74	89	Psup	0.6296	25.5098	-23.1951	0.1164	-1.066	0.2952	-9.3154
NE+4.35	B74	89	Psup	0.9445	26.8996	-18.8269	0.1164	-1.066	0.2585	-2.7007
NE+4.35	B74	89	Psup	1.2593	28.2895	-14.4588	0.1164	-1.066	0.2219	2.5388
NE+4.35	B74	89	Psup	1.5741	29.6794	-10.0906	0.1164	-1.066	0.1852	6.4031
NE+4.35	B74	89	Psup	1.8889	31.0693	-5.7224	0.1164	-1.066	0.1486	8.8923
NE+4.35	B74	89	Psup	2.2037	32.4591	-1.3543	0.1164	-1.066	0.1119	10.0062
NE+4.35	B74	89	Psup	2.5186	33.849	3.0139	0.1164	-1.066	0.0753	9.745
NE+4.35	B74	89	Psup	2.8334	35.2389	7.3821	0.1164	-1.066	0.0386	8.1085
NE+4.35	B74	89	Psup	3.1482	36.6288	11.7502	0.1164	-1.066	0.002	5.0969
NE+4.35	B74	89	Psup	3.463	38.0186	16.1184	0.1164	-1.066	-0.0347	0.7101
NE+4.35	B74	89	Viva.cub	0	-0.0435	-0.0562	0.0013	0.0046	0.0032	-0.1777
NE+4.35	B74	89	Viva.cub	0.3148	-0.0435	-0.0562	0.0013	0.0046	0.0028	-0.1599
NE+4.35	B74	89	Viva.cub	0.6296	-0.0435	-0.0562	0.0013	0.0046	0.0024	-0.1422
NE+4.35	B74	89	Viva.cub	0.9445	-0.0435	-0.0562	0.0013	0.0046	0.002	-0.1245
NE+4.35	B74	89	Viva.cub	1.2593	-0.0435	-0.0562	0.0013	0.0046	0.0015	-0.1068
NE+4.35	B74	89	Viva.cub	1.5741	-0.0435	-0.0562	0.0013	0.0046	0.0011	-0.0891
NE+4.35	B74	89	Viva.cub	1.8889	-0.0435	-0.0562	0.0013	0.0046	0.0007	-0.0714
NE+4.35	B74	89	Viva.cub	2.2037	-0.0435	-0.0562	0.0013	0.0046	0.0003	-0.0537
NE+4.35	B74	89	Viva.cub	2.5186	-0.0435	-0.0562	0.0013	0.0046	-0.0001	-0.036
NE+4.35	B74	89	Viva.cub	2.8334	-0.0435	-0.0562	0.0013	0.0046	-0.0005	-0.0183
NE+4.35	B74	89	Viva.cub	3.1482	-0.0435	-0.0562	0.0013	0.0046	-0.0009	-0.0006
NE+4.35	B74	89	Viva.cub	3.463	-0.0435	-0.0562	0.0013	0.0046	-0.0013	0.0171
NE+4.35	B74	89	DISX-COMB Max	0	48.7693	1.1951	0.3444	0.3781	0.9863	3.8648
NE+4.35	B74	89	DISX-COMB Max	0.3148	48.7693	1.1951	0.3444	0.3781	0.8783	3.4889
NE+4.35	B74	89	DISX-COMB Max	0.6296	48.7693	1.1951	0.3444	0.3781	0.7703	3.113
NE+4.35	B74	89	DISX-COMB Max	0.9445	48.7693	1.1951	0.3444	0.3781	0.6625	2.7372
NE+4.35	B74	89	DISX-COMB Max	1.2593	48.7693	1.1951	0.3444	0.3781	0.5549	2.3616
NE+4.35	B74	89	DISX-COMB Max	1.5741	48.7693	1.1951	0.3444	0.3781	0.4477	1.9862

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B74	89	DISX-COMB Max	1.8889	48.7693	1.1951	0.3444	0.3781	0.3413	1.6112
NE+4.35	B74	89	DISX-COMB Max	2.2037	48.7693	1.1951	0.3444	0.3781	0.2367	1.237
NE+4.35	B74	89	DISX-COMB Max	2.5186	48.7693	1.1951	0.3444	0.3781	0.1382	0.8645
NE+4.35	B74	89	DISX-COMB Max	2.8334	48.7693	1.1951	0.3444	0.3781	0.0753	0.4977
NE+4.35	B74	89	DISX-COMB Max	3.1482	48.7693	1.1951	0.3444	0.3781	0.1255	0.1767
NE+4.35	B74	89	DISX-COMB Max	3.463	48.7693	1.1951	0.3444	0.3781	0.2221	0.3128
NE+4.35	B74	89	DISY-COMB Max	0	8.9234	3.5104	0.0558	1.144	0.2959	12.2735
NE+4.35	B74	89	DISY-COMB Max	0.3148	8.9234	3.5104	0.0558	1.144	0.2827	11.1684
NE+4.35	B74	89	DISY-COMB Max	0.6296	8.9234	3.5104	0.0558	1.144	0.27	10.0633
NE+4.35	B74	89	DISY-COMB Max	0.9445	8.9234	3.5104	0.0558	1.144	0.2579	8.9583
NE+4.35	B74	89	DISY-COMB Max	1.2593	8.9234	3.5104	0.0558	1.144	0.2464	7.8532
NE+4.35	B74	89	DISY-COMB Max	1.5741	8.9234	3.5104	0.0558	1.144	0.2357	6.7482
NE+4.35	B74	89	DISY-COMB Max	1.8889	8.9234	3.5104	0.0558	1.144	0.2259	5.6432
NE+4.35	B74	89	DISY-COMB Max	2.2037	8.9234	3.5104	0.0558	1.144	0.217	4.5383
NE+4.35	B74	89	DISY-COMB Max	2.5186	8.9234	3.5104	0.0558	1.144	0.2092	3.4336
NE+4.35	B74	89	DISY-COMB Max	2.8334	8.9234	3.5104	0.0558	1.144	0.2027	2.3292
NE+4.35	B74	89	DISY-COMB Max	3.1482	8.9234	3.5104	0.0558	1.144	0.1975	1.2262
NE+4.35	B74	89	DISY-COMB Max	3.463	8.9234	3.5104	0.0558	1.144	0.1938	0.1578
NE+4.35	B74	89	B241	0	44.5043	-50.9552	0.2148	-1.9491	0.683	-49.4405
NE+4.35	B74	89	B241	0.3148	46.5947	-44.3856	0.2148	-1.9491	0.6154	-34.4329
NE+4.35	B74	89	B241	0.6296	48.685	-37.8159	0.2148	-1.9491	0.5478	-21.4936
NE+4.35	B74	89	B241	0.9445	50.7754	-31.2463	0.2148	-1.9491	0.4802	-10.6225
NE+4.35	B74	89	B241	1.2593	52.8657	-24.6767	0.2148	-1.9491	0.4126	-1.8197
NE+4.35	B74	89	B241	1.5741	54.956	-18.107	0.2148	-1.9491	0.3449	4.9149
NE+4.35	B74	89	B241	1.8889	57.0464	-11.5374	0.2148	-1.9491	0.2773	9.5812
NE+4.35	B74	89	B241	2.2037	59.1367	-4.9677	0.2148	-1.9491	0.2097	12.1793
NE+4.35	B74	89	B241	2.5186	61.2271	1.6019	0.2148	-1.9491	0.1421	12.7091
NE+4.35	B74	89	B241	2.8334	63.3174	8.1715	0.2148	-1.9491	0.0745	11.1707
NE+4.35	B74	89	B241	3.1482	65.4077	14.7412	0.2148	-1.9491	0.0069	7.564
NE+4.35	B74	89	B241	3.463	67.4981	21.3108	0.2148	-1.9491	-0.0607	1.889
NE+4.35	B74	89	B242	0	69.4426	-93.0735	0.3522	-3.5759	1.1262	-79.2765
NE+4.35	B74	89	B242	0.3148	73.4565	-80.4584	0.3522	-3.5759	1.0153	-51.9609
NE+4.35	B74	89	B242	0.6296	77.4704	-67.8433	0.3522	-3.5759	0.9045	-28.6167
NE+4.35	B74	89	B242	0.9445	81.4843	-55.2281	0.3522	-3.5759	0.7936	-9.244
NE+4.35	B74	89	B242	1.2593	85.4982	-42.613	0.3522	-3.5759	0.6827	6.1571
NE+4.35	B74	89	B242	1.5741	89.5121	-29.9979	0.3522	-3.5759	0.5718	17.5868
NE+4.35	B74	89	B242	1.8889	93.526	-17.3828	0.3522	-3.5759	0.461	25.045
NE+4.35	B74	89	B242	2.2037	97.5399	-4.7677	0.3522	-3.5759	0.3501	28.5317
NE+4.35	B74	89	B242	2.5186	101.5538	7.8475	0.3522	-3.5759	0.2392	28.0469
NE+4.35	B74	89	B242	2.8334	105.5677	20.4626	0.3522	-3.5759	0.1283	23.5907
NE+4.35	B74	89	B242	3.1482	109.5816	33.0777	0.3522	-3.5759	0.0175	15.1629
NE+4.35	B74	89	B242	3.463	113.5955	45.6928	0.3522	-3.5759	-0.0934	2.7636
NE+4.35	B75	90	Pprop	0	12.2884	-7.2948	-0.0886	0.4757	-0.2287	-11.2531
NE+4.35	B75	90	Pprop	0.3148	12.5111	-6.5949	-0.0886	0.4757	-0.2008	-9.0668
NE+4.35	B75	90	Pprop	0.6296	12.7338	-5.8951	-0.0886	0.4757	-0.1729	-7.1007

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B75	90	Pprop	0.9445	12.9564	-5.1952	-0.0886	0.4757	-0.145	-5.355
NE+4.35	B75	90	Pprop	1.2593	13.1791	-4.4954	-0.0886	0.4757	-0.1171	-3.8296
NE+4.35	B75	90	Pprop	1.5741	13.4018	-3.7956	-0.0886	0.4757	-0.0892	-2.5245
NE+4.35	B75	90	Pprop	1.8889	13.6245	-3.0957	-0.0886	0.4757	-0.0613	-1.4397
NE+4.35	B75	90	Pprop	2.2037	13.8472	-2.3959	-0.0886	0.4757	-0.0334	-0.5753
NE+4.35	B75	90	Pprop	2.5186	14.0698	-1.696	-0.0886	0.4757	-0.0055	0.0688
NE+4.35	B75	90	Pprop	2.8334	14.2925	-0.9962	-0.0886	0.4757	0.0224	0.4926
NE+4.35	B75	90	Pprop	3.1482	14.5152	-0.2964	-0.0886	0.4757	0.0503	0.6961
NE+4.35	B75	90	Pprop	3.463	14.7379	0.4035	-0.0886	0.4757	0.0782	0.6792
NE+4.35	B75	90	Viva	0	20.9478	-30.6305	-0.1796	1.2889	-0.4719	-22.4245
NE+4.35	B75	90	Viva	0.3148	22.3366	-26.2655	-0.1796	1.2889	-0.4154	-13.4685
NE+4.35	B75	90	Viva	0.6296	23.7255	-21.9005	-0.1796	1.2889	-0.3588	-5.8866
NE+4.35	B75	90	Viva	0.9445	25.1144	-17.5355	-0.1796	1.2889	-0.3023	0.321
NE+4.35	B75	90	Viva	1.2593	26.5032	-13.1705	-0.1796	1.2889	-0.2457	5.1544
NE+4.35	B75	90	Viva	1.5741	27.8921	-8.8055	-0.1796	1.2889	-0.1892	8.6137
NE+4.35	B75	90	Viva	1.8889	29.281	-4.4405	-0.1796	1.2889	-0.1327	10.6988
NE+4.35	B75	90	Viva	2.2037	30.6698	-0.0755	-0.1796	1.2889	-0.0761	11.4096
NE+4.35	B75	90	Viva	2.5186	32.0587	4.2895	-0.1796	1.2889	-0.0196	10.7463
NE+4.35	B75	90	Viva	2.8334	33.4475	8.6545	-0.1796	1.2889	0.037	8.7088
NE+4.35	B75	90	Viva	3.1482	34.8364	13.0195	-0.1796	1.2889	0.0935	5.2971
NE+4.35	B75	90	Viva	3.463	36.2253	17.3845	-0.1796	1.2889	0.1501	0.5113
NE+4.35	B75	90	Psup	0	24.0683	-31.8078	-0.2136	1.119	-0.5405	-26.3549
NE+4.35	B75	90	Psup	0.3148	25.4582	-27.4396	-0.2136	1.119	-0.4732	-17.0287
NE+4.35	B75	90	Psup	0.6296	26.848	-23.0714	-0.2136	1.119	-0.406	-9.0778
NE+4.35	B75	90	Psup	0.9445	28.2379	-18.7033	-0.2136	1.119	-0.3387	-2.502
NE+4.35	B75	90	Psup	1.2593	29.6278	-14.3351	-0.2136	1.119	-0.2715	2.6985
NE+4.35	B75	90	Psup	1.5741	31.0176	-9.9669	-0.2136	1.119	-0.2042	6.5239
NE+4.35	B75	90	Psup	1.8889	32.4075	-5.5988	-0.2136	1.119	-0.137	8.9741
NE+4.35	B75	90	Psup	2.2037	33.7974	-1.2306	-0.2136	1.119	-0.0697	10.0491
NE+4.35	B75	90	Psup	2.5186	35.1873	3.1376	-0.2136	1.119	-0.0025	9.7489
NE+4.35	B75	90	Psup	2.8334	36.5771	7.5057	-0.2136	1.119	0.0648	8.0736
NE+4.35	B75	90	Psup	3.1482	37.967	11.8739	-0.2136	1.119	0.1321	5.023
NE+4.35	B75	90	Psup	3.463	39.3569	16.2421	-0.2136	1.119	0.1993	0.5973
NE+4.35	B75	90	Viva.cub	0	0.1185	-0.0306	0.0017	0.006	0.0031	-0.1088
NE+4.35	B75	90	Viva.cub	0.3148	0.1185	-0.0306	0.0017	0.006	0.0026	-0.0991
NE+4.35	B75	90	Viva.cub	0.6296	0.1185	-0.0306	0.0017	0.006	0.002	-0.0895
NE+4.35	B75	90	Viva.cub	0.9445	0.1185	-0.0306	0.0017	0.006	0.0015	-0.0798
NE+4.35	B75	90	Viva.cub	1.2593	0.1185	-0.0306	0.0017	0.006	0.0009	-0.0702
NE+4.35	B75	90	Viva.cub	1.5741	0.1185	-0.0306	0.0017	0.006	0.0004	-0.0606
NE+4.35	B75	90	Viva.cub	1.8889	0.1185	-0.0306	0.0017	0.006	-0.0001	-0.0509
NE+4.35	B75	90	Viva.cub	2.2037	0.1185	-0.0306	0.0017	0.006	-0.0007	-0.0413
NE+4.35	B75	90	Viva.cub	2.5186	0.1185	-0.0306	0.0017	0.006	-0.0012	-0.0316
NE+4.35	B75	90	Viva.cub	2.8334	0.1185	-0.0306	0.0017	0.006	-0.0017	-0.022
NE+4.35	B75	90	Viva.cub	3.1482	0.1185	-0.0306	0.0017	0.006	-0.0023	-0.0123
NE+4.35	B75	90	Viva.cub	3.463	0.1185	-0.0306	0.0017	0.006	-0.0028	-0.0027

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B75	90	DISX-COMB Max	0	45.1814	0.554	0.3683	0.3403	1.0171	1.6855
NE+4.35	B75	90	DISX-COMB Max	0.3148	45.1814	0.554	0.3683	0.3403	0.9014	1.5153
NE+4.35	B75	90	DISX-COMB Max	0.6296	45.1814	0.554	0.3683	0.3403	0.7857	1.3462
NE+4.35	B75	90	DISX-COMB Max	0.9445	45.1814	0.554	0.3683	0.3403	0.6702	1.1787
NE+4.35	B75	90	DISX-COMB Max	1.2593	45.1814	0.554	0.3683	0.3403	0.5548	1.0134
NE+4.35	B75	90	DISX-COMB Max	1.5741	45.1814	0.554	0.3683	0.3403	0.4396	0.8519
NE+4.35	B75	90	DISX-COMB Max	1.8889	45.1814	0.554	0.3683	0.3403	0.325	0.6965
NE+4.35	B75	90	DISX-COMB Max	2.2037	45.1814	0.554	0.3683	0.3403	0.2119	0.5527
NE+4.35	B75	90	DISX-COMB Max	2.5186	45.1814	0.554	0.3683	0.3403	0.1052	0.432
NE+4.35	B75	90	DISX-COMB Max	2.8334	45.1814	0.554	0.3683	0.3403	0.064	0.3586
NE+4.35	B75	90	DISX-COMB Max	3.1482	45.1814	0.554	0.3683	0.3403	0.1549	0.3625
NE+4.35	B75	90	DISX-COMB Max	3.463	45.1814	0.554	0.3683	0.3403	0.2661	0.4417
NE+4.35	B75	90	DISY-COMB Max	0	23.5683	3.6954	0.0812	0.975	0.1472	12.8046
NE+4.35	B75	90	DISY-COMB Max	0.3148	23.5683	3.6954	0.0812	0.975	0.1374	11.6412
NE+4.35	B75	90	DISY-COMB Max	0.6296	23.5683	3.6954	0.0812	0.975	0.1318	10.4779
NE+4.35	B75	90	DISY-COMB Max	0.9445	23.5683	3.6954	0.0812	0.975	0.1311	9.3146
NE+4.35	B75	90	DISY-COMB Max	1.2593	23.5683	3.6954	0.0812	0.975	0.1353	8.1513
NE+4.35	B75	90	DISY-COMB Max	1.5741	23.5683	3.6954	0.0812	0.975	0.144	6.988
NE+4.35	B75	90	DISY-COMB Max	1.8889	23.5683	3.6954	0.0812	0.975	0.1564	5.8248
NE+4.35	B75	90	DISY-COMB Max	2.2037	23.5683	3.6954	0.0812	0.975	0.1718	4.6617
NE+4.35	B75	90	DISY-COMB Max	2.5186	23.5683	3.6954	0.0812	0.975	0.1894	3.4987
NE+4.35	B75	90	DISY-COMB Max	2.8334	23.5683	3.6954	0.0812	0.975	0.2086	2.3363
NE+4.35	B75	90	DISY-COMB Max	3.1482	23.5683	3.6954	0.0812	0.975	0.2291	1.1755
NE+4.35	B75	90	DISY-COMB Max	3.463	23.5683	3.6954	0.0812	0.975	0.2505	0.1124
NE+4.35	B75	90	B241	0	47.1291	-50.6885	-0.3918	2.0672	-0.9971	-48.7511
NE+4.35	B75	90	B241	0.3148	49.2194	-44.1189	-0.3918	2.0672	-0.8737	-33.8275
NE+4.35	B75	90	B241	0.6296	51.3097	-37.5492	-0.3918	2.0672	-0.7504	-20.9721
NE+4.35	B75	90	B241	0.9445	53.4001	-30.9796	-0.3918	2.0672	-0.627	-10.185
NE+4.35	B75	90	B241	1.2593	55.4904	-24.4099	-0.3918	2.0672	-0.5037	-1.4662
NE+4.35	B75	90	B241	1.5741	57.5808	-17.8403	-0.3918	2.0672	-0.3803	5.1844
NE+4.35	B75	90	B241	1.8889	59.6711	-11.2707	-0.3918	2.0672	-0.257	9.7668
NE+4.35	B75	90	B241	2.2037	61.7614	-4.701	-0.3918	2.0672	-0.1336	12.2809
NE+4.35	B75	90	B241	2.5186	63.8518	1.8686	-0.3918	2.0672	-0.0103	12.7267
NE+4.35	B75	90	B241	2.8334	65.9421	8.4383	-0.3918	2.0672	0.113	11.1043
NE+4.35	B75	90	B241	3.1482	68.0325	15.0079	-0.3918	2.0672	0.2364	7.4137
NE+4.35	B75	90	B241	3.463	70.1228	21.5775	-0.3918	2.0672	0.3597	1.6548
NE+4.35	B75	90	B242	0	73.972	-92.4715	-0.6223	3.8372	-1.6082	-77.7202
NE+4.35	B75	90	B242	0.3148	77.9859	-79.8564	-0.6223	3.8372	-1.4122	-50.5941
NE+4.35	B75	90	B242	0.6296	81.9998	-67.2412	-0.6223	3.8372	-1.2163	-27.4395
NE+4.35	B75	90	B242	0.9445	86.0137	-54.6261	-0.6223	3.8372	-1.0204	-8.2564
NE+4.35	B75	90	B242	1.2593	90.0276	-42.011	-0.6223	3.8372	-0.8244	6.9553
NE+4.35	B75	90	B242	1.5741	94.0415	-29.3959	-0.6223	3.8372	-0.6285	18.1954
NE+4.35	B75	90	B242	1.8889	98.0554	-16.7808	-0.6223	3.8372	-0.4326	25.4641
NE+4.35	B75	90	B242	2.2037	102.0693	-4.1656	-0.6223	3.8372	-0.2367	28.7613
NE+4.35	B75	90	B242	2.5186	106.0832	8.4495	-0.6223	3.8372	-0.0407	28.0869

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B75	90	B242	2.8334	110.0971	21.0646	-0.6223	3.8372	0.1552	23.4411
NE+4.35	B75	90	B242	3.1482	114.111	33.6797	-0.6223	3.8372	0.3511	14.8238
NE+4.35	B75	90	B242	3.463	118.1249	46.2948	-0.6223	3.8372	0.547	2.235
NE+4.35	B76	91	Pprop	0	12.1086	-7.2761	0.0854	-0.4532	0.2268	-11.1917
NE+4.35	B76	91	Pprop	0.3148	12.3313	-6.5763	0.0854	-0.4532	0.1999	-9.0112
NE+4.35	B76	91	Pprop	0.6296	12.554	-5.8765	0.0854	-0.4532	0.173	-7.051
NE+4.35	B76	91	Pprop	0.9445	12.7767	-5.1766	0.0854	-0.4532	0.1462	-5.3112
NE+4.35	B76	91	Pprop	1.2593	12.9993	-4.4768	0.0854	-0.4532	0.1193	-3.7916
NE+4.35	B76	91	Pprop	1.5741	13.222	-3.7769	0.0854	-0.4532	0.0924	-2.4924
NE+4.35	B76	91	Pprop	1.8889	13.4447	-3.0771	0.0854	-0.4532	0.0655	-1.4135
NE+4.35	B76	91	Pprop	2.2037	13.6674	-2.3773	0.0854	-0.4532	0.0387	-0.555
NE+4.35	B76	91	Pprop	2.5186	13.89	-1.6774	0.0854	-0.4532	0.0118	0.0833
NE+4.35	B76	91	Pprop	2.8334	14.1127	-0.9776	0.0854	-0.4532	-0.0151	0.5012
NE+4.35	B76	91	Pprop	3.1482	14.3354	-0.2777	0.0854	-0.4532	-0.042	0.6988
NE+4.35	B76	91	Pprop	3.463	14.5581	0.4221	0.0854	-0.4532	-0.0688	0.6761
NE+4.35	B76	91	Viva	0	20.5985	-30.6774	0.1727	-1.2522	0.466	-22.53
NE+4.35	B76	91	Viva	0.3148	21.9874	-26.3124	0.1727	-1.2522	0.4116	-13.5592
NE+4.35	B76	91	Viva	0.6296	23.3763	-21.9474	0.1727	-1.2522	0.3572	-5.9627
NE+4.35	B76	91	Viva	0.9445	24.7651	-17.5824	0.1727	-1.2522	0.3028	0.2597
NE+4.35	B76	91	Viva	1.2593	26.154	-13.2174	0.1727	-1.2522	0.2484	5.1079
NE+4.35	B76	91	Viva	1.5741	27.5428	-8.8524	0.1727	-1.2522	0.1941	8.5819
NE+4.35	B76	91	Viva	1.8889	28.9317	-4.4874	0.1727	-1.2522	0.1397	10.6817
NE+4.35	B76	91	Viva	2.2037	30.3206	-0.1224	0.1727	-1.2522	0.0853	11.4073
NE+4.35	B76	91	Viva	2.5186	31.7094	4.2426	0.1727	-1.2522	0.0309	10.7588
NE+4.35	B76	91	Viva	2.8334	33.0983	8.6076	0.1727	-1.2522	-0.0234	8.736
NE+4.35	B76	91	Viva	3.1482	34.4872	12.9726	0.1727	-1.2522	-0.0778	5.3391
NE+4.35	B76	91	Viva	3.463	35.876	17.3376	0.1727	-1.2522	-0.1322	0.5679
NE+4.35	B76	91	Psup	0	23.6676	-31.7662	0.2073	-1.0596	0.5395	-26.2218
NE+4.35	B76	91	Psup	0.3148	25.0574	-27.3981	0.2073	-1.0596	0.4743	-16.9088
NE+4.35	B76	91	Psup	0.6296	26.4473	-23.0299	0.2073	-1.0596	0.409	-8.9709
NE+4.35	B76	91	Psup	0.9445	27.8372	-18.6617	0.2073	-1.0596	0.3437	-2.4082
NE+4.35	B76	91	Psup	1.2593	29.227	-14.2936	0.2073	-1.0596	0.2785	2.7792
NE+4.35	B76	91	Psup	1.5741	30.6169	-9.9254	0.2073	-1.0596	0.2132	6.5916
NE+4.35	B76	91	Psup	1.8889	32.0068	-5.5572	0.2073	-1.0596	0.1479	9.0287
NE+4.35	B76	91	Psup	2.2037	33.3967	-1.1891	0.2073	-1.0596	0.0827	10.0906
NE+4.35	B76	91	Psup	2.5186	34.7865	3.1791	0.2073	-1.0596	0.0174	9.7773
NE+4.35	B76	91	Psup	2.8334	36.1764	7.5473	0.2073	-1.0596	-0.0479	8.0889
NE+4.35	B76	91	Psup	3.1482	37.5663	11.9154	0.2073	-1.0596	-0.1131	5.0253
NE+4.35	B76	91	Psup	3.463	38.9561	16.2836	0.2073	-1.0596	-0.1784	0.5865
NE+4.35	B76	91	Viva.cub	0	0.0408	-0.0273	-0.0003	0.0071	0.001	-0.0938
NE+4.35	B76	91	Viva.cub	0.3148	0.0408	-0.0273	-0.0003	0.0071	0.0011	-0.0852
NE+4.35	B76	91	Viva.cub	0.6296	0.0408	-0.0273	-0.0003	0.0071	0.0012	-0.0767
NE+4.35	B76	91	Viva.cub	0.9445	0.0408	-0.0273	-0.0003	0.0071	0.0012	-0.0681
NE+4.35	B76	91	Viva.cub	1.2593	0.0408	-0.0273	-0.0003	0.0071	0.0013	-0.0595
NE+4.35	B76	91	Viva.cub	1.5741	0.0408	-0.0273	-0.0003	0.0071	0.0014	-0.0509

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B76	91	Viva.cub	1.8889	0.0408	-0.0273	-0.0003	0.0071	0.0015	-0.0423
NE+4.35	B76	91	Viva.cub	2.2037	0.0408	-0.0273	-0.0003	0.0071	0.0016	-0.0338
NE+4.35	B76	91	Viva.cub	2.5186	0.0408	-0.0273	-0.0003	0.0071	0.0017	-0.0252
NE+4.35	B76	91	Viva.cub	2.8334	0.0408	-0.0273	-0.0003	0.0071	0.0017	-0.0166
NE+4.35	B76	91	Viva.cub	3.1482	0.0408	-0.0273	-0.0003	0.0071	0.0018	-0.008
NE+4.35	B76	91	Viva.cub	3.463	0.0408	-0.0273	-0.0003	0.0071	0.0019	0.0005
NE+4.35	B76	91	DISX-COMB Max	0	47.8855	0.592	0.344	0.2976	0.9399	1.7737
NE+4.35	B76	91	DISX-COMB Max	0.3148	47.8855	0.592	0.344	0.2976	0.8318	1.5908
NE+4.35	B76	91	DISX-COMB Max	0.6296	47.8855	0.592	0.344	0.2976	0.7238	1.4089
NE+4.35	B76	91	DISX-COMB Max	0.9445	47.8855	0.592	0.344	0.2976	0.6159	1.2283
NE+4.35	B76	91	DISX-COMB Max	1.2593	47.8855	0.592	0.344	0.2976	0.5082	1.0498
NE+4.35	B76	91	DISX-COMB Max	1.5741	47.8855	0.592	0.344	0.2976	0.4007	0.8745
NE+4.35	B76	91	DISX-COMB Max	1.8889	47.8855	0.592	0.344	0.2976	0.294	0.705
NE+4.35	B76	91	DISX-COMB Max	2.2037	47.8855	0.592	0.344	0.2976	0.1889	0.5465
NE+4.35	B76	91	DISX-COMB Max	2.5186	47.8855	0.592	0.344	0.2976	0.0919	0.4122
NE+4.35	B76	91	DISX-COMB Max	2.8334	47.8855	0.592	0.344	0.2976	0.0681	0.3325
NE+4.35	B76	91	DISX-COMB Max	3.1482	47.8855	0.592	0.344	0.2976	0.1559	0.3473
NE+4.35	B76	91	DISX-COMB Max	3.463	47.8855	0.592	0.344	0.2976	0.2597	0.4475
NE+4.35	B76	91	DISY-COMB Max	0	13.1659	3.8921	0.0456	1.2951	0.3047	13.5627
NE+4.35	B76	91	DISY-COMB Max	0.3148	13.1659	3.8921	0.0456	1.2951	0.2973	12.3374
NE+4.35	B76	91	DISY-COMB Max	0.6296	13.1659	3.8921	0.0456	1.2951	0.2904	11.1122
NE+4.35	B76	91	DISY-COMB Max	0.9445	13.1659	3.8921	0.0456	1.2951	0.284	9.887
NE+4.35	B76	91	DISY-COMB Max	1.2593	13.1659	3.8921	0.0456	1.2951	0.2783	8.6618
NE+4.35	B76	91	DISY-COMB Max	1.5741	13.1659	3.8921	0.0456	1.2951	0.2732	7.4366
NE+4.35	B76	91	DISY-COMB Max	1.8889	13.1659	3.8921	0.0456	1.2951	0.2688	6.2115
NE+4.35	B76	91	DISY-COMB Max	2.2037	13.1659	3.8921	0.0456	1.2951	0.2651	4.9865
NE+4.35	B76	91	DISY-COMB Max	2.5186	13.1659	3.8921	0.0456	1.2951	0.2621	3.7617
NE+4.35	B76	91	DISY-COMB Max	2.8334	13.1659	3.8921	0.0456	1.2951	0.2599	2.5374
NE+4.35	B76	91	DISY-COMB Max	3.1482	13.1659	3.8921	0.0456	1.2951	0.2584	1.3151
NE+4.35	B76	91	DISY-COMB Max	3.463	13.1659	3.8921	0.0456	1.2951	0.2578	0.1528
NE+4.35	B76	91	B241	0	46.3765	-50.6105	0.3794	-1.961	0.9934	-48.4991
NE+4.35	B76	91	B241	0.3148	48.4669	-44.0408	0.3794	-1.961	0.8739	-33.6
NE+4.35	B76	91	B241	0.6296	50.5572	-37.4712	0.3794	-1.961	0.7545	-20.7692
NE+4.35	B76	91	B241	0.9445	52.6476	-30.9016	0.3794	-1.961	0.635	-10.0067
NE+4.35	B76	91	B241	1.2593	54.7379	-24.3319	0.3794	-1.961	0.5156	-1.3124
NE+4.35	B76	91	B241	1.5741	56.8282	-17.7623	0.3794	-1.961	0.3962	5.3137
NE+4.35	B76	91	B241	1.8889	58.9186	-11.1926	0.3794	-1.961	0.2767	9.8715
NE+4.35	B76	91	B241	2.2037	61.0089	-4.623	0.3794	-1.961	0.1573	12.361
NE+4.35	B76	91	B241	2.5186	63.0993	1.9466	0.3794	-1.961	0.0378	12.7823
NE+4.35	B76	91	B241	2.8334	65.1896	8.5163	0.3794	-1.961	-0.0816	11.1353
NE+4.35	B76	91	B241	3.1482	67.2799	15.0859	0.3794	-1.961	-0.2011	7.4201
NE+4.35	B76	91	B241	3.463	69.3703	21.6556	0.3794	-1.961	-0.3205	1.6366
NE+4.35	B76	91	B242	0	72.7293	-92.4779	0.6015	-3.6808	1.5975	-77.6656
NE+4.35	B76	91	B242	0.3148	76.7432	-79.8627	0.6015	-3.6808	1.4082	-50.5374
NE+4.35	B76	91	B242	0.6296	80.7571	-67.2476	0.6015	-3.6808	1.2188	-27.3808

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B76	91	B242	0.9445	84.771	-54.6325	0.6015	-3.6808	1.0295	-8.1957
NE+4.35	B76	91	B242	1.2593	88.7849	-42.0174	0.6015	-3.6808	0.8401	7.018
NE+4.35	B76	91	B242	1.5741	92.7988	-29.4023	0.6015	-3.6808	0.6508	18.2601
NE+4.35	B76	91	B242	1.8889	96.8127	-16.7871	0.6015	-3.6808	0.4614	25.5308
NE+4.35	B76	91	B242	2.2037	100.8266	-4.172	0.6015	-3.6808	0.2721	28.83
NE+4.35	B76	91	B242	2.5186	104.8406	8.4431	0.6015	-3.6808	0.0827	28.1577
NE+4.35	B76	91	B242	2.8334	108.8545	21.0582	0.6015	-3.6808	-0.1066	23.5139
NE+4.35	B76	91	B242	3.1482	112.8684	33.6733	0.6015	-3.6808	-0.296	14.8986
NE+4.35	B76	91	B242	3.463	116.8823	46.2885	0.6015	-3.6808	-0.4853	2.3118
NE+4.35	B77	92	Pprop	0	12.265	-7.2991	-0.0518	0.4398	-0.1656	-11.2713
NE+4.35	B77	92	Pprop	0.3148	12.4876	-6.5993	-0.0518	0.4398	-0.1493	-9.0836
NE+4.35	B77	92	Pprop	0.6296	12.7103	-5.8994	-0.0518	0.4398	-0.133	-7.1161
NE+4.35	B77	92	Pprop	0.9445	12.933	-5.1996	-0.0518	0.4398	-0.1167	-5.369
NE+4.35	B77	92	Pprop	1.2593	13.1557	-4.4997	-0.0518	0.4398	-0.1004	-3.8423
NE+4.35	B77	92	Pprop	1.5741	13.3784	-3.7999	-0.0518	0.4398	-0.0841	-2.5358
NE+4.35	B77	92	Pprop	1.8889	13.601	-3.1001	-0.0518	0.4398	-0.0678	-1.4497
NE+4.35	B77	92	Pprop	2.2037	13.8237	-2.4002	-0.0518	0.4398	-0.0515	-0.5839
NE+4.35	B77	92	Pprop	2.5186	14.0464	-1.7004	-0.0518	0.4398	-0.0352	0.0616
NE+4.35	B77	92	Pprop	2.8334	14.2691	-1.0005	-0.0518	0.4398	-0.0189	0.4867
NE+4.35	B77	92	Pprop	3.1482	14.4917	-0.3007	-0.0518	0.4398	-0.0026	0.6916
NE+4.35	B77	92	Pprop	3.463	14.7144	0.3991	-0.0518	0.4398	0.0137	0.6761
NE+4.35	B77	92	Viva	0	20.6158	-30.7124	-0.1059	1.228	-0.3524	-22.6345
NE+4.35	B77	92	Viva	0.3148	22.0047	-26.3474	-0.1059	1.228	-0.319	-13.6527
NE+4.35	B77	92	Viva	0.6296	23.3936	-21.9824	-0.1059	1.228	-0.2857	-6.0451
NE+4.35	B77	92	Viva	0.9445	24.7824	-17.6174	-0.1059	1.228	-0.2523	0.1883
NE+4.35	B77	92	Viva	1.2593	26.1713	-13.2524	-0.1059	1.228	-0.219	5.0476
NE+4.35	B77	92	Viva	1.5741	27.5601	-8.8874	-0.1059	1.228	-0.1856	8.5326
NE+4.35	B77	92	Viva	1.8889	28.949	-4.5224	-0.1059	1.228	-0.1523	10.6434
NE+4.35	B77	92	Viva	2.2037	30.3379	-0.1574	-0.1059	1.228	-0.1189	11.3801
NE+4.35	B77	92	Viva	2.5186	31.7267	4.2076	-0.1059	1.228	-0.0856	10.7426
NE+4.35	B77	92	Viva	2.8334	33.1156	8.5726	-0.1059	1.228	-0.0522	8.7309
NE+4.35	B77	92	Viva	3.1482	34.5045	12.9376	-0.1059	1.228	-0.0189	5.345
NE+4.35	B77	92	Viva	3.463	35.8933	17.3026	-0.1059	1.228	0.0144	0.5849
NE+4.35	B77	92	Psup	0	24.6931	-31.7341	-0.12	1.0716	-0.3847	-26.1813
NE+4.35	B77	92	Psup	0.3148	26.083	-27.3659	-0.12	1.0716	-0.3469	-16.8784
NE+4.35	B77	92	Psup	0.6296	27.4728	-22.9978	-0.12	1.0716	-0.3091	-8.9506
NE+4.35	B77	92	Psup	0.9445	28.8627	-18.6296	-0.12	1.0716	-0.2713	-2.3981
NE+4.35	B77	92	Psup	1.2593	30.2526	-14.2614	-0.12	1.0716	-0.2335	2.7793
NE+4.35	B77	92	Psup	1.5741	31.6425	-9.8933	-0.12	1.0716	-0.1957	6.5815
NE+4.35	B77	92	Psup	1.8889	33.0323	-5.5251	-0.12	1.0716	-0.1579	9.0085
NE+4.35	B77	92	Psup	2.2037	34.4222	-1.1569	-0.12	1.0716	-0.1201	10.0603
NE+4.35	B77	92	Psup	2.5186	35.8121	3.2112	-0.12	1.0716	-0.0823	9.737
NE+4.35	B77	92	Psup	2.8334	37.2019	7.5794	-0.12	1.0716	-0.0446	8.0384
NE+4.35	B77	92	Psup	3.1482	38.5918	11.9476	-0.12	1.0716	-0.0068	4.9647
NE+4.35	B77	92	Psup	3.463	39.9817	16.3157	-0.12	1.0716	0.031	0.5158

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B77	92	Viva.cub	0	0.1496	-0.0185	0.0001	-0.0025	-0.0005	-0.0707
NE+4.35	B77	92	Viva.cub	0.3148	0.1496	-0.0185	0.0001	-0.0025	-0.0005	-0.0649
NE+4.35	B77	92	Viva.cub	0.6296	0.1496	-0.0185	0.0001	-0.0025	-0.0005	-0.0591
NE+4.35	B77	92	Viva.cub	0.9445	0.1496	-0.0185	0.0001	-0.0025	-0.0006	-0.0532
NE+4.35	B77	92	Viva.cub	1.2593	0.1496	-0.0185	0.0001	-0.0025	-0.0006	-0.0474
NE+4.35	B77	92	Viva.cub	1.5741	0.1496	-0.0185	0.0001	-0.0025	-0.0006	-0.0416
NE+4.35	B77	92	Viva.cub	1.8889	0.1496	-0.0185	0.0001	-0.0025	-0.0007	-0.0358
NE+4.35	B77	92	Viva.cub	2.2037	0.1496	-0.0185	0.0001	-0.0025	-0.0007	-0.0299
NE+4.35	B77	92	Viva.cub	2.5186	0.1496	-0.0185	0.0001	-0.0025	-0.0007	-0.0241
NE+4.35	B77	92	Viva.cub	2.8334	0.1496	-0.0185	0.0001	-0.0025	-0.0008	-0.0183
NE+4.35	B77	92	Viva.cub	3.1482	0.1496	-0.0185	0.0001	-0.0025	-0.0008	-0.0124
NE+4.35	B77	92	Viva.cub	3.463	0.1496	-0.0185	0.0001	-0.0025	-0.0008	-0.0066
NE+4.35	B77	92	DISX-COMB Max	0	48.0624	1.1928	0.2951	0.4343	0.9475	3.8453
NE+4.35	B77	92	DISX-COMB Max	0.3148	48.0624	1.1928	0.2951	0.4343	0.855	3.4705
NE+4.35	B77	92	DISX-COMB Max	0.6296	48.0624	1.1928	0.2951	0.4343	0.7626	3.0959
NE+4.35	B77	92	DISX-COMB Max	0.9445	48.0624	1.1928	0.2951	0.4343	0.6703	2.7215
NE+4.35	B77	92	DISX-COMB Max	1.2593	48.0624	1.1928	0.2951	0.4343	0.5783	2.3475
NE+4.35	B77	92	DISX-COMB Max	1.5741	48.0624	1.1928	0.2951	0.4343	0.4866	1.974
NE+4.35	B77	92	DISX-COMB Max	1.8889	48.0624	1.1928	0.2951	0.4343	0.3955	1.6015
NE+4.35	B77	92	DISX-COMB Max	2.2037	48.0624	1.1928	0.2951	0.4343	0.3054	1.2309
NE+4.35	B77	92	DISX-COMB Max	2.5186	48.0624	1.1928	0.2951	0.4343	0.2177	0.8645
NE+4.35	B77	92	DISX-COMB Max	2.8334	48.0624	1.1928	0.2951	0.4343	0.1372	0.5114
NE+4.35	B77	92	DISX-COMB Max	3.1482	48.0624	1.1928	0.2951	0.4343	0.0866	0.2404
NE+4.35	B77	92	DISX-COMB Max	3.463	48.0624	1.1928	0.2951	0.4343	0.1159	0.3689
NE+4.35	B77	92	DISY-COMB Max	0	23.2801	4.2381	0.0749	1.1692	0.1428	14.8583
NE+4.35	B77	92	DISY-COMB Max	0.3148	23.2801	4.2381	0.0749	1.1692	0.1438	13.524
NE+4.35	B77	92	DISY-COMB Max	0.6296	23.2801	4.2381	0.0749	1.1692	0.1487	12.1898
NE+4.35	B77	92	DISY-COMB Max	0.9445	23.2801	4.2381	0.0749	1.1692	0.1569	10.8556
NE+4.35	B77	92	DISY-COMB Max	1.2593	23.2801	4.2381	0.0749	1.1692	0.1681	9.5214
NE+4.35	B77	92	DISY-COMB Max	1.5741	23.2801	4.2381	0.0749	1.1692	0.1817	8.1872
NE+4.35	B77	92	DISY-COMB Max	1.8889	23.2801	4.2381	0.0749	1.1692	0.1972	6.853
NE+4.35	B77	92	DISY-COMB Max	2.2037	23.2801	4.2381	0.0749	1.1692	0.2141	5.5189
NE+4.35	B77	92	DISY-COMB Max	2.5186	23.2801	4.2381	0.0749	1.1692	0.2323	4.1848
NE+4.35	B77	92	DISY-COMB Max	2.8334	23.2801	4.2381	0.0749	1.1692	0.2513	2.8508
NE+4.35	B77	92	DISY-COMB Max	3.1482	23.2801	4.2381	0.0749	1.1692	0.271	1.5174
NE+4.35	B77	92	DISY-COMB Max	3.463	23.2801	4.2381	0.0749	1.1692	0.2914	0.196
NE+4.35	B77	92	B241	0	47.9086	-50.5986	-0.2228	1.9592	-0.7134	-48.5497
NE+4.35	B77	92	B241	0.3148	49.9989	-44.029	-0.2228	1.9592	-0.6432	-33.6544
NE+4.35	B77	92	B241	0.6296	52.0893	-37.4593	-0.2228	1.9592	-0.5731	-20.8273
NE+4.35	B77	92	B241	0.9445	54.1796	-30.8897	-0.2228	1.9592	-0.503	-10.0685
NE+4.35	B77	92	B241	1.2593	56.27	-24.3201	-0.2228	1.9592	-0.4329	-1.3779
NE+4.35	B77	92	B241	1.5741	58.3603	-17.7504	-0.2228	1.9592	-0.3627	5.2444
NE+4.35	B77	92	B241	1.8889	60.4506	-11.1808	-0.2228	1.9592	-0.2926	9.7985
NE+4.35	B77	92	B241	2.2037	62.541	-4.6111	-0.2228	1.9592	-0.2225	12.2843
NE+4.35	B77	92	B241	2.5186	64.6313	1.9585	-0.2228	1.9592	-0.1524	12.7018

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B77	92	B241	2.8334	66.7217	8.5281	-0.2228	1.9592	-0.0822	11.0511
NE+4.35	B77	92	B241	3.1482	68.812	15.0978	-0.2228	1.9592	-0.0121	7.3322
NE+4.35	B77	92	B241	3.463	70.9023	21.6674	-0.2228	1.9592	0.058	1.5449
NE+4.35	B77	92	B242	0	74.1246	-92.5194	-0.3604	3.6429	-1.1755	-77.8645
NE+4.35	B77	92	B242	0.3148	78.1385	-79.9043	-0.3604	3.6429	-1.062	-50.7233
NE+4.35	B77	92	B242	0.6296	82.1524	-67.2892	-0.3604	3.6429	-0.9486	-27.5536
NE+4.35	B77	92	B242	0.9445	86.1663	-54.674	-0.3604	3.6429	-0.8351	-8.3554
NE+4.35	B77	92	B242	1.2593	90.1802	-42.0589	-0.3604	3.6429	-0.7217	6.8713
NE+4.35	B77	92	B242	1.5741	94.1941	-29.4438	-0.3604	3.6429	-0.6082	18.1266
NE+4.35	B77	92	B242	1.8889	98.208	-16.8287	-0.3604	3.6429	-0.4948	25.4103
NE+4.35	B77	92	B242	2.2037	102.2219	-4.2136	-0.3604	3.6429	-0.3813	28.7226
NE+4.35	B77	92	B242	2.5186	106.2358	8.4016	-0.3604	3.6429	-0.2679	28.0633
NE+4.35	B77	92	B242	2.8334	110.2497	21.0167	-0.3604	3.6429	-0.1544	23.4326
NE+4.35	B77	92	B242	3.1482	114.2636	33.6318	-0.3604	3.6429	-0.041	14.8304
NE+4.35	B77	92	B242	3.463	118.2775	46.2469	-0.3604	3.6429	0.0724	2.2567
NE+4.35	B84	99	Pprop	0	9.6404	-6.4532	0.0829	-0.2506	0.2101	-8.6593
NE+4.35	B84	99	Pprop	0.3148	9.863	-5.7534	0.0829	-0.2506	0.184	-6.7379
NE+4.35	B84	99	Pprop	0.6296	10.0857	-5.0535	0.0829	-0.2506	0.1579	-5.0368
NE+4.35	B84	99	Pprop	0.9445	10.3084	-4.3537	0.0829	-0.2506	0.1318	-3.556
NE+4.35	B84	99	Pprop	1.2593	10.5311	-3.6538	0.0829	-0.2506	0.1057	-2.2955
NE+4.35	B84	99	Pprop	1.5741	10.7537	-2.954	0.0829	-0.2506	0.0796	-1.2554
NE+4.35	B84	99	Pprop	1.8889	10.9764	-2.2542	0.0829	-0.2506	0.0535	-0.4356
NE+4.35	B84	99	Pprop	2.2037	11.1991	-1.5543	0.0829	-0.2506	0.0274	0.1639
NE+4.35	B84	99	Pprop	2.5186	11.4218	-0.8545	0.0829	-0.2506	0.0013	0.5431
NE+4.35	B84	99	Pprop	2.8334	11.6445	-0.1546	0.0829	-0.2506	-0.0248	0.7019
NE+4.35	B84	99	Pprop	3.1482	11.8671	0.5452	0.0829	-0.2506	-0.0509	0.6404
NE+4.35	B84	99	Pprop	3.463	12.0898	1.245	0.0829	-0.2506	-0.077	0.3586
NE+4.35	B84	99	Viva	0	15.4428	-23.3857	0.1401	-0.6134	0.3822	-15.9106
NE+4.35	B84	99	Viva	0.3148	16.5334	-19.9582	0.1401	-0.6134	0.3381	-9.0878
NE+4.35	B84	99	Viva	0.6296	17.6239	-16.5307	0.1401	-0.6134	0.294	-3.3441
NE+4.35	B84	99	Viva	0.9445	18.7145	-13.1032	0.1401	-0.6134	0.2499	1.3206
NE+4.35	B84	99	Viva	1.2593	19.8051	-9.6757	0.1401	-0.6134	0.2058	4.9062
NE+4.35	B84	99	Viva	1.5741	20.8956	-6.2482	0.1401	-0.6134	0.1617	7.4128
NE+4.35	B84	99	Viva	1.8889	21.9862	-2.8207	0.1401	-0.6134	0.1176	8.8403
NE+4.35	B84	99	Viva	2.2037	23.0768	0.6068	0.1401	-0.6134	0.0735	9.1888
NE+4.35	B84	99	Viva	2.5186	24.1673	4.0343	0.1401	-0.6134	0.0294	8.4583
NE+4.35	B84	99	Viva	2.8334	25.2579	7.4618	0.1401	-0.6134	-0.0147	6.6487
NE+4.35	B84	99	Viva	3.1482	26.3485	10.8893	0.1401	-0.6134	-0.0588	3.76
NE+4.35	B84	99	Viva	3.463	27.439	14.3168	0.1401	-0.6134	-0.1029	-0.2077
NE+4.35	B84	99	Psup	0	17.6378	-24.9551	0.1834	-0.533	0.456	-19.537
NE+4.35	B84	99	Psup	0.3148	18.7571	-21.4374	0.1834	-0.533	0.3982	-12.2344
NE+4.35	B84	99	Psup	0.6296	19.8764	-17.9197	0.1834	-0.533	0.3405	-6.0392
NE+4.35	B84	99	Psup	0.9445	20.9956	-14.4021	0.1834	-0.533	0.2827	-0.9514
NE+4.35	B84	99	Psup	1.2593	22.1149	-10.8844	0.1834	-0.533	0.225	3.029
NE+4.35	B84	99	Psup	1.5741	23.2341	-7.3667	0.1834	-0.533	0.1672	5.9019

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B84	99	Psup	1.8889	24.3534	-3.8491	0.1834	-0.533	0.1095	7.6673
NE+4.35	B84	99	Psup	2.2037	25.4726	-0.3314	0.1834	-0.533	0.0517	8.3254
NE+4.35	B84	99	Psup	2.5186	26.5919	3.1863	0.1834	-0.533	-0.006	7.876
NE+4.35	B84	99	Psup	2.8334	27.7112	6.7039	0.1834	-0.533	-0.0638	6.3192
NE+4.35	B84	99	Psup	3.1482	28.8304	10.2216	0.1834	-0.533	-0.1215	3.6549
NE+4.35	B84	99	Psup	3.463	29.9497	13.7393	0.1834	-0.533	-0.1793	-0.1167
NE+4.35	B84	99	Viva.cub	0	0.053	-0.0335	0.0007	0.0002	0.004	-0.1117
NE+4.35	B84	99	Viva.cub	0.3148	0.053	-0.0335	0.0007	0.0002	0.0038	-0.1011
NE+4.35	B84	99	Viva.cub	0.6296	0.053	-0.0335	0.0007	0.0002	0.0036	-0.0905
NE+4.35	B84	99	Viva.cub	0.9445	0.053	-0.0335	0.0007	0.0002	0.0034	-0.08
NE+4.35	B84	99	Viva.cub	1.2593	0.053	-0.0335	0.0007	0.0002	0.0032	-0.0694
NE+4.35	B84	99	Viva.cub	1.5741	0.053	-0.0335	0.0007	0.0002	0.003	-0.0589
NE+4.35	B84	99	Viva.cub	1.8889	0.053	-0.0335	0.0007	0.0002	0.0027	-0.0483
NE+4.35	B84	99	Viva.cub	2.2037	0.053	-0.0335	0.0007	0.0002	0.0025	-0.0377
NE+4.35	B84	99	Viva.cub	2.5186	0.053	-0.0335	0.0007	0.0002	0.0023	-0.0272
NE+4.35	B84	99	Viva.cub	2.8334	0.053	-0.0335	0.0007	0.0002	0.0021	-0.0166
NE+4.35	B84	99	Viva.cub	3.1482	0.053	-0.0335	0.0007	0.0002	0.0019	-0.0061
NE+4.35	B84	99	Viva.cub	3.463	0.053	-0.0335	0.0007	0.0002	0.0017	0.0045
NE+4.35	B84	99	DISX-COMB Max	0	63.1571	1.304	0.5138	0.3371	1.2809	4.5723
NE+4.35	B84	99	DISX-COMB Max	0.3148	63.1571	1.304	0.5138	0.3371	1.1196	4.1642
NE+4.35	B84	99	DISX-COMB Max	0.6296	63.1571	1.304	0.5138	0.3371	0.9584	3.7566
NE+4.35	B84	99	DISX-COMB Max	0.9445	63.1571	1.304	0.5138	0.3371	0.7974	3.3497
NE+4.35	B84	99	DISX-COMB Max	1.2593	63.1571	1.304	0.5138	0.3371	0.6368	2.9438
NE+4.35	B84	99	DISX-COMB Max	1.5741	63.1571	1.304	0.5138	0.3371	0.477	2.5394
NE+4.35	B84	99	DISX-COMB Max	1.8889	63.1571	1.304	0.5138	0.3371	0.3193	2.1373
NE+4.35	B84	99	DISX-COMB Max	2.2037	63.1571	1.304	0.5138	0.3371	0.1692	1.7392
NE+4.35	B84	99	DISX-COMB Max	2.5186	63.1571	1.304	0.5138	0.3371	0.0876	1.3486
NE+4.35	B84	99	DISX-COMB Max	2.8334	63.1571	1.304	0.5138	0.3371	0.1976	0.9744
NE+4.35	B84	99	DISX-COMB Max	3.1482	63.1571	1.304	0.5138	0.3371	0.3504	0.646
NE+4.35	B84	99	DISX-COMB Max	3.463	63.1571	1.304	0.5138	0.3371	0.5087	0.4713
NE+4.35	B84	99	DISY-COMB Max	0	8.3398	6.9102	0.0648	1.4133	0.3766	23.1651
NE+4.35	B84	99	DISY-COMB Max	0.3148	8.3398	6.9102	0.0648	1.4133	0.3797	20.9897
NE+4.35	B84	99	DISY-COMB Max	0.6296	8.3398	6.9102	0.0648	1.4133	0.3838	18.8142
NE+4.35	B84	99	DISY-COMB Max	0.9445	8.3398	6.9102	0.0648	1.4133	0.3889	16.6388
NE+4.35	B84	99	DISY-COMB Max	1.2593	8.3398	6.9102	0.0648	1.4133	0.3951	14.4633
NE+4.35	B84	99	DISY-COMB Max	1.5741	8.3398	6.9102	0.0648	1.4133	0.4021	12.2879
NE+4.35	B84	99	DISY-COMB Max	1.8889	8.3398	6.9102	0.0648	1.4133	0.4101	10.1124
NE+4.35	B84	99	DISY-COMB Max	2.2037	8.3398	6.9102	0.0648	1.4133	0.4189	7.937
NE+4.35	B84	99	DISY-COMB Max	2.5186	8.3398	6.9102	0.0648	1.4133	0.4285	5.7616
NE+4.35	B84	99	DISY-COMB Max	2.8334	8.3398	6.9102	0.0648	1.4133	0.4389	3.5862
NE+4.35	B84	99	DISY-COMB Max	3.1482	8.3398	6.9102	0.0648	1.4133	0.4499	1.4111
NE+4.35	B84	99	DISY-COMB Max	3.463	8.3398	6.9102	0.0648	1.4133	0.4615	0.7659
NE+4.35	B84	99	B241	0	35.3606	-40.7144	0.3453	-1.0158	0.8635	-36.5508
NE+4.35	B84	99	B241	0.3148	37.1002	-35.2473	0.3453	-1.0158	0.7548	-24.5937
NE+4.35	B84	99	B241	0.6296	38.8397	-29.7801	0.3453	-1.0158	0.6461	-14.3577

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B84	99	B241	0.9445	40.5793	-24.313	0.3453	-1.0158	0.5374	-5.8429
NE+4.35	B84	99	B241	1.2593	42.3188	-18.8459	0.3453	-1.0158	0.4287	0.9507
NE+4.35	B84	99	B241	1.5741	44.0584	-13.3787	0.3453	-1.0158	0.32	6.0232
NE+4.35	B84	99	B241	1.8889	45.7979	-7.9116	0.3453	-1.0158	0.2113	9.3745
NE+4.35	B84	99	B241	2.2037	47.5374	-2.4444	0.3453	-1.0158	0.1026	11.0047
NE+4.35	B84	99	B241	2.5186	49.277	3.0227	0.3453	-1.0158	-0.0061	10.9136
NE+4.35	B84	99	B241	2.8334	51.0165	8.4898	0.3453	-1.0158	-0.1148	9.1014
NE+4.35	B84	99	B241	3.1482	52.7561	13.957	0.3453	-1.0158	-0.2235	5.5681
NE+4.35	B84	99	B241	3.463	54.4956	19.4241	0.3453	-1.0158	-0.3322	0.3136
NE+4.35	B84	99	B242	0	55.0441	-72.332	0.5204	-1.852	1.3536	-56.8421
NE+4.35	B84	99	B242	0.3148	58.28	-62.1619	0.5204	-1.852	1.1898	-35.6714
NE+4.35	B84	99	B242	0.6296	61.516	-51.9918	0.5204	-1.852	1.0259	-17.7025
NE+4.35	B84	99	B242	0.9445	64.7519	-41.8216	0.5204	-1.852	0.8621	-2.9353
NE+4.35	B84	99	B242	1.2593	67.9879	-31.6515	0.5204	-1.852	0.6982	8.6301
NE+4.35	B84	99	B242	1.5741	71.2238	-21.4814	0.5204	-1.852	0.5344	16.9938
NE+4.35	B84	99	B242	1.8889	74.4598	-11.3113	0.5204	-1.852	0.3706	22.1557
NE+4.35	B84	99	B242	2.2037	77.6957	-1.1412	0.5204	-1.852	0.2067	24.1158
NE+4.35	B84	99	B242	2.5186	80.9317	9.029	0.5204	-1.852	0.0429	22.8742
NE+4.35	B84	99	B242	2.8334	84.1676	19.1991	0.5204	-1.852	-0.1209	18.4308
NE+4.35	B84	99	B242	3.1482	87.4036	29.3692	0.5204	-1.852	-0.2848	10.7857
NE+4.35	B84	99	B242	3.463	90.6395	39.5393	0.5204	-1.852	-0.4486	-0.0612
NE+4.35	B86	101	Pprop	0	11.2204	-6.3899	-0.0236	0.2172	-0.0906	-8.4407
NE+4.35	B86	101	Pprop	0.3148	11.4431	-5.6901	-0.0236	0.2172	-0.0832	-6.5392
NE+4.35	B86	101	Pprop	0.6296	11.6657	-4.9902	-0.0236	0.2172	-0.0757	-4.858
NE+4.35	B86	101	Pprop	0.9445	11.8884	-4.2904	-0.0236	0.2172	-0.0683	-3.3972
NE+4.35	B86	101	Pprop	1.2593	12.1111	-3.5905	-0.0236	0.2172	-0.0608	-2.1566
NE+4.35	B86	101	Pprop	1.5741	12.3338	-2.8907	-0.0236	0.2172	-0.0534	-1.1364
NE+4.35	B86	101	Pprop	1.8889	12.5565	-2.1909	-0.0236	0.2172	-0.046	-0.3365
NE+4.35	B86	101	Pprop	2.2037	12.7791	-1.491	-0.0236	0.2172	-0.0385	0.243
NE+4.35	B86	101	Pprop	2.5186	13.0018	-0.7912	-0.0236	0.2172	-0.0311	0.6023
NE+4.35	B86	101	Pprop	2.8334	13.2245	-0.0913	-0.0236	0.2172	-0.0236	0.7412
NE+4.35	B86	101	Pprop	3.1482	13.4472	0.6085	-0.0236	0.2172	-0.0162	0.6598
NE+4.35	B86	101	Pprop	3.463	13.6698	1.3083	-0.0236	0.2172	-0.0088	0.358
NE+4.35	B86	101	Viva	0	17.6176	-23.3613	-0.0489	0.5399	-0.1982	-15.8191
NE+4.35	B86	101	Viva	0.3148	18.7081	-19.9338	-0.0489	0.5399	-0.1829	-9.004
NE+4.35	B86	101	Viva	0.6296	19.7987	-16.5063	-0.0489	0.5399	-0.1675	-3.268
NE+4.35	B86	101	Viva	0.9445	20.8893	-13.0788	-0.0489	0.5399	-0.1521	1.389
NE+4.35	B86	101	Viva	1.2593	21.9798	-9.6513	-0.0489	0.5399	-0.1367	4.967
NE+4.35	B86	101	Viva	1.5741	23.0704	-6.2238	-0.0489	0.5399	-0.1213	7.4659
NE+4.35	B86	101	Viva	1.8889	24.161	-2.7963	-0.0489	0.5399	-0.106	8.8857
NE+4.35	B86	101	Viva	2.2037	25.2515	0.6312	-0.0489	0.5399	-0.0906	9.2265
NE+4.35	B86	101	Viva	2.5186	26.3421	4.0587	-0.0489	0.5399	-0.0752	8.4883
NE+4.35	B86	101	Viva	2.8334	27.4327	7.4862	-0.0489	0.5399	-0.0598	6.671
NE+4.35	B86	101	Viva	3.1482	28.5232	10.9137	-0.0489	0.5399	-0.0444	3.7747
NE+4.35	B86	101	Viva	3.463	29.6138	14.3412	-0.0489	0.5399	-0.0291	-0.2007

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B86	101	Psup	0	20.8741	-24.7874	-0.0551	0.5021	-0.205	-19.0277
NE+4.35	B86	101	Psup	0.3148	21.9933	-21.2697	-0.0551	0.5021	-0.1877	-11.7779
NE+4.35	B86	101	Psup	0.6296	23.1126	-17.752	-0.0551	0.5021	-0.1703	-5.6355
NE+4.35	B86	101	Psup	0.9445	24.2318	-14.2343	-0.0551	0.5021	-0.153	-0.6005
NE+4.35	B86	101	Psup	1.2593	25.3511	-10.7167	-0.0551	0.5021	-0.1357	3.327
NE+4.35	B86	101	Psup	1.5741	26.4704	-7.199	-0.0551	0.5021	-0.1183	6.1471
NE+4.35	B86	101	Psup	1.8889	27.5896	-3.6813	-0.0551	0.5021	-0.101	7.8598
NE+4.35	B86	101	Psup	2.2037	28.7089	-0.1637	-0.0551	0.5021	-0.0836	8.4651
NE+4.35	B86	101	Psup	2.5186	29.8281	3.354	-0.0551	0.5021	-0.0663	7.9629
NE+4.35	B86	101	Psup	2.8334	30.9474	6.8717	-0.0551	0.5021	-0.0489	6.3533
NE+4.35	B86	101	Psup	3.1482	32.0667	10.3893	-0.0551	0.5021	-0.0316	3.6362
NE+4.35	B86	101	Psup	3.463	33.1859	13.907	-0.0551	0.5021	-0.0142	-0.1883
NE+4.35	B86	101	Viva.cub	0	0.229	-0.0377	0.0023	-0.0033	0.0025	-0.1204
NE+4.35	B86	101	Viva.cub	0.3148	0.229	-0.0377	0.0023	-0.0033	0.0018	-0.1086
NE+4.35	B86	101	Viva.cub	0.6296	0.229	-0.0377	0.0023	-0.0033	0.001	-0.0967
NE+4.35	B86	101	Viva.cub	0.9445	0.229	-0.0377	0.0023	-0.0033	0.0003	-0.0849
NE+4.35	B86	101	Viva.cub	1.2593	0.229	-0.0377	0.0023	-0.0033	-0.0004	-0.073
NE+4.35	B86	101	Viva.cub	1.5741	0.229	-0.0377	0.0023	-0.0033	-0.0011	-0.0611
NE+4.35	B86	101	Viva.cub	1.8889	0.229	-0.0377	0.0023	-0.0033	-0.0019	-0.0493
NE+4.35	B86	101	Viva.cub	2.2037	0.229	-0.0377	0.0023	-0.0033	-0.0026	-0.0374
NE+4.35	B86	101	Viva.cub	2.5186	0.229	-0.0377	0.0023	-0.0033	-0.0033	-0.0256
NE+4.35	B86	101	Viva.cub	2.8334	0.229	-0.0377	0.0023	-0.0033	-0.004	-0.0137
NE+4.35	B86	101	Viva.cub	3.1482	0.229	-0.0377	0.0023	-0.0033	-0.0048	-0.0019
NE+4.35	B86	101	Viva.cub	3.463	0.229	-0.0377	0.0023	-0.0033	-0.0055	0.01
NE+4.35	B86	101	DISX-COMB Max	0	66.7022	2.6928	0.543	0.6452	1.479	8.5419
NE+4.35	B86	101	DISX-COMB Max	0.3148	66.7022	2.6928	0.543	0.6452	1.3091	7.6948
NE+4.35	B86	101	DISX-COMB Max	0.6296	66.7022	2.6928	0.543	0.6452	1.1395	6.8478
NE+4.35	B86	101	DISX-COMB Max	0.9445	66.7022	2.6928	0.543	0.6452	0.9703	6.001
NE+4.35	B86	101	DISX-COMB Max	1.2593	66.7022	2.6928	0.543	0.6452	0.8019	5.1545
NE+4.35	B86	101	DISX-COMB Max	1.5741	66.7022	2.6928	0.543	0.6452	0.6348	4.3085
NE+4.35	B86	101	DISX-COMB Max	1.8889	66.7022	2.6928	0.543	0.6452	0.4706	3.4633
NE+4.35	B86	101	DISX-COMB Max	2.2037	66.7022	2.6928	0.543	0.6452	0.3135	2.6198
NE+4.35	B86	101	DISX-COMB Max	2.5186	66.7022	2.6928	0.543	0.6452	0.1831	1.7805
NE+4.35	B86	101	DISX-COMB Max	2.8334	66.7022	2.6928	0.543	0.6452	0.1651	0.9559
NE+4.35	B86	101	DISX-COMB Max	3.1482	66.7022	2.6928	0.543	0.6452	0.2818	0.308
NE+4.35	B86	101	DISX-COMB Max	3.463	66.7022	2.6928	0.543	0.6452	0.4359	0.8446
NE+4.35	B86	101	DISY-COMB Max	0	35.9261	6.8059	0.1208	1.0481	0.1719	22.9794
NE+4.35	B86	101	DISY-COMB Max	0.3148	35.9261	6.8059	0.1208	1.0481	0.1736	20.8367
NE+4.35	B86	101	DISY-COMB Max	0.6296	35.9261	6.8059	0.1208	1.0481	0.1834	18.6941
NE+4.35	B86	101	DISY-COMB Max	0.9445	35.9261	6.8059	0.1208	1.0481	0.2	16.5515
NE+4.35	B86	101	DISY-COMB Max	1.2593	35.9261	6.8059	0.1208	1.0481	0.2219	14.4089
NE+4.35	B86	101	DISY-COMB Max	1.5741	35.9261	6.8059	0.1208	1.0481	0.2478	12.2663
NE+4.35	B86	101	DISY-COMB Max	1.8889	35.9261	6.8059	0.1208	1.0481	0.2764	10.1237
NE+4.35	B86	101	DISY-COMB Max	2.2037	35.9261	6.8059	0.1208	1.0481	0.3072	7.9811
NE+4.35	B86	101	DISY-COMB Max	2.5186	35.9261	6.8059	0.1208	1.0481	0.3393	5.8386

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B86	101	DISY-COMB Max	2.8334	35.9261	6.8059	0.1208	1.0481	0.3726	3.6963
NE+4.35	B86	101	DISY-COMB Max	3.1482	35.9261	6.8059	0.1208	1.0481	0.4068	1.5547
NE+4.35	B86	101	DISY-COMB Max	3.463	35.9261	6.8059	0.1208	1.0481	0.4415	0.5949
NE+4.35	B86	101	B241	0	41.6039	-40.4149	-0.1021	0.9325	-0.3832	-35.6072
NE+4.35	B86	101	B241	0.3148	43.3435	-34.9478	-0.1021	0.9325	-0.3511	-23.7444
NE+4.35	B86	101	B241	0.6296	45.083	-29.4807	-0.1021	0.9325	-0.319	-13.6027
NE+4.35	B86	101	B241	0.9445	46.8226	-24.0135	-0.1021	0.9325	-0.2868	-5.1822
NE+4.35	B86	101	B241	1.2593	48.5621	-18.5464	-0.1021	0.9325	-0.2547	1.5172
NE+4.35	B86	101	B241	1.5741	50.3017	-13.0792	-0.1021	0.9325	-0.2226	6.4954
NE+4.35	B86	101	B241	1.8889	52.0412	-7.6121	-0.1021	0.9325	-0.1905	9.7524
NE+4.35	B86	101	B241	2.2037	53.7808	-2.145	-0.1021	0.9325	-0.1583	11.2883
NE+4.35	B86	101	B241	2.5186	55.5203	3.3222	-0.1021	0.9325	-0.1262	11.1029
NE+4.35	B86	101	B241	2.8334	57.2598	8.7893	-0.1021	0.9325	-0.0941	9.1965
NE+4.35	B86	101	B241	3.1482	58.9994	14.2565	-0.1021	0.9325	-0.0619	5.5688
NE+4.35	B86	101	B241	3.463	60.7389	19.7236	-0.1021	0.9325	-0.0298	0.22
NE+4.35	B86	101	B242	0	63.9631	-72.0383	-0.1645	1.6614	-0.6444	-55.8912
NE+4.35	B86	101	B242	0.3148	67.1991	-61.8682	-0.1645	1.6614	-0.5926	-34.813
NE+4.35	B86	101	B242	0.6296	70.435	-51.698	-0.1645	1.6614	-0.5409	-16.9365
NE+4.35	B86	101	B242	0.9445	73.671	-41.5279	-0.1645	1.6614	-0.4891	-2.2618
NE+4.35	B86	101	B242	1.2593	76.9069	-31.3578	-0.1645	1.6614	-0.4373	9.2111
NE+4.35	B86	101	B242	1.5741	80.1429	-21.1877	-0.1645	1.6614	-0.3855	17.4823
NE+4.35	B86	101	B242	1.8889	83.3788	-11.0176	-0.1645	1.6614	-0.3337	22.5517
NE+4.35	B86	101	B242	2.2037	86.6147	-0.8474	-0.1645	1.6614	-0.2819	24.4194
NE+4.35	B86	101	B242	2.5186	89.8507	9.3227	-0.1645	1.6614	-0.2301	23.0853
NE+4.35	B86	101	B242	2.8334	93.0866	19.4928	-0.1645	1.6614	-0.1784	18.5494
NE+4.35	B86	101	B242	3.1482	96.3226	29.6629	-0.1645	1.6614	-0.1266	10.8118
NE+4.35	B86	101	B242	3.463	99.5585	39.833	-0.1645	1.6614	-0.0748	-0.1275
NE+4.35	B130	140	Pprop	0	10.0464	-6.4327	0.0191	-0.0122	0.0381	-8.5214
NE+4.35	B130	140	Pprop	0.3148	10.269	-5.7328	0.0191	-0.0122	0.0321	-6.6064
NE+4.35	B130	140	Pprop	0.6296	10.4917	-5.033	0.0191	-0.0122	0.0261	-4.9118
NE+4.35	B130	140	Pprop	0.9445	10.7144	-4.3332	0.0191	-0.0122	0.0201	-3.4375
NE+4.35	B130	140	Pprop	1.2593	10.9371	-3.6333	0.0191	-0.0122	0.0141	-2.1835
NE+4.35	B130	140	Pprop	1.5741	11.1597	-2.9335	0.0191	-0.0122	0.0081	-1.1498
NE+4.35	B130	140	Pprop	1.8889	11.3824	-2.2336	0.0191	-0.0122	0.0021	-0.3364
NE+4.35	B130	140	Pprop	2.2037	11.6051	-1.5338	0.0191	-0.0122	-0.0039	0.2566
NE+4.35	B130	140	Pprop	2.5186	11.8278	-0.834	0.0191	-0.0122	-0.0099	0.6293
NE+4.35	B130	140	Pprop	2.8334	12.0505	-0.1341	0.0191	-0.0122	-0.0159	0.7817
NE+4.35	B130	140	Pprop	3.1482	12.2731	0.5657	0.0191	-0.0122	-0.0219	0.7138
NE+4.35	B130	140	Pprop	3.463	12.4958	1.2656	0.0191	-0.0122	-0.0279	0.4255
NE+4.35	B130	140	Viva	0	18.8163	-29.6806	0.0329	-0.0463	0.0606	-19.0079
NE+4.35	B130	140	Viva	0.3148	20.2338	-25.2256	0.0329	-0.0463	0.0503	-10.3652
NE+4.35	B130	140	Viva	0.6296	21.6513	-20.7706	0.0329	-0.0463	0.0399	-3.1249
NE+4.35	B130	140	Viva	0.9445	23.0688	-16.3156	0.0329	-0.0463	0.0296	2.7128
NE+4.35	B130	140	Viva	1.2593	24.4863	-11.8606	0.0329	-0.0463	0.0192	7.148
NE+4.35	B130	140	Viva	1.5741	25.9038	-7.4056	0.0329	-0.0463	0.0089	10.1807

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B130	140	Viva	1.8889	27.3213	-2.9506	0.0329	-0.0463	-0.0015	11.8108
NE+4.35	B130	140	Viva	2.2037	28.7388	1.5044	0.0329	-0.0463	-0.0118	12.0384
NE+4.35	B130	140	Viva	2.5186	30.1563	5.9594	0.0329	-0.0463	-0.0222	10.8636
NE+4.35	B130	140	Viva	2.8334	31.5738	10.4144	0.0329	-0.0463	-0.0326	8.2861
NE+4.35	B130	140	Viva	3.1482	32.9913	14.8694	0.0329	-0.0463	-0.0429	4.3062
NE+4.35	B130	140	Viva	3.463	34.4088	19.3244	0.0329	-0.0463	-0.0533	-1.0763
NE+4.35	B130	140	Psup	0	19.7146	-30.811	0.0383	-0.0392	0.0856	-22.7783
NE+4.35	B130	140	Psup	0.3148	21.1304	-26.3611	0.0383	-0.0392	0.0735	-13.7788
NE+4.35	B130	140	Psup	0.6296	22.5463	-21.9113	0.0383	-0.0392	0.0615	-6.1803
NE+4.35	B130	140	Psup	0.9445	23.9621	-17.4615	0.0383	-0.0392	0.0494	0.0174
NE+4.35	B130	140	Psup	1.2593	25.378	-13.0117	0.0383	-0.0392	0.0374	4.8142
NE+4.35	B130	140	Psup	1.5741	26.7938	-8.5619	0.0383	-0.0392	0.0253	8.2101
NE+4.35	B130	140	Psup	1.8889	28.2097	-4.1121	0.0383	-0.0392	0.0133	10.2051
NE+4.35	B130	140	Psup	2.2037	29.6255	0.3378	0.0383	-0.0392	0.0012	10.7992
NE+4.35	B130	140	Psup	2.5186	31.0414	4.7876	0.0383	-0.0392	-0.0109	9.9924
NE+4.35	B130	140	Psup	2.8334	32.4572	9.2374	0.0383	-0.0392	-0.0229	7.7847
NE+4.35	B130	140	Psup	3.1482	33.8731	13.6872	0.0383	-0.0392	-0.035	4.1762
NE+4.35	B130	140	Psup	3.463	35.2889	18.137	0.0383	-0.0392	-0.047	-0.8333
NE+4.35	B130	140	Viva.cub	0	0.2094	-0.0391	-0.0005	0.0051	0.0004	-0.1299
NE+4.35	B130	140	Viva.cub	0.3148	0.2094	-0.0391	-0.0005	0.0051	0.0005	-0.1176
NE+4.35	B130	140	Viva.cub	0.6296	0.2094	-0.0391	-0.0005	0.0051	0.0007	-0.1053
NE+4.35	B130	140	Viva.cub	0.9445	0.2094	-0.0391	-0.0005	0.0051	0.0008	-0.093
NE+4.35	B130	140	Viva.cub	1.2593	0.2094	-0.0391	-0.0005	0.0051	0.001	-0.0807
NE+4.35	B130	140	Viva.cub	1.5741	0.2094	-0.0391	-0.0005	0.0051	0.0012	-0.0685
NE+4.35	B130	140	Viva.cub	1.8889	0.2094	-0.0391	-0.0005	0.0051	0.0013	-0.0562
NE+4.35	B130	140	Viva.cub	2.2037	0.2094	-0.0391	-0.0005	0.0051	0.0015	-0.0439
NE+4.35	B130	140	Viva.cub	2.5186	0.2094	-0.0391	-0.0005	0.0051	0.0016	-0.0316
NE+4.35	B130	140	Viva.cub	2.8334	0.2094	-0.0391	-0.0005	0.0051	0.0018	-0.0193
NE+4.35	B130	140	Viva.cub	3.1482	0.2094	-0.0391	-0.0005	0.0051	0.0019	-0.007
NE+4.35	B130	140	Viva.cub	3.463	0.2094	-0.0391	-0.0005	0.0051	0.0021	0.0053
NE+4.35	B130	140	DISX-COMB Max	0	7.2899	1.8882	0.2765	1.0287	1.4596	6.238
NE+4.35	B130	140	DISX-COMB Max	0.3148	7.2899	1.8882	0.2765	1.0287	1.374	5.6436
NE+4.35	B130	140	DISX-COMB Max	0.6296	7.2899	1.8882	0.2765	1.0287	1.2886	5.0493
NE+4.35	B130	140	DISX-COMB Max	0.9445	7.2899	1.8882	0.2765	1.0287	1.2034	4.4551
NE+4.35	B130	140	DISX-COMB Max	1.2593	7.2899	1.8882	0.2765	1.0287	1.1185	3.8608
NE+4.35	B130	140	DISX-COMB Max	1.5741	7.2899	1.8882	0.2765	1.0287	1.034	3.2667
NE+4.35	B130	140	DISX-COMB Max	1.8889	7.2899	1.8882	0.2765	1.0287	0.9499	2.6727
NE+4.35	B130	140	DISX-COMB Max	2.2037	7.2899	1.8882	0.2765	1.0287	0.8664	2.079
NE+4.35	B130	140	DISX-COMB Max	2.5186	7.2899	1.8882	0.2765	1.0287	0.7837	1.4858
NE+4.35	B130	140	DISX-COMB Max	2.8334	7.2899	1.8882	0.2765	1.0287	0.702	0.8943
NE+4.35	B130	140	DISX-COMB Max	3.1482	7.2899	1.8882	0.2765	1.0287	0.6218	0.3143
NE+4.35	B130	140	DISX-COMB Max	3.463	7.2899	1.8882	0.2765	1.0287	0.5437	0.3233
NE+4.35	B130	140	DISY-COMB Max	0	34.9783	8.6028	0.0447	0.2088	0.2398	28.0885
NE+4.35	B130	140	DISY-COMB Max	0.3148	34.9783	8.6028	0.0447	0.2088	0.2259	25.3801
NE+4.35	B130	140	DISY-COMB Max	0.6296	34.9783	8.6028	0.0447	0.2088	0.2119	22.6718

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B130	140	DISY-COMB Max	0.9445	34.9783	8.6028	0.0447	0.2088	0.198	19.9635
NE+4.35	B130	140	DISY-COMB Max	1.2593	34.9783	8.6028	0.0447	0.2088	0.1841	17.2551
NE+4.35	B130	140	DISY-COMB Max	1.5741	34.9783	8.6028	0.0447	0.2088	0.1702	14.5468
NE+4.35	B130	140	DISY-COMB Max	1.8889	34.9783	8.6028	0.0447	0.2088	0.1563	11.8385
NE+4.35	B130	140	DISY-COMB Max	2.2037	34.9783	8.6028	0.0447	0.2088	0.1425	9.1302
NE+4.35	B130	140	DISY-COMB Max	2.5186	34.9783	8.6028	0.0447	0.2088	0.1287	6.4219
NE+4.35	B130	140	DISY-COMB Max	2.8334	34.9783	8.6028	0.0447	0.2088	0.115	3.7136
NE+4.35	B130	140	DISY-COMB Max	3.1482	34.9783	8.6028	0.0447	0.2088	0.1014	1.0057
NE+4.35	B130	140	DISY-COMB Max	3.463	34.9783	8.6028	0.0447	0.2088	0.0879	1.7035
NE+4.35	B130	140	B241	0	38.579	-48.2788	0.0743	-0.0666	0.1603	-40.5737
NE+4.35	B130	140	B241	0.3148	40.703	-41.6033	0.0743	-0.0666	0.1369	-26.4253
NE+4.35	B130	140	B241	0.6296	42.827	-34.9278	0.0743	-0.0666	0.1135	-14.3786
NE+4.35	B130	140	B241	0.9445	44.951	-28.2523	0.0743	-0.0666	0.0901	-4.4334
NE+4.35	B130	140	B241	1.2593	47.0751	-21.5769	0.0743	-0.0666	0.0667	3.4102
NE+4.35	B130	140	B241	1.5741	49.1991	-14.9014	0.0743	-0.0666	0.0433	9.1523
NE+4.35	B130	140	B241	1.8889	51.3231	-8.2259	0.0743	-0.0666	0.0199	12.7927
NE+4.35	B130	140	B241	2.2037	53.4471	-1.5504	0.0743	-0.0666	-0.0035	14.3316
NE+4.35	B130	140	B241	2.5186	55.5711	5.1251	0.0743	-0.0666	-0.0269	13.7689
NE+4.35	B130	140	B241	2.8334	57.6951	11.8005	0.0743	-0.0666	-0.0503	11.1047
NE+4.35	B130	140	B241	3.1482	59.8192	18.476	0.0743	-0.0666	-0.0737	6.3388
NE+4.35	B130	140	B241	3.463	61.9432	25.1515	0.0743	-0.0666	-0.0971	-0.5286
NE+4.35	B130	140	B242	0	63.2785	-88.8902	0.1161	-0.1287	0.2346	-65.2551
NE+4.35	B130	140	B242	0.3148	67.3671	-76.0404	0.1161	-0.1287	0.1981	-39.2934
NE+4.35	B130	140	B242	0.6296	71.4557	-63.1905	0.1161	-0.1287	0.1615	-17.3771
NE+4.35	B130	140	B242	0.9445	75.5443	-50.3407	0.1161	-0.1287	0.125	0.4939
NE+4.35	B130	140	B242	1.2593	79.6328	-37.4909	0.1161	-0.1287	0.0884	14.3194
NE+4.35	B130	140	B242	1.5741	83.7214	-24.641	0.1161	-0.1287	0.0519	24.0996
NE+4.35	B130	140	B242	1.8889	87.81	-11.7912	0.1161	-0.1287	0.0153	29.8344
NE+4.35	B130	140	B242	2.2037	91.8986	1.0587	0.1161	-0.1287	-0.0212	31.5238
NE+4.35	B130	140	B242	2.5186	95.9872	13.9085	0.1161	-0.1287	-0.0578	29.1678
NE+4.35	B130	140	B242	2.8334	100.0758	26.7583	0.1161	-0.1287	-0.0943	22.7665
NE+4.35	B130	140	B242	3.1482	104.1644	39.6082	0.1161	-0.1287	-0.1309	12.3197
NE+4.35	B130	140	B242	3.463	108.2529	52.458	0.1161	-0.1287	-0.1674	-2.1724
NE+3.30	B8	8	Pprop	0.325	0	-21.1122	0	0.5905	0	-21.0606
NE+3.30	B8	8	Pprop	0.8895	0	-18.6977	0	0.5905	0	-9.8233
NE+3.30	B8	8	Pprop	1.4541	0	-16.2833	0	0.5905	0	0.0509
NE+3.30	B8	8	Pprop	2.0186	0	-13.8688	0	0.5905	0	8.562
NE+3.30	B8	8	Pprop	2.2867	0	-12.7225	0	0.5905	0	12.1257
NE+3.30	B8	8	Pprop	2.2867	0	-5.8305	0	0.5905	0	12.3294
NE+3.30	B8	8	Pprop	2.5832	0	-4.5624	0	0.5905	0	13.8702
NE+3.30	B8	8	Pprop	3.1477	0	-2.148	0	0.5905	0	15.7644
NE+3.30	B8	8	Pprop	3.7123	0	0.2665	0	0.5905	0	16.2955
NE+3.30	B8	8	Pprop	4.2768	0	2.6809	0	0.5905	0	15.4635
NE+3.30	B8	8	Pprop	4.5733	0	3.9491	0	0.5905	0	14.4805
NE+3.30	B8	8	Pprop	4.5733	0	13.8972	0	0.5905	0	14.2808

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B8	8	Pprop	4.8414	0	15.0435	0	0.5905	0	10.4023
NE+3.30	B8	8	Pprop	5.4059	0	17.458	0	0.5905	0	1.228
NE+3.30	B8	8	Pprop	5.9705	0	19.8724	0	0.5905	0	-9.3094
NE+3.30	B8	8	Pprop	6.16	0	20.6831	0	0.5905	0	-13.153
NE+3.30	B8	8	Pprop	6.16	0	23.2706	0	0.5905	0	-13.7563
NE+3.30	B8	8	Pprop	6.535	0	24.8744	0	0.5905	0	-22.7834
NE+3.30	B8	8	Viva	0.325	0	-13.1706	0	0.4846	0	-15.0531
NE+3.30	B8	8	Viva	0.8895	0	-12.485	0	0.4846	0	-7.7812
NE+3.30	B8	8	Viva	1.4541	0	-11.3561	0	0.4846	0	-1.056
NE+3.30	B8	8	Viva	2.0186	0	-10.7348	0	0.4846	0	5.1497
NE+3.30	B8	8	Viva	2.2867	0	-10.6629	0	0.4846	0	8.0141
NE+3.30	B8	8	Viva	2.2867	0	-3.3959	0	0.4846	0	8.3108
NE+3.30	B8	8	Viva	2.5832	0	-3.308	0	0.4846	0	9.3091
NE+3.30	B8	8	Viva	3.1477	0	-2.6544	0	0.4846	0	11.0221
NE+3.30	B8	8	Viva	3.7123	0	-1.5229	0	0.4846	0	12.2012
NE+3.30	B8	8	Viva	4.2768	0	-0.8694	0	0.4846	0	12.8465
NE+3.30	B8	8	Viva	4.5733	0	-0.7815	0	0.4846	0	13.0869
NE+3.30	B8	8	Viva	4.5733	0	12.9739	0	0.4846	0	12.776
NE+3.30	B8	8	Viva	4.8414	0	13.1535	0	0.4846	0	9.2825
NE+3.30	B8	8	Viva	5.4059	0	14.6992	0	0.4846	0	1.4934
NE+3.30	B8	8	Viva	5.9705	0	16.031	0	0.4846	0	-7.2559
NE+3.30	B8	8	Viva	6.16	0	16.1209	0	0.4846	0	-10.3059
NE+3.30	B8	8	Viva	6.16	0	20.0716	0	0.4846	0	-11.4084
NE+3.30	B8	8	Viva	6.535	0	20.211	0	0.4846	0	-18.9529
NE+3.30	B8	8	Psup	0.325	0	-39.1027	0	1.5515	0	-37.9014
NE+3.30	B8	8	Psup	0.8895	0	-36.807	0	1.5515	0	-16.3738
NE+3.30	B8	8	Psup	1.4541	0	-33.0276	0	1.5515	0	3.3236
NE+3.30	B8	8	Psup	2.0186	0	-30.9474	0	1.5515	0	21.2816
NE+3.30	B8	8	Psup	2.2867	0	-30.7068	0	1.5515	0	29.5335
NE+3.30	B8	8	Psup	2.2867	0	-5.1934	0	1.5515	0	30.6471
NE+3.30	B8	8	Psup	2.5832	0	-4.8991	0	1.5515	0	32.1579
NE+3.30	B8	8	Psup	3.1477	0	-2.7111	0	1.5515	0	34.4065
NE+3.30	B8	8	Psup	3.7123	0	1.0774	0	1.5515	0	34.8676
NE+3.30	B8	8	Psup	4.2768	0	3.2653	0	1.5515	0	33.5414
NE+3.30	B8	8	Psup	4.5733	0	3.5597	0	1.5515	0	32.515
NE+3.30	B8	8	Psup	4.5733	0	36.5455	0	1.5515	0	31.3738
NE+3.30	B8	8	Psup	4.8414	0	36.786	0	1.5515	0	21.5571
NE+3.30	B8	8	Psup	5.4059	0	38.856	0	1.5515	0	0.303
NE+3.30	B8	8	Psup	5.9705	0	40.6396	0	1.5515	0	-22.2368
NE+3.30	B8	8	Psup	6.16	0	40.7599	0	1.5515	0	-29.9551
NE+3.30	B8	8	Psup	6.16	0	47.5061	0	1.5515	0	-33.1177
NE+3.30	B8	8	Psup	6.535	0	47.9727	0	1.5515	0	-50.9913
NE+3.30	B8	8	Viva.cub	0.325	0	-0.2231	0	0.007	0	-0.6155
NE+3.30	B8	8	Viva.cub	0.8895	0	-0.2231	0	0.007	0	-0.4896
NE+3.30	B8	8	Viva.cub	1.4541	0	-0.2231	0	0.007	0	-0.3636

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B8	8	Viva.cub	2.0186	0	-0.2231	0	0.007	0	-0.2377
NE+3.30	B8	8	Viva.cub	2.2867	0	-0.2231	0	0.007	0	-0.1779
NE+3.30	B8	8	Viva.cub	2.2867	0	-0.2498	0	0.007	0	-0.1779
NE+3.30	B8	8	Viva.cub	2.5832	0	-0.2498	0	0.007	0	-0.1038
NE+3.30	B8	8	Viva.cub	3.1477	0	-0.2498	0	0.007	0	0.0372
NE+3.30	B8	8	Viva.cub	3.7123	0	-0.2498	0	0.007	0	0.1782
NE+3.30	B8	8	Viva.cub	4.2768	0	-0.2498	0	0.007	0	0.3192
NE+3.30	B8	8	Viva.cub	4.5733	0	-0.2498	0	0.007	0	0.3932
NE+3.30	B8	8	Viva.cub	4.5733	0	-0.2492	0	0.007	0	0.3932
NE+3.30	B8	8	Viva.cub	4.8414	0	-0.2492	0	0.007	0	0.46
NE+3.30	B8	8	Viva.cub	5.4059	0	-0.2492	0	0.007	0	0.6007
NE+3.30	B8	8	Viva.cub	5.9705	0	-0.2492	0	0.007	0	0.7414
NE+3.30	B8	8	Viva.cub	6.16	0	-0.2492	0	0.007	0	0.7886
NE+3.30	B8	8	Viva.cub	6.16	0	-0.2492	0	0.007	0	0.7954
NE+3.30	B8	8	Viva.cub	6.535	0	-0.2492	0	0.007	0	0.8889
NE+3.30	B8	8	DISX-COMB Max	0.325	0	21.262	0	12.0099	0	69.5973
NE+3.30	B8	8	DISX-COMB Max	0.8895	0	21.262	0	12.0099	0	57.7361
NE+3.30	B8	8	DISX-COMB Max	1.4541	0	21.262	0	12.0099	0	45.9489
NE+3.30	B8	8	DISX-COMB Max	2.0186	0	21.262	0	12.0099	0	34.3118
NE+3.30	B8	8	DISX-COMB Max	2.2867	0	21.262	0	12.0099	0	28.892
NE+3.30	B8	8	DISX-COMB Max	2.2867	0	17.1311	0	12.0099	0	28.9594
NE+3.30	B8	8	DISX-COMB Max	2.5832	0	17.1311	0	12.0099	0	23.9079
NE+3.30	B8	8	DISX-COMB Max	3.1477	0	17.1311	0	12.0099	0	14.345
NE+3.30	B8	8	DISX-COMB Max	3.7123	0	17.1311	0	12.0099	0	5.2
NE+3.30	B8	8	DISX-COMB Max	4.2768	0	17.1311	0	12.0099	0	5.9471
NE+3.30	B8	8	DISX-COMB Max	4.5733	0	17.1311	0	12.0099	0	10.7084
NE+3.30	B8	8	DISX-COMB Max	4.5733	0	17.2341	0	12.0099	0	10.5663
NE+3.30	B8	8	DISX-COMB Max	4.8414	0	17.2341	0	12.0099	0	15.0812
NE+3.30	B8	8	DISX-COMB Max	5.4059	0	17.2341	0	12.0099	0	24.7174
NE+3.30	B8	8	DISX-COMB Max	5.9705	0	17.2341	0	12.0099	0	34.4061
NE+3.30	B8	8	DISX-COMB Max	6.16	0	17.2341	0	12.0099	0	37.6638
NE+3.30	B8	8	DISX-COMB Max	6.16	0	17.2341	0	12.0099	0	38.3621
NE+3.30	B8	8	DISX-COMB Max	6.535	0	17.2341	0	12.0099	0	44.8054
NE+3.30	B8	8	DISY-COMB Max	0.325	0	49.15	0	1.8145	0	204.1469
NE+3.30	B8	8	DISY-COMB Max	0.8895	0	49.15	0	1.8145	0	176.4016
NE+3.30	B8	8	DISY-COMB Max	1.4541	0	49.15	0	1.8145	0	148.657
NE+3.30	B8	8	DISY-COMB Max	2.0186	0	49.15	0	1.8145	0	120.9139
NE+3.30	B8	8	DISY-COMB Max	2.2867	0	49.15	0	1.8145	0	107.743
NE+3.30	B8	8	DISY-COMB Max	2.2867	0	59.9432	0	1.8145	0	107.7981
NE+3.30	B8	8	DISY-COMB Max	2.5832	0	59.9432	0	1.8145	0	90.0247
NE+3.30	B8	8	DISY-COMB Max	3.1477	0	59.9432	0	1.8145	0	56.1868
NE+3.30	B8	8	DISY-COMB Max	3.7123	0	59.9432	0	1.8145	0	22.3568
NE+3.30	B8	8	DISY-COMB Max	4.2768	0	59.9432	0	1.8145	0	11.5362
NE+3.30	B8	8	DISY-COMB Max	4.5733	0	59.9432	0	1.8145	0	29.2893
NE+3.30	B8	8	DISY-COMB Max	4.5733	0	59.9091	0	1.8145	0	29.118

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B8	8	DISY-COMB Max	4.8414	0	59.9091	0	1.8145	0	45.1692
NE+3.30	B8	8	DISY-COMB Max	5.4059	0	59.9091	0	1.8145	0	78.9857
NE+3.30	B8	8	DISY-COMB Max	5.9705	0	59.9091	0	1.8145	0	112.8051
NE+3.30	B8	8	DISY-COMB Max	6.16	0	59.9091	0	1.8145	0	124.1602
NE+3.30	B8	8	DISY-COMB Max	6.16	0	59.9091	0	1.8145	0	124.9612
NE+3.30	B8	8	DISY-COMB Max	6.535	0	59.9091	0	1.8145	0	147.4264
NE+3.30	B8	8	B241	0.325	0	-78.0563	0	2.7766	0	-76.4322
NE+3.30	B8	8	B241	0.8895	0	-71.9506	0	2.7766	0	-33.9592
NE+3.30	B8	8	B241	1.4541	0	-63.9216	0	2.7766	0	4.3743
NE+3.30	B8	8	B241	2.0186	0	-58.0951	0	2.7766	0	38.6861
NE+3.30	B8	8	B241	2.2867	0	-56.2973	0	2.7766	0	54.0025
NE+3.30	B8	8	B241	2.2867	0	-14.2903	0	2.7767	0	55.7103
NE+3.30	B8	8	B241	2.5832	0	-12.2649	0	2.7767	0	59.6661
NE+3.30	B8	8	B241	3.1477	0	-6.2988	0	2.7767	0	65.0363
NE+3.30	B8	8	B241	3.7123	0	1.742	0	2.7767	0	66.3225
NE+3.30	B8	8	B241	4.2768	0	7.7081	0	2.7767	0	63.5249
NE+3.30	B8	8	B241	4.5733	0	9.7335	0	2.7767	0	60.9202
NE+3.30	B8	8	B241	4.5733	0	65.3888	0	2.7766	0	59.1819
NE+3.30	B8	8	B241	4.8414	0	67.1865	0	2.7766	0	41.4287
NE+3.30	B8	8	B241	5.4059	0	72.9996	0	2.7766	0	1.9846
NE+3.30	B8	8	B241	5.9705	0	78.4415	0	2.7766	0	-40.8933
NE+3.30	B8	8	B241	6.16	0	79.6483	0	2.7766	0	-55.8808
NE+3.30	B8	8	B241	6.16	0	91.7475	0	2.7766	0	-60.7626
NE+3.30	B8	8	B241	6.535	0	94.4314	0	2.7766	0	-95.634
NE+3.30	B8	8	B242	0.325	0	-88.0899	0	3.1588	0	-89.906
NE+3.30	B8	8	B242	0.8895	0	-81.7595	0	3.1588	0	-41.8026
NE+3.30	B8	8	B242	1.4541	0	-73.0712	0	3.1588	0	1.878
NE+3.30	B8	8	B242	2.0186	0	-67.083	0	3.1588	0	41.2802
NE+3.30	B8	8	B242	2.2867	0	-65.4271	0	3.1588	0	59.0215
NE+3.30	B8	8	B242	2.2867	0	-17.8071	0	3.1588	0	60.9601
NE+3.30	B8	8	B242	2.5832	0	-15.9303	0	3.1588	0	65.985
NE+3.30	B8	8	B242	3.1477	0	-9.771	0	3.1588	0	73.3993
NE+3.30	B8	8	B242	3.7123	0	-1.0683	0	3.1588	0	76.459
NE+3.30	B8	8	B242	4.2768	0	5.0911	0	3.1588	0	75.1639
NE+3.30	B8	8	B242	4.5733	0	6.9678	0	3.1588	0	73.353
NE+3.30	B8	8	B242	4.5733	0	76.6812	0	3.1588	0	71.3655
NE+3.30	B8	8	B242	4.8414	0	78.5095	0	3.1588	0	50.5924
NE+3.30	B8	8	B242	5.4059	0	85.9652	0	3.1588	0	4.3908
NE+3.30	B8	8	B242	5.9705	0	92.7606	0	3.1588	0	-46.2902
NE+3.30	B8	8	B242	6.16	0	93.9387	0	3.1588	0	-63.9929
NE+3.30	B8	8	B242	6.16	0	110.6306	0	3.1588	0	-69.938
NE+3.30	B8	8	B242	6.535	0	113.1541	0	3.1588	0	-111.8521
NE+3.30	B9	9	Pprop	0.225	0	-19.0746	0	-0.2562	0	-20.6332
NE+3.30	B9	9	Pprop	0.8068	0	-16.5863	0	-0.2562	0	-10.2592
NE+3.30	B9	9	Pprop	1.3886	0	-14.098	0	-0.2562	0	-1.3328

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B9	9	Pprop	1.9705	0	-11.6096	0	-0.2562	0	6.1457
NE+3.30	B9	9	Pprop	2.5523	0	-9.1213	0	-0.2562	0	12.1766
NE+3.30	B9	9	Pprop	3.1341	0	-6.633	0	-0.2562	0	16.7596
NE+3.30	B9	9	Pprop	3.7159	0	-4.1447	0	-0.2562	0	19.895
NE+3.30	B9	9	Pprop	4.2977	0	-1.6564	0	-0.2562	0	21.5825
NE+3.30	B9	9	Pprop	4.61	0	-0.3208	0	-0.2562	0	21.8913
NE+3.30	B9	9	Pprop	4.61	0	16.2847	0	0.5549	0	22.1638
NE+3.30	B9	9	Pprop	4.8795	0	17.4375	0	0.5549	0	17.6189
NE+3.30	B9	9	Pprop	5.4614	0	19.9258	0	0.5549	0	6.7496
NE+3.30	B9	9	Pprop	6.0432	0	22.4141	0	0.5549	0	-5.5675
NE+3.30	B9	9	Pprop	6.625	0	24.9024	0	0.5549	0	-19.3323
NE+3.30	B9	9	Viva	0.225	0	-16.7032	0	-0.701	0	-20.1094
NE+3.30	B9	9	Viva	0.8068	0	-15.5025	0	-0.701	0	-10.6748
NE+3.30	B9	9	Viva	1.3886	0	-13.2115	0	-0.701	0	-2.2972
NE+3.30	B9	9	Viva	1.9705	0	-10.7902	0	-0.701	0	4.6851
NE+3.30	B9	9	Viva	2.5523	0	-8.3688	0	-0.701	0	10.2587
NE+3.30	B9	9	Viva	3.1341	0	-5.9475	0	-0.701	0	14.4234
NE+3.30	B9	9	Viva	3.7159	0	-3.5902	0	-0.701	0	17.1846
NE+3.30	B9	9	Viva	4.2977	0	-2.1864	0	-0.701	0	18.7994
NE+3.30	B9	9	Viva	4.61	0	-1.9914	0	-0.701	0	19.4416
NE+3.30	B9	9	Viva	4.61	0	16.855	0	1.818	0	19.5018
NE+3.30	B9	9	Viva	4.8795	0	16.9277	0	1.818	0	14.9521
NE+3.30	B9	9	Viva	5.4614	0	17.5798	0	1.818	0	4.9464
NE+3.30	B9	9	Viva	6.0432	0	18.7129	0	1.818	0	-5.6153
NE+3.30	B9	9	Viva	6.625	0	19.3132	0	1.818	0	-16.7102
NE+3.30	B9	9	Psup	0.225	0	-50.2588	0	-2.559	0	-55.5064
NE+3.30	B9	9	Psup	0.8068	0	-46.239	0	-2.559	0	-27.2145
NE+3.30	B9	9	Psup	1.3886	0	-38.5687	0	-2.559	0	-2.4613
NE+3.30	B9	9	Psup	1.9705	0	-30.4621	0	-2.559	0	17.6204
NE+3.30	B9	9	Psup	2.5523	0	-22.3555	0	-2.559	0	32.9855
NE+3.30	B9	9	Psup	3.1341	0	-14.2488	0	-2.559	0	43.634
NE+3.30	B9	9	Psup	3.7159	0	-6.3565	0	-2.559	0	49.5833
NE+3.30	B9	9	Psup	4.2977	0	-1.6567	0	-2.559	0	51.6946
NE+3.30	B9	9	Psup	4.61	0	-1.0037	0	-2.559	0	52.076
NE+3.30	B9	9	Psup	4.61	0	46.0751	0	7.8545	0	51.8602
NE+3.30	B9	9	Psup	4.8795	0	46.3183	0	7.8545	0	39.419
NE+3.30	B9	9	Psup	5.4614	0	48.5018	0	7.8545	0	11.9449
NE+3.30	B9	9	Psup	6.0432	0	52.2951	0	7.8545	0	-17.3904
NE+3.30	B9	9	Psup	6.625	0	54.305	0	7.8545	0	-48.5113
NE+3.30	B9	9	Viva.cub	0.225	0	-0.0683	0	-0.0165	0	-0.1747
NE+3.30	B9	9	Viva.cub	0.8068	0	-0.0683	0	-0.0165	0	-0.135
NE+3.30	B9	9	Viva.cub	1.3886	0	-0.0683	0	-0.0165	0	-0.0952
NE+3.30	B9	9	Viva.cub	1.9705	0	-0.0683	0	-0.0165	0	-0.0555
NE+3.30	B9	9	Viva.cub	2.5523	0	-0.0683	0	-0.0165	0	-0.0158
NE+3.30	B9	9	Viva.cub	3.1341	0	-0.0683	0	-0.0165	0	0.024

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B9	9	Viva.cub	3.7159	0	-0.0683	0	-0.0165	0	0.0637
NE+3.30	B9	9	Viva.cub	4.2977	0	-0.0683	0	-0.0165	0	0.1034
NE+3.30	B9	9	Viva.cub	4.61	0	-0.0683	0	-0.0165	0	0.1247
NE+3.30	B9	9	Viva.cub	4.61	0	0.0005	0	0.0358	0	0.1271
NE+3.30	B9	9	Viva.cub	4.8795	0	0.0005	0	0.0358	0	0.1269
NE+3.30	B9	9	Viva.cub	5.4614	0	0.0005	0	0.0358	0	0.1267
NE+3.30	B9	9	Viva.cub	6.0432	0	0.0005	0	0.0358	0	0.1264
NE+3.30	B9	9	Viva.cub	6.625	0	0.0005	0	0.0358	0	0.1261
NE+3.30	B9	9	DISX-COMB Max	0.225	0	59.6161	0	1.1427	0	175.0075
NE+3.30	B9	9	DISX-COMB Max	0.8068	0	59.6161	0	1.1427	0	140.3958
NE+3.30	B9	9	DISX-COMB Max	1.3886	0	59.6161	0	1.1427	0	105.8325
NE+3.30	B9	9	DISX-COMB Max	1.9705	0	59.6161	0	1.1427	0	71.3882
NE+3.30	B9	9	DISX-COMB Max	2.5523	0	59.6161	0	1.1427	0	37.3927
NE+3.30	B9	9	DISX-COMB Max	3.1341	0	59.6161	0	1.1427	0	10.3131
NE+3.30	B9	9	DISX-COMB Max	3.7159	0	59.6161	0	1.1427	0	34.9385
NE+3.30	B9	9	DISX-COMB Max	4.2977	0	59.6161	0	1.1427	0	68.8567
NE+3.30	B9	9	DISX-COMB Max	4.61	0	59.6161	0	1.1427	0	87.3102
NE+3.30	B9	9	DISX-COMB Max	4.61	0	86.0356	0	3.5457	0	80.7263
NE+3.30	B9	9	DISX-COMB Max	4.8795	0	86.0356	0	3.5457	0	103.7115
NE+3.30	B9	9	DISX-COMB Max	5.4614	0	86.0356	0	3.5457	0	153.5361
NE+3.30	B9	9	DISX-COMB Max	6.0432	0	86.0356	0	3.5457	0	203.4748
NE+3.30	B9	9	DISX-COMB Max	6.625	0	86.0356	0	3.5457	0	253.4602
NE+3.30	B9	9	DISY-COMB Max	0.225	0	8.732	0	4.9292	0	15.8355
NE+3.30	B9	9	DISY-COMB Max	0.8068	0	8.732	0	4.9292	0	11.167
NE+3.30	B9	9	DISY-COMB Max	1.3886	0	8.732	0	4.9292	0	7.0896
NE+3.30	B9	9	DISY-COMB Max	1.9705	0	8.732	0	4.9292	0	5.2386
NE+3.30	B9	9	DISY-COMB Max	2.5523	0	8.732	0	4.9292	0	7.4997
NE+3.30	B9	9	DISY-COMB Max	3.1341	0	8.732	0	4.9292	0	11.6905
NE+3.30	B9	9	DISY-COMB Max	3.7159	0	8.732	0	4.9292	0	16.3925
NE+3.30	B9	9	DISY-COMB Max	4.2977	0	8.732	0	4.9292	0	21.2692
NE+3.30	B9	9	DISY-COMB Max	4.61	0	8.732	0	4.9292	0	23.9217
NE+3.30	B9	9	DISY-COMB Max	4.61	0	24.21	0	14.1693	0	26.8193
NE+3.30	B9	9	DISY-COMB Max	4.8795	0	24.21	0	14.1693	0	21.5272
NE+3.30	B9	9	DISY-COMB Max	5.4614	0	24.21	0	14.1693	0	14.1944
NE+3.30	B9	9	DISY-COMB Max	6.0432	0	24.21	0	14.1693	0	18.3402
NE+3.30	B9	9	DISY-COMB Max	6.625	0	24.21	0	14.1693	0	29.4629
NE+3.30	B9	9	B241	0.225	0	-89.8767	0	-3.6494	0	-98.6995
NE+3.30	B9	9	B241	0.8068	0	-81.4402	0	-3.6494	0	-48.577
NE+3.30	B9	9	B241	1.3886	0	-68.2716	0	-3.6494	0	-4.9183
NE+3.30	B9	9	B241	1.9705	0	-54.5374	0	-3.6494	0	30.808
NE+3.30	B9	9	B241	2.5523	0	-40.8032	0	-3.6494	0	58.5434
NE+3.30	B9	9	B241	3.1341	0	-27.069	0	-3.6494	0	78.2881
NE+3.30	B9	9	B241	3.7159	0	-13.6126	0	-3.6494	0	90.0645
NE+3.30	B9	9	B241	4.2977	0	-4.2947	0	-3.6494	0	94.9889
NE+3.30	B9	9	B241	4.61	0	-1.717	0	-3.6494	0	95.8835

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B9	9	B241	4.61	0	80.8367	0	10.9011	0	95.957
NE+3.30	B9	9	B241	4.8795	0	82.6464	0	10.9011	0	73.9381
NE+3.30	B9	9	B241	5.4614	0	88.7024	0	10.9011	0	24.2336
NE+3.30	B9	9	B241	6.0432	0	96.8453	0	10.9011	0	-29.7602
NE+3.30	B9	9	B241	6.625	0	102.6764	0	10.9011	0	-87.9454
NE+3.30	B9	9	B242	0.225	0	-103.7964	0	-4.2579	0	-116.862
NE+3.30	B9	9	B242	0.8068	0	-94.6441	0	-4.2579	0	-58.7846
NE+3.30	B9	9	B242	1.3886	0	-79.6911	0	-4.2579	0	-7.9388
NE+3.30	B9	9	B242	1.9705	0	-64.0448	0	-4.2579	0	33.8753
NE+3.30	B9	9	B242	2.5523	0	-48.3985	0	-4.2579	0	66.586
NE+3.30	B9	9	B242	3.1341	0	-32.7522	0	-4.2579	0	90.1935
NE+3.30	B9	9	B242	3.7159	0	-17.4464	0	-4.2579	0	104.7253
NE+3.30	B9	9	B242	4.2977	0	-7.2136	0	-4.2579	0	111.5498
NE+3.30	B9	9	B242	4.61	0	-4.6921	0	-4.2579	0	113.3547
NE+3.30	B9	9	B242	4.61	0	96.2569	0	12.2705	0	113.5153
NE+3.30	B9	9	B242	4.8795	0	97.9243	0	12.2705	0	87.3623
NE+3.30	B9	9	B242	5.4614	0	104.1586	0	12.2705	0	28.7492
NE+3.30	B9	9	B242	6.0432	0	112.9511	0	12.2705	0	-34.43
NE+3.30	B9	9	B242	6.625	0	118.9097	0	12.2705	0	-102.0551
NE+3.30	B10	10	Pprop	0.225	0	-14.2054	0	-0.3662	0	-22.1946
NE+3.30	B10	10	Pprop	0.7241	0	-12.0709	0	-0.3662	0	-15.6375
NE+3.30	B10	10	Pprop	1.2232	0	-9.9364	0	-0.3662	0	-10.1457
NE+3.30	B10	10	Pprop	1.7223	0	-7.8019	0	-0.3662	0	-5.7192
NE+3.30	B10	10	Pprop	2.2214	0	-5.6673	0	-0.3662	0	-2.358
NE+3.30	B10	10	Pprop	2.7205	0	-3.5328	0	-0.3662	0	-0.0622
NE+3.30	B10	10	Pprop	3.2195	0	-1.3983	0	-0.3662	0	1.1684
NE+3.30	B10	10	Pprop	3.7186	0	0.7362	0	-0.3662	0	1.3336
NE+3.30	B10	10	Pprop	4.2177	0	2.8707	0	-0.3662	0	0.4335
NE+3.30	B10	10	Pprop	4.7168	0	5.0052	0	-0.3662	0	-1.5319
NE+3.30	B10	10	Pprop	5.2159	0	7.1397	0	-0.3662	0	-4.5626
NE+3.30	B10	10	Pprop	5.715	0	9.2742	0	-0.3662	0	-8.6586
NE+3.30	B10	10	Viva	0.225	0	-20.2094	0	-0.8855	0	-29.152
NE+3.30	B10	10	Viva	0.7241	0	-18.5515	0	-0.8855	0	-19.4069
NE+3.30	B10	10	Viva	1.2232	0	-15.3604	0	-0.8855	0	-10.9047
NE+3.30	B10	10	Viva	1.7223	0	-11.8797	0	-0.8855	0	-4.107
NE+3.30	B10	10	Viva	2.2214	0	-8.3989	0	-0.8855	0	0.9534
NE+3.30	B10	10	Viva	2.7205	0	-4.9182	0	-0.8855	0	4.2766
NE+3.30	B10	10	Viva	3.2195	0	-1.4374	0	-0.8855	0	5.8626
NE+3.30	B10	10	Viva	3.7186	0	2.0433	0	-0.8855	0	5.7115
NE+3.30	B10	10	Viva	4.2177	0	5.524	0	-0.8855	0	3.8231
NE+3.30	B10	10	Viva	4.7168	0	9.0048	0	-0.8855	0	0.1975
NE+3.30	B10	10	Viva	5.2159	0	12.1959	0	-0.8855	0	-5.1327
NE+3.30	B10	10	Viva	5.715	0	13.8538	0	-0.8855	0	-11.7058
NE+3.30	B10	10	Psup	0.225	0	-39.0308	0	-1.9056	0	-57.7181
NE+3.30	B10	10	Psup	0.7241	0	-35.859	0	-1.9056	0	-38.8909

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B10	10	Psup	1.2232	0	-29.646	0	-1.9056	0	-22.4526
NE+3.30	B10	10	Psup	1.7223	0	-22.692	0	-1.9056	0	-9.3919
NE+3.30	B10	10	Psup	2.2214	0	-15.7381	0	-1.9056	0	0.1981
NE+3.30	B10	10	Psup	2.7205	0	-8.7841	0	-1.9056	0	6.3175
NE+3.30	B10	10	Psup	3.2195	0	-1.8301	0	-1.9056	0	8.9663
NE+3.30	B10	10	Psup	3.7186	0	5.1238	0	-1.9056	0	8.1444
NE+3.30	B10	10	Psup	4.2177	0	12.0778	0	-1.9056	0	3.8518
NE+3.30	B10	10	Psup	4.7168	0	19.0318	0	-1.9056	0	-3.9115
NE+3.30	B10	10	Psup	5.2159	0	25.2448	0	-1.9056	0	-15.0523
NE+3.30	B10	10	Psup	5.715	0	28.4166	0	-1.9056	0	-28.582
NE+3.30	B10	10	Viva.cub	0.225	0	-0.0508	0	0.0017	0	-0.1487
NE+3.30	B10	10	Viva.cub	0.7241	0	-0.0508	0	0.0017	0	-0.1234
NE+3.30	B10	10	Viva.cub	1.2232	0	-0.0508	0	0.0017	0	-0.098
NE+3.30	B10	10	Viva.cub	1.7223	0	-0.0508	0	0.0017	0	-0.0727
NE+3.30	B10	10	Viva.cub	2.2214	0	-0.0508	0	0.0017	0	-0.0473
NE+3.30	B10	10	Viva.cub	2.7205	0	-0.0508	0	0.0017	0	-0.0219
NE+3.30	B10	10	Viva.cub	3.2195	0	-0.0508	0	0.0017	0	0.0034
NE+3.30	B10	10	Viva.cub	3.7186	0	-0.0508	0	0.0017	0	0.0288
NE+3.30	B10	10	Viva.cub	4.2177	0	-0.0508	0	0.0017	0	0.0541
NE+3.30	B10	10	Viva.cub	4.7168	0	-0.0508	0	0.0017	0	0.0795
NE+3.30	B10	10	Viva.cub	5.2159	0	-0.0508	0	0.0017	0	0.1048
NE+3.30	B10	10	Viva.cub	5.715	0	-0.0508	0	0.0017	0	0.1302
NE+3.30	B10	10	DISX-COMB Max	0.225	0	67.1199	0	1.9161	0	191.2612
NE+3.30	B10	10	DISX-COMB Max	0.7241	0	67.1199	0	1.9161	0	157.7765
NE+3.30	B10	10	DISX-COMB Max	1.2232	0	67.1199	0	1.9161	0	124.2995
NE+3.30	B10	10	DISX-COMB Max	1.7223	0	67.1199	0	1.9161	0	90.8387
NE+3.30	B10	10	DISX-COMB Max	2.2214	0	67.1199	0	1.9161	0	57.4224
NE+3.30	B10	10	DISX-COMB Max	2.7205	0	67.1199	0	1.9161	0	24.2354
NE+3.30	B10	10	DISX-COMB Max	3.2195	0	67.1199	0	1.9161	0	11.0335
NE+3.30	B10	10	DISX-COMB Max	3.7186	0	67.1199	0	1.9161	0	43.5945
NE+3.30	B10	10	DISX-COMB Max	4.2177	0	67.1199	0	1.9161	0	76.9648
NE+3.30	B10	10	DISX-COMB Max	4.7168	0	67.1199	0	1.9161	0	110.4131
NE+3.30	B10	10	DISX-COMB Max	5.2159	0	67.1199	0	1.9161	0	143.8849
NE+3.30	B10	10	DISX-COMB Max	5.715	0	67.1199	0	1.9161	0	177.367
NE+3.30	B10	10	DISY-COMB Max	0.225	0	4.4107	0	2.1474	0	12.2756
NE+3.30	B10	10	DISY-COMB Max	0.7241	0	4.4107	0	2.1474	0	10.147
NE+3.30	B10	10	DISY-COMB Max	1.2232	0	4.4107	0	2.1474	0	8.0574
NE+3.30	B10	10	DISY-COMB Max	1.7223	0	4.4107	0	2.1474	0	6.0478
NE+3.30	B10	10	DISY-COMB Max	2.2214	0	4.4107	0	2.1474	0	4.2334
NE+3.30	B10	10	DISY-COMB Max	2.7205	0	4.4107	0	2.1474	0	2.9932
NE+3.30	B10	10	DISY-COMB Max	3.2195	0	4.4107	0	2.1474	0	3.1127
NE+3.30	B10	10	DISY-COMB Max	3.7186	0	4.4107	0	2.1474	0	4.4844
NE+3.30	B10	10	DISY-COMB Max	4.2177	0	4.4107	0	2.1474	0	6.3422
NE+3.30	B10	10	DISY-COMB Max	4.7168	0	4.4107	0	2.1474	0	8.3683
NE+3.30	B10	10	DISY-COMB Max	5.2159	0	4.4107	0	2.1474	0	10.4655

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B10	10	DISY-COMB Max	5.715	0	4.4107	0	2.1474	0	12.5983
NE+3.30	B10	10	B241	0.225	0	-69.0099	0	-2.9449	0	-103.5905
NE+3.30	B10	10	B241	0.7241	0	-62.1313	0	-2.9449	0	-70.685
NE+3.30	B10	10	B241	1.2232	0	-51.3105	0	-2.9449	0	-42.2571
NE+3.30	B10	10	B241	1.7223	0	-39.5291	0	-2.9449	0	-19.5885
NE+3.30	B10	10	B241	2.2214	0	-27.7478	0	-2.9449	0	-2.7999
NE+3.30	B10	10	B241	2.7205	0	-15.9664	0	-2.9449	0	8.1088
NE+3.30	B10	10	B241	3.2195	0	-4.185	0	-2.9449	0	13.1375
NE+3.30	B10	10	B241	3.7186	0	7.5963	0	-2.9449	0	12.2862
NE+3.30	B10	10	B241	4.2177	0	19.3777	0	-2.9449	0	5.555
NE+3.30	B10	10	B241	4.7168	0	31.159	0	-2.9449	0	-7.0562
NE+3.30	B10	10	B241	5.2159	0	41.9799	0	-2.9449	0	-25.4267
NE+3.30	B10	10	B241	5.715	0	48.8584	0	-2.9449	0	-48.2749
NE+3.30	B10	10	B242	0.225	0	-91.5118	0	-3.9402	0	-135.5095
NE+3.30	B10	10	B242	0.7241	0	-82.9633	0	-3.9402	0	-91.6998
NE+3.30	B10	10	B242	1.2232	0	-68.5825	0	-3.9402	0	-53.7168
NE+3.30	B10	10	B242	1.7223	0	-52.915	0	-3.9402	0	-23.3977
NE+3.30	B10	10	B242	2.2214	0	-37.2475	0	-3.9402	0	-0.8981
NE+3.30	B10	10	B242	2.7205	0	-21.58	0	-3.9402	0	13.782
NE+3.30	B10	10	B242	3.2195	0	-5.9125	0	-3.9402	0	20.6427
NE+3.30	B10	10	B242	3.7186	0	9.755	0	-3.9402	0	19.6838
NE+3.30	B10	10	B242	4.2177	0	25.4225	0	-3.9402	0	10.9054
NE+3.30	B10	10	B242	4.7168	0	41.09	0	-3.9402	0	-5.6925
NE+3.30	B10	10	B242	5.2159	0	55.4708	0	-3.9402	0	-29.9542
NE+3.30	B10	10	B242	5.715	0	64.0193	0	-3.9402	0	-60.0426
NE+3.30	B13	13	Pprop	0.225	0	-6.8995	0	-0.0769	0	-2.9214
NE+3.30	B13	13	Pprop	0.6386	0	-5.1305	0	-0.0769	0	-0.4334
NE+3.30	B13	13	Pprop	1.0523	0	-3.3615	0	-0.0769	0	1.3229
NE+3.30	B13	13	Pprop	1.4659	0	-1.5924	0	-0.0769	0	2.3475
NE+3.30	B13	13	Pprop	1.8795	0	0.1766	0	-0.0769	0	2.6403
NE+3.30	B13	13	Pprop	2.2932	0	1.9457	0	-0.0769	0	2.2013
NE+3.30	B13	13	Pprop	2.7068	0	3.7147	0	-0.0769	0	1.0307
NE+3.30	B13	13	Pprop	3.1205	0	5.4837	0	-0.0769	0	-0.8717
NE+3.30	B13	13	Pprop	3.5341	0	7.2528	0	-0.0769	0	-3.5059
NE+3.30	B13	13	Pprop	3.9477	0	9.0218	0	-0.0769	0	-6.8718
NE+3.30	B13	13	Pprop	4.3614	0	10.7909	0	-0.0769	0	-10.9694
NE+3.30	B13	13	Pprop	4.775	0	12.5599	0	-0.0769	0	-15.7987
NE+3.30	B13	13	Viva	0.225	0	-14.3385	0	-0.3294	0	-7.2768
NE+3.30	B13	13	Viva	0.6386	0	-12.5524	0	-0.3294	0	-1.6563
NE+3.30	B13	13	Viva	1.0523	0	-9.0882	0	-0.3294	0	2.8728
NE+3.30	B13	13	Viva	1.4659	0	-4.8054	0	-0.3294	0	5.7499
NE+3.30	B13	13	Viva	1.8795	0	-0.5018	0	-0.3294	0	6.8476
NE+3.30	B13	13	Viva	2.2932	0	3.8017	0	-0.3294	0	6.1651
NE+3.30	B13	13	Viva	2.7068	0	8.1052	0	-0.3294	0	3.7025
NE+3.30	B13	13	Viva	3.1205	0	12.4088	0	-0.3294	0	-0.5401

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B13	13	Viva	3.5341	0	16.7123	0	-0.3294	0	-6.5629
NE+3.30	B13	13	Viva	3.9477	0	20.9951	0	-0.3294	0	-14.3652
NE+3.30	B13	13	Viva	4.3614	0	24.4593	0	-0.3294	0	-23.8194
NE+3.30	B13	13	Viva	4.775	0	26.2455	0	-0.3294	0	-34.365
NE+3.30	B13	13	Psup	0.225	0	-19.484	0	-0.5363	0	-10.0876
NE+3.30	B13	13	Psup	0.6386	0	-17.092	0	-0.5363	0	-2.444
NE+3.30	B13	13	Psup	1.0523	0	-12.4527	0	-0.5363	0	3.7379
NE+3.30	B13	13	Psup	1.4659	0	-6.7172	0	-0.5363	0	7.7075
NE+3.30	B13	13	Psup	1.8795	0	-0.9539	0	-0.5363	0	9.294
NE+3.30	B13	13	Psup	2.2932	0	4.8094	0	-0.5363	0	8.4966
NE+3.30	B13	13	Psup	2.7068	0	10.5727	0	-0.5363	0	5.3153
NE+3.30	B13	13	Psup	3.1205	0	16.336	0	-0.5363	0	-0.2499
NE+3.30	B13	13	Psup	3.5341	0	22.0993	0	-0.5363	0	-8.199
NE+3.30	B13	13	Psup	3.9477	0	27.8349	0	-0.5363	0	-18.5312
NE+3.30	B13	13	Psup	4.3614	0	32.4741	0	-0.5363	0	-31.0757
NE+3.30	B13	13	Psup	4.775	0	34.8661	0	-0.5363	0	-45.0819
NE+3.30	B13	13	Viva.cub	0.225	0	-0.0234	0	-0.0019	0	-0.0065
NE+3.30	B13	13	Viva.cub	0.6386	0	-0.0234	0	-0.0019	0	0.0032
NE+3.30	B13	13	Viva.cub	1.0523	0	-0.0234	0	-0.0019	0	0.0129
NE+3.30	B13	13	Viva.cub	1.4659	0	-0.0234	0	-0.0019	0	0.0226
NE+3.30	B13	13	Viva.cub	1.8795	0	-0.0234	0	-0.0019	0	0.0322
NE+3.30	B13	13	Viva.cub	2.2932	0	-0.0234	0	-0.0019	0	0.0419
NE+3.30	B13	13	Viva.cub	2.7068	0	-0.0234	0	-0.0019	0	0.0516
NE+3.30	B13	13	Viva.cub	3.1205	0	-0.0234	0	-0.0019	0	0.0612
NE+3.30	B13	13	Viva.cub	3.5341	0	-0.0234	0	-0.0019	0	0.0709
NE+3.30	B13	13	Viva.cub	3.9477	0	-0.0234	0	-0.0019	0	0.0806
NE+3.30	B13	13	Viva.cub	4.3614	0	-0.0234	0	-0.0019	0	0.0902
NE+3.30	B13	13	Viva.cub	4.775	0	-0.0234	0	-0.0019	0	0.0999
NE+3.30	B13	13	DISX-COMB Max	0.225	0	83.2363	0	1.465	0	176.8392
NE+3.30	B13	13	DISX-COMB Max	0.6386	0	83.2363	0	1.465	0	142.4542
NE+3.30	B13	13	DISX-COMB Max	1.0523	0	83.2363	0	1.465	0	108.0975
NE+3.30	B13	13	DISX-COMB Max	1.4659	0	83.2363	0	1.465	0	73.8087
NE+3.30	B13	13	DISX-COMB Max	1.8795	0	83.2363	0	1.465	0	39.7639
NE+3.30	B13	13	DISX-COMB Max	2.2932	0	83.2363	0	1.465	0	9.2418
NE+3.30	B13	13	DISX-COMB Max	2.7068	0	83.2363	0	1.465	0	30.991
NE+3.30	B13	13	DISX-COMB Max	3.1205	0	83.2363	0	1.465	0	64.8557
NE+3.30	B13	13	DISX-COMB Max	3.5341	0	83.2363	0	1.465	0	99.1104
NE+3.30	B13	13	DISX-COMB Max	3.9477	0	83.2363	0	1.465	0	133.4551
NE+3.30	B13	13	DISX-COMB Max	4.3614	0	83.2363	0	1.465	0	167.8346
NE+3.30	B13	13	DISX-COMB Max	4.775	0	83.2363	0	1.465	0	202.2311
NE+3.30	B13	13	DISY-COMB Max	0.225	0	5.3374	0	2.1706	0	11.473
NE+3.30	B13	13	DISY-COMB Max	0.6386	0	5.3374	0	2.1706	0	9.2726
NE+3.30	B13	13	DISY-COMB Max	1.0523	0	5.3374	0	2.1706	0	7.0767
NE+3.30	B13	13	DISY-COMB Max	1.4659	0	5.3374	0	2.1706	0	4.8914
NE+3.30	B13	13	DISY-COMB Max	1.8795	0	5.3374	0	2.1706	0	2.7425

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B13	13	DISY-COMB Max	2.2932	0	5.3374	0	2.1706	0	0.9298
NE+3.30	B13	13	DISY-COMB Max	2.7068	0	5.3374	0	2.1706	0	1.989
NE+3.30	B13	13	DISY-COMB Max	3.1205	0	5.3374	0	2.1706	0	4.0982
NE+3.30	B13	13	DISY-COMB Max	3.5341	0	5.3374	0	2.1706	0	6.2756
NE+3.30	B13	13	DISY-COMB Max	3.9477	0	5.3374	0	2.1706	0	8.4687
NE+3.30	B13	13	DISY-COMB Max	4.3614	0	5.3374	0	2.1706	0	10.6678
NE+3.30	B13	13	DISY-COMB Max	4.775	0	5.3374	0	2.1706	0	12.8699
NE+3.30	B13	13	B241	0.225	0	-34.2009	0	-0.7948	0	-16.8635
NE+3.30	B13	13	B241	0.6386	0	-28.8069	0	-0.7948	0	-3.73
NE+3.30	B13	13	B241	1.0523	0	-20.4999	0	-0.7948	0	6.5603
NE+3.30	B13	13	B241	1.4659	0	-10.7717	0	-0.7948	0	13.0342
NE+3.30	B13	13	B241	1.8795	0	-1.0076	0	-0.7948	0	15.4704
NE+3.30	B13	13	B241	2.2932	0	8.7566	0	-0.7948	0	13.8677
NE+3.30	B13	13	B241	2.7068	0	18.5207	0	-0.7948	0	8.2263
NE+3.30	B13	13	B241	3.1205	0	28.2849	0	-0.7948	0	-1.454
NE+3.30	B13	13	B241	3.5341	0	38.049	0	-0.7948	0	-15.173
NE+3.30	B13	13	B241	3.9477	0	47.7772	0	-0.7948	0	-32.9298
NE+3.30	B13	13	B241	4.3614	0	56.0842	0	-0.7948	0	-54.5029
NE+3.30	B13	13	B241	4.775	0	61.4782	0	-0.7948	0	-78.9194
NE+3.30	B13	13	B242	0.225	0	-52.2684	0	-1.2093	0	-26.1005
NE+3.30	B13	13	B242	0.6386	0	-44.7871	0	-1.2093	0	-5.8455
NE+3.30	B13	13	B242	1.0523	0	-32.1241	0	-1.2093	0	10.2261
NE+3.30	B13	13	B242	1.4659	0	-16.9332	0	-1.2093	0	20.3834
NE+3.30	B13	13	B242	1.8795	0	-1.6783	0	-1.2093	0	24.2325
NE+3.30	B13	13	B242	2.2932	0	13.5767	0	-1.2093	0	21.7717
NE+3.30	B13	13	B242	2.7068	0	28.8316	0	-1.2093	0	13.0009
NE+3.30	B13	13	B242	3.1205	0	44.0865	0	-1.2093	0	-2.0799
NE+3.30	B13	13	B242	3.5341	0	59.3415	0	-1.2093	0	-23.4706
NE+3.30	B13	13	B242	3.9477	0	74.5324	0	-1.2093	0	-51.1695
NE+3.30	B13	13	B242	4.3614	0	87.1954	0	-1.2093	0	-84.7827
NE+3.30	B13	13	B242	4.775	0	94.6766	0	-1.2093	0	-122.5793
NE+3.30	B14	14	Pprop	0.225	0	-6.6976	0	-0.0305	0	-1.9981
NE+3.30	B14	14	Pprop	0.5232	0	-5.4223	0	-0.0305	0	-0.1911
NE+3.30	B14	14	Pprop	0.8214	0	-4.147	0	-0.0305	0	1.2356
NE+3.30	B14	14	Pprop	1.1195	0	-2.8718	0	-0.0305	0	2.282
NE+3.30	B14	14	Pprop	1.4177	0	-1.5965	0	-0.0305	0	2.9482
NE+3.30	B14	14	Pprop	1.7159	0	-0.3212	0	-0.0305	0	3.2341
NE+3.30	B14	14	Pprop	2.0141	0	0.954	0	-0.0305	0	3.1398
NE+3.30	B14	14	Pprop	2.3123	0	2.2293	0	-0.0305	0	2.6652
NE+3.30	B14	14	Pprop	2.6105	0	3.5045	0	-0.0305	0	1.8103
NE+3.30	B14	14	Pprop	2.9086	0	4.7798	0	-0.0305	0	0.5752
NE+3.30	B14	14	Pprop	3.2068	0	6.0551	0	-0.0305	0	-1.0402
NE+3.30	B14	14	Pprop	3.505	0	7.3303	0	-0.0305	0	-3.0358
NE+3.30	B14	14	Viva	0.225	0	-12.3941	0	-0.6369	0	-3.8844
NE+3.30	B14	14	Viva	0.5232	0	-11.2786	0	-0.6369	0	-0.3329

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B14	14	Viva	0.8214	0	-9.274	0	-0.6369	0	2.7534
NE+3.30	B14	14	Viva	1.1195	0	-6.4632	0	-0.6369	0	5.1144
NE+3.30	B14	14	Viva	1.4177	0	-3.3623	0	-0.6369	0	6.5795
NE+3.30	B14	14	Viva	1.7159	0	-0.2599	0	-0.6369	0	7.1195
NE+3.30	B14	14	Viva	2.0141	0	2.8424	0	-0.6369	0	6.7345
NE+3.30	B14	14	Viva	2.3123	0	5.9447	0	-0.6369	0	5.4244
NE+3.30	B14	14	Viva	2.6105	0	9.0457	0	-0.6369	0	3.1893
NE+3.30	B14	14	Viva	2.9086	0	11.8565	0	-0.6369	0	0.0582
NE+3.30	B14	14	Viva	3.2068	0	13.8611	0	-0.6369	0	-3.7982
NE+3.30	B14	14	Viva	3.505	0	14.9766	0	-0.6369	0	-8.1197
NE+3.30	B14	14	Psup	0.225	0	-16.722	0	-0.8757	0	-5.4599
NE+3.30	B14	14	Psup	0.5232	0	-15.2282	0	-0.8757	0	-0.6668
NE+3.30	B14	14	Psup	0.8214	0	-12.5436	0	-0.8757	0	3.5033
NE+3.30	B14	14	Psup	1.1195	0	-8.7793	0	-0.8757	0	6.7021
NE+3.30	B14	14	Psup	1.4177	0	-4.6266	0	-0.8757	0	8.7011
NE+3.30	B14	14	Psup	1.7159	0	-0.4719	0	-0.8757	0	9.4612
NE+3.30	B14	14	Psup	2.0141	0	3.6827	0	-0.8757	0	8.9825
NE+3.30	B14	14	Psup	2.3123	0	7.8374	0	-0.8757	0	7.265
NE+3.30	B14	14	Psup	2.6105	0	11.9901	0	-0.8757	0	4.3086
NE+3.30	B14	14	Psup	2.9086	0	15.7544	0	-0.8757	0	0.1524
NE+3.30	B14	14	Psup	3.2068	0	18.439	0	-0.8757	0	-4.9751
NE+3.30	B14	14	Psup	3.505	0	19.9328	0	-0.8757	0	-10.7256
NE+3.30	B14	14	Viva.cub	0.225	0	-0.2971	0	-0.0094	0	-0.4892
NE+3.30	B14	14	Viva.cub	0.5232	0	-0.2971	0	-0.0094	0	-0.4006
NE+3.30	B14	14	Viva.cub	0.8214	0	-0.2971	0	-0.0094	0	-0.312
NE+3.30	B14	14	Viva.cub	1.1195	0	-0.2971	0	-0.0094	0	-0.2234
NE+3.30	B14	14	Viva.cub	1.4177	0	-0.2971	0	-0.0094	0	-0.1348
NE+3.30	B14	14	Viva.cub	1.7159	0	-0.2971	0	-0.0094	0	-0.0462
NE+3.30	B14	14	Viva.cub	2.0141	0	-0.2971	0	-0.0094	0	0.0424
NE+3.30	B14	14	Viva.cub	2.3123	0	-0.2971	0	-0.0094	0	0.131
NE+3.30	B14	14	Viva.cub	2.6105	0	-0.2971	0	-0.0094	0	0.2196
NE+3.30	B14	14	Viva.cub	2.9086	0	-0.2971	0	-0.0094	0	0.3082
NE+3.30	B14	14	Viva.cub	3.2068	0	-0.2971	0	-0.0094	0	0.3968
NE+3.30	B14	14	Viva.cub	3.505	0	-0.2971	0	-0.0094	0	0.4854
NE+3.30	B14	14	DISX-COMB Max	0.225	0	115.1481	0	1.9277	0	188.5496
NE+3.30	B14	14	DISX-COMB Max	0.5232	0	115.1481	0	1.9277	0	154.3875
NE+3.30	B14	14	DISX-COMB Max	0.8214	0	115.1481	0	1.9277	0	120.324
NE+3.30	B14	14	DISX-COMB Max	1.1195	0	115.1481	0	1.9277	0	86.4755
NE+3.30	B14	14	DISX-COMB Max	1.4177	0	115.1481	0	1.9277	0	53.2537
NE+3.30	B14	14	DISX-COMB Max	1.7159	0	115.1481	0	1.9277	0	23.4882
NE+3.30	B14	14	DISX-COMB Max	2.0141	0	115.1481	0	1.9277	0	25.0046
NE+3.30	B14	14	DISX-COMB Max	2.3123	0	115.1481	0	1.9277	0	55.2861
NE+3.30	B14	14	DISX-COMB Max	2.6105	0	115.1481	0	1.9277	0	88.5758
NE+3.30	B14	14	DISX-COMB Max	2.9086	0	115.1481	0	1.9277	0	122.4442
NE+3.30	B14	14	DISX-COMB Max	3.2068	0	115.1481	0	1.9277	0	156.5161

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B14	14	DISX-COMB Max	3.505	0	115.1481	0	1.9277	0	190.6824
NE+3.30	B14	14	DISY-COMB Max	0.225	0	6.9735	0	7.0147	0	11.1671
NE+3.30	B14	14	DISY-COMB Max	0.5232	0	6.9735	0	7.0147	0	9.1199
NE+3.30	B14	14	DISY-COMB Max	0.8214	0	6.9735	0	7.0147	0	7.0916
NE+3.30	B14	14	DISY-COMB Max	1.1195	0	6.9735	0	7.0147	0	5.1044
NE+3.30	B14	14	DISY-COMB Max	1.4177	0	6.9735	0	7.0147	0	3.2352
NE+3.30	B14	14	DISY-COMB Max	1.7159	0	6.9735	0	7.0147	0	1.8778
NE+3.30	B14	14	DISY-COMB Max	2.0141	0	6.9735	0	7.0147	0	2.2876
NE+3.30	B14	14	DISY-COMB Max	2.3123	0	6.9735	0	7.0147	0	3.9481
NE+3.30	B14	14	DISY-COMB Max	2.6105	0	6.9735	0	7.0147	0	5.8813
NE+3.30	B14	14	DISY-COMB Max	2.9086	0	6.9735	0	7.0147	0	7.8892
NE+3.30	B14	14	DISY-COMB Max	3.2068	0	6.9735	0	7.0147	0	9.9265
NE+3.30	B14	14	DISY-COMB Max	3.505	0	6.9735	0	7.0147	0	11.9783
NE+3.30	B14	14	B241	0.225	0	-30.3587	0	-1.1747	0	-9.6677
NE+3.30	B14	14	B241	0.5232	0	-26.7692	0	-1.1747	0	-1.1121
NE+3.30	B14	14	B241	0.8214	0	-21.6361	0	-1.1747	0	6.143
NE+3.30	B14	14	B241	1.1195	0	-15.1033	0	-1.1747	0	11.6461
NE+3.30	B14	14	B241	1.4177	0	-8.067	0	-1.1747	0	15.101
NE+3.30	B14	14	B241	1.7159	0	-1.0282	0	-1.1747	0	16.457
NE+3.30	B14	14	B241	2.0141	0	6.0106	0	-1.1747	0	15.7141
NE+3.30	B14	14	B241	2.3123	0	13.0493	0	-1.1747	0	12.8725
NE+3.30	B14	14	B241	2.6105	0	20.0857	0	-1.1747	0	7.932
NE+3.30	B14	14	B241	2.9086	0	26.6184	0	-1.1747	0	0.9432
NE+3.30	B14	14	B241	3.2068	0	31.7515	0	-1.1747	0	-7.7976
NE+3.30	B14	14	B241	3.505	0	35.3411	0	-1.1747	0	-17.8388
NE+3.30	B14	14	B242	0.225	0	-46.0009	0	-2.0306	0	-14.7463
NE+3.30	B14	14	B242	0.5232	0	-41.1394	0	-2.0306	0	-1.6863
NE+3.30	B14	14	B242	0.8214	0	-33.5322	0	-2.0306	0	9.5148
NE+3.30	B14	14	B242	1.1195	0	-23.4353	0	-2.0306	0	18.0538
NE+3.30	B14	14	B242	1.4177	0	-12.4427	0	-2.0306	0	23.4035
NE+3.30	B14	14	B242	1.7159	0	-1.4457	0	-2.0306	0	25.4741
NE+3.30	B14	14	B242	2.0141	0	9.5512	0	-2.0306	0	24.2657
NE+3.30	B14	14	B242	2.3123	0	20.5482	0	-2.0306	0	19.7781
NE+3.30	B14	14	B242	2.6105	0	31.5408	0	-2.0306	0	12.0115
NE+3.30	B14	14	B242	2.9086	0	41.6377	0	-2.0306	0	1.0557
NE+3.30	B14	14	B242	3.2068	0	49.2448	0	-2.0306	0	-12.5623
NE+3.30	B14	14	B242	3.505	0	54.1064	0	-2.0306	0	-28.0393
NE+3.30	B15	15	Pprop	0.325	0	-19.6047	0	0.0014	0	-19.2195
NE+3.30	B15	15	Pprop	0.8895	0	-17.1902	0	0.0014	0	-8.8332
NE+3.30	B15	15	Pprop	1.4541	0	-14.7758	0	0.0014	0	0.1899
NE+3.30	B15	15	Pprop	2.0186	0	-12.3613	0	0.0014	0	7.85
NE+3.30	B15	15	Pprop	2.2867	0	-11.215	0	0.0014	0	11.0096
NE+3.30	B15	15	Pprop	2.2867	0	-5.6886	0	0.0014	0	11.4061
NE+3.30	B15	15	Pprop	2.5832	0	-4.4205	0	0.0014	0	12.9048
NE+3.30	B15	15	Pprop	3.1477	0	-2.006	0	0.0014	0	14.7188

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B15	15	Pprop	3.7123	0	0.4084	0	0.0014	0	15.1698
NE+3.30	B15	15	Pprop	4.2768	0	2.8228	0	0.0014	0	14.2577
NE+3.30	B15	15	Pprop	4.5733	0	4.091	0	0.0014	0	13.2327
NE+3.30	B15	15	Pprop	4.5733	0	9.5362	0	0.0014	0	12.8237
NE+3.30	B15	15	Pprop	4.8414	0	10.6825	0	0.0014	0	10.114
NE+3.30	B15	15	Pprop	5.4059	0	13.097	0	0.0014	0	3.4017
NE+3.30	B15	15	Pprop	5.54	0	13.6705	0	0.0014	0	1.6071
NE+3.30	B15	15	Pprop	5.54	0	18.988	0	0.0014	0	1.3179
NE+3.30	B15	15	Pprop	5.9705	0	20.8289	0	0.0014	0	-7.2518
NE+3.30	B15	15	Pprop	6.535	0	23.2434	0	0.0014	0	-19.6922
NE+3.30	B15	15	Viva	0.325	0	-20.9936	0	-0.0041	0	-20.6177
NE+3.30	B15	15	Viva	0.8895	0	-19.2795	0	-0.0041	0	-9.1747
NE+3.30	B15	15	Viva	1.4541	0	-16.4546	0	-0.0041	0	0.9008
NE+3.30	B15	15	Viva	2.0186	0	-14.9012	0	-0.0041	0	9.6767
NE+3.30	B15	15	Viva	2.2867	0	-14.7216	0	-0.0041	0	13.6386
NE+3.30	B15	15	Viva	2.2867	0	-3.1384	0	-0.0041	0	15.0147
NE+3.30	B15	15	Viva	2.5832	0	-2.9186	0	-0.0041	0	15.9235
NE+3.30	B15	15	Viva	3.1477	0	-1.2849	0	-0.0041	0	17.185
NE+3.30	B15	15	Viva	3.7123	0	1.5441	0	-0.0041	0	17.1119
NE+3.30	B15	15	Viva	4.2768	0	3.1778	0	-0.0041	0	15.704
NE+3.30	B15	15	Viva	4.5733	0	3.3976	0	-0.0041	0	14.7183
NE+3.30	B15	15	Viva	4.5733	0	11.9325	0	-0.0041	0	13.2743
NE+3.30	B15	15	Viva	4.8414	0	12.1121	0	-0.0041	0	10.06
NE+3.30	B15	15	Viva	5.4059	0	13.0556	0	-0.0041	0	2.9297
NE+3.30	B15	15	Viva	5.54	0	13.1005	0	-0.0041	0	1.175
NE+3.30	B15	15	Viva	5.54	0	22.0891	0	-0.0041	0	0.1277
NE+3.30	B15	15	Viva	5.9705	0	22.5523	0	-0.0041	0	-9.4471
NE+3.30	B15	15	Viva	6.535	0	24.003	0	-0.0041	0	-22.6091
NE+3.30	B15	15	Psup	0.325	0	-27.9892	0	-0.0013	0	-27.1856
NE+3.30	B15	15	Psup	0.8895	0	-25.6936	0	-0.0013	0	-11.932
NE+3.30	B15	15	Psup	1.4541	0	-21.9105	0	-0.0013	0	1.4902
NE+3.30	B15	15	Psup	2.0186	0	-19.8303	0	-0.0013	0	13.1721
NE+3.30	B15	15	Psup	2.2867	0	-19.5898	0	-0.0013	0	18.4443
NE+3.30	B15	15	Psup	2.2867	0	-4.088	0	-0.0013	0	20.2904
NE+3.30	B15	15	Psup	2.5832	0	-3.7936	0	-0.0013	0	21.4734
NE+3.30	B15	15	Psup	3.1477	0	-1.6057	0	-0.0013	0	23.0979
NE+3.30	B15	15	Psup	3.7123	0	2.1828	0	-0.0013	0	22.935
NE+3.30	B15	15	Psup	4.2768	0	4.3707	0	-0.0013	0	20.9847
NE+3.30	B15	15	Psup	4.5733	0	4.6651	0	-0.0013	0	19.6305
NE+3.30	B15	15	Psup	4.5733	0	16.1861	0	-0.0013	0	17.7013
NE+3.30	B15	15	Psup	4.8414	0	16.4266	0	-0.0013	0	13.3414
NE+3.30	B15	15	Psup	5.4059	0	17.6901	0	-0.0013	0	3.6762
NE+3.30	B15	15	Psup	5.54	0	17.7503	0	-0.0013	0	1.2987
NE+3.30	B15	15	Psup	5.54	0	29.7878	0	-0.0013	0	-0.105
NE+3.30	B15	15	Psup	5.9705	0	30.4082	0	-0.0013	0	-13.0163

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B15	15	Psup	6.535	0	32.3509	0	-0.0013	0	-30.7593
NE+3.30	B15	15	Viva.cub	0.325	0	-0.0976	0	0.0179	0	-0.2359
NE+3.30	B15	15	Viva.cub	0.8895	0	-0.0976	0	0.0179	0	-0.1808
NE+3.30	B15	15	Viva.cub	1.4541	0	-0.0976	0	0.0179	0	-0.1256
NE+3.30	B15	15	Viva.cub	2.0186	0	-0.0976	0	0.0179	0	-0.0705
NE+3.30	B15	15	Viva.cub	2.2867	0	-0.0976	0	0.0179	0	-0.0443
NE+3.30	B15	15	Viva.cub	2.2867	0	-0.0525	0	0.0179	0	-0.0164
NE+3.30	B15	15	Viva.cub	2.5832	0	-0.0525	0	0.0179	0	-0.0008
NE+3.30	B15	15	Viva.cub	3.1477	0	-0.0525	0	0.0179	0	0.0288
NE+3.30	B15	15	Viva.cub	3.7123	0	-0.0525	0	0.0179	0	0.0585
NE+3.30	B15	15	Viva.cub	4.2768	0	-0.0525	0	0.0179	0	0.0881
NE+3.30	B15	15	Viva.cub	4.5733	0	-0.0525	0	0.0179	0	0.1036
NE+3.30	B15	15	Viva.cub	4.5733	0	0.0248	0	0.0179	0	0.1334
NE+3.30	B15	15	Viva.cub	4.8414	0	0.0248	0	0.0179	0	0.1267
NE+3.30	B15	15	Viva.cub	5.4059	0	0.0248	0	0.0179	0	0.1127
NE+3.30	B15	15	Viva.cub	5.54	0	0.0248	0	0.0179	0	0.1094
NE+3.30	B15	15	Viva.cub	5.54	0	0.0248	0	0.0179	0	0.1182
NE+3.30	B15	15	Viva.cub	5.9705	0	0.0248	0	0.0179	0	0.1075
NE+3.30	B15	15	Viva.cub	6.535	0	0.0248	0	0.0179	0	0.0935
NE+3.30	B15	15	DISX-COMB Max	0.325	0	11.9904	0	0.9065	0	42.4584
NE+3.30	B15	15	DISX-COMB Max	0.8895	0	11.9904	0	0.9065	0	35.7015
NE+3.30	B15	15	DISX-COMB Max	1.4541	0	11.9904	0	0.9065	0	28.9504
NE+3.30	B15	15	DISX-COMB Max	2.0186	0	11.9904	0	0.9065	0	22.2102
NE+3.30	B15	15	DISX-COMB Max	2.2867	0	11.9904	0	0.9065	0	19.0173
NE+3.30	B15	15	DISX-COMB Max	2.2867	0	13.5934	0	0.9065	0	19.3533
NE+3.30	B15	15	DISX-COMB Max	2.5832	0	13.5934	0	0.9065	0	15.3229
NE+3.30	B15	15	DISX-COMB Max	3.1477	0	13.5934	0	0.9065	0	7.6502
NE+3.30	B15	15	DISX-COMB Max	3.7123	0	13.5934	0	0.9065	0	0.2074
NE+3.30	B15	15	DISX-COMB Max	4.2768	0	13.5934	0	0.9065	0	7.7035
NE+3.30	B15	15	DISX-COMB Max	4.5733	0	13.5934	0	0.9065	0	11.7333
NE+3.30	B15	15	DISX-COMB Max	4.5733	0	14.6887	0	0.9065	0	12.003
NE+3.30	B15	15	DISX-COMB Max	4.8414	0	14.6887	0	0.9065	0	15.9344
NE+3.30	B15	15	DISX-COMB Max	5.4059	0	14.6887	0	0.9065	0	24.2209
NE+3.30	B15	15	DISX-COMB Max	5.54	0	14.6887	0	0.9065	0	26.1896
NE+3.30	B15	15	DISX-COMB Max	5.54	0	14.6887	0	0.9065	0	26.53
NE+3.30	B15	15	DISX-COMB Max	5.9705	0	14.6887	0	0.9065	0	32.8503
NE+3.30	B15	15	DISX-COMB Max	6.535	0	14.6887	0	0.9065	0	41.1406
NE+3.30	B15	15	DISY-COMB Max	0.325	0	26.5167	0	0.8902	0	91.581
NE+3.30	B15	15	DISY-COMB Max	0.8895	0	26.5167	0	0.8902	0	76.6113
NE+3.30	B15	15	DISY-COMB Max	1.4541	0	26.5167	0	0.8902	0	61.6415
NE+3.30	B15	15	DISY-COMB Max	2.0186	0	26.5167	0	0.8902	0	46.6718
NE+3.30	B15	15	DISY-COMB Max	2.2867	0	26.5167	0	0.8902	0	39.5647
NE+3.30	B15	15	DISY-COMB Max	2.2867	0	28.0643	0	0.8902	0	40.0342
NE+3.30	B15	15	DISY-COMB Max	2.5832	0	28.0643	0	0.8902	0	31.7127
NE+3.30	B15	15	DISY-COMB Max	3.1477	0	28.0643	0	0.8902	0	15.8692

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B15	15	DISY-COMB Max	3.7123	0	28.0643	0	0.8902	0	0.033
NE+3.30	B15	15	DISY-COMB Max	4.2768	0	28.0643	0	0.8902	0	15.818
NE+3.30	B15	15	DISY-COMB Max	4.5733	0	28.0643	0	0.8902	0	24.1395
NE+3.30	B15	15	DISY-COMB Max	4.5733	0	29.4407	0	0.8902	0	25.3937
NE+3.30	B15	15	DISY-COMB Max	4.8414	0	29.4407	0	0.8902	0	33.2844
NE+3.30	B15	15	DISY-COMB Max	5.4059	0	29.4407	0	0.8902	0	49.9048
NE+3.30	B15	15	DISY-COMB Max	5.54	0	29.4407	0	0.8902	0	53.8525
NE+3.30	B15	15	DISY-COMB Max	5.54	0	29.4407	0	0.8902	0	54.7709
NE+3.30	B15	15	DISY-COMB Max	5.9705	0	29.4407	0	0.8902	0	67.4437
NE+3.30	B15	15	DISY-COMB Max	6.535	0	29.4407	0	0.8902	0	84.0642
NE+3.30	B15	15	B241	0.325	0	-61.6958	0	0.0002	0	-60.1547
NE+3.30	B15	15	B241	0.8895	0	-55.5902	0	0.0002	0	-26.9179
NE+3.30	B15	15	B241	1.4541	0	-47.5564	0	0.0002	0	2.1779
NE+3.30	B15	15	B241	2.0186	0	-41.7299	0	0.0002	0	27.2509
NE+3.30	B15	15	B241	2.2867	0	-39.9322	0	0.0002	0	38.1809
NE+3.30	B15	15	B241	2.2867	0	-12.6734	0	0.0002	0	41.088
NE+3.30	B15	15	B241	2.5832	0	-10.6479	0	0.0002	0	44.5644
NE+3.30	B15	15	B241	3.1477	0	-4.6819	0	0.0002	0	49.0217
NE+3.30	B15	15	B241	3.7123	0	3.359	0	0.0002	0	49.3951
NE+3.30	B15	15	B241	4.2768	0	9.325	0	0.0002	0	45.6846
NE+3.30	B15	15	B241	4.5733	0	11.3505	0	0.0002	0	42.6005
NE+3.30	B15	15	B241	4.5733	0	33.3437	0	0.0002	0	39.5694
NE+3.30	B15	15	B241	4.8414	0	35.1415	0	0.0002	0	30.4052
NE+3.30	B15	15	B241	5.4059	0	39.9092	0	0.0002	0	9.175
NE+3.30	B15	15	B241	5.54	0	40.7307	0	0.0002	0	3.7668
NE+3.30	B15	15	B241	5.54	0	63.2278	0	0.0002	0	1.5722
NE+3.30	B15	15	B241	5.9705	0	66.4184	0	0.0002	0	-26.2735
NE+3.30	B15	15	B241	6.535	0	72.0667	0	0.0002	0	-65.4001
NE+3.30	B15	15	B242	0.325	0	-86.5208	0	0.0025	0	-84.6673
NE+3.30	B15	15	B242	0.8895	0	-78.5447	0	0.0025	0	-37.8424
NE+3.30	B15	15	B242	1.4541	0	-67.1388	0	0.0025	0	3.2452
NE+3.30	B15	15	B242	2.0186	0	-59.6593	0	0.0025	0	38.8053
NE+3.30	B15	15	B242	2.2867	0	-57.831	0	0.0025	0	54.526
NE+3.30	B15	15	B242	2.2867	0	-15.9106	0	0.0025	0	59.2336
NE+3.30	B15	15	B242	2.5832	0	-13.8228	0	0.0025	0	63.6753
NE+3.30	B15	15	B242	3.1477	0	-6.0951	0	0.0025	0	69.5291
NE+3.30	B15	15	B242	3.7123	0	5.3234	0	0.0025	0	69.7469
NE+3.30	B15	15	B242	4.2768	0	13.0512	0	0.0025	0	64.3288
NE+3.30	B15	15	B242	4.5733	0	15.139	0	0.0025	0	60.1158
NE+3.30	B15	15	B242	4.5733	0	47.6847	0	0.0025	0	55.2222
NE+3.30	B15	15	B242	4.8414	0	49.513	0	0.0025	0	42.221
NE+3.30	B15	15	B242	5.4059	0	55.1092	0	0.0025	0	12.6082
NE+3.30	B15	15	B242	5.54	0	55.8852	0	0.0025	0	5.1634
NE+3.30	B15	15	B242	5.54	0	89.5502	0	0.0025	0	1.6111
NE+3.30	B15	15	B242	5.9705	0	93.0262	0	0.0025	0	-37.5817

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B15	15	B242	6.535	0	100.1887	0	0.0025	0	-92.1851
NE+3.30	B17	17	Pprop	0.325	0	-28.2933	0	0.4482	0	-29.3311
NE+3.30	B17	17	Pprop	0.8895	0	-25.8789	0	0.4482	0	-14.0397
NE+3.30	B17	17	Pprop	1.4541	0	-23.4644	0	0.4482	0	-0.1115
NE+3.30	B17	17	Pprop	2.0186	0	-21.05	0	0.4482	0	12.4538
NE+3.30	B17	17	Pprop	2.2867	0	-19.9037	0	0.4482	0	17.9422
NE+3.30	B17	17	Pprop	2.2867	0	-5.5714	0	0.0503	0	17.9474
NE+3.30	B17	17	Pprop	2.5832	0	-4.3032	0	0.0503	0	19.4114
NE+3.30	B17	17	Pprop	3.1477	0	-1.8888	0	0.0503	0	21.1592
NE+3.30	B17	17	Pprop	3.7123	0	0.5257	0	0.0503	0	21.544
NE+3.30	B17	17	Pprop	4.2768	0	2.9401	0	0.0503	0	20.5657
NE+3.30	B17	17	Pprop	4.5733	0	4.2082	0	0.0503	0	19.5059
NE+3.30	B17	17	Pprop	4.5733	0	18.8774	0	-0.2923	0	19.4898
NE+3.30	B17	17	Pprop	4.8414	0	20.0237	0	-0.2923	0	14.2765
NE+3.30	B17	17	Pprop	5.4059	0	22.4381	0	-0.2923	0	2.2907
NE+3.30	B17	17	Pprop	5.54	0	23.0116	0	-0.2923	0	-0.7565
NE+3.30	B17	17	Pprop	5.54	0	28.3291	0	-0.2923	0	-0.4673
NE+3.30	B17	17	Pprop	5.9705	0	30.1701	0	-0.2923	0	-13.058
NE+3.30	B17	17	Pprop	6.535	0	32.5845	0	-0.2923	0	-30.7719
NE+3.30	B17	17	Viva	0.325	0	-52.8911	0	1.8404	0	-52.5511
NE+3.30	B17	17	Viva	0.8895	0	-49.4627	0	1.8404	0	-23.5095
NE+3.30	B17	17	Viva	1.4541	0	-43.813	0	1.8404	0	2.7971
NE+3.30	B17	17	Viva	2.0186	0	-40.7063	0	1.8404	0	26.5046
NE+3.30	B17	17	Viva	2.2867	0	-40.3471	0	1.8404	0	37.351
NE+3.30	B17	17	Viva	2.2867	0	-5.4847	0	0.4783	0	36.943
NE+3.30	B17	17	Viva	2.5832	0	-5.0451	0	0.4783	0	38.5258
NE+3.30	B17	17	Viva	3.1477	0	-1.7775	0	0.4783	0	40.6016
NE+3.30	B17	17	Viva	3.7123	0	3.8803	0	0.4783	0	40.008
NE+3.30	B17	17	Viva	4.2768	0	7.1478	0	0.4783	0	36.7451
NE+3.30	B17	17	Viva	4.5733	0	7.5875	0	0.4783	0	34.5388
NE+3.30	B17	17	Viva	4.5733	0	38.9257	0	-2.0259	0	35.0027
NE+3.30	B17	17	Viva	4.8414	0	39.2849	0	-2.0259	0	24.5374
NE+3.30	B17	17	Viva	5.4059	0	41.7818	0	-2.0259	0	1.7032
NE+3.30	B17	17	Viva	5.54	0	42.4299	0	-2.0259	0	-3.9428
NE+3.30	B17	17	Viva	5.54	0	51.87	0	-2.0259	0	-2.8955
NE+3.30	B17	17	Viva	5.9705	0	54.4594	0	-2.0259	0	-25.7704
NE+3.30	B17	17	Viva	6.535	0	56.8369	0	-2.0259	0	-57.2613
NE+3.30	B17	17	Psup	0.325	0	-70.6225	0	2.4904	0	-69.7949
NE+3.30	B17	17	Psup	0.8895	0	-66.0313	0	2.4904	0	-31.0204
NE+3.30	B17	17	Psup	1.4541	0	-58.4651	0	2.4904	0	4.0912
NE+3.30	B17	17	Psup	2.0186	0	-54.3046	0	2.4904	0	35.7223
NE+3.30	B17	17	Psup	2.2867	0	-53.8236	0	2.4904	0	50.1916
NE+3.30	B17	17	Psup	2.2867	0	-7.1658	0	0.5619	0	49.7196
NE+3.30	B17	17	Psup	2.5832	0	-6.5771	0	0.5619	0	51.7862
NE+3.30	B17	17	Psup	3.1477	0	-2.2012	0	0.5619	0	54.4649

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B17	17	Psup	3.7123	0	5.3758	0	0.5619	0	53.5688
NE+3.30	B17	17	Psup	4.2768	0	9.7516	0	0.5619	0	49.0979
NE+3.30	B17	17	Psup	4.5733	0	10.3404	0	0.5619	0	46.0901
NE+3.30	B17	17	Psup	4.5733	0	51.7435	0	-2.7971	0	46.64
NE+3.30	B17	17	Psup	4.8414	0	52.2245	0	-2.7971	0	32.7282
NE+3.30	B17	17	Psup	5.4059	0	55.5683	0	-2.7971	0	2.3665
NE+3.30	B17	17	Psup	5.54	0	56.4363	0	-2.7971	0	-5.1429
NE+3.30	B17	17	Psup	5.54	0	69.0785	0	-2.7971	0	-3.7391
NE+3.30	B17	17	Psup	5.9705	0	72.5463	0	-2.7971	0	-34.2072
NE+3.30	B17	17	Psup	6.535	0	75.7302	0	-2.7971	0	-76.162
NE+3.30	B17	17	Viva.cub	0.325	0	-0.1288	0	0.0437	0	-0.4371
NE+3.30	B17	17	Viva.cub	0.8895	0	-0.1288	0	0.0437	0	-0.3644
NE+3.30	B17	17	Viva.cub	1.4541	0	-0.1288	0	0.0437	0	-0.2917
NE+3.30	B17	17	Viva.cub	2.0186	0	-0.1288	0	0.0437	0	-0.219
NE+3.30	B17	17	Viva.cub	2.2867	0	-0.1288	0	0.0437	0	-0.1845
NE+3.30	B17	17	Viva.cub	2.2867	0	-0.2062	0	0.0269	0	-0.2059
NE+3.30	B17	17	Viva.cub	2.5832	0	-0.2062	0	0.0269	0	-0.1447
NE+3.30	B17	17	Viva.cub	3.1477	0	-0.2062	0	0.0269	0	-0.0284
NE+3.30	B17	17	Viva.cub	3.7123	0	-0.2062	0	0.0269	0	0.088
NE+3.30	B17	17	Viva.cub	4.2768	0	-0.2062	0	0.0269	0	0.2044
NE+3.30	B17	17	Viva.cub	4.5733	0	-0.2062	0	0.0269	0	0.2656
NE+3.30	B17	17	Viva.cub	4.5733	0	-0.3102	0	-0.0623	0	0.2323
NE+3.30	B17	17	Viva.cub	4.8414	0	-0.3102	0	-0.0623	0	0.3155
NE+3.30	B17	17	Viva.cub	5.4059	0	-0.3102	0	-0.0623	0	0.4906
NE+3.30	B17	17	Viva.cub	5.54	0	-0.3102	0	-0.0623	0	0.5322
NE+3.30	B17	17	Viva.cub	5.54	0	-0.3102	0	-0.0623	0	0.5234
NE+3.30	B17	17	Viva.cub	5.9705	0	-0.3102	0	-0.0623	0	0.657
NE+3.30	B17	17	Viva.cub	6.535	0	-0.3102	0	-0.0623	0	0.8321
NE+3.30	B17	17	DISX-COMB Max	0.325	0	12.3188	0	19.6683	0	48.2414
NE+3.30	B17	17	DISX-COMB Max	0.8895	0	12.3188	0	19.6683	0	41.3408
NE+3.30	B17	17	DISX-COMB Max	1.4541	0	12.3188	0	19.6683	0	34.4619
NE+3.30	B17	17	DISX-COMB Max	2.0186	0	12.3188	0	19.6683	0	27.6209
NE+3.30	B17	17	DISX-COMB Max	2.2867	0	12.3188	0	19.6683	0	24.3954
NE+3.30	B17	17	DISX-COMB Max	2.2867	0	13.4818	0	1.0851	0	24.1214
NE+3.30	B17	17	DISX-COMB Max	2.5832	0	13.4818	0	1.0851	0	20.1243
NE+3.30	B17	17	DISX-COMB Max	3.1477	0	13.4818	0	1.0851	0	12.515
NE+3.30	B17	17	DISX-COMB Max	3.7123	0	13.4818	0	1.0851	0	4.9115
NE+3.30	B17	17	DISX-COMB Max	4.2768	0	13.4818	0	1.0851	0	2.7345
NE+3.30	B17	17	DISX-COMB Max	4.5733	0	13.4818	0	1.0851	0	6.7188
NE+3.30	B17	17	DISX-COMB Max	4.5733	0	13.6353	0	8.2075	0	6.0333
NE+3.30	B17	17	DISX-COMB Max	4.8414	0	13.6353	0	8.2075	0	9.6647
NE+3.30	B17	17	DISX-COMB Max	5.4059	0	13.6353	0	8.2075	0	17.3454
NE+3.30	B17	17	DISX-COMB Max	5.54	0	13.6353	0	8.2075	0	19.1717
NE+3.30	B17	17	DISX-COMB Max	5.54	0	13.6353	0	8.2075	0	18.8303
NE+3.30	B17	17	DISX-COMB Max	5.9705	0	13.6353	0	8.2075	0	24.6957

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B17	17	DISX-COMB Max	6.535	0	13.6353	0	8.2075	0	32.3904
NE+3.30	B17	17	DISY-COMB Max	0.325	0	34.6769	0	3.0251	0	129.4256
NE+3.30	B17	17	DISY-COMB Max	0.8895	0	34.6769	0	3.0251	0	109.8499
NE+3.30	B17	17	DISY-COMB Max	1.4541	0	34.6769	0	3.0251	0	90.2746
NE+3.30	B17	17	DISY-COMB Max	2.0186	0	34.6769	0	3.0251	0	70.7001
NE+3.30	B17	17	DISY-COMB Max	2.2867	0	34.6769	0	3.0251	0	61.4071
NE+3.30	B17	17	DISY-COMB Max	2.2867	0	34.4194	0	0.907	0	61.0241
NE+3.30	B17	17	DISY-COMB Max	2.5832	0	34.4194	0	0.907	0	50.8186
NE+3.30	B17	17	DISY-COMB Max	3.1477	0	34.4194	0	0.907	0	31.3886
NE+3.30	B17	17	DISY-COMB Max	3.7123	0	34.4194	0	0.907	0	11.963
NE+3.30	B17	17	DISY-COMB Max	4.2768	0	34.4194	0	0.907	0	7.4922
NE+3.30	B17	17	DISY-COMB Max	4.5733	0	34.4194	0	0.907	0	17.6896
NE+3.30	B17	17	DISY-COMB Max	4.5733	0	32.0427	0	2.1171	0	16.5818
NE+3.30	B17	17	DISY-COMB Max	4.8414	0	32.0427	0	2.1171	0	25.1677
NE+3.30	B17	17	DISY-COMB Max	5.4059	0	32.0427	0	2.1171	0	43.2553
NE+3.30	B17	17	DISY-COMB Max	5.54	0	32.0427	0	2.1171	0	47.5516
NE+3.30	B17	17	DISY-COMB Max	5.54	0	32.0427	0	2.1171	0	46.6338
NE+3.30	B17	17	DISY-COMB Max	5.9705	0	32.0427	0	2.1171	0	60.426
NE+3.30	B17	17	DISY-COMB Max	6.535	0	32.0427	0	2.1171	0	78.515
NE+3.30	B17	17	B241	0.325	0	-128.2242	0	3.8094	0	-128.4966
NE+3.30	B17	17	B241	0.8895	0	-119.1428	0	3.8094	0	-58.4113
NE+3.30	B17	17	B241	1.4541	0	-106.205	0	3.8094	0	5.159
NE+3.30	B17	17	B241	2.0186	0	-97.6819	0	3.8094	0	62.4504
NE+3.30	B17	17	B241	2.2867	0	-95.5724	0	3.8094	0	88.3215
NE+3.30	B17	17	B241	2.2867	0	-16.5112	0	0.7936	0	87.7165
NE+3.30	B17	17	B241	2.5832	0	-14.1041	0	0.7936	0	92.2931
NE+3.30	B17	17	B241	3.1477	0	-5.3019	0	0.7936	0	98.0312
NE+3.30	B17	17	B241	3.7123	0	7.65	0	0.7936	0	97.3684
NE+3.30	B17	17	B241	4.2768	0	16.4523	0	0.7936	0	90.3047
NE+3.30	B17	17	B241	4.5733	0	18.8593	0	0.7936	0	85.0318
NE+3.30	B17	17	B241	4.5733	0	91.5456	0	-4.0048	0	85.7238
NE+3.30	B17	17	B241	4.8414	0	93.6551	0	-4.0048	0	60.932
NE+3.30	B17	17	B241	5.4059	0	101.1195	0	-4.0048	0	6.0371
NE+3.30	B17	17	B241	5.54	0	102.988	0	-4.0048	0	-7.6474
NE+3.30	B17	17	B241	5.54	0	126.2691	0	-4.0048	0	-5.4529
NE+3.30	B17	17	B241	5.9705	0	133.1508	0	-4.0048	0	-61.2696
NE+3.30	B17	17	B241	6.535	0	140.408	0	-4.0048	0	-138.6179
NE+3.30	B17	17	B242	0.325	0	-194.5966	0	6.2316	0	-194.4403
NE+3.30	B17	17	B242	0.8895	0	-181.3272	0	6.2316	0	-87.8642
NE+3.30	B17	17	B242	1.4541	0	-161.1981	0	6.2316	0	8.7514
NE+3.30	B17	17	B242	2.0186	0	-148.9218	0	6.2316	0	95.8268
NE+3.30	B17	17	B242	2.2867	0	-146.5389	0	6.2316	0	135.3735
NE+3.30	B17	17	B242	2.2867	0	-23.031	0	1.459	0	134.1914
NE+3.30	B17	17	B242	2.5832	0	-20.2644	0	1.459	0	140.6773
NE+3.30	B17	17	B242	3.1477	0	-7.4916	0	1.459	0	148.9751

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B17	17	B242	3.7123	0	12.6626	0	1.459	0	147.5155
NE+3.30	B17	17	B242	4.2768	0	25.4354	0	1.459	0	136.2984
NE+3.30	B17	17	B242	4.5733	0	28.2019	0	1.459	0	128.2792
NE+3.30	B17	17	B242	4.5733	0	140.5936	0	-6.7053	0	129.598
NE+3.30	B17	17	B242	4.8414	0	142.9765	0	-6.7053	0	91.6449
NE+3.30	B17	17	B242	5.4059	0	153.3695	0	-6.7053	0	8.1451
NE+3.30	B17	17	B242	5.54	0	156.0081	0	-6.7053	0	-12.5972
NE+3.30	B17	17	B242	5.54	0	191.0675	0	-6.7053	0	-9.0449
NE+3.30	B17	17	B242	5.9705	0	201.1092	0	-6.7053	0	-93.421
NE+3.30	B17	17	B242	6.535	0	211.1337	0	-6.7053	0	-210.0174
NE+3.30	B19	19	Pprop	0.325	0	-40.5397	0	1.0722	0	-43.1213
NE+3.30	B19	19	Pprop	0.8918	0	-38.1156	0	1.0722	0	-20.8296
NE+3.30	B19	19	Pprop	1.4586	0	-35.6914	0	1.0722	0	0.0879
NE+3.30	B19	19	Pprop	2.0255	0	-33.2672	0	1.0722	0	19.6315
NE+3.30	B19	19	Pprop	2.2867	0	-32.1501	0	1.0722	0	28.1754
NE+3.30	B19	19	Pprop	2.2867	0	-5.4389	0	-0.2855	0	26.9146
NE+3.30	B19	19	Pprop	2.5923	0	-4.1319	0	-0.2855	0	28.377
NE+3.30	B19	19	Pprop	3.1591	0	-1.7077	0	-0.2855	0	30.032
NE+3.30	B19	19	Pprop	3.7259	0	0.7164	0	-0.2855	0	30.313
NE+3.30	B19	19	Pprop	4.2927	0	3.1406	0	-0.2855	0	29.2198
NE+3.30	B19	19	Pprop	4.5733	0	4.3407	0	-0.2855	0	28.1702
NE+3.30	B19	19	Pprop	4.5733	0	30.1704	0	-1.7273	0	27.8435
NE+3.30	B19	19	Pprop	4.8595	0	31.3945	0	-1.7273	0	19.0331
NE+3.30	B19	19	Pprop	5.4264	0	33.8187	0	-1.7273	0	0.5512
NE+3.30	B19	19	Pprop	5.9932	0	36.2428	0	-1.7273	0	-19.3049
NE+3.30	B19	19	Pprop	6.56	0	38.667	0	-1.7273	0	-40.535
NE+3.30	B19	19	Viva	0.325	0	-78.7227	0	1.9062	0	-81.8071
NE+3.30	B19	19	Viva	0.8918	0	-75.2741	0	1.9062	0	-38.0113
NE+3.30	B19	19	Viva	1.4586	0	-69.6057	0	1.9062	0	3.0236
NE+3.30	B19	19	Viva	2.0255	0	-66.5175	0	1.9062	0	41.4503
NE+3.30	B19	19	Viva	2.2867	0	-66.1762	0	1.9062	0	58.7661
NE+3.30	B19	19	Viva	2.2867	0	-6.703	0	-0.682	0	56.2693
NE+3.30	B19	19	Viva	2.5923	0	-6.2362	0	-0.682	0	58.2702
NE+3.30	B19	19	Viva	3.1591	0	-2.8988	0	-0.682	0	61.0109
NE+3.30	B19	19	Viva	3.7259	0	2.6122	0	-0.682	0	61.0639
NE+3.30	B19	19	Viva	4.2927	0	5.6496	0	-0.682	0	58.5783
NE+3.30	B19	19	Viva	4.5733	0	6.0236	0	-0.682	0	56.923
NE+3.30	B19	19	Viva	4.5733	0	63.4845	0	-3.2765	0	55.4516
NE+3.30	B19	19	Viva	4.8595	0	63.9168	0	-3.2765	0	37.2404
NE+3.30	B19	19	Viva	5.4264	0	67.3244	0	-3.2765	0	0.2056
NE+3.30	B19	19	Viva	5.9932	0	73.1429	0	-3.2765	0	-39.6194
NE+3.30	B19	19	Viva	6.56	0	76.4498	0	-3.2765	0	-82.1671
NE+3.30	B19	19	Psup	0.325	0	-106.0037	0	3.0016	0	-109.8104
NE+3.30	B19	19	Psup	0.8918	0	-101.3853	0	3.0016	0	-50.8312
NE+3.30	B19	19	Psup	1.4586	0	-93.7942	0	3.0016	0	4.4505

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B19	19	Psup	2.0255	0	-89.6585	0	3.0016	0	56.2393
NE+3.30	B19	19	Psup	2.2867	0	-89.2014	0	3.0016	0	79.5796
NE+3.30	B19	19	Psup	2.2867	0	-9.1641	0	-0.4726	0	76.7221
NE+3.30	B19	19	Psup	2.5923	0	-8.5389	0	-0.4726	0	79.459
NE+3.30	B19	19	Psup	3.1591	0	-4.0695	0	-0.4726	0	83.2355
NE+3.30	B19	19	Psup	3.7259	0	3.3108	0	-0.4726	0	83.4128
NE+3.30	B19	19	Psup	4.2927	0	7.3785	0	-0.4726	0	80.1903
NE+3.30	B19	19	Psup	4.5733	0	7.8795	0	-0.4726	0	78.0261
NE+3.30	B19	19	Psup	4.5733	0	87.0368	0	-4.8901	0	76.2858
NE+3.30	B19	19	Psup	4.8595	0	87.6157	0	-4.8901	0	51.3196
NE+3.30	B19	19	Psup	5.4264	0	92.1792	0	-4.8901	0	0.5785
NE+3.30	B19	19	Psup	5.9932	0	99.9714	0	-4.8901	0	-53.8992
NE+3.30	B19	19	Psup	6.56	0	104.4	0	-4.8901	0	-112.0231
NE+3.30	B19	19	Viva.cub	0.325	0	-0.2681	0	0.0162	0	-0.6083
NE+3.30	B19	19	Viva.cub	0.8918	0	-0.2681	0	0.0162	0	-0.4564
NE+3.30	B19	19	Viva.cub	1.4586	0	-0.2681	0	0.0162	0	-0.3044
NE+3.30	B19	19	Viva.cub	2.0255	0	-0.2681	0	0.0162	0	-0.1524
NE+3.30	B19	19	Viva.cub	2.2867	0	-0.2681	0	0.0162	0	-0.0824
NE+3.30	B19	19	Viva.cub	2.2867	0	-0.2141	0	-0.0255	0	-0.1073
NE+3.30	B19	19	Viva.cub	2.5923	0	-0.2141	0	-0.0255	0	-0.0418
NE+3.30	B19	19	Viva.cub	3.1591	0	-0.2141	0	-0.0255	0	0.0796
NE+3.30	B19	19	Viva.cub	3.7259	0	-0.2141	0	-0.0255	0	0.2009
NE+3.30	B19	19	Viva.cub	4.2927	0	-0.2141	0	-0.0255	0	0.3223
NE+3.30	B19	19	Viva.cub	4.5733	0	-0.2141	0	-0.0255	0	0.3824
NE+3.30	B19	19	Viva.cub	4.5733	0	-0.2462	0	-0.0343	0	0.3814
NE+3.30	B19	19	Viva.cub	4.8595	0	-0.2462	0	-0.0343	0	0.4519
NE+3.30	B19	19	Viva.cub	5.4264	0	-0.2462	0	-0.0343	0	0.5915
NE+3.30	B19	19	Viva.cub	5.9932	0	-0.2462	0	-0.0343	0	0.7311
NE+3.30	B19	19	Viva.cub	6.56	0	-0.2462	0	-0.0343	0	0.8706
NE+3.30	B19	19	DISX-COMB Max	0.325	0	13.482	0	26.3903	0	40.0394
NE+3.30	B19	19	DISX-COMB Max	0.8918	0	13.482	0	26.3903	0	32.6539
NE+3.30	B19	19	DISX-COMB Max	1.4586	0	13.482	0	26.3903	0	25.4205
NE+3.30	B19	19	DISX-COMB Max	2.0255	0	13.482	0	26.3903	0	18.5181
NE+3.30	B19	19	DISX-COMB Max	2.2867	0	13.482	0	26.3903	0	15.5714
NE+3.30	B19	19	DISX-COMB Max	2.2867	0	8.4689	0	2.3891	0	15.921
NE+3.30	B19	19	DISX-COMB Max	2.5923	0	8.4689	0	2.3891	0	13.3764
NE+3.30	B19	19	DISX-COMB Max	3.1591	0	8.4689	0	2.3891	0	8.7251
NE+3.30	B19	19	DISX-COMB Max	3.7259	0	8.4689	0	2.3891	0	4.406
NE+3.30	B19	19	DISX-COMB Max	4.2927	0	8.4689	0	2.3891	0	2.9638
NE+3.30	B19	19	DISX-COMB Max	4.5733	0	8.4689	0	2.3891	0	4.5362
NE+3.30	B19	19	DISX-COMB Max	4.5733	0	8.921	0	9.9888	0	4.8906
NE+3.30	B19	19	DISX-COMB Max	4.8595	0	8.921	0	9.9888	0	6.3924
NE+3.30	B19	19	DISX-COMB Max	5.4264	0	8.921	0	9.9888	0	10.6255
NE+3.30	B19	19	DISX-COMB Max	5.9932	0	8.921	0	9.9888	0	15.3648
NE+3.30	B19	19	DISX-COMB Max	6.56	0	8.921	0	9.9888	0	20.2581

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B19	19	DISY-COMB Max	0.325	0	43.4612	0	2.32	0	145.5289
NE+3.30	B19	19	DISY-COMB Max	0.8918	0	43.4612	0	2.32	0	120.8974
NE+3.30	B19	19	DISY-COMB Max	1.4586	0	43.4612	0	2.32	0	96.2675
NE+3.30	B19	19	DISY-COMB Max	2.0255	0	43.4612	0	2.32	0	71.6408
NE+3.30	B19	19	DISY-COMB Max	2.2867	0	43.4612	0	2.32	0	60.2941
NE+3.30	B19	19	DISY-COMB Max	2.2867	0	32.9506	0	2.4901	0	61.8421
NE+3.30	B19	19	DISY-COMB Max	2.5923	0	32.9506	0	2.4901	0	51.7735
NE+3.30	B19	19	DISY-COMB Max	3.1591	0	32.9506	0	2.4901	0	33.1011
NE+3.30	B19	19	DISY-COMB Max	3.7259	0	32.9506	0	2.4901	0	14.4409
NE+3.30	B19	19	DISY-COMB Max	4.2927	0	32.9506	0	2.4901	0	4.3652
NE+3.30	B19	19	DISY-COMB Max	4.5733	0	32.9506	0	2.4901	0	13.5437
NE+3.30	B19	19	DISY-COMB Max	4.5733	0	36.5922	0	1.6523	0	11.415
NE+3.30	B19	19	DISY-COMB Max	4.8595	0	36.5922	0	1.6523	0	21.8663
NE+3.30	B19	19	DISY-COMB Max	5.4264	0	36.5922	0	1.6523	0	42.5959
NE+3.30	B19	19	DISY-COMB Max	5.9932	0	36.5922	0	1.6523	0	63.3331
NE+3.30	B19	19	DISY-COMB Max	6.56	0	36.5922	0	1.6523	0	84.0722
NE+3.30	B19	19	B241	0.325	0	-189.9637	0	5.2809	0	-198.2447
NE+3.30	B19	19	B241	0.8918	0	-180.8345	0	5.2809	0	-92.8937
NE+3.30	B19	19	B241	1.4586	0	-167.8517	0	5.2809	0	5.8831
NE+3.30	B19	19	B241	2.0255	0	-159.3481	0	5.2809	0	98.351
NE+3.30	B19	19	B241	2.2867	0	-157.3075	0	5.2809	0	139.6823
NE+3.30	B19	19	B241	2.2867	0	-18.9298	0	-0.9826	0	134.3438
NE+3.30	B19	19	B241	2.5923	0	-16.4251	0	-0.9826	0	139.7874
NE+3.30	B19	19	B241	3.1591	0	-7.489	0	-0.9826	0	146.8283
NE+3.30	B19	19	B241	3.7259	0	5.2205	0	-0.9826	0	147.4223
NE+3.30	B19	19	B241	4.2927	0	13.6359	0	-0.9826	0	141.8279
NE+3.30	B19	19	B241	4.5733	0	15.841	0	-0.9826	0	137.6618
NE+3.30	B19	19	B241	4.5733	0	151.9353	0	-8.5781	0	134.9823
NE+3.30	B19	19	B241	4.8595	0	154.2725	0	-8.5781	0	91.1979
NE+3.30	B19	19	B241	5.4264	0	163.3306	0	-8.5781	0	1.4644
NE+3.30	B19	19	B241	5.9932	0	176.574	0	-8.5781	0	-94.8942
NE+3.30	B19	19	B241	6.56	0	185.4572	0	-8.5781	0	-197.7606
NE+3.30	B19	19	B242	0.325	0	-288.9163	0	7.5845	0	-301.1196
NE+3.30	B19	19	B242	0.8918	0	-275.5736	0	7.5845	0	-140.6694
NE+3.30	B19	19	B242	1.4586	0	-255.376	0	7.5845	0	9.7282
NE+3.30	B19	19	B242	2.0255	0	-243.1461	0	7.5845	0	150.5451
NE+3.30	B19	19	B242	2.2867	0	-240.851	0	7.5845	0	213.7122
NE+3.30	B19	19	B242	2.2867	0	-27.0574	0	-1.9463	0	205.1291
NE+3.30	B19	19	B242	2.5923	0	-24.1637	0	-1.9463	0	213.0292
NE+3.30	B19	19	B242	3.1591	0	-11.1644	0	-1.9463	0	223.51
NE+3.30	B19	19	B242	3.7259	0	8.5471	0	-1.9463	0	224.1647
NE+3.30	B19	19	B242	4.2927	0	20.6202	0	-1.9463	0	215.4532
NE+3.30	B19	19	B242	4.5733	0	23.1087	0	-1.9463	0	209.2639
NE+3.30	B19	19	B242	4.5733	0	231.6823	0	-12.6123	0	204.6125
NE+3.30	B19	19	B242	4.8595	0	234.3772	0	-12.6123	0	137.9802

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B19	19	B242	5.4264	0	247.5936	0	-12.6123	0	1.8799
NE+3.30	B19	19	B242	5.9932	0	268.2547	0	-12.6123	0	-144.3634
NE+3.30	B19	19	B242	6.56	0	281.1598	0	-12.6123	0	-300.5411
NE+3.30	B21	21	Pprop	0.325	0	-55.248	0	1.1008	0	-57.4282
NE+3.30	B21	21	Pprop	0.8895	0	-52.8336	0	1.1008	0	-26.9197
NE+3.30	B21	21	Pprop	1.4541	0	-50.4191	0	1.1008	0	2.2257
NE+3.30	B21	21	Pprop	2.0186	0	-48.0047	0	1.1008	0	30.008
NE+3.30	B21	21	Pprop	2.2933	0	-46.8298	0	1.1008	0	43.0336
NE+3.30	B21	21	Pprop	2.2933	0	-8.6105	0	-0.078	0	34.0954
NE+3.30	B21	21	Pprop	2.5832	0	-7.3709	0	-0.078	0	36.4114
NE+3.30	B21	21	Pprop	3.1477	0	-4.9565	0	-0.078	0	39.8911
NE+3.30	B21	21	Pprop	3.7123	0	-2.542	0	-0.078	0	42.0077
NE+3.30	B21	21	Pprop	4.21	0	-0.4133	0	-0.078	0	42.7432
NE+3.30	B21	21	Pprop	4.21	0	36.7188	0	-1.1334	0	43.7365
NE+3.30	B21	21	Pprop	4.2768	0	37.0045	0	-1.1334	0	41.2735
NE+3.30	B21	21	Pprop	4.8414	0	39.419	0	-1.1334	0	19.7012
NE+3.30	B21	21	Pprop	5.4059	0	41.8334	0	-1.1334	0	-3.2342
NE+3.30	B21	21	Pprop	5.9705	0	44.2479	0	-1.1334	0	-27.5326
NE+3.30	B21	21	Pprop	6.535	0	46.6623	0	-1.1334	0	-53.194
NE+3.30	B21	21	Viva	0.325	0	-97.9745	0	-1.846	0	-102.9261
NE+3.30	B21	21	Viva	0.8895	0	-94.5461	0	-1.846	0	-48.4329
NE+3.30	B21	21	Viva	1.4541	0	-89.2419	0	-1.846	0	3.3942
NE+3.30	B21	21	Viva	2.0186	0	-86.4039	0	-1.846	0	52.8388
NE+3.30	B21	21	Viva	2.2933	0	-86.0634	0	-1.846	0	76.5117
NE+3.30	B21	21	Viva	2.2933	0	-17.773	0	0.2056	0	61.1524
NE+3.30	B21	21	Viva	2.5832	0	-17.3526	0	0.2056	0	66.2632
NE+3.30	B21	21	Viva	3.1477	0	-14.1203	0	0.2056	0	75.2972
NE+3.30	B21	21	Viva	3.7123	0	-9.8242	0	0.2056	0	81.9328
NE+3.30	B21	21	Viva	4.21	0	-8.5855	0	0.2056	0	86.4115
NE+3.30	B21	21	Viva	4.21	0	76.1072	0	2.1238	0	89.1926
NE+3.30	B21	21	Viva	4.2768	0	76.1295	0	2.1238	0	84.1067
NE+3.30	B21	21	Viva	4.8414	0	78.1003	0	2.1238	0	40.7218
NE+3.30	B21	21	Viva	5.4059	0	83.2582	0	2.1238	0	-4.6754
NE+3.30	B21	21	Viva	5.9705	0	89.707	0	2.1238	0	-53.6088
NE+3.30	B21	21	Viva	6.535	0	93.1353	0	2.1238	0	-105.3701
NE+3.30	B21	21	Psup	0.325	0	-154.6383	0	1.2896	0	-163.2312
NE+3.30	B21	21	Psup	0.8895	0	-150.0471	0	1.2896	0	-77.026
NE+3.30	B21	21	Psup	1.4541	0	-142.9436	0	1.2896	0	5.6085
NE+3.30	B21	21	Psup	2.0186	0	-139.143	0	1.2896	0	85.0526
NE+3.30	B21	21	Psup	2.2933	0	-138.687	0	1.2896	0	123.1918
NE+3.30	B21	21	Psup	2.2933	0	-34.2569	0	0.5988	0	97.5003
NE+3.30	B21	21	Psup	2.5832	0	-33.694	0	0.5988	0	107.3751
NE+3.30	B21	21	Psup	3.1477	0	-29.3652	0	0.5988	0	125.376
NE+3.30	B21	21	Psup	3.7123	0	-23.6119	0	0.5988	0	140.1648
NE+3.30	B21	21	Psup	4.21	0	-21.953	0	0.5988	0	151.3666

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B21	21	Psup	4.21	0	133.2772	0	-1.5938	0	156.6474
NE+3.30	B21	21	Psup	4.2768	0	133.3071	0	-1.5938	0	147.7414
NE+3.30	B21	21	Psup	4.8414	0	135.9463	0	-1.5938	0	71.9393
NE+3.30	B21	21	Psup	5.4059	0	142.8538	0	-1.5938	0	-6.5576
NE+3.30	B21	21	Psup	5.9705	0	151.49	0	-1.5938	0	-89.7903
NE+3.30	B21	21	Psup	6.535	0	156.0812	0	-1.5938	0	-176.81
NE+3.30	B21	21	Viva.cub	0.325	0	-0.2368	0	0.0245	0	-0.5784
NE+3.30	B21	21	Viva.cub	0.8895	0	-0.2368	0	0.0245	0	-0.4447
NE+3.30	B21	21	Viva.cub	1.4541	0	-0.2368	0	0.0245	0	-0.311
NE+3.30	B21	21	Viva.cub	2.0186	0	-0.2368	0	0.0245	0	-0.1773
NE+3.30	B21	21	Viva.cub	2.2933	0	-0.2368	0	0.0245	0	-0.1123
NE+3.30	B21	21	Viva.cub	2.2933	0	-0.2138	0	0.0061	0	-0.1402
NE+3.30	B21	21	Viva.cub	2.5832	0	-0.2138	0	0.0061	0	-0.0782
NE+3.30	B21	21	Viva.cub	3.1477	0	-0.2138	0	0.0061	0	0.0425
NE+3.30	B21	21	Viva.cub	3.7123	0	-0.2138	0	0.0061	0	0.1633
NE+3.30	B21	21	Viva.cub	4.21	0	-0.2138	0	0.0061	0	0.2697
NE+3.30	B21	21	Viva.cub	4.21	0	-0.2749	0	-0.0138	0	0.2469
NE+3.30	B21	21	Viva.cub	4.2768	0	-0.2749	0	-0.0138	0	0.2652
NE+3.30	B21	21	Viva.cub	4.8414	0	-0.2749	0	-0.0138	0	0.4204
NE+3.30	B21	21	Viva.cub	5.4059	0	-0.2749	0	-0.0138	0	0.5757
NE+3.30	B21	21	Viva.cub	5.9705	0	-0.2749	0	-0.0138	0	0.7309
NE+3.30	B21	21	Viva.cub	6.535	0	-0.2749	0	-0.0138	0	0.8861
NE+3.30	B21	21	DISX-COMB Max	0.325	0	6.1695	0	34.2043	0	20.0694
NE+3.30	B21	21	DISX-COMB Max	0.8895	0	6.1695	0	34.2043	0	16.5958
NE+3.30	B21	21	DISX-COMB Max	1.4541	0	6.1695	0	34.2043	0	13.1273
NE+3.30	B21	21	DISX-COMB Max	2.0186	0	6.1695	0	34.2043	0	9.6691
NE+3.30	B21	21	DISX-COMB Max	2.2933	0	6.1695	0	34.2043	0	7.9941
NE+3.30	B21	21	DISX-COMB Max	2.2933	0	4.8273	0	3.5931	0	8.6891
NE+3.30	B21	21	DISX-COMB Max	2.5832	0	4.8273	0	3.5931	0	7.2961
NE+3.30	B21	21	DISX-COMB Max	3.1477	0	4.8273	0	3.5931	0	4.5936
NE+3.30	B21	21	DISX-COMB Max	3.7123	0	4.8273	0	3.5931	0	1.9555
NE+3.30	B21	21	DISX-COMB Max	4.21	0	4.8273	0	3.5931	0	0.9551
NE+3.30	B21	21	DISX-COMB Max	4.21	0	5.2826	0	8.3733	0	1.1026
NE+3.30	B21	21	DISX-COMB Max	4.2768	0	5.2826	0	8.3733	0	1.1166
NE+3.30	B21	21	DISX-COMB Max	4.8414	0	5.2826	0	8.3733	0	3.3846
NE+3.30	B21	21	DISX-COMB Max	5.4059	0	5.2826	0	8.3733	0	6.2811
NE+3.30	B21	21	DISX-COMB Max	5.9705	0	5.2826	0	8.3733	0	9.2324
NE+3.30	B21	21	DISX-COMB Max	6.535	0	5.2826	0	8.3733	0	12.1988
NE+3.30	B21	21	DISY-COMB Max	0.325	0	50.4804	0	2.4422	0	165.5244
NE+3.30	B21	21	DISY-COMB Max	0.8895	0	50.4804	0	2.4422	0	137.0259
NE+3.30	B21	21	DISY-COMB Max	1.4541	0	50.4804	0	2.4422	0	108.5274
NE+3.30	B21	21	DISY-COMB Max	2.0186	0	50.4804	0	2.4422	0	80.029
NE+3.30	B21	21	DISY-COMB Max	2.2933	0	50.4804	0	2.4422	0	66.162
NE+3.30	B21	21	DISY-COMB Max	2.2933	0	40.3306	0	0.6212	0	70.3104
NE+3.30	B21	21	DISY-COMB Max	2.5832	0	40.3306	0	0.6212	0	58.6213

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B21	21	DISY-COMB Max	3.1477	0	40.3306	0	0.6212	0	35.8547
NE+3.30	B21	21	DISY-COMB Max	3.7123	0	40.3306	0	0.6212	0	13.0948
NE+3.30	B21	21	DISY-COMB Max	4.21	0	40.3306	0	0.6212	0	7.0175
NE+3.30	B21	21	DISY-COMB Max	4.21	0	42.6102	0	0.9551	0	2.5493
NE+3.30	B21	21	DISY-COMB Max	4.2768	0	42.6102	0	0.9551	0	5.3679
NE+3.30	B21	21	DISY-COMB Max	4.8414	0	42.6102	0	0.9551	0	29.4026
NE+3.30	B21	21	DISY-COMB Max	5.4059	0	42.6102	0	0.9551	0	53.4559
NE+3.30	B21	21	DISY-COMB Max	5.9705	0	42.6102	0	0.9551	0	77.5105
NE+3.30	B21	21	DISY-COMB Max	6.535	0	42.6102	0	0.9551	0	101.5654
NE+3.30	B21	21	B241	0.325	0	-272.0748	0	3.0986	0	-286.0399
NE+3.30	B21	21	B241	0.8895	0	-262.9934	0	3.0986	0	-134.7445
NE+3.30	B21	21	B241	1.4541	0	-250.6553	0	3.0986	0	10.1554
NE+3.30	B21	21	B241	2.0186	0	-242.5988	0	3.0986	0	149.1527
NE+3.30	B21	21	B241	2.2933	0	-240.4847	0	3.0986	0	215.4774
NE+3.30	B21	21	B241	2.2933	0	-55.5689	0	0.6751	0	170.587
NE+3.30	B21	21	B241	2.5832	0	-53.2323	0	0.6751	0	186.39
NE+3.30	B21	21	B241	3.1477	0	-44.4911	0	0.6751	0	214.2351
NE+3.30	B21	21	B241	3.7123	0	-33.9032	0	0.6751	0	236.1496
NE+3.30	B21	21	B241	4.21	0	-28.9934	0	0.6751	0	251.6238
NE+3.30	B21	21	B241	4.21	0	220.3651	0	-3.5353	0	259.7568
NE+3.30	B21	21	B241	4.2768	0	220.7743	0	-3.5353	0	245.0192
NE+3.30	B21	21	B241	4.8414	0	227.3254	0	-3.5353	0	118.7932
NE+3.30	B21	21	B241	5.4059	0	239.4094	0	-3.5353	0	-12.693
NE+3.30	B21	21	B241	5.9705	0	253.7343	0	-3.5353	0	-152.0851
NE+3.30	B21	21	B241	6.535	0	262.8157	0	-3.5353	0	-298.1534
NE+3.30	B21	21	B242	0.325	0	-390.0845	0	-0.2853	0	-410.1481
NE+3.30	B21	21	B242	0.8895	0	-376.8151	0	-0.2853	0	-193.2102
NE+3.30	B21	21	B242	1.4541	0	-357.7528	0	-0.2853	0	13.9798
NE+3.30	B21	21	B242	2.0186	0	-346.3065	0	-0.2853	0	212.2987
NE+3.30	B21	21	B242	2.2933	0	-343.9496	0	-0.2853	0	307.0575
NE+3.30	B21	21	B242	2.2933	0	-76.1743	0	0.9106	0	243.9912
NE+3.30	B21	21	B242	2.5832	0	-73.4988	0	0.9106	0	265.7449
NE+3.30	B21	21	B242	3.1477	0	-60.8346	0	0.9106	0	304.1269
NE+3.30	B21	21	B242	3.7123	0	-44.8855	0	0.9106	0	333.5879
NE+3.30	B21	21	B242	4.21	0	-38.6953	0	0.9106	0	354.0708
NE+3.30	B21	21	B242	4.21	0	310.5184	0	0.3609	0	365.4802
NE+3.30	B21	21	B242	4.2768	0	310.9049	0	0.3609	0	344.7198
NE+3.30	B21	21	B242	4.8414	0	319.6733	0	0.3609	0	167.1878
NE+3.30	B21	21	B242	5.4059	0	338.2836	0	0.3609	0	-18.0725
NE+3.30	B21	21	B242	5.9705	0	360.8802	0	0.3609	0	-215.7673
NE+3.30	B21	21	B242	6.535	0	374.1497	0	0.3609	0	-423.7092
NE+3.30	B1	1	Pprop	0.225	0	-7.7698	0	-1.0041	0	-2.6693
NE+3.30	B1	1	Pprop	0.5232	0	-6.4946	0	-1.0041	0	-0.5426
NE+3.30	B1	1	Pprop	0.8214	0	-5.2193	0	-1.0041	0	1.2038
NE+3.30	B1	1	Pprop	1.1195	0	-3.9441	0	-1.0041	0	2.57

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B1	1	Pprop	1.4177	0	-2.6688	0	-1.0041	0	3.5559
NE+3.30	B1	1	Pprop	1.7159	0	-1.3935	0	-1.0041	0	4.1616
NE+3.30	B1	1	Pprop	1.865	0	-0.7559	0	-1.0041	0	4.3218
NE+3.30	B1	1	Pprop	1.865	0	2.3679	0	0.8333	0	4.3024
NE+3.30	B1	1	Pprop	2.0141	0	3.0056	0	0.8333	0	3.9018
NE+3.30	B1	1	Pprop	2.3123	0	4.2808	0	0.8333	0	2.8155
NE+3.30	B1	1	Pprop	2.6105	0	5.5561	0	0.8333	0	1.3489
NE+3.30	B1	1	Pprop	2.9086	0	6.8314	0	0.8333	0	-0.498
NE+3.30	B1	1	Pprop	3.2068	0	8.1066	0	0.8333	0	-2.7251
NE+3.30	B1	1	Pprop	3.26	0	8.3341	0	0.8333	0	-3.1623
NE+3.30	B1	1	Pprop	3.26	0	8.3341	0	0.8333	0	-3.1623
NE+3.30	B1	1	Pprop	3.505	0	9.3819	0	0.8333	0	-5.3325
NE+3.30	B1	1	Viva	0.225	0	-12.2227	0	-2.4901	0	-3.9441
NE+3.30	B1	1	Viva	0.5232	0	-11.1072	0	-2.4901	0	-0.4438
NE+3.30	B1	1	Viva	0.8214	0	-9.1677	0	-2.4901	0	2.5949
NE+3.30	B1	1	Viva	1.1195	0	-6.9118	0	-2.4901	0	4.9881
NE+3.30	B1	1	Viva	1.4177	0	-5.1518	0	-2.4901	0	6.7668
NE+3.30	B1	1	Viva	1.7159	0	-4.2627	0	-2.4901	0	8.1483
NE+3.30	B1	1	Viva	1.865	0	-4.1515	0	-2.4901	0	8.7728
NE+3.30	B1	1	Viva	1.865	0	8.5916	0	3.0114	0	8.7445
NE+3.30	B1	1	Viva	2.0141	0	9.0836	0	3.0114	0	7.4268
NE+3.30	B1	1	Viva	2.3123	0	10.0676	0	3.0114	0	4.5716
NE+3.30	B1	1	Viva	2.6105	0	11.0516	0	3.0114	0	1.4229
NE+3.30	B1	1	Viva	2.9086	0	12.0356	0	3.0114	0	-2.0192
NE+3.30	B1	1	Viva	3.2068	0	13.0196	0	3.0114	0	-5.7547
NE+3.30	B1	1	Viva	3.26	0	13.1951	0	3.0114	0	-6.4517
NE+3.30	B1	1	Viva	3.26	0	13.8325	0	3.0114	0	-6.4517
NE+3.30	B1	1	Viva	3.505	0	13.9821	0	3.0114	0	-9.853
NE+3.30	B1	1	Psup	0.225	0	-17.6339	0	-3.5069	0	-6.3712
NE+3.30	B1	1	Psup	0.5232	0	-16.14	0	-3.5069	0	-1.3063
NE+3.30	B1	1	Psup	0.8214	0	-13.5426	0	-3.5069	0	3.1404
NE+3.30	B1	1	Psup	1.1195	0	-10.5215	0	-3.5069	0	6.7226
NE+3.30	B1	1	Psup	1.4177	0	-8.1645	0	-3.5069	0	9.4819
NE+3.30	B1	1	Psup	1.7159	0	-6.9738	0	-3.5069	0	11.7093
NE+3.30	B1	1	Psup	1.865	0	-6.825	0	-3.5069	0	12.7343
NE+3.30	B1	1	Psup	1.865	0	11.8673	0	4.3981	0	12.6926
NE+3.30	B1	1	Psup	2.0141	0	12.5262	0	4.3981	0	10.8741
NE+3.30	B1	1	Psup	2.3123	0	13.8439	0	4.3981	0	6.9426
NE+3.30	B1	1	Psup	2.6105	0	15.1617	0	4.3981	0	2.6181
NE+3.30	B1	1	Psup	2.9086	0	16.4795	0	4.3981	0	-2.0993
NE+3.30	B1	1	Psup	3.2068	0	17.7973	0	4.3981	0	-7.2097
NE+3.30	B1	1	Psup	3.26	0	18.0323	0	4.3981	0	-8.1624
NE+3.30	B1	1	Psup	3.26	0	18.886	0	4.3981	0	-8.1624
NE+3.30	B1	1	Psup	3.505	0	19.0862	0	4.3981	0	-12.8059
NE+3.30	B1	1	Viva.cub	0.225	0	-0.668	0	0.0614	0	-1.0045

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B1	1	Viva.cub	0.5232	0	-0.668	0	0.0614	0	-0.8053
NE+3.30	B1	1	Viva.cub	0.8214	0	-0.668	0	0.0614	0	-0.6061
NE+3.30	B1	1	Viva.cub	1.1195	0	-0.668	0	0.0614	0	-0.407
NE+3.30	B1	1	Viva.cub	1.4177	0	-0.668	0	0.0614	0	-0.2078
NE+3.30	B1	1	Viva.cub	1.7159	0	-0.668	0	0.0614	0	-0.0086
NE+3.30	B1	1	Viva.cub	1.865	0	-0.668	0	0.0614	0	0.091
NE+3.30	B1	1	Viva.cub	1.865	0	-0.6866	0	0.0329	0	0.0586
NE+3.30	B1	1	Viva.cub	2.0141	0	-0.6866	0	0.0329	0	0.1609
NE+3.30	B1	1	Viva.cub	2.3123	0	-0.6866	0	0.0329	0	0.3657
NE+3.30	B1	1	Viva.cub	2.6105	0	-0.6866	0	0.0329	0	0.5704
NE+3.30	B1	1	Viva.cub	2.9086	0	-0.6866	0	0.0329	0	0.7751
NE+3.30	B1	1	Viva.cub	3.2068	0	-0.6866	0	0.0329	0	0.9799
NE+3.30	B1	1	Viva.cub	3.26	0	-0.6866	0	0.0329	0	1.0164
NE+3.30	B1	1	Viva.cub	3.26	0	-0.6866	0	0.0329	0	1.0164
NE+3.30	B1	1	Viva.cub	3.505	0	-0.6866	0	0.0329	0	1.1846
NE+3.30	B1	1	DISX-COMB Max	0.225	0	85.7761	0	5.661	0	167.843
NE+3.30	B1	1	DISX-COMB Max	0.5232	0	85.7761	0	5.661	0	142.2731
NE+3.30	B1	1	DISX-COMB Max	0.8214	0	85.7761	0	5.661	0	116.7064
NE+3.30	B1	1	DISX-COMB Max	1.1195	0	85.7761	0	5.661	0	91.1454
NE+3.30	B1	1	DISX-COMB Max	1.4177	0	85.7761	0	5.661	0	65.5967
NE+3.30	B1	1	DISX-COMB Max	1.7159	0	85.7761	0	5.661	0	40.084
NE+3.30	B1	1	DISX-COMB Max	1.865	0	85.7761	0	5.661	0	27.3726
NE+3.30	B1	1	DISX-COMB Max	1.865	0	88.747	0	1.7011	0	26.878
NE+3.30	B1	1	DISX-COMB Max	2.0141	0	88.747	0	1.7011	0	13.7336
NE+3.30	B1	1	DISX-COMB Max	2.3123	0	88.747	0	1.7011	0	13.0918
NE+3.30	B1	1	DISX-COMB Max	2.6105	0	88.747	0	1.7011	0	39.4301
NE+3.30	B1	1	DISX-COMB Max	2.9086	0	88.747	0	1.7011	0	65.8682
NE+3.30	B1	1	DISX-COMB Max	3.2068	0	88.747	0	1.7011	0	92.3205
NE+3.30	B1	1	DISX-COMB Max	3.26	0	88.747	0	1.7011	0	97.039
NE+3.30	B1	1	DISX-COMB Max	3.26	0	88.747	0	1.7011	0	97.039
NE+3.30	B1	1	DISX-COMB Max	3.505	0	88.747	0	1.7011	0	118.7774
NE+3.30	B1	1	DISY-COMB Max	0.225	0	10.5308	0	12.1789	0	20.5535
NE+3.30	B1	1	DISY-COMB Max	0.5232	0	10.5308	0	12.1789	0	17.7882
NE+3.30	B1	1	DISY-COMB Max	0.8214	0	10.5308	0	12.1789	0	15.1696
NE+3.30	B1	1	DISY-COMB Max	1.1195	0	10.5308	0	12.1789	0	12.788
NE+3.30	B1	1	DISY-COMB Max	1.4177	0	10.5308	0	12.1789	0	10.8013
NE+3.30	B1	1	DISY-COMB Max	1.7159	0	10.5308	0	12.1789	0	9.4618
NE+3.30	B1	1	DISY-COMB Max	1.865	0	10.5308	0	12.1789	0	9.1296
NE+3.30	B1	1	DISY-COMB Max	1.865	0	15.3578	0	5.4261	0	8.9855
NE+3.30	B1	1	DISY-COMB Max	2.0141	0	15.3578	0	5.4261	0	6.9446
NE+3.30	B1	1	DISY-COMB Max	2.3123	0	15.3578	0	5.4261	0	3.8287
NE+3.30	B1	1	DISY-COMB Max	2.6105	0	15.3578	0	5.4261	0	4.7993
NE+3.30	B1	1	DISY-COMB Max	2.9086	0	15.3578	0	5.4261	0	8.5645
NE+3.30	B1	1	DISY-COMB Max	3.2068	0	15.3578	0	5.4261	0	12.8689
NE+3.30	B1	1	DISY-COMB Max	3.26	0	15.3578	0	5.4261	0	13.6554

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B1	1	DISY-COMB Max	3.26	0	15.3578	0	5.4261	0	13.6554
NE+3.30	B1	1	DISY-COMB Max	3.505	0	15.3578	0	5.4261	0	17.315
NE+3.30	B1	1	B241	0.225	0	-32.9307	0	-5.8477	0	-11.7192
NE+3.30	B1	1	B241	0.5232	0	-29.3412	0	-5.8477	0	-2.3967
NE+3.30	B1	1	B241	0.8214	0	-24.3211	0	-5.8477	0	5.6314
NE+3.30	B1	1	B241	1.1195	0	-18.7516	0	-5.8477	0	12.046
NE+3.30	B1	1	B241	1.4177	0	-14.0432	0	-5.8477	0	16.9009
NE+3.30	B1	1	B241	1.7159	0	-10.8465	0	-5.8477	0	20.5734
NE+3.30	B1	1	B241	1.865	0	-9.827	0	-5.8477	0	22.1097
NE+3.30	B1	1	B241	1.865	0	18.4531	0	6.7814	0	22.0305
NE+3.30	B1	1	B241	2.0141	0	20.1337	0	6.7814	0	19.154
NE+3.30	B1	1	B241	2.3123	0	23.4951	0	6.7814	0	12.6494
NE+3.30	B1	1	B241	2.6105	0	26.8564	0	6.7814	0	5.1424
NE+3.30	B1	1	B241	2.9086	0	30.2178	0	6.7814	0	-3.3668
NE+3.30	B1	1	B241	3.2068	0	33.5791	0	6.7814	0	-12.8784
NE+3.30	B1	1	B241	3.26	0	34.1786	0	6.7814	0	-14.6801
NE+3.30	B1	1	B241	3.26	0	35.2852	0	6.7814	0	-14.6801
NE+3.30	B1	1	B241	3.505	0	36.9031	0	6.7814	0	-23.5127
NE+3.30	B1	1	B242	0.225	0	-48.1166	0	-8.9657	0	-16.8579
NE+3.30	B1	1	B242	0.5232	0	-43.2551	0	-8.9657	0	-3.167
NE+3.30	B1	1	B242	0.8214	0	-35.8489	0	-8.9657	0	8.6757
NE+3.30	B1	1	B242	1.1195	0	-27.4657	0	-8.9657	0	18.1026
NE+3.30	B1	1	B242	1.4177	0	-20.6138	0	-8.9657	0	25.2094
NE+3.30	B1	1	B242	1.7159	0	-16.4513	0	-8.9657	0	30.6673
NE+3.30	B1	1	B242	1.865	0	-15.3996	0	-8.9657	0	33.0331
NE+3.30	B1	1	B242	1.865	0	29.2201	0	10.6473	0	32.9037
NE+3.30	B1	1	B242	2.0141	0	31.4479	0	10.6473	0	28.3812
NE+3.30	B1	1	B242	2.3123	0	35.9035	0	10.6473	0	18.3397
NE+3.30	B1	1	B242	2.6105	0	40.359	0	10.6473	0	6.9696
NE+3.30	B1	1	B242	2.9086	0	44.8146	0	10.6473	0	-5.729
NE+3.30	B1	1	B242	3.2068	0	49.2701	0	10.6473	0	-19.7561
NE+3.30	B1	1	B242	3.26	0	50.0648	0	10.6473	0	-22.3975
NE+3.30	B1	1	B242	3.26	0	52.0332	0	10.6473	0	-22.3975
NE+3.30	B1	1	B242	3.505	0	53.6593	0	10.6473	0	-35.3261
NE+3.30	B2	2	Pprop	0.225	0	-8.068	0	0.2737	0	-3.9765
NE+3.30	B2	2	Pprop	0.6318	0	-6.3281	0	0.2737	0	-1.0483
NE+3.30	B2	2	Pprop	1.0386	0	-4.5882	0	0.2737	0	1.1722
NE+3.30	B2	2	Pprop	1.4455	0	-2.8483	0	0.2737	0	2.6849
NE+3.30	B2	2	Pprop	1.8523	0	-1.1084	0	0.2737	0	3.4897
NE+3.30	B2	2	Pprop	2.2591	0	0.6314	0	0.2737	0	3.5867
NE+3.30	B2	2	Pprop	2.6659	0	2.3713	0	0.2737	0	2.976
NE+3.30	B2	2	Pprop	3.0727	0	4.1112	0	0.2737	0	1.6573
NE+3.30	B2	2	Pprop	3.4795	0	5.8511	0	0.2737	0	-0.3691
NE+3.30	B2	2	Pprop	3.8864	0	7.591	0	0.2737	0	-3.1033
NE+3.30	B2	2	Pprop	4.2932	0	9.3308	0	0.2737	0	-6.5454

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B2	2	Pprop	4.7	0	11.0707	0	0.2737	0	-10.6952
NE+3.30	B2	2	Viva	0.225	0	-7.7954	0	0.6633	0	-3.4716
NE+3.30	B2	2	Viva	0.6318	0	-6.924	0	0.6633	0	-0.4495
NE+3.30	B2	2	Viva	1.0386	0	-5.2251	0	0.6633	0	2.0498
NE+3.30	B2	2	Viva	1.4455	0	-2.9268	0	0.6633	0	3.7126
NE+3.30	B2	2	Viva	1.8523	0	-0.6012	0	0.6633	0	4.4302
NE+3.30	B2	2	Viva	2.2591	0	1.7245	0	0.6633	0	4.2017
NE+3.30	B2	2	Viva	2.6659	0	4.0501	0	0.6633	0	3.0271
NE+3.30	B2	2	Viva	3.0727	0	6.3757	0	0.6633	0	0.9064
NE+3.30	B2	2	Viva	3.4795	0	8.7014	0	0.6633	0	-2.1604
NE+3.30	B2	2	Viva	3.8864	0	11.0248	0	0.6633	0	-6.1733
NE+3.30	B2	2	Viva	4.2932	0	12.8763	0	0.6633	0	-11.0631
NE+3.30	B2	2	Viva	4.7	0	13.9003	0	0.6633	0	-16.5378
NE+3.30	B2	2	Psup	0.225	0	-10.3361	0	0.9216	0	-4.8489
NE+3.30	B2	2	Psup	0.6318	0	-9.1691	0	0.9216	0	-0.8437
NE+3.30	B2	2	Psup	1.0386	0	-6.8939	0	0.9216	0	2.4612
NE+3.30	B2	2	Psup	1.4455	0	-3.8161	0	0.9216	0	4.6459
NE+3.30	B2	2	Psup	1.8523	0	-0.7016	0	0.9216	0	5.5649
NE+3.30	B2	2	Psup	2.2591	0	2.4129	0	0.9216	0	5.2168
NE+3.30	B2	2	Psup	2.6659	0	5.5274	0	0.9216	0	3.6017
NE+3.30	B2	2	Psup	3.0727	0	8.6419	0	0.9216	0	0.7195
NE+3.30	B2	2	Psup	3.4795	0	11.7564	0	0.9216	0	-3.4297
NE+3.30	B2	2	Psup	3.8864	0	14.8679	0	0.9216	0	-8.8459
NE+3.30	B2	2	Psup	4.2932	0	17.3474	0	0.9216	0	-15.4364
NE+3.30	B2	2	Psup	4.7	0	18.7188	0	0.9216	0	-22.8101
NE+3.30	B2	2	Viva.cub	0.225	0	-0.0804	0	0.0177	0	-0.0636
NE+3.30	B2	2	Viva.cub	0.6318	0	-0.0804	0	0.0177	0	-0.0309
NE+3.30	B2	2	Viva.cub	1.0386	0	-0.0804	0	0.0177	0	0.0018
NE+3.30	B2	2	Viva.cub	1.4455	0	-0.0804	0	0.0177	0	0.0345
NE+3.30	B2	2	Viva.cub	1.8523	0	-0.0804	0	0.0177	0	0.0672
NE+3.30	B2	2	Viva.cub	2.2591	0	-0.0804	0	0.0177	0	0.1
NE+3.30	B2	2	Viva.cub	2.6659	0	-0.0804	0	0.0177	0	0.1327
NE+3.30	B2	2	Viva.cub	3.0727	0	-0.0804	0	0.0177	0	0.1654
NE+3.30	B2	2	Viva.cub	3.4795	0	-0.0804	0	0.0177	0	0.1981
NE+3.30	B2	2	Viva.cub	3.8864	0	-0.0804	0	0.0177	0	0.2308
NE+3.30	B2	2	Viva.cub	4.2932	0	-0.0804	0	0.0177	0	0.2635
NE+3.30	B2	2	Viva.cub	4.7	0	-0.0804	0	0.0177	0	0.2962
NE+3.30	B2	2	DISX-COMB Max	0.225	0	33.5432	0	0.8251	0	72.1677
NE+3.30	B2	2	DISX-COMB Max	0.6318	0	33.5432	0	0.8251	0	58.5218
NE+3.30	B2	2	DISX-COMB Max	1.0386	0	33.5432	0	0.8251	0	44.8758
NE+3.30	B2	2	DISX-COMB Max	1.4455	0	33.5432	0	0.8251	0	31.2299
NE+3.30	B2	2	DISX-COMB Max	1.8523	0	33.5432	0	0.8251	0	17.584
NE+3.30	B2	2	DISX-COMB Max	2.2591	0	33.5432	0	0.8251	0	3.939
NE+3.30	B2	2	DISX-COMB Max	2.6659	0	33.5432	0	0.8251	0	9.7087
NE+3.30	B2	2	DISX-COMB Max	3.0727	0	33.5432	0	0.8251	0	23.3544

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B2	2	DISX-COMB Max	3.4795	0	33.5432	0	0.8251	0	37.0003
NE+3.30	B2	2	DISX-COMB Max	3.8864	0	33.5432	0	0.8251	0	50.6463
NE+3.30	B2	2	DISX-COMB Max	4.2932	0	33.5432	0	0.8251	0	64.2923
NE+3.30	B2	2	DISX-COMB Max	4.7	0	33.5432	0	0.8251	0	77.9382
NE+3.30	B2	2	DISY-COMB Max	0.225	0	4.1618	0	0.4269	0	9.1351
NE+3.30	B2	2	DISY-COMB Max	0.6318	0	4.1618	0	0.4269	0	7.4425
NE+3.30	B2	2	DISY-COMB Max	1.0386	0	4.1618	0	0.4269	0	5.7502
NE+3.30	B2	2	DISY-COMB Max	1.4455	0	4.1618	0	0.4269	0	4.0586
NE+3.30	B2	2	DISY-COMB Max	1.8523	0	4.1618	0	0.4269	0	2.369
NE+3.30	B2	2	DISY-COMB Max	2.2591	0	4.1618	0	0.4269	0	0.6968
NE+3.30	B2	2	DISY-COMB Max	2.6659	0	4.1618	0	0.4269	0	1.045
NE+3.30	B2	2	DISY-COMB Max	3.0727	0	4.1618	0	0.4269	0	2.7261
NE+3.30	B2	2	DISY-COMB Max	3.4795	0	4.1618	0	0.4269	0	4.4164
NE+3.30	B2	2	DISY-COMB Max	3.8864	0	4.1618	0	0.4269	0	6.1083
NE+3.30	B2	2	DISY-COMB Max	4.2932	0	4.1618	0	0.4269	0	7.8006
NE+3.30	B2	2	DISY-COMB Max	4.7	0	4.1618	0	0.4269	0	9.4933
NE+3.30	B2	2	B241	0.225	0	-23.8572	0	1.5494	0	-11.4403
NE+3.30	B2	2	B241	0.6318	0	-20.089	0	1.5494	0	-2.4526
NE+3.30	B2	2	B241	1.0386	0	-14.8842	0	1.5494	0	4.71
NE+3.30	B2	2	B241	1.4455	0	-8.6391	0	1.5494	0	9.5029
NE+3.30	B2	2	B241	1.8523	0	-2.3464	0	1.5494	0	11.7374
NE+3.30	B2	2	B241	2.2591	0	3.9463	0	1.5494	0	11.412
NE+3.30	B2	2	B241	2.6659	0	10.2391	0	1.5494	0	8.5265
NE+3.30	B2	2	B241	3.0727	0	16.5318	0	1.5494	0	3.0811
NE+3.30	B2	2	B241	3.4795	0	22.8245	0	1.5494	0	-4.9243
NE+3.30	B2	2	B241	3.8864	0	29.1134	0	1.5494	0	-15.4897
NE+3.30	B2	2	B241	4.2932	0	34.583	0	1.5494	0	-28.4948
NE+3.30	B2	2	B241	4.7	0	38.616	0	1.5494	0	-43.4328
NE+3.30	B2	2	B242	0.225	0	-32.9619	0	2.3982	0	-15.3924
NE+3.30	B2	2	B242	0.6318	0	-28.3377	0	2.3982	0	-2.8369
NE+3.30	B2	2	B242	1.0386	0	-21.1582	0	2.3982	0	7.3177
NE+3.30	B2	2	B242	1.4455	0	-12.1281	0	2.3982	0	14.1027
NE+3.30	B2	2	B242	1.8523	0	-3.0133	0	2.3982	0	17.1826
NE+3.30	B2	2	B242	2.2591	0	6.1015	0	2.3982	0	16.5544
NE+3.30	B2	2	B242	2.6659	0	15.2163	0	2.3982	0	12.2182
NE+3.30	B2	2	B242	3.0727	0	24.3311	0	2.3982	0	4.1739
NE+3.30	B2	2	B242	3.4795	0	33.4459	0	2.3982	0	-7.5785
NE+3.30	B2	2	B242	3.8864	0	42.5538	0	2.3982	0	-23.0388
NE+3.30	B2	2	B242	4.2932	0	50.2044	0	2.3982	0	-41.9933
NE+3.30	B2	2	B242	4.7	0	55.2997	0	2.3982	0	-63.5405
NE+3.30	B3	3	Pprop	0.3	0	-25.2999	0	2.5389	0	-32.3946
NE+3.30	B3	3	Pprop	1.0459	0	-22.1097	0	2.5389	0	-14.713
NE+3.30	B3	3	Pprop	1.7918	0	-18.9196	0	2.5389	0	0.5891
NE+3.30	B3	3	Pprop	2.5377	0	-15.7295	0	2.5389	0	13.5117
NE+3.30	B3	3	Pprop	3.2836	0	-12.5394	0	2.5389	0	24.0547

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B3	3	Pprop	3.45	0	-11.8279	0	2.5389	0	26.0816
NE+3.30	B3	3	Pprop	3.45	0	1.1123	0	-1.7589	0	25.643
NE+3.30	B3	3	Pprop	4.0295	0	3.5909	0	-1.7589	0	24.2801
NE+3.30	B3	3	Pprop	4.7755	0	6.781	0	-1.7589	0	20.4119
NE+3.30	B3	3	Pprop	5.5214	0	9.9711	0	-1.7589	0	14.1641
NE+3.30	B3	3	Pprop	6.2673	0	13.1612	0	-1.7589	0	5.5368
NE+3.30	B3	3	Pprop	7.0132	0	16.3513	0	-1.7589	0	-5.47
NE+3.30	B3	3	Pprop	7.7591	0	19.5414	0	-1.7589	0	-18.8564
NE+3.30	B3	3	Pprop	8.505	0	22.7315	0	-1.7589	0	-34.6223
NE+3.30	B3	3	Viva	0.3	0	-39.8785	0	6.9171	0	-55.7016
NE+3.30	B3	3	Viva	1.0459	0	-37.3687	0	6.9171	0	-26.719
NE+3.30	B3	3	Viva	1.7918	0	-32.8972	0	6.9171	0	-0.4851
NE+3.30	B3	3	Viva	2.5377	0	-28.5307	0	6.9171	0	22.3537
NE+3.30	B3	3	Viva	3.2836	0	-26.5193	0	6.9171	0	42.7119
NE+3.30	B3	3	Viva	3.45	0	-26.4501	0	6.9171	0	47.1161
NE+3.30	B3	3	Viva	3.45	0	8.3595	0	-4.7925	0	49.7521
NE+3.30	B3	3	Viva	4.0295	0	9.1992	0	-4.7925	0	44.7452
NE+3.30	B3	3	Viva	4.7755	0	12.7516	0	-4.7925	0	36.7315
NE+3.30	B3	3	Viva	5.5214	0	17.6932	0	-4.7925	0	25.3769
NE+3.30	B3	3	Viva	6.2673	0	22.6349	0	-4.7925	0	10.3364
NE+3.30	B3	3	Viva	7.0132	0	27.5765	0	-4.7925	0	-8.3902
NE+3.30	B3	3	Viva	7.7591	0	32.2047	0	-4.7925	0	-30.7658
NE+3.30	B3	3	Viva	8.505	0	34.4348	0	-4.7925	0	-55.7923
NE+3.30	B3	3	Psup	0.3	0	-59.9531	0	9.2314	0	-85.0523
NE+3.30	B3	3	Psup	1.0459	0	-56.592	0	9.2314	0	-41.3547
NE+3.30	B3	3	Psup	1.7918	0	-50.6037	0	9.2314	0	-1.3382
NE+3.30	B3	3	Psup	2.5377	0	-44.7561	0	9.2314	0	34.1316
NE+3.30	B3	3	Psup	3.2836	0	-42.0625	0	9.2314	0	66.2794
NE+3.30	B3	3	Psup	3.45	0	-41.9698	0	9.2314	0	73.2668
NE+3.30	B3	3	Psup	3.45	0	16.2663	0	-5.9485	0	79.6241
NE+3.30	B3	3	Psup	4.0295	0	17.3908	0	-5.9485	0	69.9798
NE+3.30	B3	3	Psup	4.7755	0	22.1482	0	-5.9485	0	55.4651
NE+3.30	B3	3	Psup	5.5214	0	28.7661	0	-5.9485	0	36.4763
NE+3.30	B3	3	Psup	6.2673	0	35.3839	0	-5.9485	0	12.5513
NE+3.30	B3	3	Psup	7.0132	0	42.0018	0	-5.9485	0	-16.31
NE+3.30	B3	3	Psup	7.7591	0	48.1999	0	-5.9485	0	-50.0582
NE+3.30	B3	3	Psup	8.505	0	51.1864	0	-5.9485	0	-87.3563
NE+3.30	B3	3	Viva.cub	0.3	0	-0.0644	0	-0.082	0	-0.2498
NE+3.30	B3	3	Viva.cub	1.0459	0	-0.0644	0	-0.082	0	-0.2018
NE+3.30	B3	3	Viva.cub	1.7918	0	-0.0644	0	-0.082	0	-0.1538
NE+3.30	B3	3	Viva.cub	2.5377	0	-0.0644	0	-0.082	0	-0.1058
NE+3.30	B3	3	Viva.cub	3.2836	0	-0.0644	0	-0.082	0	-0.0578
NE+3.30	B3	3	Viva.cub	3.45	0	-0.0644	0	-0.082	0	-0.0471
NE+3.30	B3	3	Viva.cub	3.45	0	-0.0351	0	0.0511	0	-0.0632
NE+3.30	B3	3	Viva.cub	4.0295	0	-0.0351	0	0.0511	0	-0.0429

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B3	3	Viva.cub	4.7755	0	-0.0351	0	0.0511	0	-0.0168
NE+3.30	B3	3	Viva.cub	5.5214	0	-0.0351	0	0.0511	0	0.0094
NE+3.30	B3	3	Viva.cub	6.2673	0	-0.0351	0	0.0511	0	0.0356
NE+3.30	B3	3	Viva.cub	7.0132	0	-0.0351	0	0.0511	0	0.0617
NE+3.30	B3	3	Viva.cub	7.7591	0	-0.0351	0	0.0511	0	0.0879
NE+3.30	B3	3	Viva.cub	8.505	0	-0.0351	0	0.0511	0	0.114
NE+3.30	B3	3	DISX-COMB Max	0.3	0	14.4897	0	1.9005	0	53.779
NE+3.30	B3	3	DISX-COMB Max	1.0459	0	14.4897	0	1.9005	0	42.9822
NE+3.30	B3	3	DISX-COMB Max	1.7918	0	14.4897	0	1.9005	0	32.193
NE+3.30	B3	3	DISX-COMB Max	2.5377	0	14.4897	0	1.9005	0	21.4226
NE+3.30	B3	3	DISX-COMB Max	3.2836	0	14.4897	0	1.9005	0	10.728
NE+3.30	B3	3	DISX-COMB Max	3.45	0	14.4897	0	1.9005	0	8.3825
NE+3.30	B3	3	DISX-COMB Max	3.45	0	12.0634	0	0.8116	0	11.467
NE+3.30	B3	3	DISX-COMB Max	4.0295	0	12.0634	0	0.8116	0	4.5552
NE+3.30	B3	3	DISX-COMB Max	4.7755	0	12.0634	0	0.8116	0	4.7006
NE+3.30	B3	3	DISX-COMB Max	5.5214	0	12.0634	0	0.8116	0	13.6153
NE+3.30	B3	3	DISX-COMB Max	6.2673	0	12.0634	0	0.8116	0	22.5963
NE+3.30	B3	3	DISX-COMB Max	7.0132	0	12.0634	0	0.8116	0	31.587
NE+3.30	B3	3	DISX-COMB Max	7.7591	0	12.0634	0	0.8116	0	40.5811
NE+3.30	B3	3	DISX-COMB Max	8.505	0	12.0634	0	0.8116	0	49.5766
NE+3.30	B3	3	DISY-COMB Max	0.3	0	5.6361	0	6.9203	0	11.7284
NE+3.30	B3	3	DISY-COMB Max	1.0459	0	5.6361	0	6.9203	0	7.7064
NE+3.30	B3	3	DISY-COMB Max	1.7918	0	5.6361	0	6.9203	0	4.0707
NE+3.30	B3	3	DISY-COMB Max	2.5377	0	5.6361	0	6.9203	0	3.0167
NE+3.30	B3	3	DISY-COMB Max	3.2836	0	5.6361	0	6.9203	0	6.081
NE+3.30	B3	3	DISY-COMB Max	3.45	0	5.6361	0	6.9203	0	6.9295
NE+3.30	B3	3	DISY-COMB Max	3.45	0	2.1702	0	5.8758	0	6.7582
NE+3.30	B3	3	DISY-COMB Max	4.0295	0	2.1702	0	5.8758	0	5.637
NE+3.30	B3	3	DISY-COMB Max	4.7755	0	2.1702	0	5.8758	0	4.3064
NE+3.30	B3	3	DISY-COMB Max	5.5214	0	2.1702	0	5.8758	0	3.2489
NE+3.30	B3	3	DISY-COMB Max	6.2673	0	2.1702	0	5.8758	0	2.7941
NE+3.30	B3	3	DISY-COMB Max	7.0132	0	2.1702	0	5.8758	0	3.2092
NE+3.30	B3	3	DISY-COMB Max	7.7591	0	2.1702	0	5.8758	0	4.2465
NE+3.30	B3	3	DISY-COMB Max	8.505	0	2.1702	0	5.8758	0	5.5684
NE+3.30	B3	3	B241	0.3	0	-110.5131	0	15.2578	0	-152.246
NE+3.30	B3	3	B241	1.0459	0	-102.0207	0	15.2578	0	-72.6804
NE+3.30	B3	3	B241	1.7918	0	-90.1229	0	15.2578	0	-0.9711
NE+3.30	B3	3	B241	2.5377	0	-78.4074	0	15.2578	0	61.7597
NE+3.30	B3	3	B241	3.2836	0	-70.7802	0	15.2578	0	117.0998
NE+3.30	B3	3	B241	3.45	0	-69.7378	0	15.2578	0	128.785
NE+3.30	B3	3	B241	3.45	0	22.5279	0	-9.9911	0	136.4573
NE+3.30	B3	3	B241	4.0295	0	27.1986	0	-9.9911	0	122.1887
NE+3.30	B3	3	B241	4.7755	0	37.5008	0	-9.9911	0	98.359
NE+3.30	B3	3	B241	5.5214	0	50.2149	0	-9.9911	0	65.645
NE+3.30	B3	3	B241	6.2673	0	62.9289	0	-9.9911	0	23.4476

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B3	3	B241	7.0132	0	75.6429	0	-9.9911	0	-28.2334
NE+3.30	B3	3	B241	7.7591	0	87.8128	0	-9.9911	0	-89.3336
NE+3.30	B3	3	B241	8.505	0	95.8195	0	-9.9911	0	-158.1203
NE+3.30	B3	3	B242	0.3	0	-158.5633	0	24.1044	0	-219.744
NE+3.30	B3	3	B242	1.0459	0	-147.2684	0	24.1044	0	-105.1487
NE+3.30	B3	3	B242	1.7918	0	-129.9159	0	24.1044	0	-1.6854
NE+3.30	B3	3	B242	2.5377	0	-112.8876	0	24.1044	0	88.6499
NE+3.30	B3	3	B242	3.2836	0	-103.1318	0	24.1044	0	168.6814
NE+3.30	B3	3	B242	3.45	0	-102.1276	0	24.1044	0	185.7493
NE+3.30	B3	3	B242	3.45	0	32.6673	0	-16.2063	0	196.5352
NE+3.30	B3	3	B242	4.0295	0	38.0142	0	-16.2063	0	176.3041
NE+3.30	B3	3	B242	4.7755	0	52.5286	0	-16.2063	0	143.0697
NE+3.30	B3	3	B242	5.5214	0	71.333	0	-16.2063	0	96.875
NE+3.30	B3	3	B242	6.2673	0	90.1373	0	-16.2063	0	36.6539
NE+3.30	B3	3	B242	7.0132	0	108.9417	0	-16.2063	0	-37.5935
NE+3.30	B3	3	B242	7.7591	0	126.7781	0	-16.2063	0	-125.7531
NE+3.30	B3	3	B242	8.505	0	137.2092	0	-16.2063	0	-224.7423
NE+3.30	B4	4	Pprop	0.225	0	-24.9142	0	2.9499	0	-39.8421
NE+3.30	B4	4	Pprop	0.9777	0	-21.6949	0	2.9499	0	-22.3001
NE+3.30	B4	4	Pprop	1.7305	0	-18.4757	0	2.9499	0	-7.1813
NE+3.30	B4	4	Pprop	2.4832	0	-15.2564	0	2.9499	0	5.5142
NE+3.30	B4	4	Pprop	3.1	0	-12.6184	0	2.9499	0	14.1111
NE+3.30	B4	4	Pprop	3.1	0	-12.6184	0	2.9499	0	14.1111
NE+3.30	B4	4	Pprop	3.2359	0	-12.0372	0	2.9499	0	15.7865
NE+3.30	B4	4	Pprop	3.9886	0	-8.8179	0	2.9499	0	23.6356
NE+3.30	B4	4	Pprop	4.7414	0	-5.5986	0	2.9499	0	29.0614
NE+3.30	B4	4	Pprop	5.4941	0	-2.3794	0	2.9499	0	32.0641
NE+3.30	B4	4	Pprop	5.72	0	-1.4132	0	2.9499	0	32.4925
NE+3.30	B4	4	Pprop	5.72	0	18.5865	0	-6.1279	0	35.7626
NE+3.30	B4	4	Pprop	6.2468	0	20.8396	0	-6.1279	0	25.3774
NE+3.30	B4	4	Pprop	6.9995	0	24.0588	0	-6.1279	0	8.4793
NE+3.30	B4	4	Pprop	7.21	0	24.9589	0	-6.1279	0	3.3213
NE+3.30	B4	4	Pprop	7.21	0	41.7766	0	-6.1279	0	3.2429
NE+3.30	B4	4	Pprop	7.7523	0	44.0958	0	-6.1279	0	-20.0403
NE+3.30	B4	4	Pprop	8.505	0	47.3151	0	-6.1279	0	-54.444
NE+3.30	B4	4	Viva	0.225	0	-26.4499	0	2.3263	0	-43.1386
NE+3.30	B4	4	Viva	0.9777	0	-24.1865	0	2.3263	0	-23.9032
NE+3.30	B4	4	Viva	1.7305	0	-19.5012	0	2.3263	0	-7.3822
NE+3.30	B4	4	Viva	2.4832	0	-15.7682	0	2.3263	0	5.716
NE+3.30	B4	4	Viva	3.1	0	-14.817	0	2.3263	0	15.051
NE+3.30	B4	4	Viva	3.1	0	-8.6726	0	2.3263	0	15.051
NE+3.30	B4	4	Viva	3.2359	0	-8.6541	0	2.3263	0	16.2289
NE+3.30	B4	4	Viva	3.9886	0	-7.8829	0	2.3263	0	22.5239
NE+3.30	B4	4	Viva	4.7414	0	-6.1981	0	2.3263	0	27.8362
NE+3.30	B4	4	Viva	5.4941	0	-5.2914	0	2.3263	0	32.0893

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B4	4	Viva	5.72	0	-5.2404	0	2.3263	0	33.277
NE+3.30	B4	4	Viva	5.72	0	18.7746	0	-6.0249	0	31.2593
NE+3.30	B4	4	Viva	6.2468	0	19.0522	0	-6.0249	0	21.3198
NE+3.30	B4	4	Viva	6.9995	0	19.8404	0	-6.0249	0	6.6398
NE+3.30	B4	4	Viva	7.21	0	19.8847	0	-6.0249	0	2.4581
NE+3.30	B4	4	Viva	7.21	0	38.854	0	-6.0249	0	2.2831
NE+3.30	B4	4	Viva	7.7523	0	39.0929	0	-6.0249	0	-18.8352
NE+3.30	B4	4	Viva	8.505	0	39.5491	0	-6.0249	0	-48.4355
NE+3.30	B4	4	Psup	0.225	0	-53.1402	0	6.7439	0	-93.8521
NE+3.30	B4	4	Psup	0.9777	0	-50.1091	0	6.7439	0	-54.7548
NE+3.30	B4	4	Psup	1.7305	0	-43.8345	0	6.7439	0	-19.2926
NE+3.30	B4	4	Psup	2.4832	0	-38.8353	0	6.7439	0	11.5857
NE+3.30	B4	4	Psup	3.1	0	-37.5615	0	6.7439	0	35.0162
NE+3.30	B4	4	Psup	3.1	0	-25.8066	0	6.7439	0	35.0162
NE+3.30	B4	4	Psup	3.2359	0	-25.7447	0	6.7439	0	38.5208
NE+3.30	B4	4	Psup	3.9886	0	-23.1628	0	6.7439	0	57.1658
NE+3.30	B4	4	Psup	4.7414	0	-17.5221	0	6.7439	0	72.5206
NE+3.30	B4	4	Psup	5.4941	0	-14.4864	0	6.7439	0	84.3294
NE+3.30	B4	4	Psup	5.72	0	-14.3156	0	6.7439	0	87.5763
NE+3.30	B4	4	Psup	5.72	0	52.6329	0	-15.1315	0	84.5949
NE+3.30	B4	4	Psup	6.2468	0	53.5621	0	-15.1315	0	56.7037
NE+3.30	B4	4	Psup	6.9995	0	56.2011	0	-15.1315	0	15.2517
NE+3.30	B4	4	Psup	7.21	0	56.3494	0	-15.1315	0	3.4031
NE+3.30	B4	4	Psup	7.21	0	98.6837	0	-15.1315	0	3.3713
NE+3.30	B4	4	Psup	7.7523	0	99.4837	0	-15.1315	0	-50.3057
NE+3.30	B4	4	Psup	8.505	0	101.0108	0	-15.1315	0	-125.7725
NE+3.30	B4	4	Viva.cub	0.225	0	-0.0091	0	-0.0574	0	-0.0448
NE+3.30	B4	4	Viva.cub	0.9777	0	-0.0091	0	-0.0574	0	-0.0379
NE+3.30	B4	4	Viva.cub	1.7305	0	-0.0091	0	-0.0574	0	-0.0311
NE+3.30	B4	4	Viva.cub	2.4832	0	-0.0091	0	-0.0574	0	-0.0242
NE+3.30	B4	4	Viva.cub	3.1	0	-0.0091	0	-0.0574	0	-0.0186
NE+3.30	B4	4	Viva.cub	3.1	0	-0.0091	0	-0.0574	0	-0.0186
NE+3.30	B4	4	Viva.cub	3.2359	0	-0.0091	0	-0.0574	0	-0.0173
NE+3.30	B4	4	Viva.cub	3.9886	0	-0.0091	0	-0.0574	0	-0.0105
NE+3.30	B4	4	Viva.cub	4.7414	0	-0.0091	0	-0.0574	0	-0.0036
NE+3.30	B4	4	Viva.cub	5.4941	0	-0.0091	0	-0.0574	0	0.0033
NE+3.30	B4	4	Viva.cub	5.72	0	-0.0091	0	-0.0574	0	0.0053
NE+3.30	B4	4	Viva.cub	5.72	0	-0.0365	0	0.1089	0	-0.0096
NE+3.30	B4	4	Viva.cub	6.2468	0	-0.0365	0	0.1089	0	0.0096
NE+3.30	B4	4	Viva.cub	6.9995	0	-0.0365	0	0.1089	0	0.037
NE+3.30	B4	4	Viva.cub	7.21	0	-0.0365	0	0.1089	0	0.0447
NE+3.30	B4	4	Viva.cub	7.21	0	-0.0362	0	0.1089	0	0.0436
NE+3.30	B4	4	Viva.cub	7.7523	0	-0.0362	0	0.1089	0	0.0633
NE+3.30	B4	4	Viva.cub	8.505	0	-0.0362	0	0.1089	0	0.0905
NE+3.30	B4	4	DISX-COMB Max	0.225	0	11.6729	0	0.6474	0	48.6939

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B4	4	DISX-COMB Max	0.9777	0	11.6729	0	0.6474	0	39.908
NE+3.30	B4	4	DISX-COMB Max	1.7305	0	11.6729	0	0.6474	0	31.1226
NE+3.30	B4	4	DISX-COMB Max	2.4832	0	11.6729	0	0.6474	0	22.3379
NE+3.30	B4	4	DISX-COMB Max	3.1	0	11.6729	0	0.6474	0	15.141
NE+3.30	B4	4	DISX-COMB Max	3.1	0	11.6729	0	0.6474	0	15.141
NE+3.30	B4	4	DISX-COMB Max	3.2359	0	11.6729	0	0.6474	0	13.5557
NE+3.30	B4	4	DISX-COMB Max	3.9886	0	11.6729	0	0.6474	0	4.7891
NE+3.30	B4	4	DISX-COMB Max	4.7414	0	11.6729	0	0.6474	0	4.0645
NE+3.30	B4	4	DISX-COMB Max	5.4941	0	11.6729	0	0.6474	0	12.8261
NE+3.30	B4	4	DISX-COMB Max	5.72	0	11.6729	0	0.6474	0	15.4612
NE+3.30	B4	4	DISX-COMB Max	5.72	0	12.4629	0	1.4801	0	15.4172
NE+3.30	B4	4	DISX-COMB Max	6.2468	0	12.4629	0	1.4801	0	21.9667
NE+3.30	B4	4	DISX-COMB Max	6.9995	0	12.4629	0	1.4801	0	31.3365
NE+3.30	B4	4	DISX-COMB Max	7.21	0	12.4629	0	1.4801	0	33.9573
NE+3.30	B4	4	DISX-COMB Max	7.21	0	12.509	0	1.4801	0	33.8011
NE+3.30	B4	4	DISX-COMB Max	7.7523	0	12.509	0	1.4801	0	40.5751
NE+3.30	B4	4	DISX-COMB Max	8.505	0	12.509	0	1.4801	0	49.9823
NE+3.30	B4	4	DISY-COMB Max	0.225	0	3.1955	0	4.1718	0	9.7343
NE+3.30	B4	4	DISY-COMB Max	0.9777	0	3.1955	0	4.1718	0	7.354
NE+3.30	B4	4	DISY-COMB Max	1.7305	0	3.1955	0	4.1718	0	4.9976
NE+3.30	B4	4	DISY-COMB Max	2.4832	0	3.1955	0	4.1718	0	2.7283
NE+3.30	B4	4	DISY-COMB Max	3.1	0	3.1955	0	4.1718	0	1.3046
NE+3.30	B4	4	DISY-COMB Max	3.1	0	3.1955	0	4.1718	0	1.3046
NE+3.30	B4	4	DISY-COMB Max	3.2359	0	3.1955	0	4.1718	0	1.2172
NE+3.30	B4	4	DISY-COMB Max	3.9886	0	3.1955	0	4.1718	0	2.6629
NE+3.30	B4	4	DISY-COMB Max	4.7414	0	3.1955	0	4.1718	0	4.9266
NE+3.30	B4	4	DISY-COMB Max	5.4941	0	3.1955	0	4.1718	0	7.2817
NE+3.30	B4	4	DISY-COMB Max	5.72	0	3.1955	0	4.1718	0	7.9944
NE+3.30	B4	4	DISY-COMB Max	5.72	0	2.8053	0	9.0109	0	6.5428
NE+3.30	B4	4	DISY-COMB Max	6.2468	0	2.8053	0	9.0109	0	5.3928
NE+3.30	B4	4	DISY-COMB Max	6.9995	0	2.8053	0	9.0109	0	4.129
NE+3.30	B4	4	DISY-COMB Max	7.21	0	2.8053	0	9.0109	0	3.9089
NE+3.30	B4	4	DISY-COMB Max	7.21	0	3.9572	0	9.0109	0	4.1144
NE+3.30	B4	4	DISY-COMB Max	7.7523	0	3.9572	0	9.0109	0	3.6701
NE+3.30	B4	4	DISY-COMB Max	8.505	0	3.9572	0	9.0109	0	4.8921
NE+3.30	B4	4	B241	0.225	0	-101.1816	0	12.5661	0	-173.3073
NE+3.30	B4	4	B241	0.9777	0	-93.0794	0	12.5661	0	-99.886
NE+3.30	B4	4	B241	1.7305	0	-80.7725	0	12.5661	0	-34.3181
NE+3.30	B4	4	B241	2.4832	0	-70.1189	0	12.5661	0	22.1666
NE+3.30	B4	4	B241	3.1	0	-65.048	0	12.5661	0	63.6835
NE+3.30	B4	4	B241	3.1	0	-49.8102	0	12.5661	0	63.6835
NE+3.30	B4	4	B241	3.2359	0	-48.9765	0	12.5661	0	70.3984
NE+3.30	B4	4	B241	3.9886	0	-41.4564	0	12.5661	0	104.7425
NE+3.30	B4	4	B241	4.7414	0	-29.9713	0	12.5661	0	131.6804
NE+3.30	B4	4	B241	5.4941	0	-21.8631	0	12.5661	0	150.8804

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B4	4	B241	5.72	0	-20.3892	0	12.5661	0	155.6447
NE+3.30	B4	4	B241	5.72	0	92.3214	0	-27.5584	0	156.0189
NE+3.30	B4	4	B241	6.2468	0	96.4466	0	-27.5584	0	106.4015
NE+3.30	B4	4	B241	6.9995	0	104.0406	0	-27.5584	0	30.7623
NE+3.30	B4	4	B241	7.21	0	105.3996	0	-27.5584	0	8.7168
NE+3.30	B4	4	B241	7.21	0	182.0782	0	-27.5584	0	8.574
NE+3.30	B4	4	B241	7.7523	0	186.1216	0	-27.5584	0	-91.1892
NE+3.30	B4	4	B241	8.505	0	192.2743	0	-27.5584	0	-233.6139
NE+3.30	B4	4	B242	0.225	0	-129.0514	0	14.4644	0	-217.5933
NE+3.30	B4	4	B242	0.9777	0	-118.4853	0	14.4644	0	-123.8807
NE+3.30	B4	4	B242	1.7305	0	-100.4401	0	14.4644	0	-41.2425
NE+3.30	B4	4	B242	2.4832	0	-85.3356	0	14.4644	0	28.1335
NE+3.30	B4	4	B242	3.1	0	-79.4673	0	14.4644	0	78.6582
NE+3.30	B4	4	B242	3.1	0	-56.5751	0	14.4644	0	78.6582
NE+3.30	B4	4	B242	3.2359	0	-55.831	0	14.4644	0	86.299
NE+3.30	B4	4	B242	3.9886	0	-48.1513	0	14.4644	0	125.8123
NE+3.30	B4	4	B242	4.7414	0	-35.6112	0	14.4644	0	157.4049
NE+3.30	B4	4	B242	5.4941	0	-27.2106	0	14.4644	0	180.6706
NE+3.30	B4	4	B242	5.72	0	-25.8656	0	14.4644	0	186.6556
NE+3.30	B4	4	B242	5.72	0	109.1538	0	-33.2068	0	183.7406
NE+3.30	B4	4	B242	6.2468	0	113.1338	0	-33.2068	0	125.3177
NE+3.30	B4	4	B242	6.9995	0	120.9041	0	-33.2068	0	37.01
NE+3.30	B4	4	B242	7.21	0	122.1398	0	-33.2068	0	11.4269
NE+3.30	B4	4	B242	7.21	0	218.2154	0	-33.2069	0	11.0239
NE+3.30	B4	4	B242	7.7523	0	222.0634	0	-33.2069	0	-108.2668
NE+3.30	B4	4	B242	8.505	0	228.0669	0	-33.2069	0	-277.6921
NE+3.30	B5	5	Pprop	0.225	0	-13.4213	0	0.1416	0	-16.8468
NE+3.30	B5	5	Pprop	0.7241	0	-11.2868	0	0.1416	0	-10.681
NE+3.30	B5	5	Pprop	1.2232	0	-9.1523	0	0.1416	0	-5.5806
NE+3.30	B5	5	Pprop	1.7223	0	-7.0177	0	0.1416	0	-1.5454
NE+3.30	B5	5	Pprop	2.2214	0	-4.8832	0	0.1416	0	1.4244
NE+3.30	B5	5	Pprop	2.7205	0	-2.7487	0	0.1416	0	3.329
NE+3.30	B5	5	Pprop	3.2195	0	-0.6142	0	0.1416	0	4.1682
NE+3.30	B5	5	Pprop	3.7186	0	1.5203	0	0.1416	0	3.942
NE+3.30	B5	5	Pprop	4.2177	0	3.6548	0	0.1416	0	2.6506
NE+3.30	B5	5	Pprop	4.7168	0	5.7893	0	0.1416	0	0.2939
NE+3.30	B5	5	Pprop	5.2159	0	7.9238	0	0.1416	0	-3.1282
NE+3.30	B5	5	Pprop	5.715	0	10.0583	0	0.1416	0	-7.6156
NE+3.30	B5	5	Viva	0.225	0	-7.273	0	0.2428	0	-12.3475
NE+3.30	B5	5	Viva	0.7241	0	-6.7993	0	0.2428	0	-8.8151
NE+3.30	B5	5	Viva	1.2232	0	-5.8338	0	0.2428	0	-5.6432
NE+3.30	B5	5	Viva	1.7223	0	-4.6926	0	0.2428	0	-3.0164
NE+3.30	B5	5	Viva	2.2214	0	-3.5513	0	0.2428	0	-0.9592
NE+3.30	B5	5	Viva	2.7205	0	-2.4101	0	0.2428	0	0.5285
NE+3.30	B5	5	Viva	3.2195	0	-1.2688	0	0.2428	0	1.4465

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B5	5	Viva	3.7186	0	-0.1276	0	0.2428	0	1.795
NE+3.30	B5	5	Viva	4.2177	0	1.0137	0	0.2428	0	1.5739
NE+3.30	B5	5	Viva	4.7168	0	2.1549	0	0.2428	0	0.7832
NE+3.30	B5	5	Viva	5.2159	0	3.1204	0	0.2428	0	-0.5526
NE+3.30	B5	5	Viva	5.715	0	3.5941	0	0.2428	0	-2.2489
NE+3.30	B5	5	Psup	0.225	0	-22.579	0	0.769	0	-34.3857
NE+3.30	B5	5	Psup	0.7241	0	-20.9931	0	0.769	0	-23.4431
NE+3.30	B5	5	Psup	1.2232	0	-17.7606	0	0.769	0	-13.7077
NE+3.30	B5	5	Psup	1.7223	0	-13.9397	0	0.769	0	-5.797
NE+3.30	B5	5	Psup	2.2214	0	-10.1188	0	0.769	0	0.2067
NE+3.30	B5	5	Psup	2.7205	0	-6.2979	0	0.769	0	4.3034
NE+3.30	B5	5	Psup	3.2195	0	-2.477	0	0.769	0	6.4931
NE+3.30	B5	5	Psup	3.7186	0	1.344	0	0.769	0	6.7759
NE+3.30	B5	5	Psup	4.2177	0	5.1649	0	0.769	0	5.1516
NE+3.30	B5	5	Psup	4.7168	0	8.9858	0	0.769	0	1.6204
NE+3.30	B5	5	Psup	5.2159	0	12.2183	0	0.769	0	-3.7356
NE+3.30	B5	5	Psup	5.715	0	13.8042	0	0.769	0	-10.2987
NE+3.30	B5	5	Viva.cub	0.225	0	-0.0348	0	0.0007	0	-0.0948
NE+3.30	B5	5	Viva.cub	0.7241	0	-0.0348	0	0.0007	0	-0.0775
NE+3.30	B5	5	Viva.cub	1.2232	0	-0.0348	0	0.0007	0	-0.0601
NE+3.30	B5	5	Viva.cub	1.7223	0	-0.0348	0	0.0007	0	-0.0428
NE+3.30	B5	5	Viva.cub	2.2214	0	-0.0348	0	0.0007	0	-0.0254
NE+3.30	B5	5	Viva.cub	2.7205	0	-0.0348	0	0.0007	0	-0.008
NE+3.30	B5	5	Viva.cub	3.2195	0	-0.0348	0	0.0007	0	0.0093
NE+3.30	B5	5	Viva.cub	3.7186	0	-0.0348	0	0.0007	0	0.0267
NE+3.30	B5	5	Viva.cub	4.2177	0	-0.0348	0	0.0007	0	0.044
NE+3.30	B5	5	Viva.cub	4.7168	0	-0.0348	0	0.0007	0	0.0614
NE+3.30	B5	5	Viva.cub	5.2159	0	-0.0348	0	0.0007	0	0.0787
NE+3.30	B5	5	Viva.cub	5.715	0	-0.0348	0	0.0007	0	0.0961
NE+3.30	B5	5	DISX-COMB Max	0.225	0	24.3858	0	0.5989	0	67.7791
NE+3.30	B5	5	DISX-COMB Max	0.7241	0	24.3858	0	0.5989	0	55.6084
NE+3.30	B5	5	DISX-COMB Max	1.2232	0	24.3858	0	0.5989	0	43.4377
NE+3.30	B5	5	DISX-COMB Max	1.7223	0	24.3858	0	0.5989	0	31.267
NE+3.30	B5	5	DISX-COMB Max	2.2214	0	24.3858	0	0.5989	0	19.0965
NE+3.30	B5	5	DISX-COMB Max	2.7205	0	24.3858	0	0.5989	0	6.9267
NE+3.30	B5	5	DISX-COMB Max	3.2195	0	24.3858	0	0.5989	0	5.2475
NE+3.30	B5	5	DISX-COMB Max	3.7186	0	24.3858	0	0.5989	0	17.4168
NE+3.30	B5	5	DISX-COMB Max	4.2177	0	24.3858	0	0.5989	0	29.5873
NE+3.30	B5	5	DISX-COMB Max	4.7168	0	24.3858	0	0.5989	0	41.758
NE+3.30	B5	5	DISX-COMB Max	5.2159	0	24.3858	0	0.5989	0	53.9286
NE+3.30	B5	5	DISX-COMB Max	5.715	0	24.3858	0	0.5989	0	66.0993
NE+3.30	B5	5	DISY-COMB Max	0.225	0	3.0425	0	0.5814	0	8.8816
NE+3.30	B5	5	DISY-COMB Max	0.7241	0	3.0425	0	0.5814	0	7.3651
NE+3.30	B5	5	DISY-COMB Max	1.2232	0	3.0425	0	0.5814	0	5.8495
NE+3.30	B5	5	DISY-COMB Max	1.7223	0	3.0425	0	0.5814	0	4.336

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B5	5	DISY-COMB Max	2.2214	0	3.0425	0	0.5814	0	2.8278
NE+3.30	B5	5	DISY-COMB Max	2.7205	0	3.0425	0	0.5814	0	1.3428
NE+3.30	B5	5	DISY-COMB Max	3.2195	0	3.0425	0	0.5814	0	0.4709
NE+3.30	B5	5	DISY-COMB Max	3.7186	0	3.0425	0	0.5814	0	1.8033
NE+3.30	B5	5	DISY-COMB Max	4.2177	0	3.0425	0	0.5814	0	3.3005
NE+3.30	B5	5	DISY-COMB Max	4.7168	0	3.0425	0	0.5814	0	4.8111
NE+3.30	B5	5	DISY-COMB Max	5.2159	0	3.0425	0	0.5814	0	6.3254
NE+3.30	B5	5	DISY-COMB Max	5.715	0	3.0425	0	0.5814	0	7.8414
NE+3.30	B5	5	B241	0.225	0	-46.667	0	1.1805	0	-66.4125
NE+3.30	B5	5	B241	0.7241	0	-41.8443	0	1.1805	0	-44.235
NE+3.30	B5	5	B241	1.2232	0	-34.8871	0	1.1805	0	-25.0032
NE+3.30	B5	5	B241	1.7223	0	-27.1671	0	1.1805	0	-9.5179
NE+3.30	B5	5	B241	2.2214	0	-19.4471	0	1.1805	0	2.1145
NE+3.30	B5	5	B241	2.7205	0	-11.7271	0	1.1805	0	9.8938
NE+3.30	B5	5	B241	3.2195	0	-4.0071	0	1.1805	0	13.8202
NE+3.30	B5	5	B241	3.7186	0	3.7129	0	1.1805	0	13.8936
NE+3.30	B5	5	B241	4.2177	0	11.4329	0	1.1805	0	10.114
NE+3.30	B5	5	B241	4.7168	0	19.1529	0	1.1805	0	2.4815
NE+3.30	B5	5	B241	5.2159	0	26.1101	0	1.1805	0	-8.8975
NE+3.30	B5	5	B241	5.715	0	30.9329	0	1.1805	0	-23.2222
NE+3.30	B5	5	B242	0.225	0	-51.6545	0	1.4006	0	-76.7284
NE+3.30	B5	5	B242	0.7241	0	-46.7629	0	1.4006	0	-52.0585
NE+3.30	B5	5	B242	1.2232	0	-39.2548	0	1.4006	0	-30.4906
NE+3.30	B5	5	B242	1.7223	0	-30.8116	0	1.4006	0	-13.0058
NE+3.30	B5	5	B242	2.2214	0	-22.3685	0	1.4006	0	0.265
NE+3.30	B5	5	B242	2.7205	0	-13.9253	0	1.4006	0	9.322
NE+3.30	B5	5	B242	3.2195	0	-5.4821	0	1.4006	0	14.165
NE+3.30	B5	5	B242	3.7186	0	2.961	0	1.4006	0	14.7941
NE+3.30	B5	5	B242	4.2177	0	11.4042	0	1.4006	0	11.2094
NE+3.30	B5	5	B242	4.7168	0	19.8473	0	1.4006	0	3.4107
NE+3.30	B5	5	B242	5.2159	0	27.3554	0	1.4006	0	-8.4712
NE+3.30	B5	5	B242	5.715	0	32.2471	0	1.4006	0	-23.4549
NE+3.30	B6	46	Pprop	0.225	0	-15.8722	0	-0.087	0	-16.8195
NE+3.30	B6	46	Pprop	0.8068	0	-13.3839	0	-0.087	0	-8.3086
NE+3.30	B6	46	Pprop	1.3886	0	-10.8956	0	-0.087	0	-1.2455
NE+3.30	B6	46	Pprop	1.9705	0	-8.4073	0	-0.087	0	4.3699
NE+3.30	B6	46	Pprop	2.5523	0	-5.919	0	-0.087	0	8.5375
NE+3.30	B6	46	Pprop	3.1341	0	-3.4306	0	-0.087	0	11.2574
NE+3.30	B6	46	Pprop	3.7159	0	-0.9423	0	-0.087	0	12.5296
NE+3.30	B6	46	Pprop	4.2977	0	1.546	0	-0.087	0	12.354
NE+3.30	B6	46	Pprop	4.43	0	2.1117	0	-0.087	0	12.112
NE+3.30	B6	46	Pprop	4.43	0	7.4309	0	-0.087	0	11.7367
NE+3.30	B6	46	Pprop	4.8795	0	9.3535	0	-0.087	0	7.964
NE+3.30	B6	46	Pprop	5.4614	0	11.8418	0	-0.087	0	1.7981
NE+3.30	B6	46	Pprop	6.0432	0	14.3301	0	-0.087	0	-5.8155

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B6	46	Pprop	6.625	0	16.8184	0	-0.087	0	-14.8769
NE+3.30	B6	46	Viva	0.225	0	-7.9091	0	-0.1103	0	-9.1873
NE+3.30	B6	46	Viva	0.8068	0	-7.3088	0	-0.1103	0	-4.7274
NE+3.30	B6	46	Viva	1.3886	0	-6.0916	0	-0.1103	0	-0.8089
NE+3.30	B6	46	Viva	1.9705	0	-4.7612	0	-0.1103	0	2.3483
NE+3.30	B6	46	Viva	2.5523	0	-3.4307	0	-0.1103	0	4.7314
NE+3.30	B6	46	Viva	3.1341	0	-2.1003	0	-0.1103	0	6.3404
NE+3.30	B6	46	Viva	3.7159	0	-0.9541	0	-0.1103	0	7.2017
NE+3.30	B6	46	Viva	4.2977	0	-0.4617	0	-0.1103	0	7.5808
NE+3.30	B6	46	Viva	4.43	0	-0.4442	0	-0.1103	0	7.6403
NE+3.30	B6	46	Viva	4.43	0	5.3859	0	-0.1103	0	6.7307
NE+3.30	B6	46	Viva	4.8795	0	5.5781	0	-0.1103	0	4.2795
NE+3.30	B6	46	Viva	5.4614	0	5.9854	0	-0.1103	0	0.9156
NE+3.30	B6	46	Viva	6.0432	0	6.3926	0	-0.1103	0	-2.6853
NE+3.30	B6	46	Viva	6.625	0	6.7843	0	-0.1103	0	-6.5225
NE+3.30	B6	46	Psup	0.225	0	-23.6472	0	-0.6608	0	-25.801
NE+3.30	B6	46	Psup	0.8068	0	-21.6373	0	-0.6608	0	-12.5175
NE+3.30	B6	46	Psup	1.3886	0	-17.5622	0	-0.6608	0	-1.0462
NE+3.30	B6	46	Psup	1.9705	0	-13.1079	0	-0.6608	0	7.876
NE+3.30	B6	46	Psup	2.5523	0	-8.6536	0	-0.6608	0	14.2066
NE+3.30	B6	46	Psup	3.1341	0	-4.1993	0	-0.6608	0	17.9457
NE+3.30	B6	46	Psup	3.7159	0	-0.3619	0	-0.6608	0	19.1814
NE+3.30	B6	46	Psup	4.2977	0	1.2868	0	-0.6608	0	18.8024
NE+3.30	B6	46	Psup	4.43	0	1.3453	0	-0.6608	0	18.627
NE+3.30	B6	46	Psup	4.43	0	13.943	0	-0.6609	0	15.6266
NE+3.30	B6	46	Psup	4.8795	0	14.5865	0	-0.6609	0	9.2582
NE+3.30	B6	46	Psup	5.4614	0	15.95	0	-0.6609	0	0.3749
NE+3.30	B6	46	Psup	6.0432	0	17.3135	0	-0.6609	0	-9.3018
NE+3.30	B6	46	Psup	6.625	0	18.6248	0	-0.6609	0	-19.7696
NE+3.30	B6	46	Viva.cub	0.225	0	-0.0282	0	0.0009	0	-0.0887
NE+3.30	B6	46	Viva.cub	0.8068	0	-0.0282	0	0.0009	0	-0.0723
NE+3.30	B6	46	Viva.cub	1.3886	0	-0.0282	0	0.0009	0	-0.056
NE+3.30	B6	46	Viva.cub	1.9705	0	-0.0282	0	0.0009	0	-0.0396
NE+3.30	B6	46	Viva.cub	2.5523	0	-0.0282	0	0.0009	0	-0.0232
NE+3.30	B6	46	Viva.cub	3.1341	0	-0.0282	0	0.0009	0	-0.0068
NE+3.30	B6	46	Viva.cub	3.7159	0	-0.0282	0	0.0009	0	0.0096
NE+3.30	B6	46	Viva.cub	4.2977	0	-0.0282	0	0.0009	0	0.026
NE+3.30	B6	46	Viva.cub	4.43	0	-0.0282	0	0.0009	0	0.0297
NE+3.30	B6	46	Viva.cub	4.43	0	-0.0311	0	0.0009	0	0.0283
NE+3.30	B6	46	Viva.cub	4.8795	0	-0.0311	0	0.0009	0	0.0423
NE+3.30	B6	46	Viva.cub	5.4614	0	-0.0311	0	0.0009	0	0.0604
NE+3.30	B6	46	Viva.cub	6.0432	0	-0.0311	0	0.0009	0	0.0785
NE+3.30	B6	46	Viva.cub	6.625	0	-0.0311	0	0.0009	0	0.0966
NE+3.30	B6	46	DISX-COMB Max	0.225	0	21.6166	0	0.6319	0	64.6616
NE+3.30	B6	46	DISX-COMB Max	0.8068	0	21.6166	0	0.6319	0	52.0847

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B6	46	DISX-COMB Max	1.3886	0	21.6166	0	0.6319	0	39.5078
NE+3.30	B6	46	DISX-COMB Max	1.9705	0	21.6166	0	0.6319	0	26.9309
NE+3.30	B6	46	DISX-COMB Max	2.5523	0	21.6166	0	0.6319	0	14.3541
NE+3.30	B6	46	DISX-COMB Max	3.1341	0	21.6166	0	0.6319	0	1.7793
NE+3.30	B6	46	DISX-COMB Max	3.7159	0	21.6166	0	0.6319	0	10.8004
NE+3.30	B6	46	DISX-COMB Max	4.2977	0	21.6166	0	0.6319	0	23.3771
NE+3.30	B6	46	DISX-COMB Max	4.43	0	21.6166	0	0.6319	0	26.2363
NE+3.30	B6	46	DISX-COMB Max	4.43	0	21.9976	0	0.6319	0	25.2653
NE+3.30	B6	46	DISX-COMB Max	4.8795	0	21.9976	0	0.6319	0	35.1541
NE+3.30	B6	46	DISX-COMB Max	5.4614	0	21.9976	0	0.6319	0	47.9527
NE+3.30	B6	46	DISX-COMB Max	6.0432	0	21.9976	0	0.6319	0	60.7513
NE+3.30	B6	46	DISX-COMB Max	6.625	0	21.9976	0	0.6319	0	73.5499
NE+3.30	B6	46	DISY-COMB Max	0.225	0	2.4839	0	0.7782	0	7.3135
NE+3.30	B6	46	DISY-COMB Max	0.8068	0	2.4839	0	0.7782	0	5.8686
NE+3.30	B6	46	DISY-COMB Max	1.3886	0	2.4839	0	0.7782	0	4.4239
NE+3.30	B6	46	DISY-COMB Max	1.9705	0	2.4839	0	0.7782	0	2.9797
NE+3.30	B6	46	DISY-COMB Max	2.5523	0	2.4839	0	0.7782	0	1.5373
NE+3.30	B6	46	DISY-COMB Max	3.1341	0	2.4839	0	0.7782	0	0.158
NE+3.30	B6	46	DISY-COMB Max	3.7159	0	2.4839	0	0.7782	0	1.3652
NE+3.30	B6	46	DISY-COMB Max	4.2977	0	2.4839	0	0.7782	0	2.8071
NE+3.30	B6	46	DISY-COMB Max	4.43	0	2.4839	0	0.7782	0	3.1354
NE+3.30	B6	46	DISY-COMB Max	4.43	0	2.2625	0	0.7782	0	3.0283
NE+3.30	B6	46	DISY-COMB Max	4.8795	0	2.2625	0	0.7782	0	4.0374
NE+3.30	B6	46	DISY-COMB Max	5.4614	0	2.2625	0	0.7782	0	5.3479
NE+3.30	B6	46	DISY-COMB Max	6.0432	0	2.2625	0	0.7782	0	6.6607
NE+3.30	B6	46	DISY-COMB Max	6.625	0	2.2625	0	0.7782	0	7.9747
NE+3.30	B6	46	B241	0.225	0	-51.2289	0	-0.9694	0	-55.2489
NE+3.30	B6	46	B241	0.8068	0	-45.3979	0	-0.9694	0	-26.9968
NE+3.30	B6	46	B241	1.3886	0	-36.8897	0	-0.9694	0	-2.9707
NE+3.30	B6	46	B241	1.9705	0	-27.8901	0	-0.9694	0	15.8743
NE+3.30	B6	46	B241	2.5523	0	-18.8904	0	-0.9694	0	29.4832
NE+3.30	B6	46	B241	3.1341	0	-9.8907	0	-0.9694	0	37.8559
NE+3.30	B6	46	B241	3.7159	0	-1.6907	0	-0.9694	0	41.1068
NE+3.30	B6	46	B241	4.2977	0	3.6721	0	-0.9694	0	40.3879
NE+3.30	B6	46	B241	4.43	0	4.4813	0	-0.9694	0	39.847
NE+3.30	B6	46	B241	4.43	0	27.7069	0	-0.9694	0	35.4708
NE+3.30	B6	46	B241	4.8795	0	31.0332	0	-0.9694	0	22.3251
NE+3.30	B6	46	B241	5.4614	0	36.0264	0	-0.9694	0	2.8169
NE+3.30	B6	46	B241	6.0432	0	41.0196	0	-0.9694	0	-19.5965
NE+3.30	B6	46	B241	6.625	0	45.9449	0	-0.9694	0	-44.9121
NE+3.30	B6	46	B242	0.225	0	-56.5792	0	-1.0069	0	-62.1002
NE+3.30	B6	46	B242	0.8068	0	-50.6206	0	-1.0069	0	-30.7401
NE+3.30	B6	46	B242	1.3886	0	-41.3804	0	-1.0069	0	-3.8685
NE+3.30	B6	46	B242	1.9705	0	-31.5377	0	-1.0069	0	17.344
NE+3.30	B6	46	B242	2.5523	0	-21.695	0	-1.0069	0	32.8299

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B6	46	B242	3.1341	0	-11.8523	0	-1.0069	0	42.5891
NE+3.30	B6	46	B242	3.7159	0	-2.9898	0	-1.0069	0	46.7619
NE+3.30	B6	46	B242	4.2977	0	2.3947	0	-1.0069	0	46.7604
NE+3.30	B6	46	B242	4.43	0	3.1164	0	-1.0069	0	46.3938
NE+3.30	B6	46	B242	4.43	0	32.3506	0	-1.007	0	41.1868
NE+3.30	B6	46	B242	4.8795	0	35.5093	0	-1.007	0	26.0042
NE+3.30	B6	46	B242	5.4614	0	40.4408	0	-1.007	0	3.9096
NE+3.30	B6	46	B242	6.0432	0	45.3723	0	-1.007	0	-21.0542
NE+3.30	B6	46	B242	6.625	0	50.2206	0	-1.007	0	-48.8838
NE+3.30	B7	7	Pprop	0.325	0	-20.5416	0	0.5655	0	-22.4928
NE+3.30	B7	7	Pprop	0.8895	0	-18.1271	0	0.5655	0	-11.5777
NE+3.30	B7	7	Pprop	1.4541	0	-15.7127	0	0.5655	0	-2.0256
NE+3.30	B7	7	Pprop	2.0186	0	-13.2982	0	0.5655	0	6.1634
NE+3.30	B7	7	Pprop	2.2867	0	-12.1519	0	0.5655	0	9.5741
NE+3.30	B7	7	Pprop	2.2867	0	-5.7861	0	0.5655	0	9.8496
NE+3.30	B7	7	Pprop	2.5832	0	-4.518	0	0.5655	0	11.3772
NE+3.30	B7	7	Pprop	3.1477	0	-2.1035	0	0.5655	0	13.2463
NE+3.30	B7	7	Pprop	3.7123	0	0.3109	0	0.5655	0	13.7523
NE+3.30	B7	7	Pprop	4.2768	0	2.7254	0	0.5655	0	12.8952
NE+3.30	B7	7	Pprop	4.5733	0	3.9935	0	0.5655	0	11.8991
NE+3.30	B7	7	Pprop	4.5733	0	10.1064	0	0.5655	0	11.5991
NE+3.30	B7	7	Pprop	4.8414	0	11.2527	0	0.5655	0	8.7367
NE+3.30	B7	7	Pprop	5.4059	0	13.6672	0	0.5655	0	1.7025
NE+3.30	B7	7	Pprop	5.9705	0	16.0816	0	0.5655	0	-6.6948
NE+3.30	B7	7	Pprop	6.245	0	17.2558	0	0.5655	0	-11.2711
NE+3.30	B7	7	Pprop	6.245	0	18.881	0	0.5655	0	-13.9021
NE+3.30	B7	7	Pprop	6.535	0	20.1212	0	0.5655	0	-19.5574
NE+3.30	B7	7	Viva	0.325	0	-13.6497	0	0.57	0	-19.8775
NE+3.30	B7	7	Viva	0.8895	0	-12.964	0	0.57	0	-12.3352
NE+3.30	B7	7	Viva	1.4541	0	-11.834	0	0.57	0	-5.3399
NE+3.30	B7	7	Viva	2.0186	0	-11.2127	0	0.57	0	1.1356
NE+3.30	B7	7	Viva	2.2867	0	-11.1409	0	0.57	0	4.1281
NE+3.30	B7	7	Viva	2.2867	0	-3.042	0	0.57	0	4.535
NE+3.30	B7	7	Viva	2.5832	0	-2.9541	0	0.57	0	5.4283
NE+3.30	B7	7	Viva	3.1477	0	-2.3006	0	0.57	0	6.9415
NE+3.30	B7	7	Viva	3.7123	0	-1.169	0	0.57	0	7.9209
NE+3.30	B7	7	Viva	4.2768	0	-0.5155	0	0.57	0	8.3664
NE+3.30	B7	7	Viva	4.5733	0	-0.4276	0	0.57	0	8.5018
NE+3.30	B7	7	Viva	4.5733	0	7.2021	0	0.57	0	8.0259
NE+3.30	B7	7	Viva	4.8414	0	7.274	0	0.57	0	6.0891
NE+3.30	B7	7	Viva	5.4059	0	7.8953	0	0.57	0	1.8372
NE+3.30	B7	7	Viva	5.9705	0	9.0252	0	0.57	0	-2.9344
NE+3.30	B7	7	Viva	6.245	0	9.4383	0	0.57	0	-5.4724
NE+3.30	B7	7	Viva	6.245	0	21.6766	0	0.57	0	-7.5428
NE+3.30	B7	7	Viva	6.535	0	22.0333	0	0.57	0	-13.8808

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B7	7	Psup	0.325	0	-41.1888	0	1.0845	0	-46.3935
NE+3.30	B7	7	Psup	0.8895	0	-38.8932	0	1.0845	0	-23.6882
NE+3.30	B7	7	Psup	1.4541	0	-35.1101	0	1.0845	0	-2.8142
NE+3.30	B7	7	Psup	2.0186	0	-33.0298	0	1.0845	0	16.3194
NE+3.30	B7	7	Psup	2.2867	0	-32.7893	0	1.0845	0	25.1295
NE+3.30	B7	7	Psup	2.2867	0	-5.7278	0	1.0845	0	26.4401
NE+3.30	B7	7	Psup	2.5832	0	-5.4335	0	1.0845	0	28.1094
NE+3.30	B7	7	Psup	3.1477	0	-3.2455	0	1.0845	0	30.6597
NE+3.30	B7	7	Psup	3.7123	0	0.543	0	1.0845	0	31.4225
NE+3.30	B7	7	Psup	4.2768	0	2.7309	0	1.0845	0	30.398
NE+3.30	B7	7	Psup	4.5733	0	3.0253	0	1.0845	0	29.5301
NE+3.30	B7	7	Psup	4.5733	0	29.4342	0	1.0845	0	28.0844
NE+3.30	B7	7	Psup	4.8414	0	29.6747	0	1.0845	0	20.1737
NE+3.30	B7	7	Psup	5.4059	0	31.7549	0	1.0845	0	2.9342
NE+3.30	B7	7	Psup	5.9705	0	35.538	0	1.0845	0	-16.0456
NE+3.30	B7	7	Psup	6.245	0	36.921	0	1.0845	0	-26.0038
NE+3.30	B7	7	Psup	6.245	0	54.0595	0	1.0845	0	-31.2928
NE+3.30	B7	7	Psup	6.535	0	55.2537	0	1.0845	0	-47.1432
NE+3.30	B7	7	Viva.cub	0.325	0	-0.2336	0	0.0041	0	-0.6015
NE+3.30	B7	7	Viva.cub	0.8895	0	-0.2336	0	0.0041	0	-0.4697
NE+3.30	B7	7	Viva.cub	1.4541	0	-0.2336	0	0.0041	0	-0.3378
NE+3.30	B7	7	Viva.cub	2.0186	0	-0.2336	0	0.0041	0	-0.2059
NE+3.30	B7	7	Viva.cub	2.2867	0	-0.2336	0	0.0041	0	-0.1433
NE+3.30	B7	7	Viva.cub	2.2867	0	-0.2301	0	0.0041	0	-0.1431
NE+3.30	B7	7	Viva.cub	2.5832	0	-0.2301	0	0.0041	0	-0.0749
NE+3.30	B7	7	Viva.cub	3.1477	0	-0.2301	0	0.0041	0	0.055
NE+3.30	B7	7	Viva.cub	3.7123	0	-0.2301	0	0.0041	0	0.1849
NE+3.30	B7	7	Viva.cub	4.2768	0	-0.2301	0	0.0041	0	0.3148
NE+3.30	B7	7	Viva.cub	4.5733	0	-0.2301	0	0.0041	0	0.383
NE+3.30	B7	7	Viva.cub	4.5733	0	-0.2288	0	0.0041	0	0.3836
NE+3.30	B7	7	Viva.cub	4.8414	0	-0.2288	0	0.0041	0	0.4449
NE+3.30	B7	7	Viva.cub	5.4059	0	-0.2288	0	0.0041	0	0.5741
NE+3.30	B7	7	Viva.cub	5.9705	0	-0.2288	0	0.0041	0	0.7032
NE+3.30	B7	7	Viva.cub	6.245	0	-0.2288	0	0.0041	0	0.766
NE+3.30	B7	7	Viva.cub	6.245	0	-0.2288	0	0.0041	0	0.7897
NE+3.30	B7	7	Viva.cub	6.535	0	-0.2288	0	0.0041	0	0.8561
NE+3.30	B7	7	DISX-COMB Max	0.325	0	8.3424	0	7.3383	0	29.9628
NE+3.30	B7	7	DISX-COMB Max	0.8895	0	8.3424	0	7.3383	0	25.2672
NE+3.30	B7	7	DISX-COMB Max	1.4541	0	8.3424	0	7.3383	0	20.578
NE+3.30	B7	7	DISX-COMB Max	2.0186	0	8.3424	0	7.3383	0	15.901
NE+3.30	B7	7	DISX-COMB Max	2.2867	0	8.3424	0	7.3383	0	13.6883
NE+3.30	B7	7	DISX-COMB Max	2.2867	0	7.8209	0	7.3383	0	13.6303
NE+3.30	B7	7	DISX-COMB Max	2.5832	0	7.8209	0	7.3383	0	11.3151
NE+3.30	B7	7	DISX-COMB Max	3.1477	0	7.8209	0	7.3383	0	6.9142
NE+3.30	B7	7	DISX-COMB Max	3.7123	0	7.8209	0	7.3383	0	2.5632

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B7	7	DISX-COMB Max	4.2768	0	7.8209	0	7.3383	0	2.079
NE+3.30	B7	7	DISX-COMB Max	4.5733	0	7.8209	0	7.3383	0	4.3311
NE+3.30	B7	7	DISX-COMB Max	4.5733	0	7.4078	0	7.3383	0	4.4839
NE+3.30	B7	7	DISX-COMB Max	4.8414	0	7.4078	0	7.3383	0	6.4303
NE+3.30	B7	7	DISX-COMB Max	5.4059	0	7.4078	0	7.3383	0	10.5777
NE+3.30	B7	7	DISX-COMB Max	5.9705	0	7.4078	0	7.3383	0	14.7447
NE+3.30	B7	7	DISX-COMB Max	6.245	0	7.4078	0	7.3383	0	16.7738
NE+3.30	B7	7	DISX-COMB Max	6.245	0	7.4078	0	7.3383	0	16.6688
NE+3.30	B7	7	DISX-COMB Max	6.535	0	7.4078	0	7.3383	0	18.8157
NE+3.30	B7	7	DISY-COMB Max	0.325	0	47.3136	0	0.8466	0	175.6606
NE+3.30	B7	7	DISY-COMB Max	0.8895	0	47.3136	0	0.8466	0	148.95
NE+3.30	B7	7	DISY-COMB Max	1.4541	0	47.3136	0	0.8466	0	122.2394
NE+3.30	B7	7	DISY-COMB Max	2.0186	0	47.3136	0	0.8466	0	95.5289
NE+3.30	B7	7	DISY-COMB Max	2.2867	0	47.3136	0	0.8466	0	82.8475
NE+3.30	B7	7	DISY-COMB Max	2.2867	0	46.4154	0	0.8466	0	82.8582
NE+3.30	B7	7	DISY-COMB Max	2.5832	0	46.4154	0	0.8466	0	69.0954
NE+3.30	B7	7	DISY-COMB Max	3.1477	0	46.4154	0	0.8466	0	42.892
NE+3.30	B7	7	DISY-COMB Max	3.7123	0	46.4154	0	0.8466	0	16.6893
NE+3.30	B7	7	DISY-COMB Max	4.2768	0	46.4154	0	0.8466	0	9.5183
NE+3.30	B7	7	DISY-COMB Max	4.5733	0	46.4154	0	0.8466	0	23.2796
NE+3.30	B7	7	DISY-COMB Max	4.5733	0	46.3604	0	0.8466	0	23.5367
NE+3.30	B7	7	DISY-COMB Max	4.8414	0	46.3604	0	0.8466	0	35.9627
NE+3.30	B7	7	DISY-COMB Max	5.4059	0	46.3604	0	0.8466	0	62.1352
NE+3.30	B7	7	DISY-COMB Max	5.9705	0	46.3604	0	0.8466	0	88.3077
NE+3.30	B7	7	DISY-COMB Max	6.245	0	46.3604	0	0.8466	0	101.0358
NE+3.30	B7	7	DISY-COMB Max	6.245	0	46.3604	0	0.8466	0	101.6523
NE+3.30	B7	7	DISY-COMB Max	6.535	0	46.3604	0	0.8466	0	115.0968
NE+3.30	B7	7	B241	0.325	0	-80.0208	0	2.1388	0	-89.297
NE+3.30	B7	7	B241	0.8895	0	-73.9152	0	2.1388	0	-45.715
NE+3.30	B7	7	B241	1.4541	0	-65.8814	0	2.1388	0	-6.2738
NE+3.30	B7	7	B241	2.0186	0	-60.0549	0	2.1388	0	29.1444
NE+3.30	B7	7	B241	2.2867	0	-58.2572	0	2.1388	0	44.9861
NE+3.30	B7	7	B241	2.2867	0	-14.9255	0	2.1388	0	47.0422
NE+3.30	B7	7	B241	2.5832	0	-12.9	0	2.1388	0	51.1864
NE+3.30	B7	7	B241	3.1477	0	-6.934	0	2.1388	0	56.9151
NE+3.30	B7	7	B241	3.7123	0	1.1069	0	2.1388	0	58.5599
NE+3.30	B7	7	B241	4.2768	0	7.073	0	2.1388	0	56.1209
NE+3.30	B7	7	B241	4.5733	0	9.0984	0	2.1388	0	53.7045
NE+3.30	B7	7	B241	4.5733	0	51.2563	0	2.1388	0	51.4417
NE+3.30	B7	7	B241	4.8414	0	53.054	0	2.1388	0	37.4764
NE+3.30	B7	7	B241	5.4059	0	58.8805	0	2.1388	0	6.0105
NE+3.30	B7	7	B241	5.9705	0	66.9143	0	2.1388	0	-29.4783
NE+3.30	B7	7	B241	6.245	0	70.2291	0	2.1388	0	-48.3193
NE+3.30	B7	7	B241	6.245	0	94.5525	0	2.1388	0	-58.586
NE+3.30	B7	7	B241	6.535	0	97.7083	0	2.1388	0	-86.4638

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B7	7	B242	0.325	0	-90.5455	0	2.7474	0	-108.645
NE+3.30	B7	7	B242	0.8895	0	-84.2151	0	2.7474	0	-59.1553
NE+3.30	B7	7	B242	1.4541	0	-75.521	0	2.7474	0	-14.0903
NE+3.30	B7	7	B242	2.0186	0	-69.5328	0	2.7474	0	26.6949
NE+3.30	B7	7	B242	2.2867	0	-67.8769	0	2.7474	0	45.0928
NE+3.30	B7	7	B242	2.2867	0	-17.7755	0	2.7474	0	47.5063
NE+3.30	B7	7	B242	2.5832	0	-15.8987	0	2.7474	0	52.5219
NE+3.30	B7	7	B242	3.1477	0	-9.7393	0	2.7474	0	59.9183
NE+3.30	B7	7	B242	3.7123	0	-1.0366	0	2.7474	0	62.9601
NE+3.30	B7	7	B242	4.2768	0	5.1227	0	2.7474	0	61.6472
NE+3.30	B7	7	B242	4.5733	0	6.9995	0	2.7474	0	59.8268
NE+3.30	B7	7	B242	4.5733	0	55.3429	0	2.7474	0	57.1261
NE+3.30	B7	7	B242	4.8414	0	56.9988	0	2.7474	0	42.0877
NE+3.30	B7	7	B242	5.4059	0	62.9871	0	2.7474	0	8.3785
NE+3.30	B7	7	B242	5.9705	0	71.6811	0	2.7474	0	-29.6106
NE+3.30	B7	7	B242	6.245	0	75.1833	0	2.7474	0	-49.7895
NE+3.30	B7	7	B242	6.245	0	115.6132	0	2.7474	0	-61.8902
NE+3.30	B7	7	B242	6.535	0	118.8889	0	2.7474	0	-95.893
NE+3.30	B16	16	Pprop	0.325	0	-35.6797	0	-0.3153	0	-38.2852
NE+3.30	B16	16	Pprop	0.8895	0	-33.2652	0	-0.3153	0	-18.8239
NE+3.30	B16	16	Pprop	1.4541	0	-30.8508	0	-0.3153	0	-0.7257
NE+3.30	B16	16	Pprop	2.0186	0	-28.4363	0	-0.3153	0	16.0094
NE+3.30	B16	16	Pprop	2.2867	0	-27.29	0	-0.3153	0	23.4776
NE+3.30	B16	16	Pprop	2.2867	0	-5.8245	0	0.6073	0	22.9984
NE+3.30	B16	16	Pprop	2.5832	0	-4.5563	0	0.6073	0	24.5374
NE+3.30	B16	16	Pprop	3.1477	0	-2.1419	0	0.6073	0	26.4281
NE+3.30	B16	16	Pprop	3.7123	0	0.2726	0	0.6073	0	26.9558
NE+3.30	B16	16	Pprop	4.2768	0	2.687	0	0.6073	0	26.1204
NE+3.30	B16	16	Pprop	4.5733	0	3.9551	0	0.6073	0	25.1356
NE+3.30	B16	16	Pprop	4.5733	0	28.1491	0	-1.3076	0	25.635
NE+3.30	B16	16	Pprop	4.8414	0	29.2954	0	-1.3076	0	17.9365
NE+3.30	B16	16	Pprop	5.4059	0	31.7098	0	-1.3076	0	0.7164
NE+3.30	B16	16	Pprop	5.9705	0	34.1243	0	-1.3076	0	-17.8668
NE+3.30	B16	16	Pprop	6.535	0	36.5387	0	-1.3076	0	-37.813
NE+3.30	B16	16	Viva	0.325	0	-36.2019	0	0.2217	0	-39.8463
NE+3.30	B16	16	Viva	0.8895	0	-34.8305	0	0.2217	0	-19.7358
NE+3.30	B16	16	Viva	1.4541	0	-32.5706	0	0.2217	0	-0.7194
NE+3.30	B16	16	Viva	2.0186	0	-31.328	0	0.2217	0	17.2575
NE+3.30	B16	16	Viva	2.2867	0	-31.1843	0	0.2217	0	25.6287
NE+3.30	B16	16	Viva	2.2867	0	-3.6718	0	1.0716	0	24.925
NE+3.30	B16	16	Viva	2.5832	0	-3.496	0	1.0716	0	25.9964
NE+3.30	B16	16	Viva	3.1477	0	-2.189	0	1.0716	0	27.661
NE+3.30	B16	16	Viva	3.7123	0	0.0742	0	1.0716	0	28.258
NE+3.30	B16	16	Viva	4.2768	0	1.3812	0	1.0716	0	27.7872
NE+3.30	B16	16	Viva	4.5733	0	1.557	0	1.0716	0	27.3429

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B16	16	Viva	4.5733	0	33.2531	0	-1.7975	0	28.1291
NE+3.30	B16	16	Viva	4.8414	0	33.3968	0	-1.7975	0	19.2034
NE+3.30	B16	16	Viva	5.4059	0	34.6395	0	-1.7975	0	0.0586
NE+3.30	B16	16	Viva	5.9705	0	36.8994	0	-1.7975	0	-20.1258
NE+3.30	B16	16	Viva	6.535	0	38.2707	0	-1.7975	0	-41.4043
NE+3.30	B16	16	Psup	0.325	0	-118.3235	0	-0.2318	0	-121.8199
NE+3.30	B16	16	Psup	0.8895	0	-113.7323	0	-0.2318	0	-56.116
NE+3.30	B16	16	Psup	1.4541	0	-106.1662	0	-0.2318	0	5.925
NE+3.30	B16	16	Psup	2.0186	0	-102.0057	0	-0.2318	0	64.4855
NE+3.30	B16	16	Psup	2.2867	0	-101.5246	0	-0.2318	0	91.7401
NE+3.30	B16	16	Psup	2.2867	0	-8.5527	0	1.4172	0	89.3158
NE+3.30	B16	16	Psup	2.5832	0	-7.964	0	1.4172	0	91.7936
NE+3.30	B16	16	Psup	3.1477	0	-3.5881	0	1.4172	0	95.2552
NE+3.30	B16	16	Psup	3.7123	0	3.9889	0	1.4172	0	95.1421
NE+3.30	B16	16	Psup	4.2768	0	8.3648	0	1.4172	0	91.4542
NE+3.30	B16	16	Psup	4.5733	0	8.9535	0	1.4172	0	88.8576
NE+3.30	B16	16	Psup	4.5733	0	108.4316	0	-3.633	0	91.4427
NE+3.30	B16	16	Psup	4.8414	0	108.9127	0	-3.633	0	62.3368
NE+3.30	B16	16	Psup	5.4059	0	113.0732	0	-3.633	0	-0.123
NE+3.30	B16	16	Psup	5.9705	0	120.6393	0	-3.633	0	-66.0634
NE+3.30	B16	16	Psup	6.535	0	125.2306	0	-3.633	0	-135.6665
NE+3.30	B16	16	Viva.cub	0.325	0	-0.2253	0	0.0082	0	-0.6123
NE+3.30	B16	16	Viva.cub	0.8895	0	-0.2253	0	0.0082	0	-0.4851
NE+3.30	B16	16	Viva.cub	1.4541	0	-0.2253	0	0.0082	0	-0.3579
NE+3.30	B16	16	Viva.cub	2.0186	0	-0.2253	0	0.0082	0	-0.2308
NE+3.30	B16	16	Viva.cub	2.2867	0	-0.2253	0	0.0082	0	-0.1704
NE+3.30	B16	16	Viva.cub	2.2867	0	-0.2457	0	0.0072	0	-0.1706
NE+3.30	B16	16	Viva.cub	2.5832	0	-0.2457	0	0.0072	0	-0.0977
NE+3.30	B16	16	Viva.cub	3.1477	0	-0.2457	0	0.0072	0	0.041
NE+3.30	B16	16	Viva.cub	3.7123	0	-0.2457	0	0.0072	0	0.1797
NE+3.30	B16	16	Viva.cub	4.2768	0	-0.2457	0	0.0072	0	0.3184
NE+3.30	B16	16	Viva.cub	4.5733	0	-0.2457	0	0.0072	0	0.3912
NE+3.30	B16	16	Viva.cub	4.5733	0	-0.2445	0	-0.0114	0	0.3907
NE+3.30	B16	16	Viva.cub	4.8414	0	-0.2445	0	-0.0114	0	0.4563
NE+3.30	B16	16	Viva.cub	5.4059	0	-0.2445	0	-0.0114	0	0.5943
NE+3.30	B16	16	Viva.cub	5.9705	0	-0.2445	0	-0.0114	0	0.7323
NE+3.30	B16	16	Viva.cub	6.535	0	-0.2445	0	-0.0114	0	0.8704
NE+3.30	B16	16	DISX-COMB Max	0.325	0	15.5463	0	23.2031	0	50.8317
NE+3.30	B16	16	DISX-COMB Max	0.8895	0	15.5463	0	23.2031	0	42.1625
NE+3.30	B16	16	DISX-COMB Max	1.4541	0	15.5463	0	23.2031	0	33.5492
NE+3.30	B16	16	DISX-COMB Max	2.0186	0	15.5463	0	23.2031	0	25.0495
NE+3.30	B16	16	DISX-COMB Max	2.2867	0	15.5463	0	23.2031	0	21.0936
NE+3.30	B16	16	DISX-COMB Max	2.2867	0	12.1822	0	1.176	0	21.0887
NE+3.30	B16	16	DISX-COMB Max	2.5832	0	12.1822	0	1.176	0	17.4895
NE+3.30	B16	16	DISX-COMB Max	3.1477	0	12.1822	0	1.176	0	10.6613

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B16	16	DISX-COMB Max	3.7123	0	12.1822	0	1.176	0	4.0049
NE+3.30	B16	16	DISX-COMB Max	4.2768	0	12.1822	0	1.176	0	3.6074
NE+3.30	B16	16	DISX-COMB Max	4.5733	0	12.1822	0	1.176	0	7.0224
NE+3.30	B16	16	DISX-COMB Max	4.5733	0	12.2375	0	8.1654	0	6.9904
NE+3.30	B16	16	DISX-COMB Max	4.8414	0	12.2375	0	8.1654	0	10.2152
NE+3.30	B16	16	DISX-COMB Max	5.4059	0	12.2375	0	8.1654	0	17.0764
NE+3.30	B16	16	DISX-COMB Max	5.9705	0	12.2375	0	8.1654	0	23.9649
NE+3.30	B16	16	DISX-COMB Max	6.535	0	12.2375	0	8.1654	0	30.8624
NE+3.30	B16	16	DISY-COMB Max	0.325	0	45.3169	0	4.7335	0	186.6938
NE+3.30	B16	16	DISY-COMB Max	0.8895	0	45.3169	0	4.7335	0	161.112
NE+3.30	B16	16	DISY-COMB Max	1.4541	0	45.3169	0	4.7335	0	135.5309
NE+3.30	B16	16	DISY-COMB Max	2.0186	0	45.3169	0	4.7335	0	109.9508
NE+3.30	B16	16	DISY-COMB Max	2.2867	0	45.3169	0	4.7335	0	97.8067
NE+3.30	B16	16	DISY-COMB Max	2.2867	0	53.8969	0	2.7819	0	97.7451
NE+3.30	B16	16	DISY-COMB Max	2.5832	0	53.8969	0	2.7819	0	81.7643
NE+3.30	B16	16	DISY-COMB Max	3.1477	0	53.8969	0	2.7819	0	51.3385
NE+3.30	B16	16	DISY-COMB Max	3.7123	0	53.8969	0	2.7819	0	20.9169
NE+3.30	B16	16	DISY-COMB Max	4.2768	0	53.8969	0	2.7819	0	9.541
NE+3.30	B16	16	DISY-COMB Max	4.5733	0	53.8969	0	2.7819	0	25.5091
NE+3.30	B16	16	DISY-COMB Max	4.5733	0	53.6316	0	1.4619	0	25.4036
NE+3.30	B16	16	DISY-COMB Max	4.8414	0	53.6316	0	1.4619	0	39.7757
NE+3.30	B16	16	DISY-COMB Max	5.4059	0	53.6316	0	1.4619	0	70.051
NE+3.30	B16	16	DISY-COMB Max	5.9705	0	53.6316	0	1.4619	0	100.3276
NE+3.30	B16	16	DISY-COMB Max	6.535	0	53.6316	0	1.4619	0	130.6046
NE+3.30	B16	16	B241	0.325	0	-199.6338	0	-0.7092	0	-207.5436
NE+3.30	B16	16	B241	0.8895	0	-190.5524	0	-0.7092	0	-97.1444
NE+3.30	B16	16	B241	1.4541	0	-177.6146	0	-0.7092	0	6.7399
NE+3.30	B16	16	B241	2.0186	0	-169.0915	0	-0.7092	0	104.3452
NE+3.30	B16	16	B241	2.2867	0	-166.982	0	-0.7092	0	149.3563
NE+3.30	B16	16	B241	2.2867	0	-18.6371	0	2.6243	0	145.5925
NE+3.30	B16	16	B241	2.5832	0	-16.23	0	2.6243	0	150.7995
NE+3.30	B16	16	B241	3.1477	0	-7.4278	0	2.6243	0	157.7377
NE+3.30	B16	16	B241	3.7123	0	5.5241	0	2.6243	0	158.2751
NE+3.30	B16	16	B241	4.2768	0	14.3264	0	2.6243	0	152.4115
NE+3.30	B16	16	B241	4.5733	0	16.7334	0	2.6243	0	147.769
NE+3.30	B16	16	B241	4.5733	0	177.0491	0	-6.4046	0	151.7673
NE+3.30	B16	16	B241	4.8414	0	179.1586	0	-6.4046	0	104.058
NE+3.30	B16	16	B241	5.4059	0	187.6817	0	-6.4046	0	0.7692
NE+3.30	B16	16	B241	5.9705	0	200.6195	0	-6.4046	0	-108.7983
NE+3.30	B16	16	B241	6.535	0	209.7009	0	-6.4046	0	-224.8809
NE+3.30	B16	16	B242	0.325	0	-229.1503	0	-0.2492	0	-241.9548
NE+3.30	B16	16	B242	0.8895	0	-219.1721	0	-0.2492	0	-115.0865
NE+3.30	B16	16	B242	1.4541	0	-204.4668	0	-0.2492	0	4.4471
NE+3.30	B16	16	B242	2.0186	0	-195.173	0	-0.2492	0	116.9354
NE+3.30	B16	16	B242	2.2867	0	-193.1349	0	-0.2492	0	168.9404

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B16	16	B242	2.2867	0	-21.9724	0	3.9675	0	164.5883
NE+3.30	B16	16	B242	2.5832	0	-19.6278	0	3.9675	0	170.802
NE+3.30	B16	16	B242	3.1477	0	-9.9918	0	3.9675	0	179.4819
NE+3.30	B16	16	B242	3.7123	0	4.7308	0	3.9675	0	180.967
NE+3.30	B16	16	B242	4.2768	0	14.3668	0	3.9675	0	175.2571
NE+3.30	B16	16	B242	4.5733	0	16.7113	0	3.9675	0	170.6033
NE+3.30	B16	16	B242	4.5733	0	204.8391	0	-8.3713	0	175.2882
NE+3.30	B16	16	B242	4.8414	0	206.8772	0	-8.3713	0	120.1461
NE+3.30	B16	16	B242	5.4059	0	216.171	0	-8.3713	0	1.0503
NE+3.30	B16	16	B242	5.9705	0	230.8764	0	-8.3713	0	-125.0909
NE+3.30	B16	16	B242	6.535	0	240.8546	0	-8.3713	0	-258.5668
NE+3.30	B18	18	Pprop	0.325	0	-5.2749	0	0.1245	0	-4.0156
NE+3.30	B18	18	Pprop	0.5659	0	-4.4319	0	0.1245	0	-2.8464
NE+3.30	B18	18	Pprop	0.8068	0	-3.5889	0	0.1245	0	-1.8802
NE+3.30	B18	18	Pprop	1.0477	0	-2.7459	0	0.1245	0	-1.1172
NE+3.30	B18	18	Pprop	1.2886	0	-1.903	0	0.1245	0	-0.5572
NE+3.30	B18	18	Pprop	1.5295	0	-1.06	0	0.1245	0	-0.2003
NE+3.30	B18	18	Pprop	1.7705	0	-0.217	0	0.1245	0	-0.0465
NE+3.30	B18	18	Pprop	2.0114	0	0.626	0	0.1245	0	-0.0958
NE+3.30	B18	18	Pprop	2.2523	0	1.469	0	0.1245	0	-0.3481
NE+3.30	B18	18	Pprop	2.4932	0	2.312	0	0.1245	0	-0.8035
NE+3.30	B18	18	Pprop	2.7341	0	3.155	0	0.1245	0	-1.4621
NE+3.30	B18	18	Pprop	2.975	0	3.998	0	0.1245	0	-2.3237
NE+3.30	B18	18	Viva	0.325	0	-5.8813	0	0.2148	0	-4.2818
NE+3.30	B18	18	Viva	0.5659	0	-5.3447	0	0.2148	0	-2.9238
NE+3.30	B18	18	Viva	0.8068	0	-4.518	0	0.2148	0	-1.7299
NE+3.30	B18	18	Viva	1.0477	0	-3.4342	0	0.2148	0	-0.7689
NE+3.30	B18	18	Viva	1.2886	0	-2.311	0	0.2148	0	-0.0769
NE+3.30	B18	18	Viva	1.5295	0	-1.1877	0	0.2148	0	0.3445
NE+3.30	B18	18	Viva	1.7705	0	-0.0645	0	0.2148	0	0.4954
NE+3.30	B18	18	Viva	2.0114	0	1.0587	0	0.2148	0	0.3756
NE+3.30	B18	18	Viva	2.2523	0	2.182	0	0.2148	0	-0.0147
NE+3.30	B18	18	Viva	2.4932	0	3.2657	0	0.2148	0	-0.674
NE+3.30	B18	18	Viva	2.7341	0	4.0925	0	0.2148	0	-1.5662
NE+3.30	B18	18	Viva	2.975	0	4.629	0	0.2148	0	-2.6226
NE+3.30	B18	18	Psup	0.325	0	-7.5786	0	0.274	0	-5.3499
NE+3.30	B18	18	Psup	0.5659	0	-6.86	0	0.274	0	-3.6029
NE+3.30	B18	18	Psup	0.8068	0	-5.7528	0	0.274	0	-2.0758
NE+3.30	B18	18	Psup	1.0477	0	-4.3015	0	0.274	0	-0.8606
NE+3.30	B18	18	Psup	1.2886	0	-2.7972	0	0.274	0	-0.0055
NE+3.30	B18	18	Psup	1.5295	0	-1.293	0	0.274	0	0.4872
NE+3.30	B18	18	Psup	1.7705	0	0.2112	0	0.274	0	0.6175
NE+3.30	B18	18	Psup	2.0114	0	1.7155	0	0.274	0	0.3854
NE+3.30	B18	18	Psup	2.2523	0	3.2197	0	0.274	0	-0.2091
NE+3.30	B18	18	Psup	2.4932	0	4.6711	0	0.274	0	-1.1637

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B18	18	Psup	2.7341	0	5.7783	0	0.274	0	-2.4302
NE+3.30	B18	18	Psup	2.975	0	6.4969	0	0.274	0	-3.9166
NE+3.30	B18	18	Viva.cub	0.325	0	-0.1267	0	-0.0416	0	-0.1635
NE+3.30	B18	18	Viva.cub	0.5659	0	-0.1267	0	-0.0416	0	-0.133
NE+3.30	B18	18	Viva.cub	0.8068	0	-0.1267	0	-0.0416	0	-0.1025
NE+3.30	B18	18	Viva.cub	1.0477	0	-0.1267	0	-0.0416	0	-0.072
NE+3.30	B18	18	Viva.cub	1.2886	0	-0.1267	0	-0.0416	0	-0.0415
NE+3.30	B18	18	Viva.cub	1.5295	0	-0.1267	0	-0.0416	0	-0.011
NE+3.30	B18	18	Viva.cub	1.7705	0	-0.1267	0	-0.0416	0	0.0195
NE+3.30	B18	18	Viva.cub	2.0114	0	-0.1267	0	-0.0416	0	0.0501
NE+3.30	B18	18	Viva.cub	2.2523	0	-0.1267	0	-0.0416	0	0.0806
NE+3.30	B18	18	Viva.cub	2.4932	0	-0.1267	0	-0.0416	0	0.1111
NE+3.30	B18	18	Viva.cub	2.7341	0	-0.1267	0	-0.0416	0	0.1416
NE+3.30	B18	18	Viva.cub	2.975	0	-0.1267	0	-0.0416	0	0.1721
NE+3.30	B18	18	DISX-COMB Max	0.325	0	29.9833	0	1.3073	0	37.1169
NE+3.30	B18	18	DISX-COMB Max	0.5659	0	29.9833	0	1.3073	0	29.894
NE+3.30	B18	18	DISX-COMB Max	0.8068	0	29.9833	0	1.3073	0	22.6713
NE+3.30	B18	18	DISX-COMB Max	1.0477	0	29.9833	0	1.3073	0	15.4493
NE+3.30	B18	18	DISX-COMB Max	1.2886	0	29.9833	0	1.3073	0	8.2293
NE+3.30	B18	18	DISX-COMB Max	1.5295	0	29.9833	0	1.3073	0	1.0554
NE+3.30	B18	18	DISX-COMB Max	1.7705	0	29.9833	0	1.3073	0	6.2335
NE+3.30	B18	18	DISX-COMB Max	2.0114	0	29.9833	0	1.3073	0	13.4518
NE+3.30	B18	18	DISX-COMB Max	2.2523	0	29.9833	0	1.3073	0	20.6736
NE+3.30	B18	18	DISX-COMB Max	2.4932	0	29.9833	0	1.3073	0	27.8961
NE+3.30	B18	18	DISX-COMB Max	2.7341	0	29.9833	0	1.3073	0	35.1189
NE+3.30	B18	18	DISX-COMB Max	2.975	0	29.9833	0	1.3073	0	42.3419
NE+3.30	B18	18	DISY-COMB Max	0.325	0	60.3479	0	0.8281	0	75.0715
NE+3.30	B18	18	DISY-COMB Max	0.5659	0	60.3479	0	0.8281	0	60.5331
NE+3.30	B18	18	DISY-COMB Max	0.8068	0	60.3479	0	0.8281	0	45.9948
NE+3.30	B18	18	DISY-COMB Max	1.0477	0	60.3479	0	0.8281	0	31.4564
NE+3.30	B18	18	DISY-COMB Max	1.2886	0	60.3479	0	0.8281	0	16.9182
NE+3.30	B18	18	DISY-COMB Max	1.5295	0	60.3479	0	0.8281	0	2.3814
NE+3.30	B18	18	DISY-COMB Max	1.7705	0	60.3479	0	0.8281	0	12.1591
NE+3.30	B18	18	DISY-COMB Max	2.0114	0	60.3479	0	0.8281	0	26.6973
NE+3.30	B18	18	DISY-COMB Max	2.2523	0	60.3479	0	0.8281	0	41.2356
NE+3.30	B18	18	DISY-COMB Max	2.4932	0	60.3479	0	0.8281	0	55.774
NE+3.30	B18	18	DISY-COMB Max	2.7341	0	60.3479	0	0.8281	0	70.3123
NE+3.30	B18	18	DISY-COMB Max	2.975	0	60.3479	0	0.8281	0	84.8507
NE+3.30	B18	18	B241	0.325	0	-16.662	0	0.5166	0	-12.1405
NE+3.30	B18	18	B241	0.5659	0	-14.6377	0	0.5166	0	-8.3602
NE+3.30	B18	18	B241	0.8068	0	-12.1097	0	0.5166	0	-5.1282
NE+3.30	B18	18	B241	1.0477	0	-9.1355	0	0.5166	0	-2.5637
NE+3.30	B18	18	B241	1.2886	0	-6.0928	0	0.5166	0	-0.7294
NE+3.30	B18	18	B241	1.5295	0	-3.0501	0	0.5166	0	0.3719
NE+3.30	B18	18	B241	1.7705	0	-0.0074	0	0.5166	0	0.7402

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B18	18	B241	2.0114	0	3.0353	0	0.5166	0	0.3755
NE+3.30	B18	18	B241	2.2523	0	6.078	0	0.5166	0	-0.7222
NE+3.30	B18	18	B241	2.4932	0	9.0521	0	0.5166	0	-2.5501
NE+3.30	B18	18	B241	2.7341	0	11.5801	0	0.5166	0	-5.0455
NE+3.30	B18	18	B241	2.975	0	13.6044	0	0.5166	0	-8.0892
NE+3.30	B18	18	B242	0.325	0	-23.7551	0	0.7656	0	-17.3388
NE+3.30	B18	18	B242	0.5659	0	-21.1615	0	0.7656	0	-11.9104
NE+3.30	B18	18	B242	0.8068	0	-17.6718	0	0.7656	0	-7.2147
NE+3.30	B18	18	B242	1.0477	0	-13.3886	0	0.7656	0	-3.4638
NE+3.30	B18	18	B242	1.2886	0	-8.9833	0	0.7656	0	-0.769
NE+3.30	B18	18	B242	1.5295	0	-4.5781	0	0.7656	0	0.8646
NE+3.30	B18	18	B242	1.7705	0	-0.1729	0	0.7656	0	1.4368
NE+3.30	B18	18	B242	2.0114	0	4.2323	0	0.7656	0	0.9479
NE+3.30	B18	18	B242	2.2523	0	8.6375	0	0.7656	0	-0.6024
NE+3.30	B18	18	B242	2.4932	0	12.9208	0	0.7656	0	-3.2087
NE+3.30	B18	18	B242	2.7341	0	16.4105	0	0.7656	0	-6.7598
NE+3.30	B18	18	B242	2.975	0	19.0041	0	0.7656	0	-11.0436
NE+3.30	B20	20	Pprop	0.225	0	-9.6748	0	-0.5025	0	-4.1162
NE+3.30	B20	20	Pprop	0.5232	0	-8.6314	0	-0.5025	0	-1.3869
NE+3.30	B20	20	Pprop	0.8214	0	-7.588	0	-0.5025	0	1.0313
NE+3.30	B20	20	Pprop	1.1195	0	-6.5446	0	-0.5025	0	3.1383
NE+3.30	B20	20	Pprop	1.4177	0	-5.5012	0	-0.5025	0	4.9343
NE+3.30	B20	20	Pprop	1.7159	0	-4.4578	0	-0.5025	0	6.419
NE+3.30	B20	20	Pprop	1.865	0	-3.9361	0	-0.5025	0	7.0448
NE+3.30	B20	20	Pprop	1.865	0	5.4276	0	0.4756	0	7.2404
NE+3.30	B20	20	Pprop	2.0141	0	5.9493	0	0.4756	0	6.3923
NE+3.30	B20	20	Pprop	2.3123	0	6.9927	0	0.4756	0	4.4627
NE+3.30	B20	20	Pprop	2.6105	0	8.0361	0	0.4756	0	2.2221
NE+3.30	B20	20	Pprop	2.9086	0	9.0795	0	0.4756	0	-0.3297
NE+3.30	B20	20	Pprop	3.2068	0	10.1229	0	0.4756	0	-3.1926
NE+3.30	B20	20	Pprop	3.505	0	11.1663	0	0.4756	0	-6.3666
NE+3.30	B20	20	Viva	0.225	0	-16.222	0	0.3065	0	-6.6933
NE+3.30	B20	20	Viva	0.5232	0	-15.1065	0	0.3065	0	-2.0004
NE+3.30	B20	20	Viva	0.8214	0	-13.1019	0	0.3065	0	2.2273
NE+3.30	B20	20	Viva	1.1195	0	-10.6056	0	0.3065	0	5.7554
NE+3.30	B20	20	Viva	1.4177	0	-8.8273	0	0.3065	0	8.6306
NE+3.30	B20	20	Viva	1.7159	0	-7.9382	0	0.3065	0	11.1081
NE+3.30	B20	20	Viva	1.865	0	-7.8271	0	0.3065	0	12.2805
NE+3.30	B20	20	Viva	1.865	0	12.5268	0	-0.1818	0	12.5595
NE+3.30	B20	20	Viva	2.0141	0	12.5823	0	-0.1818	0	10.6892
NE+3.30	B20	20	Viva	2.3123	0	13.0269	0	-0.1818	0	6.8821
NE+3.30	B20	20	Viva	2.6105	0	13.916	0	-0.1818	0	2.8762
NE+3.30	B20	20	Viva	2.9086	0	15.1404	0	-0.1818	0	-1.4535
NE+3.30	B20	20	Viva	3.2068	0	16.1427	0	-0.1818	0	-6.1286
NE+3.30	B20	20	Viva	3.505	0	16.7004	0	-0.1818	0	-11.0363

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B20	20	Psup	0.225	0	-23.1486	0	0.5505	0	-10.0904
NE+3.30	B20	20	Psup	0.5232	0	-21.6548	0	0.5505	0	-3.3811
NE+3.30	B20	20	Psup	0.8214	0	-18.9702	0	0.5505	0	2.7053
NE+3.30	B20	20	Psup	1.1195	0	-15.6271	0	0.5505	0	7.8549
NE+3.30	B20	20	Psup	1.4177	0	-13.2457	0	0.5505	0	12.1299
NE+3.30	B20	20	Psup	1.7159	0	-12.055	0	0.5505	0	15.8725
NE+3.30	B20	20	Psup	1.865	0	-11.9061	0	0.5505	0	17.655
NE+3.30	B20	20	Psup	1.865	0	17.3977	0	-0.6419	0	18.0679
NE+3.30	B20	20	Psup	2.0141	0	17.4721	0	-0.6419	0	15.4704
NE+3.30	B20	20	Psup	2.3123	0	18.0675	0	-0.6419	0	10.1865
NE+3.30	B20	20	Psup	2.6105	0	19.2582	0	-0.6419	0	4.6364
NE+3.30	B20	20	Psup	2.9086	0	20.8979	0	-0.6419	0	-1.3474
NE+3.30	B20	20	Psup	3.2068	0	22.2402	0	-0.6419	0	-7.7937
NE+3.30	B20	20	Psup	3.505	0	22.9871	0	-0.6419	0	-14.5515
NE+3.30	B20	20	Viva.cub	0.225	0	-0.1448	0	0.039	0	-0.2005
NE+3.30	B20	20	Viva.cub	0.5232	0	-0.1448	0	0.039	0	-0.1574
NE+3.30	B20	20	Viva.cub	0.8214	0	-0.1448	0	0.039	0	-0.1142
NE+3.30	B20	20	Viva.cub	1.1195	0	-0.1448	0	0.039	0	-0.071
NE+3.30	B20	20	Viva.cub	1.4177	0	-0.1448	0	0.039	0	-0.0279
NE+3.30	B20	20	Viva.cub	1.7159	0	-0.1448	0	0.039	0	0.0153
NE+3.30	B20	20	Viva.cub	1.865	0	-0.1448	0	0.039	0	0.0369
NE+3.30	B20	20	Viva.cub	1.865	0	-0.1234	0	0.0171	0	0.0541
NE+3.30	B20	20	Viva.cub	2.0141	0	-0.1234	0	0.0171	0	0.0725
NE+3.30	B20	20	Viva.cub	2.3123	0	-0.1234	0	0.0171	0	0.1093
NE+3.30	B20	20	Viva.cub	2.6105	0	-0.1234	0	0.0171	0	0.1461
NE+3.30	B20	20	Viva.cub	2.9086	0	-0.1234	0	0.0171	0	0.1829
NE+3.30	B20	20	Viva.cub	3.2068	0	-0.1234	0	0.0171	0	0.2197
NE+3.30	B20	20	Viva.cub	3.505	0	-0.1234	0	0.0171	0	0.2565
NE+3.30	B20	20	DISX-COMB Max	0.225	0	70.1332	0	3.7158	0	118.5916
NE+3.30	B20	20	DISX-COMB Max	0.5232	0	70.1332	0	3.7158	0	97.6946
NE+3.30	B20	20	DISX-COMB Max	0.8214	0	70.1332	0	3.7158	0	76.8061
NE+3.30	B20	20	DISX-COMB Max	1.1195	0	70.1332	0	3.7158	0	55.9354
NE+3.30	B20	20	DISX-COMB Max	1.4177	0	70.1332	0	3.7158	0	35.1144
NE+3.30	B20	20	DISX-COMB Max	1.7159	0	70.1332	0	3.7158	0	14.5579
NE+3.30	B20	20	DISX-COMB Max	1.865	0	70.1332	0	3.7158	0	5.4212
NE+3.30	B20	20	DISX-COMB Max	1.865	0	64.9513	0	1.467	0	8.3282
NE+3.30	B20	20	DISX-COMB Max	2.0141	0	64.9513	0	1.467	0	3.7619
NE+3.30	B20	20	DISX-COMB Max	2.3123	0	64.9513	0	1.467	0	21.5958
NE+3.30	B20	20	DISX-COMB Max	2.6105	0	64.9513	0	1.467	0	40.8508
NE+3.30	B20	20	DISX-COMB Max	2.9086	0	64.9513	0	1.467	0	60.1779
NE+3.30	B20	20	DISX-COMB Max	3.2068	0	64.9513	0	1.467	0	79.5246
NE+3.30	B20	20	DISX-COMB Max	3.505	0	64.9513	0	1.467	0	98.8793
NE+3.30	B20	20	DISY-COMB Max	0.225	0	19.1119	0	7.0857	0	24.8379
NE+3.30	B20	20	DISY-COMB Max	0.5232	0	19.1119	0	7.0857	0	19.4284
NE+3.30	B20	20	DISY-COMB Max	0.8214	0	19.1119	0	7.0857	0	14.2464

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B20	20	DISY-COMB Max	1.1195	0	19.1119	0	7.0857	0	9.6648
NE+3.30	B20	20	DISY-COMB Max	1.4177	0	19.1119	0	7.0857	0	6.9865
NE+3.30	B20	20	DISY-COMB Max	1.7159	0	19.1119	0	7.0857	0	8.3167
NE+3.30	B20	20	DISY-COMB Max	1.865	0	19.1119	0	7.0857	0	10.1835
NE+3.30	B20	20	DISY-COMB Max	1.865	0	12.9936	0	5.7036	0	9.6899
NE+3.30	B20	20	DISY-COMB Max	2.0141	0	12.9936	0	5.7036	0	8.5701
NE+3.30	B20	20	DISY-COMB Max	2.3123	0	12.9936	0	5.7036	0	7.4207
NE+3.30	B20	20	DISY-COMB Max	2.6105	0	12.9936	0	5.7036	0	8.1677
NE+3.30	B20	20	DISY-COMB Max	2.9086	0	12.9936	0	5.7036	0	10.4105
NE+3.30	B20	20	DISY-COMB Max	3.2068	0	12.9936	0	5.7036	0	13.419
NE+3.30	B20	20	DISY-COMB Max	3.505	0	12.9936	0	5.7036	0	16.7864
NE+3.30	B20	20	B241	0.225	0	-42.5488	0	0.0622	0	-18.4159
NE+3.30	B20	20	B241	0.5232	0	-39.2598	0	0.0622	0	-6.1806
NE+3.30	B20	20	B241	0.8214	0	-34.4273	0	0.0622	0	4.8438
NE+3.30	B20	20	B241	1.1195	0	-28.7411	0	0.0622	0	14.2504
NE+3.30	B20	20	B241	1.4177	0	-24.3015	0	0.0622	0	22.1203
NE+3.30	B20	20	B241	1.7159	0	-21.4055	0	0.0622	0	28.8964
NE+3.30	B20	20	B241	1.865	0	-20.5362	0	0.0622	0	32.0182
NE+3.30	B20	20	B241	1.865	0	29.5883	0	-0.2156	0	32.807
NE+3.30	B20	20	B241	2.0141	0	30.3611	0	-0.2156	0	28.3404
NE+3.30	B20	20	B241	2.3123	0	32.4854	0	-0.2156	0	18.9898
NE+3.30	B20	20	B241	2.6105	0	35.3815	0	-0.2156	0	8.8906
NE+3.30	B20	20	B241	2.9086	0	38.8596	0	-0.2156	0	-2.174
NE+3.30	B20	20	B241	3.2068	0	41.9521	0	-0.2156	0	-14.2415
NE+3.30	B20	20	B241	3.505	0	44.2729	0	-0.2156	0	-27.116
NE+3.30	B20	20	B242	0.225	0	-62.498	0	0.5632	0	-26.5947
NE+3.30	B20	20	B242	0.5232	0	-57.8941	0	0.5632	0	-8.5771
NE+3.30	B20	20	B242	0.8214	0	-50.5446	0	0.5632	0	7.6584
NE+3.30	B20	20	B242	1.1195	0	-41.6766	0	0.5632	0	21.3878
NE+3.30	B20	20	B242	1.4177	0	-35.026	0	0.5632	0	32.7552
NE+3.30	B20	20	B242	1.7159	0	-31.1211	0	0.5632	0	42.5489
NE+3.30	B20	20	B242	1.865	0	-30.1982	0	0.5632	0	47.1114
NE+3.30	B20	20	B242	1.865	0	45.3425	0	-0.4672	0	48.2426
NE+3.30	B20	20	B242	2.0141	0	46.0938	0	-0.4672	0	41.4307
NE+3.30	B20	20	B242	2.3123	0	48.6259	0	-0.4672	0	27.343
NE+3.30	B20	20	B242	2.6105	0	52.5309	0	-0.4672	0	12.2955
NE+3.30	B20	20	B242	2.9086	0	57.4712	0	-0.4672	0	-4.0976
NE+3.30	B20	20	B242	3.2068	0	61.7256	0	-0.4672	0	-21.9029
NE+3.30	B20	20	B242	3.505	0	64.6072	0	-0.4672	0	-40.772
NE+3.30	B22	22	Pprop	0.225	0	-6.8031	0	-0.5192	0	-4.6026
NE+3.30	B22	22	Pprop	0.6386	0	-5.3557	0	-0.5192	0	-2.088
NE+3.30	B22	22	Pprop	1.0523	0	-3.9083	0	-0.5192	0	-0.172
NE+3.30	B22	22	Pprop	1.4659	0	-2.4609	0	-0.5192	0	1.1452
NE+3.30	B22	22	Pprop	1.8795	0	-1.0135	0	-0.5192	0	1.8638
NE+3.30	B22	22	Pprop	2.2932	0	0.4339	0	-0.5192	0	1.9837

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B22	22	Pprop	2.5	0	1.1576	0	-0.5192	0	1.8191
NE+3.30	B22	22	Pprop	2.5	0	-0.2961	0	0.362	0	3.0757
NE+3.30	B22	22	Pprop	2.7068	0	0.4276	0	0.362	0	3.0621
NE+3.30	B22	22	Pprop	3.1205	0	1.8749	0	0.362	0	2.5859
NE+3.30	B22	22	Pprop	3.5341	0	3.3223	0	0.362	0	1.5111
NE+3.30	B22	22	Pprop	3.9477	0	4.7697	0	0.362	0	-0.1625
NE+3.30	B22	22	Pprop	4.3614	0	6.2171	0	0.362	0	-2.4348
NE+3.30	B22	22	Pprop	4.775	0	7.6645	0	0.362	0	-5.3058
NE+3.30	B22	22	Viva	0.225	0	-9.888	0	1.0226	0	-8.0515
NE+3.30	B22	22	Viva	0.6386	0	-8.9949	0	1.0226	0	-4.1166
NE+3.30	B22	22	Viva	1.0523	0	-7.3644	0	1.0226	0	-0.7196
NE+3.30	B22	22	Viva	1.4659	0	-5.6375	0	1.0226	0	1.9694
NE+3.30	B22	22	Viva	1.8795	0	-4.0256	0	1.0226	0	3.9524
NE+3.30	B22	22	Viva	2.2932	0	-3.1701	0	1.0226	0	5.4111
NE+3.30	B22	22	Viva	2.5	0	-3.0632	0	1.0226	0	6.052
NE+3.30	B22	22	Viva	2.5	0	5.0999	0	-0.901	0	8.4009
NE+3.30	B22	22	Viva	2.7068	0	5.2068	0	-0.901	0	7.3388
NE+3.30	B22	22	Viva	3.1205	0	6.0623	0	-0.901	0	5.0376
NE+3.30	B22	22	Viva	3.5341	0	7.6742	0	-0.901	0	2.2122
NE+3.30	B22	22	Viva	3.9477	0	9.4011	0	-0.901	0	-1.3192
NE+3.30	B22	22	Viva	4.3614	0	11.0316	0	-0.901	0	-5.5587
NE+3.30	B22	22	Viva	4.775	0	11.9247	0	-0.901	0	-10.336
NE+3.30	B22	22	Psup	0.225	0	-12.0327	0	0.6039	0	-10.0613
NE+3.30	B22	22	Psup	0.6386	0	-10.8367	0	0.6039	0	-5.2919
NE+3.30	B22	22	Psup	1.0523	0	-8.6531	0	0.6039	0	-1.2428
NE+3.30	B22	22	Psup	1.4659	0	-6.3404	0	0.6039	0	1.8581
NE+3.30	B22	22	Psup	1.8795	0	-4.1818	0	0.6039	0	4.0134
NE+3.30	B22	22	Psup	2.2932	0	-3.0362	0	0.6039	0	5.4668
NE+3.30	B22	22	Psup	2.5	0	-2.893	0	0.6039	0	6.0749
NE+3.30	B22	22	Psup	2.5	0	4.7201	0	-0.5998	0	8.9029
NE+3.30	B22	22	Psup	2.7068	0	4.8633	0	-0.5998	0	7.9168
NE+3.30	B22	22	Psup	3.1205	0	6.009	0	-0.5998	0	5.7077
NE+3.30	B22	22	Psup	3.5341	0	8.1676	0	-0.5998	0	2.7966
NE+3.30	B22	22	Psup	3.9477	0	10.4803	0	-0.5998	0	-1.0601
NE+3.30	B22	22	Psup	4.3614	0	12.6639	0	-0.5998	0	-5.865
NE+3.30	B22	22	Psup	4.775	0	13.8599	0	-0.5998	0	-11.3901
NE+3.30	B22	22	Viva.cub	0.225	0	-0.0424	0	-0.0384	0	-0.0798
NE+3.30	B22	22	Viva.cub	0.6386	0	-0.0424	0	-0.0384	0	-0.0623
NE+3.30	B22	22	Viva.cub	1.0523	0	-0.0424	0	-0.0384	0	-0.0448
NE+3.30	B22	22	Viva.cub	1.4659	0	-0.0424	0	-0.0384	0	-0.0273
NE+3.30	B22	22	Viva.cub	1.8795	0	-0.0424	0	-0.0384	0	-0.0098
NE+3.30	B22	22	Viva.cub	2.2932	0	-0.0424	0	-0.0384	0	0.0078
NE+3.30	B22	22	Viva.cub	2.5	0	-0.0424	0	-0.0384	0	0.0165
NE+3.30	B22	22	Viva.cub	2.5	0	-0.3134	0	0.0307	0	-0.4202
NE+3.30	B22	22	Viva.cub	2.7068	0	-0.3134	0	0.0307	0	-0.3554

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B22	22	Viva.cub	3.1205	0	-0.3134	0	0.0307	0	-0.2258
NE+3.30	B22	22	Viva.cub	3.5341	0	-0.3134	0	0.0307	0	-0.0962
NE+3.30	B22	22	Viva.cub	3.9477	0	-0.3134	0	0.0307	0	0.0335
NE+3.30	B22	22	Viva.cub	4.3614	0	-0.3134	0	0.0307	0	0.1631
NE+3.30	B22	22	Viva.cub	4.775	0	-0.3134	0	0.0307	0	0.2927
NE+3.30	B22	22	DISX-COMB Max	0.225	0	29.4236	0	1.6792	0	69.2312
NE+3.30	B22	22	DISX-COMB Max	0.6386	0	29.4236	0	1.6792	0	57.0798
NE+3.30	B22	22	DISX-COMB Max	1.0523	0	29.4236	0	1.6792	0	44.9389
NE+3.30	B22	22	DISX-COMB Max	1.4659	0	29.4236	0	1.6792	0	32.8201
NE+3.30	B22	22	DISX-COMB Max	1.8795	0	29.4236	0	1.6792	0	20.762
NE+3.30	B22	22	DISX-COMB Max	2.2932	0	29.4236	0	1.6792	0	9.0117
NE+3.30	B22	22	DISX-COMB Max	2.5	0	29.4236	0	1.6792	0	4.1691
NE+3.30	B22	22	DISX-COMB Max	2.5	0	30.6243	0	1.1867	0	5.8249
NE+3.30	B22	22	DISX-COMB Max	2.7068	0	30.6243	0	1.1867	0	10.5754
NE+3.30	B22	22	DISX-COMB Max	3.1205	0	30.6243	0	1.1867	0	22.5466
NE+3.30	B22	22	DISX-COMB Max	3.5341	0	30.6243	0	1.1867	0	35.0111
NE+3.30	B22	22	DISX-COMB Max	3.9477	0	30.6243	0	1.1867	0	47.5829
NE+3.30	B22	22	DISX-COMB Max	4.3614	0	30.6243	0	1.1867	0	60.1947
NE+3.30	B22	22	DISX-COMB Max	4.775	0	30.6243	0	1.1867	0	72.8258
NE+3.30	B22	22	DISY-COMB Max	0.225	0	12.1385	0	3.1925	0	18.1094
NE+3.30	B22	22	DISY-COMB Max	0.6386	0	12.1385	0	3.1925	0	13.3448
NE+3.30	B22	22	DISY-COMB Max	1.0523	0	12.1385	0	3.1925	0	8.8678
NE+3.30	B22	22	DISY-COMB Max	1.4659	0	12.1385	0	3.1925	0	5.4414
NE+3.30	B22	22	DISY-COMB Max	1.8795	0	12.1385	0	3.1925	0	5.5678
NE+3.30	B22	22	DISY-COMB Max	2.2932	0	12.1385	0	3.1925	0	9.1001
NE+3.30	B22	22	DISY-COMB Max	2.5	0	12.1385	0	3.1925	0	11.2971
NE+3.30	B22	22	DISY-COMB Max	2.5	0	8.2951	0	6.344	0	12.5201
NE+3.30	B22	22	DISY-COMB Max	2.7068	0	8.2951	0	6.344	0	11.2459
NE+3.30	B22	22	DISY-COMB Max	3.1205	0	8.2951	0	6.344	0	9.1414
NE+3.30	B22	22	DISY-COMB Max	3.5341	0	8.2951	0	6.344	0	8.0129
NE+3.30	B22	22	DISY-COMB Max	3.9477	0	8.2951	0	6.344	0	8.2701
NE+3.30	B22	22	DISY-COMB Max	4.3614	0	8.2951	0	6.344	0	9.8045
NE+3.30	B22	22	DISY-COMB Max	4.775	0	8.2951	0	6.344	0	12.1411
NE+3.30	B22	22	B241	0.225	0	-24.4168	0	0.1098	0	-19.0087
NE+3.30	B22	22	B241	0.6386	0	-20.9901	0	0.1098	0	-9.5665
NE+3.30	B22	22	B241	1.0523	0	-16.2833	0	0.1098	0	-1.8341
NE+3.30	B22	22	B241	1.4659	0	-11.4091	0	0.1098	0	3.8932
NE+3.30	B22	22	B241	1.8795	0	-6.7346	0	0.1098	0	7.6186
NE+3.30	B22	22	B241	2.2932	0	-3.3733	0	0.1098	0	9.6579
NE+3.30	B22	22	B241	2.5	0	-2.2495	0	0.1098	0	10.233
NE+3.30	B22	22	B241	2.5	0	5.7347	0	-0.3082	0	15.5278
NE+3.30	B22	22	B241	2.7068	0	6.8585	0	-0.3082	0	14.232
NE+3.30	B22	22	B241	3.1205	0	10.2199	0	-0.3082	0	10.751
NE+3.30	B22	22	B241	3.5341	0	14.8943	0	-0.3082	0	5.584
NE+3.30	B22	22	B241	3.9477	0	19.7685	0	-0.3082	0	-1.5849

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B22	22	B241	4.3614	0	24.4754	0	-0.3082	0	-10.759
NE+3.30	B22	22	B241	4.775	0	27.902	0	-0.3082	0	-21.6428
NE+3.30	B22	22	B242	0.225	0	-36.7707	0	1.7111	0	-29.2154
NE+3.30	B22	22	B242	0.6386	0	-32.4046	0	1.7111	0	-14.8177
NE+3.30	B22	22	B242	1.0523	0	-25.7613	0	1.7111	0	-2.7458
NE+3.30	B22	22	B242	1.4659	0	-18.8203	0	1.7111	0	6.4745
NE+3.30	B22	22	B242	1.8795	0	-12.2347	0	1.7111	0	12.8492
NE+3.30	B22	22	B242	2.2932	0	-7.9848	0	1.7111	0	16.9399
NE+3.30	B22	22	B242	2.5	0	-6.8505	0	1.7111	0	18.4626
NE+3.30	B22	22	B242	2.5	0	12.9186	0	-1.6904	0	26.5409
NE+3.30	B22	22	B242	2.7068	0	14.053	0	-1.6904	0	23.7632
NE+3.30	B22	22	B242	3.1205	0	18.3029	0	-1.6904	0	17.1625
NE+3.30	B22	22	B242	3.5341	0	24.8885	0	-1.6904	0	8.2778
NE+3.30	B22	22	B242	3.9477	0	31.8295	0	-1.6904	0	-3.4526
NE+3.30	B22	22	B242	4.3614	0	38.4728	0	-1.6904	0	-18.0344
NE+3.30	B22	22	B242	4.775	0	42.8389	0	-1.6904	0	-34.9422
NE+3.30	B23	23	Pprop	0.225	0	-8.1867	0	-0.1541	0	-7.8542
NE+3.30	B23	23	Pprop	0.9777	0	-5.5528	0	-0.1541	0	-2.6831
NE+3.30	B23	23	Pprop	1.7305	0	-2.9189	0	-0.1541	0	0.5053
NE+3.30	B23	23	Pprop	2.4832	0	-0.2849	0	-0.1541	0	1.7111
NE+3.30	B23	23	Pprop	2.91	0	1.2086	0	-0.1541	0	1.5139
NE+3.30	B23	23	Pprop	2.91	0	-4.906	0	0.0016	0	1.6788
NE+3.30	B23	23	Pprop	3.2359	0	-3.7655	0	0.0016	0	3.0919
NE+3.30	B23	23	Pprop	3.9886	0	-1.1316	0	0.0016	0	4.935
NE+3.30	B23	23	Pprop	4.7414	0	1.5023	0	0.0016	0	4.7954
NE+3.30	B23	23	Pprop	5.4941	0	4.1363	0	0.0016	0	2.6733
NE+3.30	B23	23	Pprop	5.82	0	5.2767	0	0.0016	0	1.1394
NE+3.30	B23	23	Pprop	5.82	0	-0.656	0	0.1163	0	2.1463
NE+3.30	B23	23	Pprop	6.2468	0	0.8375	0	0.1163	0	2.1075
NE+3.30	B23	23	Pprop	6.9995	0	3.4715	0	0.1163	0	0.4858
NE+3.30	B23	23	Pprop	7.7523	0	6.1054	0	0.1163	0	-3.1186
NE+3.30	B23	23	Pprop	8.505	0	8.7393	0	0.1163	0	-8.7056
NE+3.30	B23	23	Viva	0.225	0	-12.4722	0	3.275	0	-15.2068
NE+3.30	B23	23	Viva	0.9777	0	-10.2599	0	3.275	0	-6.4903
NE+3.30	B23	23	Viva	1.7305	0	-7.1172	0	3.275	0	0.0498
NE+3.30	B23	23	Viva	2.4832	0	-4.3911	0	3.275	0	4.281
NE+3.30	B23	23	Viva	2.91	0	-3.9357	0	3.275	0	6.0256
NE+3.30	B23	23	Viva	2.91	0	-4.046	0	-0.0113	0	6.0975
NE+3.30	B23	23	Viva	3.2359	0	-3.7805	0	-0.0113	0	7.3873
NE+3.30	B23	23	Viva	3.9886	0	-1.2858	0	-0.0113	0	9.428
NE+3.30	B23	23	Viva	4.7414	0	1.8568	0	-0.0113	0	9.2131
NE+3.30	B23	23	Viva	5.4941	0	4.3515	0	-0.0113	0	6.7426
NE+3.30	B23	23	Viva	5.82	0	4.6171	0	-0.0113	0	5.2667
NE+3.30	B23	23	Viva	5.82	0	5.1993	0	-3.1847	0	7.3666
NE+3.30	B23	23	Viva	6.2468	0	5.6547	0	-3.1847	0	5.0827

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B23	23	Viva	6.9995	0	8.3808	0	-3.1847	0	-0.0997
NE+3.30	B23	23	Viva	7.7523	0	11.5235	0	-3.1847	0	-7.591
NE+3.30	B23	23	Viva	8.505	0	13.7359	0	-3.1847	0	-17.2586
NE+3.30	B23	23	Psup	0.225	0	-14.9613	0	2.3762	0	-17.4317
NE+3.30	B23	23	Psup	0.9777	0	-11.9985	0	2.3762	0	-7.0694
NE+3.30	B23	23	Psup	1.7305	0	-7.7899	0	2.3762	0	0.3782
NE+3.30	B23	23	Psup	2.4832	0	-4.1391	0	2.3762	0	4.7338
NE+3.30	B23	23	Psup	2.91	0	-3.5292	0	2.3762	0	6.3269
NE+3.30	B23	23	Psup	2.91	0	-5.2927	0	0.0177	0	6.3838
NE+3.30	B23	23	Psup	3.2359	0	-4.9371	0	0.0177	0	8.0702
NE+3.30	B23	23	Psup	3.9886	0	-1.5962	0	0.0177	0	10.7084
NE+3.30	B23	23	Psup	4.7414	0	2.6124	0	0.0177	0	10.3259
NE+3.30	B23	23	Psup	5.4941	0	5.9533	0	0.0177	0	6.9228
NE+3.30	B23	23	Psup	5.82	0	6.3089	0	0.0177	0	4.9053
NE+3.30	B23	23	Psup	5.82	0	4.8035	0	-2.3827	0	7.7477
NE+3.30	B23	23	Psup	6.2468	0	5.4134	0	-2.3827	0	5.6107
NE+3.30	B23	23	Psup	6.9995	0	9.0642	0	-2.3827	0	0.296
NE+3.30	B23	23	Psup	7.7523	0	13.2728	0	-2.3827	0	-8.1109
NE+3.30	B23	23	Psup	8.505	0	16.2356	0	-2.3827	0	-19.4323
NE+3.30	B23	23	Viva.cub	0.225	0	-0.0182	0	0.0632	0	-0.0405
NE+3.30	B23	23	Viva.cub	0.9777	0	-0.0182	0	0.0632	0	-0.0267
NE+3.30	B23	23	Viva.cub	1.7305	0	-0.0182	0	0.0632	0	-0.013
NE+3.30	B23	23	Viva.cub	2.4832	0	-0.0182	0	0.0632	0	0.0007
NE+3.30	B23	23	Viva.cub	2.91	0	-0.0182	0	0.0632	0	0.0085
NE+3.30	B23	23	Viva.cub	2.91	0	-0.0218	0	-0.0054	0	-0.0385
NE+3.30	B23	23	Viva.cub	3.2359	0	-0.0218	0	-0.0054	0	-0.0314
NE+3.30	B23	23	Viva.cub	3.9886	0	-0.0218	0	-0.0054	0	-0.015
NE+3.30	B23	23	Viva.cub	4.7414	0	-0.0218	0	-0.0054	0	0.0014
NE+3.30	B23	23	Viva.cub	5.4941	0	-0.0218	0	-0.0054	0	0.0178
NE+3.30	B23	23	Viva.cub	5.82	0	-0.0218	0	-0.0054	0	0.0249
NE+3.30	B23	23	Viva.cub	5.82	0	-0.0311	0	-0.0529	0	-0.0123
NE+3.30	B23	23	Viva.cub	6.2468	0	-0.0311	0	-0.0529	0	0.001
NE+3.30	B23	23	Viva.cub	6.9995	0	-0.0311	0	-0.0529	0	0.0245
NE+3.30	B23	23	Viva.cub	7.7523	0	-0.0311	0	-0.0529	0	0.0479
NE+3.30	B23	23	Viva.cub	8.505	0	-0.0311	0	-0.0529	0	0.0714
NE+3.30	B23	23	DISX-COMB Max	0.225	0	27.9547	0	1.5876	0	64.0437
NE+3.30	B23	23	DISX-COMB Max	0.9777	0	27.9547	0	1.5876	0	43.0025
NE+3.30	B23	23	DISX-COMB Max	1.7305	0	27.9547	0	1.5876	0	21.9636
NE+3.30	B23	23	DISX-COMB Max	2.4832	0	27.9547	0	1.5876	0	1.0682
NE+3.30	B23	23	DISX-COMB Max	2.91	0	27.9547	0	1.5876	0	11.031
NE+3.30	B23	23	DISX-COMB Max	2.91	0	5.6213	0	0.8545	0	7.9492
NE+3.30	B23	23	DISX-COMB Max	3.2359	0	5.6213	0	0.8545	0	6.1338
NE+3.30	B23	23	DISX-COMB Max	3.9886	0	5.6213	0	0.8545	0	2.0571
NE+3.30	B23	23	DISX-COMB Max	4.7414	0	5.6213	0	0.8545	0	2.5784
NE+3.30	B23	23	DISX-COMB Max	5.4941	0	5.6213	0	0.8545	0	6.6987

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B23	23	DISX-COMB Max	5.82	0	5.6213	0	0.8545	0	8.5165
NE+3.30	B23	23	DISX-COMB Max	5.82	0	28.7286	0	0.8155	0	12.3941
NE+3.30	B23	23	DISX-COMB Max	6.2468	0	28.7286	0	0.8155	0	0.4318
NE+3.30	B23	23	DISX-COMB Max	6.9995	0	28.7286	0	0.8155	0	21.5035
NE+3.30	B23	23	DISX-COMB Max	7.7523	0	28.7286	0	0.8155	0	43.1263
NE+3.30	B23	23	DISX-COMB Max	8.505	0	28.7286	0	0.8155	0	64.7504
NE+3.30	B23	23	DISY-COMB Max	0.225	0	8.4252	0	5.1386	0	18.2881
NE+3.30	B23	23	DISY-COMB Max	0.9777	0	8.4252	0	5.1386	0	11.9603
NE+3.30	B23	23	DISY-COMB Max	1.7305	0	8.4252	0	5.1386	0	5.664
NE+3.30	B23	23	DISY-COMB Max	2.4832	0	8.4252	0	5.1386	0	1.2456
NE+3.30	B23	23	DISY-COMB Max	2.91	0	8.4252	0	5.1386	0	4.4696
NE+3.30	B23	23	DISY-COMB Max	2.91	0	0.4975	0	0.552	0	5.2006
NE+3.30	B23	23	DISY-COMB Max	3.2359	0	0.4975	0	0.552	0	5.196
NE+3.30	B23	23	DISY-COMB Max	3.9886	0	0.4975	0	0.552	0	5.2048
NE+3.30	B23	23	DISY-COMB Max	4.7414	0	0.4975	0	0.552	0	5.2404
NE+3.30	B23	23	DISY-COMB Max	5.4941	0	0.4975	0	0.552	0	5.3023
NE+3.30	B23	23	DISY-COMB Max	5.82	0	0.4975	0	0.552	0	5.337
NE+3.30	B23	23	DISY-COMB Max	5.82	0	4.4029	0	6.6249	0	4.3789
NE+3.30	B23	23	DISY-COMB Max	6.2468	0	4.4029	0	6.6249	0	3.3098
NE+3.30	B23	23	DISY-COMB Max	6.9995	0	4.4029	0	6.6249	0	3.6973
NE+3.30	B23	23	DISY-COMB Max	7.7523	0	4.4029	0	6.6249	0	6.193
NE+3.30	B23	23	DISY-COMB Max	8.505	0	4.4029	0	6.6249	0	9.2198
NE+3.30	B23	23	B241	0.225	0	-30.0067	0	2.8805	0	-32.778
NE+3.30	B23	23	B241	0.9777	0	-22.7517	0	2.8805	0	-12.6422
NE+3.30	B23	23	B241	1.7305	0	-13.8817	0	2.8805	0	1.1453
NE+3.30	B23	23	B241	2.4832	0	-5.7348	0	2.8805	0	8.3545
NE+3.30	B23	23	B241	2.91	0	-3.0081	0	2.8805	0	10.164
NE+3.30	B23	23	B241	2.91	0	-13.2205	0	0.0251	0	10.4516
NE+3.30	B23	23	B241	3.2359	0	-11.2812	0	0.0251	0	14.4693
NE+3.30	B23	23	B241	3.9886	0	-3.5361	0	0.0251	0	20.2785
NE+3.30	B23	23	B241	4.7414	0	5.3339	0	0.0251	0	19.6018
NE+3.30	B23	23	B241	5.4941	0	13.0791	0	0.0251	0	12.4393
NE+3.30	B23	23	B241	5.82	0	15.0184	0	0.0251	0	7.8357
NE+3.30	B23	23	B241	5.82	0	5.3763	0	-2.9378	0	12.8256
NE+3.30	B23	23	B241	6.2468	0	8.103	0	-2.9378	0	10.0052
NE+3.30	B23	23	B241	6.9995	0	16.2499	0	-2.9378	0	1.0134
NE+3.30	B23	23	B241	7.7523	0	25.1199	0	-2.9378	0	-14.5567
NE+3.30	B23	23	B241	8.505	0	32.375	0	-2.9378	0	-36.4751
NE+3.30	B23	23	B242	0.225	0	-45.6848	0	7.7406	0	-52.4466
NE+3.30	B23	23	B242	0.9777	0	-35.9263	0	7.7406	0	-21.2341
NE+3.30	B23	23	B242	1.7305	0	-23.2953	0	7.7406	0	1.0548
NE+3.30	B23	23	B242	2.4832	0	-11.9504	0	7.7406	0	14.0109
NE+3.30	B23	23	B242	2.91	0	-8.8846	0	7.7406	0	18.3572
NE+3.30	B23	23	B242	2.91	0	-17.8165	0	0.0006	0	18.6953
NE+3.30	B23	23	B242	3.2359	0	-15.7293	0	0.0006	0	24.2063

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B23	23	B242	3.9886	0	-5.0991	0	0.0006	0	32.4588
NE+3.30	B23	23	B242	4.7414	0	7.532	0	0.0006	0	31.5432
NE+3.30	B23	23	B242	5.4941	0	18.1622	0	0.0006	0	21.4593
NE+3.30	B23	23	B242	5.82	0	20.2494	0	0.0006	0	15.1554
NE+3.30	B23	23	B242	5.82	0	12.9116	0	-7.6401	0	22.7738
NE+3.30	B23	23	B242	6.2468	0	15.9774	0	-7.6401	0	16.7086
NE+3.30	B23	23	B242	6.9995	0	27.3222	0	-7.6401	0	0.7213
NE+3.30	B23	23	B242	7.7523	0	39.9533	0	-7.6401	0	-24.5988
NE+3.30	B23	23	B242	8.505	0	49.7118	0	-7.6401	0	-58.8425
NE+3.30	B24	24	Pprop	0.225	0	-8.8439	0	-0.1393	0	-9.0255
NE+3.30	B24	24	Pprop	0.9777	0	-6.2099	0	-0.1393	0	-3.3597
NE+3.30	B24	24	Pprop	1.7305	0	-3.576	0	-0.1393	0	0.3233
NE+3.30	B24	24	Pprop	2.4832	0	-0.9421	0	-0.1393	0	2.0237
NE+3.30	B24	24	Pprop	2.91	0	0.5515	0	-0.1393	0	2.1071
NE+3.30	B24	24	Pprop	2.91	0	-5.2615	0	-0.0118	0	1.2596
NE+3.30	B24	24	Pprop	3.2359	0	-4.1211	0	-0.0118	0	2.7885
NE+3.30	B24	24	Pprop	3.9886	0	-1.4872	0	-0.0118	0	4.8993
NE+3.30	B24	24	Pprop	4.7414	0	1.1468	0	-0.0118	0	5.0274
NE+3.30	B24	24	Pprop	5.4941	0	3.7807	0	-0.0118	0	3.1729
NE+3.30	B24	24	Pprop	5.82	0	4.9211	0	-0.0118	0	1.7549
NE+3.30	B24	24	Pprop	5.82	0	-1.1116	0	0.157	0	1.6718
NE+3.30	B24	24	Pprop	6.2468	0	0.382	0	0.157	0	1.8275
NE+3.30	B24	24	Pprop	6.9995	0	3.0159	0	0.157	0	0.5486
NE+3.30	B24	24	Pprop	7.7523	0	5.6498	0	0.157	0	-2.7128
NE+3.30	B24	24	Pprop	8.505	0	8.2838	0	0.157	0	-7.9569
NE+3.30	B24	24	Viva	0.225	0	-13.5526	0	3.1814	0	-17.2058
NE+3.30	B24	24	Viva	0.9777	0	-11.3402	0	3.1814	0	-7.6761
NE+3.30	B24	24	Viva	1.7305	0	-8.1975	0	3.1814	0	-0.3228
NE+3.30	B24	24	Viva	2.4832	0	-5.4714	0	3.1814	0	4.7216
NE+3.30	B24	24	Viva	2.91	0	-5.016	0	3.1814	0	6.9273
NE+3.30	B24	24	Viva	2.91	0	-4.7996	0	-0.014	0	5.0788
NE+3.30	B24	24	Viva	3.2359	0	-4.534	0	-0.014	0	6.6142
NE+3.30	B24	24	Viva	3.9886	0	-2.0393	0	-0.014	0	9.222
NE+3.30	B24	24	Viva	4.7414	0	1.1033	0	-0.014	0	9.5743
NE+3.30	B24	24	Viva	5.4941	0	3.598	0	-0.014	0	7.671
NE+3.30	B24	24	Viva	5.82	0	3.8636	0	-0.014	0	6.4407
NE+3.30	B24	24	Viva	5.82	0	4.3651	0	-3.2322	0	6.3605
NE+3.30	B24	24	Viva	6.2468	0	4.8205	0	-3.2322	0	4.4326
NE+3.30	B24	24	Viva	6.9995	0	7.5466	0	-3.2322	0	-0.1218
NE+3.30	B24	24	Viva	7.7523	0	10.6892	0	-3.2322	0	-6.9851
NE+3.30	B24	24	Viva	8.505	0	12.9016	0	-3.2322	0	-16.0249
NE+3.30	B24	24	Psup	0.225	0	-16.4146	0	2.2986	0	-20.0889
NE+3.30	B24	24	Psup	0.9777	0	-13.4518	0	2.2986	0	-8.6327
NE+3.30	B24	24	Psup	1.7305	0	-9.2432	0	2.2986	0	-0.0911
NE+3.30	B24	24	Psup	2.4832	0	-5.5924	0	2.2986	0	5.3584

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B24	24	Psup	2.91	0	-4.9825	0	2.2986	0	7.5718
NE+3.30	B24	24	Psup	2.91	0	-6.3797	0	-0.0525	0	5.0709
NE+3.30	B24	24	Psup	3.2359	0	-6.0241	0	-0.0525	0	7.1115
NE+3.30	B24	24	Psup	3.9886	0	-2.6832	0	-0.0525	0	10.5679
NE+3.30	B24	24	Psup	4.7414	0	1.5255	0	-0.0525	0	11.0036
NE+3.30	B24	24	Psup	5.4941	0	4.8664	0	-0.0525	0	8.4187
NE+3.30	B24	24	Psup	5.82	0	5.222	0	-0.0525	0	6.7554
NE+3.30	B24	24	Psup	5.82	0	3.8707	0	-2.3453	0	6.818
NE+3.30	B24	24	Psup	6.2468	0	4.4807	0	-2.3453	0	5.0791
NE+3.30	B24	24	Psup	6.9995	0	8.1315	0	-2.3453	0	0.4665
NE+3.30	B24	24	Psup	7.7523	0	12.3401	0	-2.3453	0	-7.2383
NE+3.30	B24	24	Psup	8.505	0	15.3029	0	-2.3453	0	-17.8577
NE+3.30	B24	24	Viva.cub	0.225	0	-0.0511	0	0.0366	0	-0.1082
NE+3.30	B24	24	Viva.cub	0.9777	0	-0.0511	0	0.0366	0	-0.0698
NE+3.30	B24	24	Viva.cub	1.7305	0	-0.0511	0	0.0366	0	-0.0314
NE+3.30	B24	24	Viva.cub	2.4832	0	-0.0511	0	0.0366	0	0.0071
NE+3.30	B24	24	Viva.cub	2.91	0	-0.0511	0	0.0366	0	0.0289
NE+3.30	B24	24	Viva.cub	2.91	0	0.012	0	-0.0015	0	0.0435
NE+3.30	B24	24	Viva.cub	3.2359	0	0.012	0	-0.0015	0	0.0396
NE+3.30	B24	24	Viva.cub	3.9886	0	0.012	0	-0.0015	0	0.0305
NE+3.30	B24	24	Viva.cub	4.7414	0	0.012	0	-0.0015	0	0.0215
NE+3.30	B24	24	Viva.cub	5.4941	0	0.012	0	-0.0015	0	0.0124
NE+3.30	B24	24	Viva.cub	5.82	0	0.012	0	-0.0015	0	0.0085
NE+3.30	B24	24	Viva.cub	5.82	0	-0.0036	0	-0.0344	0	0.0121
NE+3.30	B24	24	Viva.cub	6.2468	0	-0.0036	0	-0.0344	0	0.0136
NE+3.30	B24	24	Viva.cub	6.9995	0	-0.0036	0	-0.0344	0	0.0163
NE+3.30	B24	24	Viva.cub	7.7523	0	-0.0036	0	-0.0344	0	0.019
NE+3.30	B24	24	Viva.cub	8.505	0	-0.0036	0	-0.0344	0	0.0217
NE+3.30	B24	24	DISX-COMB Max	0.225	0	27.8382	0	0.9427	0	63.1144
NE+3.30	B24	24	DISX-COMB Max	0.9777	0	27.8382	0	0.9427	0	42.1606
NE+3.30	B24	24	DISX-COMB Max	1.7305	0	27.8382	0	0.9427	0	21.2085
NE+3.30	B24	24	DISX-COMB Max	2.4832	0	27.8382	0	0.9427	0	0.5206
NE+3.30	B24	24	DISX-COMB Max	2.91	0	27.8382	0	0.9427	0	11.6419
NE+3.30	B24	24	DISX-COMB Max	2.91	0	6.3086	0	0.842	0	8.1533
NE+3.30	B24	24	DISX-COMB Max	3.2359	0	6.3086	0	0.842	0	6.1089
NE+3.30	B24	24	DISX-COMB Max	3.9886	0	6.3086	0	0.842	0	1.5127
NE+3.30	B24	24	DISX-COMB Max	4.7414	0	6.3086	0	0.842	0	3.5153
NE+3.30	B24	24	DISX-COMB Max	5.4941	0	6.3086	0	0.842	0	8.2174
NE+3.30	B24	24	DISX-COMB Max	5.82	0	6.3086	0	0.842	0	10.2666
NE+3.30	B24	24	DISX-COMB Max	5.82	0	29.0472	0	1.6509	0	11.3148
NE+3.30	B24	24	DISX-COMB Max	6.2468	0	29.0472	0	1.6509	0	1.2177
NE+3.30	B24	24	DISX-COMB Max	6.9995	0	29.0472	0	1.6509	0	22.9663
NE+3.30	B24	24	DISX-COMB Max	7.7523	0	29.0472	0	1.6509	0	44.8279
NE+3.30	B24	24	DISX-COMB Max	8.505	0	29.0472	0	1.6509	0	66.6914
NE+3.30	B24	24	DISY-COMB Max	0.225	0	9.7837	0	5.9511	0	19.9947

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B24	24	DISY-COMB Max	0.9777	0	9.7837	0	5.9511	0	12.6541
NE+3.30	B24	24	DISY-COMB Max	1.7305	0	9.7837	0	5.9511	0	5.379
NE+3.30	B24	24	DISY-COMB Max	2.4832	0	9.7837	0	5.9511	0	2.4924
NE+3.30	B24	24	DISY-COMB Max	2.91	0	9.7837	0	5.9511	0	6.4435
NE+3.30	B24	24	DISY-COMB Max	2.91	0	0.9105	0	0.5944	0	7.6221
NE+3.30	B24	24	DISY-COMB Max	3.2359	0	0.9105	0	0.5944	0	7.3634
NE+3.30	B24	24	DISY-COMB Max	3.9886	0	0.9105	0	0.5944	0	6.7779
NE+3.30	B24	24	DISY-COMB Max	4.7414	0	0.9105	0	0.5944	0	6.2128
NE+3.30	B24	24	DISY-COMB Max	5.4941	0	0.9105	0	0.5944	0	5.6743
NE+3.30	B24	24	DISY-COMB Max	5.82	0	0.9105	0	0.5944	0	5.4514
NE+3.30	B24	24	DISY-COMB Max	5.82	0	4.3178	0	7.6727	0	4.198
NE+3.30	B24	24	DISY-COMB Max	6.2468	0	4.3178	0	7.6727	0	2.964
NE+3.30	B24	24	DISY-COMB Max	6.9995	0	4.3178	0	7.6727	0	3.1227
NE+3.30	B24	24	DISY-COMB Max	7.7523	0	4.3178	0	7.6727	0	5.643
NE+3.30	B24	24	DISY-COMB Max	8.505	0	4.3178	0	7.6727	0	8.6639
NE+3.30	B24	24	B241	0.225	0	-32.7425	0	2.7991	0	-37.7409
NE+3.30	B24	24	B241	0.9777	0	-25.4875	0	2.7991	0	-15.5458
NE+3.30	B24	24	B241	1.7305	0	-16.6175	0	2.7991	0	0.301
NE+3.30	B24	24	B241	2.4832	0	-8.4706	0	2.7991	0	9.5694
NE+3.30	B24	24	B241	2.91	0	-5.7439	0	2.7991	0	12.5467
NE+3.30	B24	24	B241	2.91	0	-15.0905	0	-0.0834	0	8.2062
NE+3.30	B24	24	B241	3.2359	0	-13.1512	0	-0.0834	0	12.8334
NE+3.30	B24	24	B241	3.9886	0	-5.406	0	-0.0834	0	20.0501
NE+3.30	B24	24	B241	4.7414	0	3.464	0	-0.0834	0	20.781
NE+3.30	B24	24	B241	5.4941	0	11.2092	0	-0.0834	0	15.0261
NE+3.30	B24	24	B241	5.82	0	13.1485	0	-0.0834	0	11.0318
NE+3.30	B24	24	B241	5.82	0	3.5767	0	-2.8366	0	11.0053
NE+3.30	B24	24	B241	6.2468	0	6.3034	0	-2.8366	0	8.953
NE+3.30	B24	24	B241	6.9995	0	14.4503	0	-2.8366	0	1.3159
NE+3.30	B24	24	B241	7.7523	0	23.3203	0	-2.8366	0	-12.8996
NE+3.30	B24	24	B241	8.505	0	30.5753	0	-2.8366	0	-33.4634
NE+3.30	B24	24	B242	0.225	0	-49.7746	0	7.5078	0	-59.9327
NE+3.30	B24	24	B242	0.9777	0	-40.0162	0	7.5078	0	-25.6416
NE+3.30	B24	24	B242	1.7305	0	-27.3851	0	7.5078	0	-0.2742
NE+3.30	B24	24	B242	2.4832	0	-16.0403	0	7.5078	0	15.7605
NE+3.30	B24	24	B242	2.91	0	-12.9745	0	7.5078	0	21.8524
NE+3.30	B24	24	B242	2.91	0	-20.608	0	-0.0946	0	15.1817
NE+3.30	B24	24	B242	3.2359	0	-18.5209	0	-0.0946	0	21.6025
NE+3.30	B24	24	B242	3.9886	0	-7.8906	0	-0.0946	0	31.9563
NE+3.30	B24	24	B242	4.7414	0	4.7404	0	-0.0946	0	33.1419
NE+3.30	B24	24	B242	5.4941	0	15.3707	0	-0.0946	0	25.1593
NE+3.30	B24	24	B242	5.82	0	17.4578	0	-0.0946	0	19.7652
NE+3.30	B24	24	B242	5.82	0	10.0481	0	-7.6201	0	19.6159
NE+3.30	B24	24	B242	6.2468	0	13.1139	0	-7.6201	0	14.773
NE+3.30	B24	24	B242	6.9995	0	24.4587	0	-7.6201	0	0.9411

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B24	24	B242	7.7523	0	37.0898	0	-7.6201	0	-22.2235
NE+3.30	B24	24	B242	8.505	0	46.8483	0	-7.6201	0	-54.3118
NE+3.30	B25	25	Pprop	0.225	0	-7.9138	0	-0.4083	0	-6.2357
NE+3.30	B25	25	Pprop	0.7241	0	-6.1674	0	-0.4083	0	-2.7218
NE+3.30	B25	25	Pprop	1.2232	0	-4.421	0	-0.4083	0	-0.0795
NE+3.30	B25	25	Pprop	1.7223	0	-2.6746	0	-0.4083	0	1.6912
NE+3.30	B25	25	Pprop	2.2214	0	-0.9282	0	-0.4083	0	2.5902
NE+3.30	B25	25	Pprop	2.7205	0	0.8182	0	-0.4083	0	2.6177
NE+3.30	B25	25	Pprop	2.97	0	1.6915	0	-0.4083	0	2.3045
NE+3.30	B25	25	Pprop	2.97	0	-2.228	0	0.427	0	1.7554
NE+3.30	B25	25	Pprop	3.2195	0	-1.3548	0	0.427	0	2.2024
NE+3.30	B25	25	Pprop	3.7186	0	0.3916	0	0.427	0	2.4428
NE+3.30	B25	25	Pprop	4.2177	0	2.138	0	0.427	0	1.8115
NE+3.30	B25	25	Pprop	4.7168	0	3.8844	0	0.427	0	0.3087
NE+3.30	B25	25	Pprop	5.2159	0	5.6309	0	0.427	0	-2.0658
NE+3.30	B25	25	Pprop	5.715	0	7.3773	0	0.427	0	-5.312
NE+3.30	B25	25	Viva	0.225	0	-12.1596	0	1.1489	0	-11.8518
NE+3.30	B25	25	Viva	0.7241	0	-10.9754	0	1.1489	0	-6.0268
NE+3.30	B25	25	Viva	1.2232	0	-8.9224	0	1.1489	0	-1.0548
NE+3.30	B25	25	Viva	1.7223	0	-6.8387	0	1.1489	0	2.8783
NE+3.30	B25	25	Viva	2.2214	0	-4.7737	0	1.1489	0	5.772
NE+3.30	B25	25	Viva	2.7205	0	-3.5282	0	1.1489	0	7.7919
NE+3.30	B25	25	Viva	2.97	0	-3.3725	0	1.1489	0	8.6465
NE+3.30	B25	25	Viva	2.97	0	2.5963	0	-1.1781	0	7.6278
NE+3.30	B25	25	Viva	3.2195	0	2.752	0	-1.1781	0	6.967
NE+3.30	B25	25	Viva	3.7186	0	3.9974	0	-1.1781	0	5.3345
NE+3.30	B25	25	Viva	4.2177	0	6.0625	0	-1.1781	0	2.8282
NE+3.30	B25	25	Viva	4.7168	0	8.1462	0	-1.1781	0	-0.7175
NE+3.30	B25	25	Viva	5.2159	0	10.1991	0	-1.1781	0	-5.3021
NE+3.30	B25	25	Viva	5.715	0	11.3833	0	-1.1781	0	-10.7397
NE+3.30	B25	25	Psup	0.225	0	-14.1693	0	0.7956	0	-13.5289
NE+3.30	B25	25	Psup	0.7241	0	-12.5834	0	0.7956	0	-6.7835
NE+3.30	B25	25	Psup	1.2232	0	-9.8341	0	0.7956	0	-1.1806
NE+3.30	B25	25	Psup	1.7223	0	-7.0436	0	0.7956	0	3.0312
NE+3.30	B25	25	Psup	2.2214	0	-4.2781	0	0.7956	0	5.8509
NE+3.30	B25	25	Psup	2.7205	0	-2.6102	0	0.7956	0	7.5005
NE+3.30	B25	25	Psup	2.97	0	-2.4017	0	0.7956	0	8.1171
NE+3.30	B25	25	Psup	2.97	0	1.1989	0	-0.7931	0	7.0197
NE+3.30	B25	25	Psup	3.2195	0	1.4074	0	-0.7931	0	6.7032
NE+3.30	B25	25	Psup	3.7186	0	3.0754	0	-0.7931	0	5.6539
NE+3.30	B25	25	Psup	4.2177	0	5.8409	0	-0.7931	0	3.4344
NE+3.30	B25	25	Psup	4.7168	0	8.6314	0	-0.7931	0	-0.1771
NE+3.30	B25	25	Psup	5.2159	0	11.3807	0	-0.7931	0	-5.1797
NE+3.30	B25	25	Psup	5.715	0	12.9666	0	-0.7931	0	-11.3249
NE+3.30	B25	25	Viva.cub	0.225	0	-0.0736	0	0.0331	0	-0.1325

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B25	25	Viva.cub	0.7241	0	-0.0736	0	0.0331	0	-0.0958
NE+3.30	B25	25	Viva.cub	1.2232	0	-0.0736	0	0.0331	0	-0.059
NE+3.30	B25	25	Viva.cub	1.7223	0	-0.0736	0	0.0331	0	-0.0223
NE+3.30	B25	25	Viva.cub	2.2214	0	-0.0736	0	0.0331	0	0.0145
NE+3.30	B25	25	Viva.cub	2.7205	0	-0.0736	0	0.0331	0	0.0513
NE+3.30	B25	25	Viva.cub	2.97	0	-0.0736	0	0.0331	0	0.0696
NE+3.30	B25	25	Viva.cub	2.97	0	0.0405	0	-0.0305	0	0.1043
NE+3.30	B25	25	Viva.cub	3.2195	0	0.0405	0	-0.0305	0	0.0942
NE+3.30	B25	25	Viva.cub	3.7186	0	0.0405	0	-0.0305	0	0.074
NE+3.30	B25	25	Viva.cub	4.2177	0	0.0405	0	-0.0305	0	0.0538
NE+3.30	B25	25	Viva.cub	4.7168	0	0.0405	0	-0.0305	0	0.0335
NE+3.30	B25	25	Viva.cub	5.2159	0	0.0405	0	-0.0305	0	0.0133
NE+3.30	B25	25	Viva.cub	5.715	0	0.0405	0	-0.0305	0	-0.0069
NE+3.30	B25	25	DISX-COMB Max	0.225	0	21.0202	0	0.7387	0	63.5292
NE+3.30	B25	25	DISX-COMB Max	0.7241	0	21.0202	0	0.7387	0	53.0607
NE+3.30	B25	25	DISX-COMB Max	1.2232	0	21.0202	0	0.7387	0	42.6033
NE+3.30	B25	25	DISX-COMB Max	1.7223	0	21.0202	0	0.7387	0	32.1678
NE+3.30	B25	25	DISX-COMB Max	2.2214	0	21.0202	0	0.7387	0	21.7855
NE+3.30	B25	25	DISX-COMB Max	2.7205	0	21.0202	0	0.7387	0	11.6006
NE+3.30	B25	25	DISX-COMB Max	2.97	0	21.0202	0	0.7387	0	6.8631
NE+3.30	B25	25	DISX-COMB Max	2.97	0	21.7671	0	2.1025	0	5.007
NE+3.30	B25	25	DISX-COMB Max	3.2195	0	21.7671	0	2.1025	0	9.9787
NE+3.30	B25	25	DISX-COMB Max	3.7186	0	21.7671	0	2.1025	0	20.6303
NE+3.30	B25	25	DISX-COMB Max	4.2177	0	21.7671	0	2.1025	0	31.4276
NE+3.30	B25	25	DISX-COMB Max	4.7168	0	21.7671	0	2.1025	0	42.2589
NE+3.30	B25	25	DISX-COMB Max	5.2159	0	21.7671	0	2.1025	0	53.1035
NE+3.30	B25	25	DISX-COMB Max	5.715	0	21.7671	0	2.1025	0	63.9546
NE+3.30	B25	25	DISY-COMB Max	0.225	0	13.104	0	5.9458	0	22.1021
NE+3.30	B25	25	DISY-COMB Max	0.7241	0	13.104	0	5.9458	0	15.6677
NE+3.30	B25	25	DISY-COMB Max	1.2232	0	13.104	0	5.9458	0	9.3808
NE+3.30	B25	25	DISY-COMB Max	1.7223	0	13.104	0	5.9458	0	4.0084
NE+3.30	B25	25	DISY-COMB Max	2.2214	0	13.104	0	5.9458	0	5.448
NE+3.30	B25	25	DISY-COMB Max	2.7205	0	13.104	0	5.9458	0	11.3508
NE+3.30	B25	25	DISY-COMB Max	2.97	0	13.104	0	5.9458	0	14.5086
NE+3.30	B25	25	DISY-COMB Max	2.97	0	7.7735	0	7.3097	0	16.3308
NE+3.30	B25	25	DISY-COMB Max	3.2195	0	7.7735	0	7.3097	0	14.525
NE+3.30	B25	25	DISY-COMB Max	3.7186	0	7.7735	0	7.3097	0	11.0508
NE+3.30	B25	25	DISY-COMB Max	4.2177	0	7.7735	0	7.3097	0	7.9603
NE+3.30	B25	25	DISY-COMB Max	4.7168	0	7.7735	0	7.3097	0	5.892
NE+3.30	B25	25	DISY-COMB Max	5.2159	0	7.7735	0	7.3097	0	6.0141
NE+3.30	B25	25	DISY-COMB Max	5.715	0	7.7735	0	7.3097	0	8.2297
NE+3.30	B25	25	B241	0.225	0	-28.6263	0	0.502	0	-25.6208
NE+3.30	B25	25	B241	0.7241	0	-24.3066	0	0.502	0	-12.3217
NE+3.30	B25	25	B241	1.2232	0	-18.4788	0	0.502	0	-1.6335
NE+3.30	B25	25	B241	1.7223	0	-12.5977	0	0.502	0	6.1215

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B25	25	B241	2.2214	0	-6.7488	0	0.502	0	10.9422
NE+3.30	B25	25	B241	2.7205	0	-2.3228	0	0.502	0	13.1161
NE+3.30	B25	25	B241	2.97	0	-0.9206	0	0.502	0	13.5096
NE+3.30	B25	25	B241	2.97	0	-1.334	0	-0.4746	0	11.3752
NE+3.30	B25	25	B241	3.2195	0	0.0682	0	-0.4746	0	11.5443
NE+3.30	B25	25	B241	3.7186	0	4.4942	0	-0.4746	0	10.4957
NE+3.30	B25	25	B241	4.2177	0	10.343	0	-0.4746	0	6.8003
NE+3.30	B25	25	B241	4.7168	0	16.2242	0	-0.4746	0	0.1706
NE+3.30	B25	25	B241	5.2159	0	22.052	0	-0.4746	0	-9.3924
NE+3.30	B25	25	B241	5.715	0	26.3717	0	-0.4746	0	-21.5663
NE+3.30	B25	25	B242	0.225	0	-44.029	0	2.2851	0	-40.9899
NE+3.30	B25	25	B242	0.7241	0	-38.4317	0	2.2851	0	-20.2522
NE+3.30	B25	25	B242	1.2232	0	-30.1517	0	2.2851	0	-3.1173
NE+3.30	B25	25	B242	1.7223	0	-21.7768	0	2.2851	0	9.8412
NE+3.30	B25	25	B242	2.2214	0	-13.4594	0	2.2851	0	18.6215
NE+3.30	B25	25	B242	2.7205	0	-7.673	0	2.2851	0	23.7351
NE+3.30	B25	25	B242	2.97	0	-6.222	0	2.2851	0	25.4488
NE+3.30	B25	25	B242	2.97	0	3.0309	0	-2.307	0	22.0068
NE+3.30	B25	25	B242	3.2195	0	4.4819	0	-2.307	0	21.0894
NE+3.30	B25	25	B242	3.7186	0	10.2683	0	-2.307	0	17.5685
NE+3.30	B25	25	B242	4.2177	0	18.5857	0	-2.307	0	10.3808
NE+3.30	B25	25	B242	4.7168	0	26.9606	0	-2.307	0	-0.9851
NE+3.30	B25	25	B242	5.2159	0	35.2406	0	-2.307	0	-16.5273
NE+3.30	B25	25	B242	5.715	0	40.8379	0	-2.307	0	-35.6723
NE+3.30	B26	26	Pprop	0.225	0	-8.8601	0	-0.3953	0	-7.7972
NE+3.30	B26	26	Pprop	0.8068	0	-6.8242	0	-0.3953	0	-3.2345
NE+3.30	B26	26	Pprop	1.3886	0	-4.7883	0	-0.3953	0	0.1437
NE+3.30	B26	26	Pprop	1.9705	0	-2.7524	0	-0.3953	0	2.3374
NE+3.30	B26	26	Pprop	2.28	0	-1.6692	0	-0.3953	0	3.0217
NE+3.30	B26	26	Pprop	2.28	0	-4.1917	0	0.1301	0	2.1376
NE+3.30	B26	26	Pprop	2.5523	0	-3.2389	0	0.1301	0	3.1492
NE+3.30	B26	26	Pprop	3.1341	0	-1.203	0	0.1301	0	4.4414
NE+3.30	B26	26	Pprop	3.7159	0	0.8329	0	0.1301	0	4.5491
NE+3.30	B26	26	Pprop	4.2977	0	2.8688	0	0.1301	0	3.4723
NE+3.30	B26	26	Pprop	4.57	0	3.8215	0	0.1301	0	2.5615
NE+3.30	B26	26	Pprop	4.57	0	-0.4863	0	0.5544	0	2.0405
NE+3.30	B26	26	Pprop	4.8795	0	0.5969	0	0.5544	0	2.0234
NE+3.30	B26	26	Pprop	5.4614	0	2.6328	0	0.5544	0	1.0839
NE+3.30	B26	26	Pprop	6.0432	0	4.6687	0	0.5544	0	-1.0402
NE+3.30	B26	26	Pprop	6.625	0	6.7046	0	0.5544	0	-4.3487
NE+3.30	B26	26	Viva	0.225	0	-13.9038	0	1.8047	0	-14.5903
NE+3.30	B26	26	Viva	0.8068	0	-12.4029	0	1.8047	0	-6.8553
NE+3.30	B26	26	Viva	1.3886	0	-9.9758	0	1.8047	0	-0.3446
NE+3.30	B26	26	Viva	1.9705	0	-8.237	0	1.8047	0	4.8738
NE+3.30	B26	26	Viva	2.28	0	-7.9974	0	1.8047	0	7.374

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B26	26	Viva	2.28	0	-3.2316	0	0.1632	0	6.0648
NE+3.30	B26	26	Viva	2.5523	0	-3.0463	0	0.1632	0	6.9278
NE+3.30	B26	26	Viva	3.1341	0	-1.4088	0	0.1632	0	8.3056
NE+3.30	B26	26	Viva	3.7159	0	1.0203	0	0.1632	0	8.4187
NE+3.30	B26	26	Viva	4.2977	0	2.6577	0	0.1632	0	7.2669
NE+3.30	B26	26	Viva	4.57	0	2.843	0	0.1632	0	6.5097
NE+3.30	B26	26	Viva	4.57	0	4.5594	0	-1.8032	0	5.7208
NE+3.30	B26	26	Viva	4.8795	0	4.7989	0	-1.8032	0	4.2848
NE+3.30	B26	26	Viva	5.4614	0	6.5377	0	-1.8032	0	1.0667
NE+3.30	B26	26	Viva	6.0432	0	8.9648	0	-1.8032	0	-3.4437
NE+3.30	B26	26	Viva	6.625	0	10.4657	0	-1.8032	0	-9.1783
NE+3.30	B26	26	Psup	0.225	0	-16.1954	0	1.3474	0	-16.4821
NE+3.30	B26	26	Psup	0.8068	0	-14.1855	0	1.3474	0	-7.5342
NE+3.30	B26	26	Psup	1.3886	0	-10.9351	0	1.3474	0	-0.2256
NE+3.30	B26	26	Psup	1.9705	0	-8.6065	0	1.3474	0	5.3522
NE+3.30	B26	26	Psup	2.28	0	-8.2857	0	1.3474	0	7.9501
NE+3.30	B26	26	Psup	2.28	0	-4.6556	0	0.2093	0	5.7549
NE+3.30	B26	26	Psup	2.5523	0	-4.4074	0	0.2093	0	7
NE+3.30	B26	26	Psup	3.1341	0	-2.2145	0	0.2093	0	9.0359
NE+3.30	B26	26	Psup	3.7159	0	1.0385	0	0.2093	0	9.378
NE+3.30	B26	26	Psup	4.2977	0	3.2314	0	0.2093	0	8.0263
NE+3.30	B26	26	Psup	4.57	0	3.4795	0	0.2093	0	7.1015
NE+3.30	B26	26	Psup	4.57	0	4.1735	0	-1.2844	0	6.2834
NE+3.30	B26	26	Psup	4.8795	0	4.4943	0	-1.2844	0	4.9584
NE+3.30	B26	26	Psup	5.4614	0	6.823	0	-1.2844	0	1.7731
NE+3.30	B26	26	Psup	6.0432	0	10.0734	0	-1.2844	0	-3.143
NE+3.30	B26	26	Psup	6.625	0	12.0833	0	-1.2844	0	-9.6984
NE+3.30	B26	26	Viva.cub	0.225	0	-0.1405	0	0.0567	0	-0.2152
NE+3.30	B26	26	Viva.cub	0.8068	0	-0.1405	0	0.0567	0	-0.1335
NE+3.30	B26	26	Viva.cub	1.3886	0	-0.1405	0	0.0567	0	-0.0517
NE+3.30	B26	26	Viva.cub	1.9705	0	-0.1405	0	0.0567	0	0.0301
NE+3.30	B26	26	Viva.cub	2.28	0	-0.1405	0	0.0567	0	0.0736
NE+3.30	B26	26	Viva.cub	2.28	0	-0.0066	0	0.004	0	0.0764
NE+3.30	B26	26	Viva.cub	2.5523	0	-0.0066	0	0.004	0	0.0782
NE+3.30	B26	26	Viva.cub	3.1341	0	-0.0066	0	0.004	0	0.082
NE+3.30	B26	26	Viva.cub	3.7159	0	-0.0066	0	0.004	0	0.0858
NE+3.30	B26	26	Viva.cub	4.2977	0	-0.0066	0	0.004	0	0.0897
NE+3.30	B26	26	Viva.cub	4.57	0	-0.0066	0	0.004	0	0.0915
NE+3.30	B26	26	Viva.cub	4.57	0	-0.0018	0	-0.0595	0	0.0356
NE+3.30	B26	26	Viva.cub	4.8795	0	-0.0018	0	-0.0595	0	0.0361
NE+3.30	B26	26	Viva.cub	5.4614	0	-0.0018	0	-0.0595	0	0.0372
NE+3.30	B26	26	Viva.cub	6.0432	0	-0.0018	0	-0.0595	0	0.0382
NE+3.30	B26	26	Viva.cub	6.625	0	-0.0018	0	-0.0595	0	0.0392
NE+3.30	B26	26	DISX-COMB Max	0.225	0	41.6597	0	2.6996	0	76.0965
NE+3.30	B26	26	DISX-COMB Max	0.8068	0	41.6597	0	2.6996	0	51.8637

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B26	26	DISX-COMB Max	1.3886	0	41.6597	0	2.6996	0	27.6408
NE+3.30	B26	26	DISX-COMB Max	1.9705	0	41.6597	0	2.6996	0	3.6305
NE+3.30	B26	26	DISX-COMB Max	2.28	0	41.6597	0	2.6996	0	9.6216
NE+3.30	B26	26	DISX-COMB Max	2.28	0	4.5647	0	1.2536	0	3.7401
NE+3.30	B26	26	DISX-COMB Max	2.5523	0	4.5647	0	1.2536	0	2.8336
NE+3.30	B26	26	DISX-COMB Max	3.1341	0	4.5647	0	1.2536	0	2.3769
NE+3.30	B26	26	DISX-COMB Max	3.7159	0	4.5647	0	1.2536	0	4.1685
NE+3.30	B26	26	DISX-COMB Max	4.2977	0	4.5647	0	1.2536	0	6.5735
NE+3.30	B26	26	DISX-COMB Max	4.57	0	4.5647	0	1.2536	0	7.7554
NE+3.30	B26	26	DISX-COMB Max	4.57	0	53.2022	0	4.2263	0	11.9274
NE+3.30	B26	26	DISX-COMB Max	4.8795	0	53.2022	0	4.2263	0	5.2439
NE+3.30	B26	26	DISX-COMB Max	5.4614	0	53.2022	0	4.2263	0	35.7729
NE+3.30	B26	26	DISX-COMB Max	6.0432	0	53.2022	0	4.2263	0	66.6949
NE+3.30	B26	26	DISX-COMB Max	6.625	0	53.2022	0	4.2263	0	97.6372
NE+3.30	B26	26	DISY-COMB Max	0.225	0	18.7172	0	9.8228	0	30.0657
NE+3.30	B26	26	DISY-COMB Max	0.8068	0	18.7172	0	9.8228	0	19.1908
NE+3.30	B26	26	DISY-COMB Max	1.3886	0	18.7172	0	9.8228	0	8.355
NE+3.30	B26	26	DISY-COMB Max	1.9705	0	18.7172	0	9.8228	0	2.9177
NE+3.30	B26	26	DISY-COMB Max	2.28	0	18.7172	0	9.8228	0	8.5186
NE+3.30	B26	26	DISY-COMB Max	2.28	0	0.272	0	0.5692	0	11.1063
NE+3.30	B26	26	DISY-COMB Max	2.5523	0	0.272	0	0.5692	0	11.1207
NE+3.30	B26	26	DISY-COMB Max	3.1341	0	0.272	0	0.5692	0	11.1531
NE+3.30	B26	26	DISY-COMB Max	3.7159	0	0.272	0	0.5692	0	11.1877
NE+3.30	B26	26	DISY-COMB Max	4.2977	0	0.272	0	0.5692	0	11.2244
NE+3.30	B26	26	DISY-COMB Max	4.57	0	0.272	0	0.5692	0	11.2423
NE+3.30	B26	26	DISY-COMB Max	4.57	0	7.2621	0	12.1249	0	10.5142
NE+3.30	B26	26	DISY-COMB Max	4.8795	0	7.2621	0	12.1249	0	9.0074
NE+3.30	B26	26	DISY-COMB Max	5.4614	0	7.2621	0	12.1249	0	7.2934
NE+3.30	B26	26	DISY-COMB Max	6.0432	0	7.2621	0	12.1249	0	7.8077
NE+3.30	B26	26	DISY-COMB Max	6.625	0	7.2621	0	12.1249	0	10.2192
NE+3.30	B26	26	B241	0.225	0	-32.4793	0	1.2343	0	-31.4732
NE+3.30	B26	26	B241	0.8068	0	-27.2348	0	1.2343	0	-13.9593
NE+3.30	B26	26	B241	1.3886	0	-20.3822	0	1.2343	0	-0.1062
NE+3.30	B26	26	B241	1.9705	0	-14.7244	0	1.2343	0	9.9679
NE+3.30	B26	26	B241	2.28	0	-12.9045	0	1.2343	0	14.2227
NE+3.30	B26	26	B241	2.28	0	-11.4687	0	0.44	0	10.2311
NE+3.30	B26	26	B241	2.5523	0	-9.9119	0	0.44	0	13.1563
NE+3.30	B26	26	B241	3.1341	0	-4.4302	0	0.44	0	17.4706
NE+3.30	B26	26	B241	3.7159	0	2.4258	0	0.44	0	18.0537
NE+3.30	B26	26	B241	4.2977	0	7.9075	0	0.44	0	14.9056
NE+3.30	B26	26	B241	4.57	0	9.4643	0	0.44	0	12.5261
NE+3.30	B26	26	B241	4.57	0	4.7798	0	-0.9464	0	10.7903
NE+3.30	B26	26	B241	4.8795	0	6.5997	0	-0.9464	0	9.0505
NE+3.30	B26	26	B241	5.4614	0	12.2575	0	-0.9464	0	3.7035
NE+3.30	B26	26	B241	6.0432	0	19.1101	0	-0.9464	0	-5.4226

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B26	26	B241	6.625	0	24.3546	0	-0.9464	0	-18.2093
NE+3.30	B26	26	B242	0.225	0	-50.1557	0	3.9738	0	-50.429
NE+3.30	B26	26	B242	0.8068	0	-43.259	0	3.9738	0	-23.0004
NE+3.30	B26	26	B242	1.3886	0	-33.502	0	3.9738	0	-0.6682
NE+3.30	B26	26	B242	1.9705	0	-25.8704	0	3.9738	0	16.357
NE+3.30	B26	26	B242	2.28	0	-23.9272	0	3.9738	0	24.0261
NE+3.30	B26	26	B242	2.28	0	-15.0041	0	0.6403	0	18.5113
NE+3.30	B26	26	B242	2.5523	0	-13.3732	0	0.6403	0	22.4005
NE+3.30	B26	26	B242	3.1341	0	-6.0547	0	0.6403	0	28.3048
NE+3.30	B26	26	B242	3.7159	0	3.7084	0	0.6403	0	28.9874
NE+3.30	B26	26	B242	4.2977	0	11.0269	0	0.6403	0	24.4481
NE+3.30	B26	26	B242	4.57	0	12.6578	0	0.6403	0	21.1978
NE+3.30	B26	26	B242	4.57	0	11.391	0	-3.7261	0	18.4199
NE+3.30	B26	26	B242	4.8795	0	13.3343	0	-3.7261	0	14.6313
NE+3.30	B26	26	B242	5.4614	0	20.9659	0	-3.7261	0	4.8998
NE+3.30	B26	26	B242	6.0432	0	30.7229	0	-3.7261	0	-10.1387
NE+3.30	B26	26	B242	6.625	0	37.6196	0	-3.7261	0	-30.2736
NE+3.30	B27	27	Pprop	0.325	0	-8.2232	0	0.7131	0	-7.9177
NE+3.30	B27	27	Pprop	0.4473	0	-7.7954	0	0.7131	0	-6.9384
NE+3.30	B27	27	Pprop	0.5695	0	-7.3675	0	0.7131	0	-6.0114
NE+3.30	B27	27	Pprop	0.6918	0	-6.9397	0	0.7131	0	-5.1367
NE+3.30	B27	27	Pprop	0.8141	0	-6.5118	0	0.7131	0	-4.3143
NE+3.30	B27	27	Pprop	0.9364	0	-6.0839	0	0.7131	0	-3.5442
NE+3.30	B27	27	Pprop	1.0586	0	-5.6561	0	0.7131	0	-2.8265
NE+3.30	B27	27	Pprop	1.1809	0	-5.2282	0	0.7131	0	-2.1611
NE+3.30	B27	27	Pprop	1.3032	0	-4.8004	0	0.7131	0	-1.5479
NE+3.30	B27	27	Pprop	1.4255	0	-4.3725	0	0.7131	0	-0.9871
NE+3.30	B27	27	Pprop	1.5477	0	-3.9447	0	0.7131	0	-0.4787
NE+3.30	B27	27	Pprop	1.67	0	-3.5168	0	0.7131	0	-0.0225
NE+3.30	B27	27	Viva	0.325	0	-6.8827	0	0.6052	0	-6.6582
NE+3.30	B27	27	Viva	0.4473	0	-6.6466	0	0.6052	0	-5.8303
NE+3.30	B27	27	Viva	0.5695	0	-6.3358	0	0.6052	0	-5.0358
NE+3.30	B27	27	Viva	0.6918	0	-5.9502	0	0.6052	0	-4.284
NE+3.30	B27	27	Viva	0.8141	0	-5.4899	0	0.6052	0	-3.5838
NE+3.30	B27	27	Viva	0.9364	0	-5.0062	0	0.6052	0	-2.9428
NE+3.30	B27	27	Viva	1.0586	0	-4.595	0	0.6052	0	-2.3565
NE+3.30	B27	27	Viva	1.1809	0	-4.2586	0	0.6052	0	-1.816
NE+3.30	B27	27	Viva	1.3032	0	-3.997	0	0.6052	0	-1.3121
NE+3.30	B27	27	Viva	1.4255	0	-3.8101	0	0.6052	0	-0.8355
NE+3.30	B27	27	Viva	1.5477	0	-3.698	0	0.6052	0	-0.3773
NE+3.30	B27	27	Viva	1.67	0	-3.6606	0	0.6052	0	0.0718
NE+3.30	B27	27	Psup	0.325	0	-9.1851	0	0.8877	0	-8.8795
NE+3.30	B27	27	Psup	0.4473	0	-8.869	0	0.8877	0	-7.7747
NE+3.30	B27	27	Psup	0.5695	0	-8.4527	0	0.8877	0	-6.7147
NE+3.30	B27	27	Psup	0.6918	0	-7.9364	0	0.8877	0	-5.7117

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B27	27	Psup	0.8141	0	-7.3199	0	0.8877	0	-4.7779
NE+3.30	B27	27	Psup	0.9364	0	-6.6721	0	0.8877	0	-3.9234
NE+3.30	B27	27	Psup	1.0586	0	-6.1215	0	0.8877	0	-3.1423
NE+3.30	B27	27	Psup	1.1809	0	-5.671	0	0.8877	0	-2.4223
NE+3.30	B27	27	Psup	1.3032	0	-5.3206	0	0.8877	0	-1.7513
NE+3.30	B27	27	Psup	1.4255	0	-5.0704	0	0.8877	0	-1.1171
NE+3.30	B27	27	Psup	1.5477	0	-4.9202	0	0.8877	0	-0.5073
NE+3.30	B27	27	Psup	1.67	0	-4.8702	0	0.8877	0	0.0902
NE+3.30	B27	27	Viva.cub	0.325	0	0.0042	0	0.0018	0	0.016
NE+3.30	B27	27	Viva.cub	0.4473	0	0.0042	0	0.0018	0	0.0155
NE+3.30	B27	27	Viva.cub	0.5695	0	0.0042	0	0.0018	0	0.015
NE+3.30	B27	27	Viva.cub	0.6918	0	0.0042	0	0.0018	0	0.0145
NE+3.30	B27	27	Viva.cub	0.8141	0	0.0042	0	0.0018	0	0.014
NE+3.30	B27	27	Viva.cub	0.9364	0	0.0042	0	0.0018	0	0.0135
NE+3.30	B27	27	Viva.cub	1.0586	0	0.0042	0	0.0018	0	0.0129
NE+3.30	B27	27	Viva.cub	1.1809	0	0.0042	0	0.0018	0	0.0124
NE+3.30	B27	27	Viva.cub	1.3032	0	0.0042	0	0.0018	0	0.0119
NE+3.30	B27	27	Viva.cub	1.4255	0	0.0042	0	0.0018	0	0.0114
NE+3.30	B27	27	Viva.cub	1.5477	0	0.0042	0	0.0018	0	0.0109
NE+3.30	B27	27	Viva.cub	1.67	0	0.0042	0	0.0018	0	0.0104
NE+3.30	B27	27	DISX-COMB Max	0.325	0	4.983	0	16.1009	0	6.1864
NE+3.30	B27	27	DISX-COMB Max	0.4473	0	4.983	0	16.1009	0	5.5802
NE+3.30	B27	27	DISX-COMB Max	0.5695	0	4.983	0	16.1009	0	4.9746
NE+3.30	B27	27	DISX-COMB Max	0.6918	0	4.983	0	16.1009	0	4.3701
NE+3.30	B27	27	DISX-COMB Max	0.8141	0	4.983	0	16.1009	0	3.7671
NE+3.30	B27	27	DISX-COMB Max	0.9364	0	4.983	0	16.1009	0	3.1665
NE+3.30	B27	27	DISX-COMB Max	1.0586	0	4.983	0	16.1009	0	2.5701
NE+3.30	B27	27	DISX-COMB Max	1.1809	0	4.983	0	16.1009	0	1.9814
NE+3.30	B27	27	DISX-COMB Max	1.3032	0	4.983	0	16.1009	0	1.4104
NE+3.30	B27	27	DISX-COMB Max	1.4255	0	4.983	0	16.1009	0	0.8916
NE+3.30	B27	27	DISX-COMB Max	1.5477	0	4.983	0	16.1009	0	0.5858
NE+3.30	B27	27	DISX-COMB Max	1.67	0	4.983	0	16.1009	0	0.7961
NE+3.30	B27	27	DISY-COMB Max	0.325	0	4.1757	0	3.4941	0	6.0893
NE+3.30	B27	27	DISY-COMB Max	0.4473	0	4.1757	0	3.4941	0	5.5788
NE+3.30	B27	27	DISY-COMB Max	0.5695	0	4.1757	0	3.4941	0	5.0682
NE+3.30	B27	27	DISY-COMB Max	0.6918	0	4.1757	0	3.4941	0	4.5577
NE+3.30	B27	27	DISY-COMB Max	0.8141	0	4.1757	0	3.4941	0	4.0472
NE+3.30	B27	27	DISY-COMB Max	0.9364	0	4.1757	0	3.4941	0	3.5367
NE+3.30	B27	27	DISY-COMB Max	1.0586	0	4.1757	0	3.4941	0	3.0263
NE+3.30	B27	27	DISY-COMB Max	1.1809	0	4.1757	0	3.4941	0	2.5159
NE+3.30	B27	27	DISY-COMB Max	1.3032	0	4.1757	0	3.4941	0	2.0056
NE+3.30	B27	27	DISY-COMB Max	1.4255	0	4.1757	0	3.4941	0	1.4954
NE+3.30	B27	27	DISY-COMB Max	1.5477	0	4.1757	0	3.4941	0	0.9858
NE+3.30	B27	27	DISY-COMB Max	1.67	0	4.1757	0	3.4941	0	0.478
NE+3.30	B27	27	B241	0.325	0	-22.5664	0	2.075	0	-21.7741

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B27	27	B241	0.4473	0	-21.602	0	2.075	0	-19.0725
NE+3.30	B27	27	B241	0.5695	0	-20.5077	0	2.075	0	-16.4967
NE+3.30	B27	27	B241	0.6918	0	-19.2838	0	2.075	0	-14.0627
NE+3.30	B27	27	B241	0.8141	0	-17.93	0	2.075	0	-11.7862
NE+3.30	B27	27	B241	0.9364	0	-16.5356	0	2.075	0	-9.6802
NE+3.30	B27	27	B241	1.0586	0	-15.2673	0	2.075	0	-7.7373
NE+3.30	B27	27	B241	1.1809	0	-14.1287	0	2.075	0	-5.9414
NE+3.30	B27	27	B241	1.3032	0	-13.1198	0	2.075	0	-4.2769
NE+3.30	B27	27	B241	1.4255	0	-12.2408	0	2.075	0	-2.7277
NE+3.30	B27	27	B241	1.5477	0	-11.4915	0	2.075	0	-1.2781
NE+3.30	B27	27	B241	1.67	0	-10.872	0	2.075	0	0.0878
NE+3.30	B27	27	B242	0.325	0	-30.3528	0	2.7477	0	-29.3086
NE+3.30	B27	27	B242	0.4473	0	-29.1484	0	2.7477	0	-25.6686
NE+3.30	B27	27	B242	0.5695	0	-27.7132	0	2.7477	0	-22.1899
NE+3.30	B27	27	B242	0.6918	0	-26.0472	0	2.7477	0	-18.9008
NE+3.30	B27	27	B242	0.8141	0	-24.1503	0	2.7477	0	-15.8296
NE+3.30	B27	27	B242	0.9364	0	-22.1812	0	2.7477	0	-12.999
NE+3.30	B27	27	B242	1.0586	0	-20.4362	0	2.7477	0	-10.3959
NE+3.30	B27	27	B242	1.1809	0	-18.922	0	2.7477	0	-7.9921
NE+3.30	B27	27	B242	1.3032	0	-17.6387	0	2.7477	0	-5.7592
NE+3.30	B27	27	B242	1.4255	0	-16.5862	0	2.7477	0	-3.6692
NE+3.30	B27	27	B242	1.5477	0	-15.7645	0	2.7477	0	-1.6937
NE+3.30	B27	27	B242	1.67	0	-15.1737	0	2.7477	0	0.1954
NE+3.30	B28	28	Pprop	0.325	0	-13.132	0	0.3289	0	-13.9437
NE+3.30	B28	28	Pprop	0.4473	0	-12.7041	0	0.3289	0	-12.3642
NE+3.30	B28	28	Pprop	0.5695	0	-12.2763	0	0.3289	0	-10.837
NE+3.30	B28	28	Pprop	0.6918	0	-11.8484	0	0.3289	0	-9.3621
NE+3.30	B28	28	Pprop	0.8141	0	-11.4206	0	0.3289	0	-7.9395
NE+3.30	B28	28	Pprop	0.9364	0	-10.9927	0	0.3289	0	-6.5692
NE+3.30	B28	28	Pprop	1.0586	0	-10.5649	0	0.3289	0	-5.2513
NE+3.30	B28	28	Pprop	1.1809	0	-10.137	0	0.3289	0	-3.9856
NE+3.30	B28	28	Pprop	1.3032	0	-9.7091	0	0.3289	0	-2.7723
NE+3.30	B28	28	Pprop	1.4255	0	-9.2813	0	0.3289	0	-1.6113
NE+3.30	B28	28	Pprop	1.5477	0	-8.8534	0	0.3289	0	-0.5026
NE+3.30	B28	28	Pprop	1.67	0	-8.4256	0	0.3289	0	0.5538
NE+3.30	B28	28	Viva	0.325	0	-15.2209	0	0.1334	0	-14.5405
NE+3.30	B28	28	Viva	0.4473	0	-14.7487	0	0.1334	0	-12.7068
NE+3.30	B28	28	Viva	0.5695	0	-14.1271	0	0.1334	0	-10.9399
NE+3.30	B28	28	Viva	0.6918	0	-13.356	0	0.1334	0	-9.2582
NE+3.30	B28	28	Viva	0.8141	0	-12.4353	0	0.1334	0	-7.6799
NE+3.30	B28	28	Viva	0.9364	0	-11.4679	0	0.1334	0	-6.2198
NE+3.30	B28	28	Viva	1.0586	0	-10.6456	0	0.1334	0	-4.8694
NE+3.30	B28	28	Viva	1.1809	0	-9.9728	0	0.1334	0	-3.6104
NE+3.30	B28	28	Viva	1.3032	0	-9.4495	0	0.1334	0	-2.4245
NE+3.30	B28	28	Viva	1.4255	0	-9.0758	0	0.1334	0	-1.2934

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B28	28	Viva	1.5477	0	-8.8515	0	0.1334	0	-0.1989
NE+3.30	B28	28	Viva	1.67	0	-8.7768	0	0.1334	0	0.8773
NE+3.30	B28	28	Psup	0.325	0	-20.5341	0	0.6287	0	-19.7076
NE+3.30	B28	28	Psup	0.4473	0	-19.9018	0	0.6287	0	-17.2335
NE+3.30	B28	28	Psup	0.5695	0	-19.0693	0	0.6287	0	-14.8489
NE+3.30	B28	28	Psup	0.6918	0	-18.0366	0	0.6287	0	-12.5783
NE+3.30	B28	28	Psup	0.8141	0	-16.8037	0	0.6287	0	-10.4463
NE+3.30	B28	28	Psup	0.9364	0	-15.5081	0	0.6287	0	-8.4726
NE+3.30	B28	28	Psup	1.0586	0	-14.4069	0	0.6287	0	-6.6457
NE+3.30	B28	28	Psup	1.1809	0	-13.5059	0	0.6287	0	-4.9413
NE+3.30	B28	28	Psup	1.3032	0	-12.8051	0	0.6287	0	-3.3347
NE+3.30	B28	28	Psup	1.4255	0	-12.3046	0	0.6287	0	-1.8017
NE+3.30	B28	28	Psup	1.5477	0	-12.0043	0	0.6287	0	-0.3175
NE+3.30	B28	28	Psup	1.67	0	-11.9042	0	0.6287	0	1.1421
NE+3.30	B28	28	Viva.cub	0.325	0	-0.019	0	0.0374	0	-0.0375
NE+3.30	B28	28	Viva.cub	0.4473	0	-0.019	0	0.0374	0	-0.0352
NE+3.30	B28	28	Viva.cub	0.5695	0	-0.019	0	0.0374	0	-0.0329
NE+3.30	B28	28	Viva.cub	0.6918	0	-0.019	0	0.0374	0	-0.0306
NE+3.30	B28	28	Viva.cub	0.8141	0	-0.019	0	0.0374	0	-0.0282
NE+3.30	B28	28	Viva.cub	0.9364	0	-0.019	0	0.0374	0	-0.0259
NE+3.30	B28	28	Viva.cub	1.0586	0	-0.019	0	0.0374	0	-0.0236
NE+3.30	B28	28	Viva.cub	1.1809	0	-0.019	0	0.0374	0	-0.0213
NE+3.30	B28	28	Viva.cub	1.3032	0	-0.019	0	0.0374	0	-0.019
NE+3.30	B28	28	Viva.cub	1.4255	0	-0.019	0	0.0374	0	-0.0166
NE+3.30	B28	28	Viva.cub	1.5477	0	-0.019	0	0.0374	0	-0.0143
NE+3.30	B28	28	Viva.cub	1.67	0	-0.019	0	0.0374	0	-0.012
NE+3.30	B28	28	DISX-COMB Max	0.325	0	5.0707	0	15.0912	0	5.9228
NE+3.30	B28	28	DISX-COMB Max	0.4473	0	5.0707	0	15.0912	0	5.3037
NE+3.30	B28	28	DISX-COMB Max	0.5695	0	5.0707	0	15.0912	0	4.6847
NE+3.30	B28	28	DISX-COMB Max	0.6918	0	5.0707	0	15.0912	0	4.0661
NE+3.30	B28	28	DISX-COMB Max	0.8141	0	5.0707	0	15.0912	0	3.4479
NE+3.30	B28	28	DISX-COMB Max	0.9364	0	5.0707	0	15.0912	0	2.8306
NE+3.30	B28	28	DISX-COMB Max	1.0586	0	5.0707	0	15.0912	0	2.2148
NE+3.30	B28	28	DISX-COMB Max	1.1809	0	5.0707	0	15.0912	0	1.6022
NE+3.30	B28	28	DISX-COMB Max	1.3032	0	5.0707	0	15.0912	0	0.9987
NE+3.30	B28	28	DISX-COMB Max	1.4255	0	5.0707	0	15.0912	0	0.4436
NE+3.30	B28	28	DISX-COMB Max	1.5477	0	5.0707	0	15.0912	0	0.4061
NE+3.30	B28	28	DISX-COMB Max	1.67	0	5.0707	0	15.0912	0	0.9497
NE+3.30	B28	28	DISY-COMB Max	0.325	0	6.1015	0	3.5156	0	7.8529
NE+3.30	B28	28	DISY-COMB Max	0.4473	0	6.1015	0	3.5156	0	7.107
NE+3.30	B28	28	DISY-COMB Max	0.5695	0	6.1015	0	3.5156	0	6.3611
NE+3.30	B28	28	DISY-COMB Max	0.6918	0	6.1015	0	3.5156	0	5.6152
NE+3.30	B28	28	DISY-COMB Max	0.8141	0	6.1015	0	3.5156	0	4.8694
NE+3.30	B28	28	DISY-COMB Max	0.9364	0	6.1015	0	3.5156	0	4.1237
NE+3.30	B28	28	DISY-COMB Max	1.0586	0	6.1015	0	3.5156	0	3.3781

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B28	28	DISY-COMB Max	1.1809	0	6.1015	0	3.5156	0	2.6328
NE+3.30	B28	28	DISY-COMB Max	1.3032	0	6.1015	0	3.5156	0	1.8881
NE+3.30	B28	28	DISY-COMB Max	1.4255	0	6.1015	0	3.5156	0	1.145
NE+3.30	B28	28	DISY-COMB Max	1.5477	0	6.1015	0	3.5156	0	0.413
NE+3.30	B28	28	DISY-COMB Max	1.67	0	6.1015	0	3.5156	0	0.3784
NE+3.30	B28	28	B241	0.325	0	-43.6413	0	1.2414	0	-43.6221
NE+3.30	B28	28	B241	0.4473	0	-42.267	0	1.2414	0	-38.3673
NE+3.30	B28	28	B241	0.5695	0	-40.6332	0	1.2414	0	-33.2965
NE+3.30	B28	28	B241	0.6918	0	-38.7399	0	1.2414	0	-28.4412
NE+3.30	B28	28	B241	0.8141	0	-36.587	0	1.2414	0	-23.8334
NE+3.30	B28	28	B241	0.9364	0	-34.3529	0	1.2414	0	-19.4986
NE+3.30	B28	28	B241	1.0586	0	-32.3708	0	1.2414	0	-15.422
NE+3.30	B28	28	B241	1.1809	0	-30.6482	0	1.2414	0	-11.5719
NE+3.30	B28	28	B241	1.3032	0	-29.1852	0	1.2414	0	-7.9166
NE+3.30	B28	28	B241	1.4255	0	-27.9817	0	1.2414	0	-4.4242
NE+3.30	B28	28	B241	1.5477	0	-27.0378	0	1.2414	0	-1.0632
NE+3.30	B28	28	B241	1.67	0	-26.3534	0	1.2414	0	2.1983
NE+3.30	B28	28	B242	0.325	0	-61.7697	0	1.2961	0	-60.674
NE+3.30	B28	28	B242	0.4473	0	-59.8364	0	1.2961	0	-53.2348
NE+3.30	B28	28	B242	0.5695	0	-57.4413	0	1.2961	0	-46.0601
NE+3.30	B28	28	B242	0.6918	0	-54.5846	0	1.2961	0	-39.2066
NE+3.30	B28	28	B242	0.8141	0	-51.2662	0	1.2961	0	-32.7305
NE+3.30	B28	28	B242	0.9364	0	-47.8034	0	1.2961	0	-26.6777
NE+3.30	B28	28	B242	1.0586	0	-44.7888	0	1.2961	0	-21.0217
NE+3.30	B28	28	B242	1.1809	0	-42.2359	0	1.2961	0	-15.706
NE+3.30	B28	28	B242	1.3032	0	-40.1446	0	1.2961	0	-10.6743
NE+3.30	B28	28	B242	1.4255	0	-38.5151	0	1.2961	0	-5.87
NE+3.30	B28	28	B242	1.5477	0	-37.3472	0	1.2961	0	-1.2368
NE+3.30	B28	28	B242	1.67	0	-36.6409	0	1.2961	0	3.2819
NE+3.30	B29	29	Pprop	0.325	0	-14.5608	0	0.5089	0	-16.0648
NE+3.30	B29	29	Pprop	0.4473	0	-14.1329	0	0.5089	0	-14.3106
NE+3.30	B29	29	Pprop	0.5695	0	-13.705	0	0.5089	0	-12.6086
NE+3.30	B29	29	Pprop	0.6918	0	-13.2772	0	0.5089	0	-10.9591
NE+3.30	B29	29	Pprop	0.8141	0	-12.8493	0	0.5089	0	-9.3618
NE+3.30	B29	29	Pprop	0.9364	0	-12.4215	0	0.5089	0	-7.8168
NE+3.30	B29	29	Pprop	1.0586	0	-11.9936	0	0.5089	0	-6.3242
NE+3.30	B29	29	Pprop	1.1809	0	-11.5658	0	0.5089	0	-4.8838
NE+3.30	B29	29	Pprop	1.3032	0	-11.1379	0	0.5089	0	-3.4958
NE+3.30	B29	29	Pprop	1.4255	0	-10.71	0	0.5089	0	-2.1601
NE+3.30	B29	29	Pprop	1.5477	0	-10.2822	0	0.5089	0	-0.8767
NE+3.30	B29	29	Pprop	1.67	0	-9.8543	0	0.5089	0	0.3544
NE+3.30	B29	29	Viva	0.325	0	-16.3547	0	-0.0133	0	-15.8926
NE+3.30	B29	29	Viva	0.4473	0	-15.8826	0	-0.0133	0	-13.9202
NE+3.30	B29	29	Viva	0.5695	0	-15.2609	0	-0.0133	0	-12.0147
NE+3.30	B29	29	Viva	0.6918	0	-14.4898	0	-0.0133	0	-10.1943

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B29	29	Viva	0.8141	0	-13.5691	0	-0.0133	0	-8.4774
NE+3.30	B29	29	Viva	0.9364	0	-12.6017	0	-0.0133	0	-6.8787
NE+3.30	B29	29	Viva	1.0586	0	-11.7794	0	-0.0133	0	-5.3896
NE+3.30	B29	29	Viva	1.1809	0	-11.1066	0	-0.0133	0	-3.992
NE+3.30	B29	29	Viva	1.3032	0	-10.5834	0	-0.0133	0	-2.6674
NE+3.30	B29	29	Viva	1.4255	0	-10.2096	0	-0.0133	0	-1.3978
NE+3.30	B29	29	Viva	1.5477	0	-9.9853	0	-0.0133	0	-0.1646
NE+3.30	B29	29	Viva	1.67	0	-9.9106	0	-0.0133	0	1.0502
NE+3.30	B29	29	Psup	0.325	0	-23.2911	0	0.5129	0	-23.5174
NE+3.30	B29	29	Psup	0.4473	0	-22.6589	0	0.5129	0	-20.7061
NE+3.30	B29	29	Psup	0.5695	0	-21.8263	0	0.5129	0	-17.9844
NE+3.30	B29	29	Psup	0.6918	0	-20.7936	0	0.5129	0	-15.3768
NE+3.30	B29	29	Psup	0.8141	0	-19.5607	0	0.5129	0	-12.9076
NE+3.30	B29	29	Psup	0.9364	0	-18.2651	0	0.5129	0	-10.5968
NE+3.30	B29	29	Psup	1.0586	0	-17.1639	0	0.5129	0	-8.4328
NE+3.30	B29	29	Psup	1.1809	0	-16.2629	0	0.5129	0	-6.3913
NE+3.30	B29	29	Psup	1.3032	0	-15.5622	0	0.5129	0	-4.4477
NE+3.30	B29	29	Psup	1.4255	0	-15.0616	0	0.5129	0	-2.5775
NE+3.30	B29	29	Psup	1.5477	0	-14.7613	0	0.5129	0	-0.7563
NE+3.30	B29	29	Psup	1.67	0	-14.6612	0	0.5129	0	1.0405
NE+3.30	B29	29	Viva.cub	0.325	0	0.068	0	-0.0168	0	0.0879
NE+3.30	B29	29	Viva.cub	0.4473	0	0.068	0	-0.0168	0	0.0796
NE+3.30	B29	29	Viva.cub	0.5695	0	0.068	0	-0.0168	0	0.0713
NE+3.30	B29	29	Viva.cub	0.6918	0	0.068	0	-0.0168	0	0.063
NE+3.30	B29	29	Viva.cub	0.8141	0	0.068	0	-0.0168	0	0.0547
NE+3.30	B29	29	Viva.cub	0.9364	0	0.068	0	-0.0168	0	0.0464
NE+3.30	B29	29	Viva.cub	1.0586	0	0.068	0	-0.0168	0	0.038
NE+3.30	B29	29	Viva.cub	1.1809	0	0.068	0	-0.0168	0	0.0297
NE+3.30	B29	29	Viva.cub	1.3032	0	0.068	0	-0.0168	0	0.0214
NE+3.30	B29	29	Viva.cub	1.4255	0	0.068	0	-0.0168	0	0.0131
NE+3.30	B29	29	Viva.cub	1.5477	0	0.068	0	-0.0168	0	0.0048
NE+3.30	B29	29	Viva.cub	1.67	0	0.068	0	-0.0168	0	-0.0035
NE+3.30	B29	29	DISX-COMB Max	0.325	0	3.3128	0	14.1067	0	4.3444
NE+3.30	B29	29	DISX-COMB Max	0.4473	0	3.3128	0	14.1067	0	3.9414
NE+3.30	B29	29	DISX-COMB Max	0.5695	0	3.3128	0	14.1067	0	3.5387
NE+3.30	B29	29	DISX-COMB Max	0.6918	0	3.3128	0	14.1067	0	3.1368
NE+3.30	B29	29	DISX-COMB Max	0.8141	0	3.3128	0	14.1067	0	2.7357
NE+3.30	B29	29	DISX-COMB Max	0.9364	0	3.3128	0	14.1067	0	2.336
NE+3.30	B29	29	DISX-COMB Max	1.0586	0	3.3128	0	14.1067	0	1.9386
NE+3.30	B29	29	DISX-COMB Max	1.1809	0	3.3128	0	14.1067	0	1.5451
NE+3.30	B29	29	DISX-COMB Max	1.3032	0	3.3128	0	14.1067	0	1.1597
NE+3.30	B29	29	DISX-COMB Max	1.4255	0	3.3128	0	14.1067	0	0.794
NE+3.30	B29	29	DISX-COMB Max	1.5477	0	3.3128	0	14.1067	0	0.4942
NE+3.30	B29	29	DISX-COMB Max	1.67	0	3.3128	0	14.1067	0	0.4315
NE+3.30	B29	29	DISY-COMB Max	0.325	0	7.4043	0	3.3164	0	11.3117

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B29	29	DISY-COMB Max	0.4473	0	7.4043	0	3.3164	0	10.4065
NE+3.30	B29	29	DISY-COMB Max	0.5695	0	7.4043	0	3.3164	0	9.5013
NE+3.30	B29	29	DISY-COMB Max	0.6918	0	7.4043	0	3.3164	0	8.5961
NE+3.30	B29	29	DISY-COMB Max	0.8141	0	7.4043	0	3.3164	0	7.6909
NE+3.30	B29	29	DISY-COMB Max	0.9364	0	7.4043	0	3.3164	0	6.7858
NE+3.30	B29	29	DISY-COMB Max	1.0586	0	7.4043	0	3.3164	0	5.8808
NE+3.30	B29	29	DISY-COMB Max	1.1809	0	7.4043	0	3.3164	0	4.9759
NE+3.30	B29	29	DISY-COMB Max	1.3032	0	7.4043	0	3.3164	0	4.0712
NE+3.30	B29	29	DISY-COMB Max	1.4255	0	7.4043	0	3.3164	0	3.1668
NE+3.30	B29	29	DISY-COMB Max	1.5477	0	7.4043	0	3.3164	0	2.2633
NE+3.30	B29	29	DISY-COMB Max	1.67	0	7.4043	0	3.3164	0	1.3621
NE+3.30	B29	29	B241	0.325	0	-49.0673	0	1.3245	0	-51.3102
NE+3.30	B29	29	B241	0.4473	0	-47.693	0	1.3245	0	-45.392
NE+3.30	B29	29	B241	0.5695	0	-46.0592	0	1.3245	0	-39.6577
NE+3.30	B29	29	B241	0.6918	0	-44.1659	0	1.3245	0	-34.139
NE+3.30	B29	29	B241	0.8141	0	-42.013	0	1.3245	0	-28.8677
NE+3.30	B29	29	B241	0.9364	0	-39.7789	0	1.3245	0	-23.8695
NE+3.30	B29	29	B241	1.0586	0	-37.7968	0	1.3245	0	-19.1294
NE+3.30	B29	29	B241	1.1809	0	-36.0742	0	1.3245	0	-14.6159
NE+3.30	B29	29	B241	1.3032	0	-34.6112	0	1.3245	0	-10.2971
NE+3.30	B29	29	B241	1.4255	0	-33.4077	0	1.3245	0	-6.1413
NE+3.30	B29	29	B241	1.5477	0	-32.4638	0	1.3245	0	-2.1168
NE+3.30	B29	29	B241	1.67	0	-31.7794	0	1.3245	0	1.8081
NE+3.30	B29	29	B242	0.325	0	-68.1912	0	1.1056	0	-69.3644
NE+3.30	B29	29	B242	0.4473	0	-66.2578	0	1.1056	0	-61.14
NE+3.30	B29	29	B242	0.5695	0	-63.8628	0	1.1056	0	-53.1802
NE+3.30	B29	29	B242	0.6918	0	-61.0061	0	1.1056	0	-45.5414
NE+3.30	B29	29	B242	0.8141	0	-57.6877	0	1.1056	0	-38.2802
NE+3.30	B29	29	B242	0.9364	0	-54.2249	0	1.1056	0	-31.4423
NE+3.30	B29	29	B242	1.0586	0	-51.2103	0	1.1056	0	-25.001
NE+3.30	B29	29	B242	1.1809	0	-48.6574	0	1.1056	0	-18.9002
NE+3.30	B29	29	B242	1.3032	0	-46.5661	0	1.1056	0	-13.0833
NE+3.30	B29	29	B242	1.4255	0	-44.9365	0	1.1056	0	-7.4938
NE+3.30	B29	29	B242	1.5477	0	-43.7686	0	1.1056	0	-2.0754
NE+3.30	B29	29	B242	1.67	0	-43.0624	0	1.1056	0	3.2284
NE+3.30	B30	30	Pprop	0.325	0	-15.7466	0	0.0468	0	-17.6335
NE+3.30	B30	30	Pprop	0.4473	0	-15.3188	0	0.0468	0	-15.7342
NE+3.30	B30	30	Pprop	0.5695	0	-14.8909	0	0.0468	0	-13.8873
NE+3.30	B30	30	Pprop	0.6918	0	-14.463	0	0.0468	0	-12.0927
NE+3.30	B30	30	Pprop	0.8141	0	-14.0352	0	0.0468	0	-10.3505
NE+3.30	B30	30	Pprop	0.9364	0	-13.6073	0	0.0468	0	-8.6605
NE+3.30	B30	30	Pprop	1.0586	0	-13.1795	0	0.0468	0	-7.0228
NE+3.30	B30	30	Pprop	1.1809	0	-12.7516	0	0.0468	0	-5.4375
NE+3.30	B30	30	Pprop	1.3032	0	-12.3238	0	0.0468	0	-3.9045
NE+3.30	B30	30	Pprop	1.4255	0	-11.8959	0	0.0468	0	-2.4238

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B30	30	Pprop	1.5477	0	-11.468	0	0.0468	0	-0.9954
NE+3.30	B30	30	Pprop	1.67	0	-11.0402	0	0.0468	0	0.3807
NE+3.30	B30	30	Viva	0.325	0	-17.333	0	0.0101	0	-16.6769
NE+3.30	B30	30	Viva	0.4473	0	-16.8609	0	0.0101	0	-14.5849
NE+3.30	B30	30	Viva	0.5695	0	-16.2392	0	0.0101	0	-12.5598
NE+3.30	B30	30	Viva	0.6918	0	-15.4681	0	0.0101	0	-10.6198
NE+3.30	B30	30	Viva	0.8141	0	-14.5474	0	0.0101	0	-8.7832
NE+3.30	B30	30	Viva	0.9364	0	-13.58	0	0.0101	0	-7.0649
NE+3.30	B30	30	Viva	1.0586	0	-12.7577	0	0.0101	0	-5.4563
NE+3.30	B30	30	Viva	1.1809	0	-12.0849	0	0.0101	0	-3.939
NE+3.30	B30	30	Viva	1.3032	0	-11.5617	0	0.0101	0	-2.4948
NE+3.30	B30	30	Viva	1.4255	0	-11.1879	0	0.0101	0	-1.1055
NE+3.30	B30	30	Viva	1.5477	0	-10.9636	0	0.0101	0	0.2472
NE+3.30	B30	30	Viva	1.67	0	-10.8889	0	0.0101	0	1.5817
NE+3.30	B30	30	Psup	0.325	0	-25.2834	0	0.1168	0	-25.7773
NE+3.30	B30	30	Psup	0.4473	0	-24.6511	0	0.1168	0	-22.7224
NE+3.30	B30	30	Psup	0.5695	0	-23.8186	0	0.1168	0	-19.7571
NE+3.30	B30	30	Psup	0.6918	0	-22.7859	0	0.1168	0	-16.9058
NE+3.30	B30	30	Psup	0.8141	0	-21.553	0	0.1168	0	-14.1931
NE+3.30	B30	30	Psup	0.9364	0	-20.2574	0	0.1168	0	-11.6387
NE+3.30	B30	30	Psup	1.0586	0	-19.1562	0	0.1168	0	-9.2311
NE+3.30	B30	30	Psup	1.1809	0	-18.2552	0	0.1168	0	-6.946
NE+3.30	B30	30	Psup	1.3032	0	-17.5544	0	0.1168	0	-4.7587
NE+3.30	B30	30	Psup	1.4255	0	-17.0539	0	0.1168	0	-2.6449
NE+3.30	B30	30	Psup	1.5477	0	-16.7536	0	0.1168	0	-0.5801
NE+3.30	B30	30	Psup	1.67	0	-16.6535	0	0.1168	0	1.4602
NE+3.30	B30	30	Viva.cub	0.325	0	0.0724	0	0.0265	0	0.1082
NE+3.30	B30	30	Viva.cub	0.4473	0	0.0724	0	0.0265	0	0.0994
NE+3.30	B30	30	Viva.cub	0.5695	0	0.0724	0	0.0265	0	0.0905
NE+3.30	B30	30	Viva.cub	0.6918	0	0.0724	0	0.0265	0	0.0817
NE+3.30	B30	30	Viva.cub	0.8141	0	0.0724	0	0.0265	0	0.0728
NE+3.30	B30	30	Viva.cub	0.9364	0	0.0724	0	0.0265	0	0.064
NE+3.30	B30	30	Viva.cub	1.0586	0	0.0724	0	0.0265	0	0.0551
NE+3.30	B30	30	Viva.cub	1.1809	0	0.0724	0	0.0265	0	0.0463
NE+3.30	B30	30	Viva.cub	1.3032	0	0.0724	0	0.0265	0	0.0374
NE+3.30	B30	30	Viva.cub	1.4255	0	0.0724	0	0.0265	0	0.0286
NE+3.30	B30	30	Viva.cub	1.5477	0	0.0724	0	0.0265	0	0.0197
NE+3.30	B30	30	Viva.cub	1.67	0	0.0724	0	0.0265	0	0.0109
NE+3.30	B30	30	DISX-COMB Max	0.325	0	0.8112	0	13.595	0	1.3038
NE+3.30	B30	30	DISX-COMB Max	0.4473	0	0.8112	0	13.595	0	1.2053
NE+3.30	B30	30	DISX-COMB Max	0.5695	0	0.8112	0	13.595	0	1.1069
NE+3.30	B30	30	DISX-COMB Max	0.6918	0	0.8112	0	13.595	0	1.0087
NE+3.30	B30	30	DISX-COMB Max	0.8141	0	0.8112	0	13.595	0	0.9106
NE+3.30	B30	30	DISX-COMB Max	0.9364	0	0.8112	0	13.595	0	0.8129
NE+3.30	B30	30	DISX-COMB Max	1.0586	0	0.8112	0	13.595	0	0.7156

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B30	30	DISX-COMB Max	1.1809	0	0.8112	0	13.595	0	0.6188
NE+3.30	B30	30	DISX-COMB Max	1.3032	0	0.8112	0	13.595	0	0.523
NE+3.30	B30	30	DISX-COMB Max	1.4255	0	0.8112	0	13.595	0	0.4286
NE+3.30	B30	30	DISX-COMB Max	1.5477	0	0.8112	0	13.595	0	0.3371
NE+3.30	B30	30	DISX-COMB Max	1.67	0	0.8112	0	13.595	0	0.2515
NE+3.30	B30	30	DISY-COMB Max	0.325	0	7.2508	0	3.0567	0	11.7744
NE+3.30	B30	30	DISY-COMB Max	0.4473	0	7.2508	0	3.0567	0	10.8879
NE+3.30	B30	30	DISY-COMB Max	0.5695	0	7.2508	0	3.0567	0	10.0013
NE+3.30	B30	30	DISY-COMB Max	0.6918	0	7.2508	0	3.0567	0	9.1147
NE+3.30	B30	30	DISY-COMB Max	0.8141	0	7.2508	0	3.0567	0	8.2282
NE+3.30	B30	30	DISY-COMB Max	0.9364	0	7.2508	0	3.0567	0	7.3416
NE+3.30	B30	30	DISY-COMB Max	1.0586	0	7.2508	0	3.0567	0	6.4551
NE+3.30	B30	30	DISY-COMB Max	1.1809	0	7.2508	0	3.0567	0	5.5685
NE+3.30	B30	30	DISY-COMB Max	1.3032	0	7.2508	0	3.0567	0	4.6819
NE+3.30	B30	30	DISY-COMB Max	1.4255	0	7.2508	0	3.0567	0	3.7954
NE+3.30	B30	30	DISY-COMB Max	1.5477	0	7.2508	0	3.0567	0	2.9089
NE+3.30	B30	30	DISY-COMB Max	1.67	0	7.2508	0	3.0567	0	2.0224
NE+3.30	B30	30	B241	0.325	0	-53.1871	0	0.2121	0	-56.2732
NE+3.30	B30	30	B241	0.4473	0	-51.8128	0	0.2121	0	-49.8512
NE+3.30	B30	30	B241	0.5695	0	-50.179	0	0.2121	0	-43.6132
NE+3.30	B30	30	B241	0.6918	0	-48.2857	0	0.2121	0	-37.5907
NE+3.30	B30	30	B241	0.8141	0	-46.1328	0	0.2121	0	-31.8157
NE+3.30	B30	30	B241	0.9364	0	-43.8987	0	0.2121	0	-26.3137
NE+3.30	B30	30	B241	1.0586	0	-41.9166	0	0.2121	0	-21.0699
NE+3.30	B30	30	B241	1.1809	0	-40.194	0	0.2121	0	-16.0526
NE+3.30	B30	30	B241	1.3032	0	-38.731	0	0.2121	0	-11.2301
NE+3.30	B30	30	B241	1.4255	0	-37.5275	0	0.2121	0	-6.5706
NE+3.30	B30	30	B241	1.5477	0	-36.5836	0	0.2121	0	-2.0423
NE+3.30	B30	30	B241	1.67	0	-35.8992	0	0.2121	0	2.3863
NE+3.30	B30	30	B242	0.325	0	-73.2855	0	0.2112	0	-74.8631
NE+3.30	B30	30	B242	0.4473	0	-71.3522	0	0.2112	0	-66.0158
NE+3.30	B30	30	B242	0.5695	0	-68.9571	0	0.2112	0	-57.4331
NE+3.30	B30	30	B242	0.6918	0	-66.1004	0	0.2112	0	-49.1715
NE+3.30	B30	30	B242	0.8141	0	-62.782	0	0.2112	0	-41.2874
NE+3.30	B30	30	B242	0.9364	0	-59.3192	0	0.2112	0	-33.8265
NE+3.30	B30	30	B242	1.0586	0	-56.3046	0	0.2112	0	-26.7624
NE+3.30	B30	30	B242	1.1809	0	-53.7517	0	0.2112	0	-20.0387
NE+3.30	B30	30	B242	1.3032	0	-51.6604	0	0.2112	0	-13.5988
NE+3.30	B30	30	B242	1.4255	0	-50.0309	0	0.2112	0	-7.3865
NE+3.30	B30	30	B242	1.5477	0	-48.863	0	0.2112	0	-1.3452
NE+3.30	B30	30	B242	1.67	0	-48.1567	0	0.2112	0	4.5815
NE+3.30	B31	31	Pprop	0.325	0	-15.2977	0	-0.2199	0	-17.0822
NE+3.30	B31	31	Pprop	0.4473	0	-14.8699	0	-0.2199	0	-15.2379
NE+3.30	B31	31	Pprop	0.5695	0	-14.442	0	-0.2199	0	-13.4458
NE+3.30	B31	31	Pprop	0.6918	0	-14.0141	0	-0.2199	0	-11.7061

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B31	31	Pprop	0.8141	0	-13.5863	0	-0.2199	0	-10.0188
NE+3.30	B31	31	Pprop	0.9364	0	-13.1584	0	-0.2199	0	-8.3837
NE+3.30	B31	31	Pprop	1.0586	0	-12.7306	0	-0.2199	0	-6.8009
NE+3.30	B31	31	Pprop	1.1809	0	-12.3027	0	-0.2199	0	-5.2705
NE+3.30	B31	31	Pprop	1.3032	0	-11.8749	0	-0.2199	0	-3.7923
NE+3.30	B31	31	Pprop	1.4255	0	-11.447	0	-0.2199	0	-2.3665
NE+3.30	B31	31	Pprop	1.5477	0	-11.0191	0	-0.2199	0	-0.993
NE+3.30	B31	31	Pprop	1.67	0	-10.5913	0	-0.2199	0	0.3281
NE+3.30	B31	31	Viva	0.325	0	-17.6559	0	0.2403	0	-17.5258
NE+3.30	B31	31	Viva	0.4473	0	-17.1838	0	0.2403	0	-15.3943
NE+3.30	B31	31	Viva	0.5695	0	-16.5621	0	0.2403	0	-13.3296
NE+3.30	B31	31	Viva	0.6918	0	-15.791	0	0.2403	0	-11.3502
NE+3.30	B31	31	Viva	0.8141	0	-14.8703	0	0.2403	0	-9.4741
NE+3.30	B31	31	Viva	0.9364	0	-13.9029	0	0.2403	0	-7.7163
NE+3.30	B31	31	Viva	1.0586	0	-13.0806	0	0.2403	0	-6.0682
NE+3.30	B31	31	Viva	1.1809	0	-12.4078	0	0.2403	0	-4.5114
NE+3.30	B31	31	Viva	1.3032	0	-11.8846	0	0.2403	0	-3.0278
NE+3.30	B31	31	Viva	1.4255	0	-11.5108	0	0.2403	0	-1.599
NE+3.30	B31	31	Viva	1.5477	0	-11.2865	0	0.2403	0	-0.2068
NE+3.30	B31	31	Viva	1.67	0	-11.2118	0	0.2403	0	1.1672
NE+3.30	B31	31	Psup	0.325	0	-24.9933	0	-0.0135	0	-25.7336
NE+3.30	B31	31	Psup	0.4473	0	-24.3611	0	-0.0135	0	-22.7142
NE+3.30	B31	31	Psup	0.5695	0	-23.5285	0	-0.0135	0	-19.7843
NE+3.30	B31	31	Psup	0.6918	0	-22.4958	0	-0.0135	0	-16.9685
NE+3.30	B31	31	Psup	0.8141	0	-21.2629	0	-0.0135	0	-14.2912
NE+3.30	B31	31	Psup	0.9364	0	-19.9673	0	-0.0135	0	-11.7723
NE+3.30	B31	31	Psup	1.0586	0	-18.8661	0	-0.0135	0	-9.4002
NE+3.30	B31	31	Psup	1.1809	0	-17.9651	0	-0.0135	0	-7.1505
NE+3.30	B31	31	Psup	1.3032	0	-17.2644	0	-0.0135	0	-4.9988
NE+3.30	B31	31	Psup	1.4255	0	-16.7638	0	-0.0135	0	-2.9204
NE+3.30	B31	31	Psup	1.5477	0	-16.4635	0	-0.0135	0	-0.8911
NE+3.30	B31	31	Psup	1.67	0	-16.3634	0	-0.0135	0	1.1138
NE+3.30	B31	31	Viva.cub	0.325	0	0.0378	0	0.0174	0	0.0602
NE+3.30	B31	31	Viva.cub	0.4473	0	0.0378	0	0.0174	0	0.0556
NE+3.30	B31	31	Viva.cub	0.5695	0	0.0378	0	0.0174	0	0.051
NE+3.30	B31	31	Viva.cub	0.6918	0	0.0378	0	0.0174	0	0.0464
NE+3.30	B31	31	Viva.cub	0.8141	0	0.0378	0	0.0174	0	0.0418
NE+3.30	B31	31	Viva.cub	0.9364	0	0.0378	0	0.0174	0	0.0371
NE+3.30	B31	31	Viva.cub	1.0586	0	0.0378	0	0.0174	0	0.0325
NE+3.30	B31	31	Viva.cub	1.1809	0	0.0378	0	0.0174	0	0.0279
NE+3.30	B31	31	Viva.cub	1.3032	0	0.0378	0	0.0174	0	0.0233
NE+3.30	B31	31	Viva.cub	1.4255	0	0.0378	0	0.0174	0	0.0187
NE+3.30	B31	31	Viva.cub	1.5477	0	0.0378	0	0.0174	0	0.014
NE+3.30	B31	31	Viva.cub	1.67	0	0.0378	0	0.0174	0	0.0094
NE+3.30	B31	31	DISX-COMB Max	0.325	0	2.9615	0	14.3558	0	3.8693

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B31	31	DISX-COMB Max	0.4473	0	2.9615	0	14.3558	0	3.5084
NE+3.30	B31	31	DISX-COMB Max	0.5695	0	2.9615	0	14.3558	0	3.1477
NE+3.30	B31	31	DISX-COMB Max	0.6918	0	2.9615	0	14.3558	0	2.7875
NE+3.30	B31	31	DISX-COMB Max	0.8141	0	2.9615	0	14.3558	0	2.4278
NE+3.30	B31	31	DISX-COMB Max	0.9364	0	2.9615	0	14.3558	0	2.0689
NE+3.30	B31	31	DISX-COMB Max	1.0586	0	2.9615	0	14.3558	0	1.7114
NE+3.30	B31	31	DISX-COMB Max	1.1809	0	2.9615	0	14.3558	0	1.3563
NE+3.30	B31	31	DISX-COMB Max	1.3032	0	2.9615	0	14.3558	0	1.0063
NE+3.30	B31	31	DISX-COMB Max	1.4255	0	2.9615	0	14.3558	0	0.6693
NE+3.30	B31	31	DISX-COMB Max	1.5477	0	2.9615	0	14.3558	0	0.3814
NE+3.30	B31	31	DISX-COMB Max	1.67	0	2.9615	0	14.3558	0	0.3244
NE+3.30	B31	31	DISY-COMB Max	0.325	0	7.6842	0	3.3499	0	12.1432
NE+3.30	B31	31	DISY-COMB Max	0.4473	0	7.6842	0	3.3499	0	11.2036
NE+3.30	B31	31	DISY-COMB Max	0.5695	0	7.6842	0	3.3499	0	10.2641
NE+3.30	B31	31	DISY-COMB Max	0.6918	0	7.6842	0	3.3499	0	9.3245
NE+3.30	B31	31	DISY-COMB Max	0.8141	0	7.6842	0	3.3499	0	8.385
NE+3.30	B31	31	DISY-COMB Max	0.9364	0	7.6842	0	3.3499	0	7.4455
NE+3.30	B31	31	DISY-COMB Max	1.0586	0	7.6842	0	3.3499	0	6.506
NE+3.30	B31	31	DISY-COMB Max	1.1809	0	7.6842	0	3.3499	0	5.5665
NE+3.30	B31	31	DISY-COMB Max	1.3032	0	7.6842	0	3.3499	0	4.6271
NE+3.30	B31	31	DISY-COMB Max	1.4255	0	7.6842	0	3.3499	0	3.6877
NE+3.30	B31	31	DISY-COMB Max	1.5477	0	7.6842	0	3.3499	0	2.7485
NE+3.30	B31	31	DISY-COMB Max	1.67	0	7.6842	0	3.3499	0	1.8096
NE+3.30	B31	31	B241	0.325	0	-52.2291	0	-0.3025	0	-55.5019
NE+3.30	B31	31	B241	0.4473	0	-50.8549	0	-0.3025	0	-49.1971
NE+3.30	B31	31	B241	0.5695	0	-49.2211	0	-0.3025	0	-43.0762
NE+3.30	B31	31	B241	0.6918	0	-47.3277	0	-0.3025	0	-37.1709
NE+3.30	B31	31	B241	0.8141	0	-45.1748	0	-0.3025	0	-31.513
NE+3.30	B31	31	B241	0.9364	0	-42.9408	0	-0.3025	0	-26.1281
NE+3.30	B31	31	B241	1.0586	0	-40.9586	0	-0.3025	0	-21.0015
NE+3.30	B31	31	B241	1.1809	0	-39.2361	0	-0.3025	0	-16.1013
NE+3.30	B31	31	B241	1.3032	0	-37.773	0	-0.3025	0	-11.3959
NE+3.30	B31	31	B241	1.4255	0	-36.5696	0	-0.3025	0	-6.8535
NE+3.30	B31	31	B241	1.5477	0	-35.6256	0	-0.3025	0	-2.4424
NE+3.30	B31	31	B241	1.67	0	-34.9412	0	-0.3025	0	1.8692
NE+3.30	B31	31	B242	0.325	0	-72.9984	0	0.1339	0	-75.5842
NE+3.30	B31	31	B242	0.4473	0	-71.065	0	0.1339	0	-66.7719
NE+3.30	B31	31	B242	0.5695	0	-68.67	0	0.1339	0	-58.2243
NE+3.30	B31	31	B242	0.6918	0	-65.8133	0	0.1339	0	-49.9978
NE+3.30	B31	31	B242	0.8141	0	-62.4949	0	0.1339	0	-42.1488
NE+3.30	B31	31	B242	0.9364	0	-59.0321	0	0.1339	0	-34.7231
NE+3.30	B31	31	B242	1.0586	0	-56.0175	0	0.1339	0	-27.694
NE+3.30	B31	31	B242	1.1809	0	-53.4646	0	0.1339	0	-21.0054
NE+3.30	B31	31	B242	1.3032	0	-51.3733	0	0.1339	0	-14.6007
NE+3.30	B31	31	B242	1.4255	0	-49.7437	0	0.1339	0	-8.4235

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B31	31	B242	1.5477	0	-48.5758	0	0.1339	0	-2.4173
NE+3.30	B31	31	B242	1.67	0	-47.8696	0	0.1339	0	3.4743
NE+3.30	B32	32	Pprop	0.325	0	-14.7288	0	0.0982	0	-16.2665
NE+3.30	B32	32	Pprop	0.4473	0	-14.3009	0	0.0982	0	-14.4917
NE+3.30	B32	32	Pprop	0.5695	0	-13.873	0	0.0982	0	-12.7692
NE+3.30	B32	32	Pprop	0.6918	0	-13.4452	0	0.0982	0	-11.0991
NE+3.30	B32	32	Pprop	0.8141	0	-13.0173	0	0.0982	0	-9.4813
NE+3.30	B32	32	Pprop	0.9364	0	-12.5895	0	0.0982	0	-7.9158
NE+3.30	B32	32	Pprop	1.0586	0	-12.1616	0	0.0982	0	-6.4026
NE+3.30	B32	32	Pprop	1.1809	0	-11.7338	0	0.0982	0	-4.9417
NE+3.30	B32	32	Pprop	1.3032	0	-11.3059	0	0.0982	0	-3.5331
NE+3.30	B32	32	Pprop	1.4255	0	-10.878	0	0.0982	0	-2.1769
NE+3.30	B32	32	Pprop	1.5477	0	-10.4502	0	0.0982	0	-0.873
NE+3.30	B32	32	Pprop	1.67	0	-10.0223	0	0.0982	0	0.3787
NE+3.30	B32	32	Viva	0.325	0	-17.0358	0	-0.1828	0	-16.8829
NE+3.30	B32	32	Viva	0.4473	0	-16.5637	0	-0.1828	0	-14.8272
NE+3.30	B32	32	Viva	0.5695	0	-15.942	0	-0.1828	0	-12.8384
NE+3.30	B32	32	Viva	0.6918	0	-15.1709	0	-0.1828	0	-10.9348
NE+3.30	B32	32	Viva	0.8141	0	-14.2502	0	-0.1828	0	-9.1346
NE+3.30	B32	32	Viva	0.9364	0	-13.2828	0	-0.1828	0	-7.4526
NE+3.30	B32	32	Viva	1.0586	0	-12.4605	0	-0.1828	0	-5.8803
NE+3.30	B32	32	Viva	1.1809	0	-11.7877	0	-0.1828	0	-4.3993
NE+3.30	B32	32	Viva	1.3032	0	-11.2645	0	-0.1828	0	-2.9915
NE+3.30	B32	32	Viva	1.4255	0	-10.8907	0	-0.1828	0	-1.6386
NE+3.30	B32	32	Viva	1.5477	0	-10.6664	0	-0.1828	0	-0.3222
NE+3.30	B32	32	Viva	1.67	0	-10.5917	0	-0.1828	0	0.976
NE+3.30	B32	32	Psup	0.325	0	-23.3714	0	-0.1162	0	-23.6986
NE+3.30	B32	32	Psup	0.4473	0	-22.7391	0	-0.1162	0	-20.8775
NE+3.30	B32	32	Psup	0.5695	0	-21.9066	0	-0.1162	0	-18.146
NE+3.30	B32	32	Psup	0.6918	0	-20.8739	0	-0.1162	0	-15.5285
NE+3.30	B32	32	Psup	0.8141	0	-19.6409	0	-0.1162	0	-13.0496
NE+3.30	B32	32	Psup	0.9364	0	-18.3454	0	-0.1162	0	-10.7289
NE+3.30	B32	32	Psup	1.0586	0	-17.2442	0	-0.1162	0	-8.5552
NE+3.30	B32	32	Psup	1.1809	0	-16.3432	0	-0.1162	0	-6.5038
NE+3.30	B32	32	Psup	1.3032	0	-15.6424	0	-0.1162	0	-4.5503
NE+3.30	B32	32	Psup	1.4255	0	-15.1419	0	-0.1162	0	-2.6703
NE+3.30	B32	32	Psup	1.5477	0	-14.8416	0	-0.1162	0	-0.8393
NE+3.30	B32	32	Psup	1.67	0	-14.7414	0	-0.1162	0	0.9673
NE+3.30	B32	32	Viva.cub	0.325	0	0.0473	0	0.0111	0	0.0744
NE+3.30	B32	32	Viva.cub	0.4473	0	0.0473	0	0.0111	0	0.0686
NE+3.30	B32	32	Viva.cub	0.5695	0	0.0473	0	0.0111	0	0.0628
NE+3.30	B32	32	Viva.cub	0.6918	0	0.0473	0	0.0111	0	0.057
NE+3.30	B32	32	Viva.cub	0.8141	0	0.0473	0	0.0111	0	0.0513
NE+3.30	B32	32	Viva.cub	0.9364	0	0.0473	0	0.0111	0	0.0455
NE+3.30	B32	32	Viva.cub	1.0586	0	0.0473	0	0.0111	0	0.0397

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B32	32	Viva.cub	1.1809	0	0.0473	0	0.0111	0	0.0339
NE+3.30	B32	32	Viva.cub	1.3032	0	0.0473	0	0.0111	0	0.0282
NE+3.30	B32	32	Viva.cub	1.4255	0	0.0473	0	0.0111	0	0.0224
NE+3.30	B32	32	Viva.cub	1.5477	0	0.0473	0	0.0111	0	0.0166
NE+3.30	B32	32	Viva.cub	1.67	0	0.0473	0	0.0111	0	0.0108
NE+3.30	B32	32	DISX-COMB Max	0.325	0	2.4851	0	15.1465	0	4.0714
NE+3.30	B32	32	DISX-COMB Max	0.4473	0	2.4851	0	15.1465	0	3.7691
NE+3.30	B32	32	DISX-COMB Max	0.5695	0	2.4851	0	15.1465	0	3.4672
NE+3.30	B32	32	DISX-COMB Max	0.6918	0	2.4851	0	15.1465	0	3.1656
NE+3.30	B32	32	DISX-COMB Max	0.8141	0	2.4851	0	15.1465	0	2.8645
NE+3.30	B32	32	DISX-COMB Max	0.9364	0	2.4851	0	15.1465	0	2.564
NE+3.30	B32	32	DISX-COMB Max	1.0586	0	2.4851	0	15.1465	0	2.2644
NE+3.30	B32	32	DISX-COMB Max	1.1809	0	2.4851	0	15.1465	0	1.9662
NE+3.30	B32	32	DISX-COMB Max	1.3032	0	2.4851	0	15.1465	0	1.67
NE+3.30	B32	32	DISX-COMB Max	1.4255	0	2.4851	0	15.1465	0	1.3771
NE+3.30	B32	32	DISX-COMB Max	1.5477	0	2.4851	0	15.1465	0	1.0903
NE+3.30	B32	32	DISX-COMB Max	1.67	0	2.4851	0	15.1465	0	0.8159
NE+3.30	B32	32	DISY-COMB Max	0.325	0	11.0858	0	2.6408	0	16.6149
NE+3.30	B32	32	DISY-COMB Max	0.4473	0	11.0858	0	2.6408	0	15.2594
NE+3.30	B32	32	DISY-COMB Max	0.5695	0	11.0858	0	2.6408	0	13.9039
NE+3.30	B32	32	DISY-COMB Max	0.6918	0	11.0858	0	2.6408	0	12.5484
NE+3.30	B32	32	DISY-COMB Max	0.8141	0	11.0858	0	2.6408	0	11.1929
NE+3.30	B32	32	DISY-COMB Max	0.9364	0	11.0858	0	2.6408	0	9.8375
NE+3.30	B32	32	DISY-COMB Max	1.0586	0	11.0858	0	2.6408	0	8.482
NE+3.30	B32	32	DISY-COMB Max	1.1809	0	11.0858	0	2.6408	0	7.1265
NE+3.30	B32	32	DISY-COMB Max	1.3032	0	11.0858	0	2.6408	0	5.771
NE+3.30	B32	32	DISY-COMB Max	1.4255	0	11.0858	0	2.6408	0	4.4155
NE+3.30	B32	32	DISY-COMB Max	1.5477	0	11.0858	0	2.6408	0	3.0601
NE+3.30	B32	32	DISY-COMB Max	1.67	0	11.0858	0	2.6408	0	1.7047
NE+3.30	B32	32	B241	0.325	0	-49.3891	0	-0.0233	0	-51.8066
NE+3.30	B32	32	B241	0.4473	0	-48.0149	0	-0.0233	0	-45.849
NE+3.30	B32	32	B241	0.5695	0	-46.381	0	-0.0233	0	-40.0753
NE+3.30	B32	32	B241	0.6918	0	-44.4877	0	-0.0233	0	-34.5173
NE+3.30	B32	32	B241	0.8141	0	-42.3348	0	-0.0233	0	-29.2066
NE+3.30	B32	32	B241	0.9364	0	-40.1007	0	-0.0233	0	-24.1691
NE+3.30	B32	32	B241	1.0586	0	-38.1186	0	-0.0233	0	-19.3896
NE+3.30	B32	32	B241	1.1809	0	-36.3961	0	-0.0233	0	-14.8367
NE+3.30	B32	32	B241	1.3032	0	-34.933	0	-0.0233	0	-10.4786
NE+3.30	B32	32	B241	1.4255	0	-33.7295	0	-0.0233	0	-6.2834
NE+3.30	B32	32	B241	1.5477	0	-32.7856	0	-0.0233	0	-2.2196
NE+3.30	B32	32	B241	1.67	0	-32.1012	0	-0.0233	0	1.7447
NE+3.30	B32	32	B242	0.325	0	-69.5672	0	-0.3069	0	-71.3811
NE+3.30	B32	32	B242	0.4473	0	-67.6338	0	-0.3069	0	-62.9884
NE+3.30	B32	32	B242	0.5695	0	-65.2388	0	-0.3069	0	-54.8604
NE+3.30	B32	32	B242	0.6918	0	-62.3821	0	-0.3069	0	-47.0534

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B32	32	B242	0.8141	0	-59.0637	0	-0.3069	0	-39.6239
NE+3.30	B32	32	B242	0.9364	0	-55.6009	0	-0.3069	0	-32.6177
NE+3.30	B32	32	B242	1.0586	0	-52.5863	0	-0.3069	0	-26.0083
NE+3.30	B32	32	B242	1.1809	0	-50.0333	0	-0.3069	0	-19.7392
NE+3.30	B32	32	B242	1.3032	0	-47.9421	0	-0.3069	0	-13.754
NE+3.30	B32	32	B242	1.4255	0	-46.3125	0	-0.3069	0	-7.9963
NE+3.30	B32	32	B242	1.5477	0	-45.1446	0	-0.3069	0	-2.4097
NE+3.30	B32	32	B242	1.67	0	-44.4384	0	-0.3069	0	3.0624
NE+3.30	B33	33	Pprop	0.325	0	-8.8514	0	-1.4996	0	-8.9884
NE+3.30	B33	33	Pprop	0.4473	0	-8.4236	0	-1.4996	0	-7.9322
NE+3.30	B33	33	Pprop	0.5695	0	-7.9957	0	-1.4996	0	-6.9284
NE+3.30	B33	33	Pprop	0.6918	0	-7.5679	0	-1.4996	0	-5.9769
NE+3.30	B33	33	Pprop	0.8141	0	-7.14	0	-1.4996	0	-5.0777
NE+3.30	B33	33	Pprop	0.9364	0	-6.7122	0	-1.4996	0	-4.2308
NE+3.30	B33	33	Pprop	1.0586	0	-6.2843	0	-1.4996	0	-3.4363
NE+3.30	B33	33	Pprop	1.1809	0	-5.8564	0	-1.4996	0	-2.6941
NE+3.30	B33	33	Pprop	1.3032	0	-5.4286	0	-1.4996	0	-2.0041
NE+3.30	B33	33	Pprop	1.4255	0	-5.0007	0	-1.4996	0	-1.3665
NE+3.30	B33	33	Pprop	1.5477	0	-4.5729	0	-1.4996	0	-0.7812
NE+3.30	B33	33	Pprop	1.67	0	-4.145	0	-1.4996	0	-0.2482
NE+3.30	B33	33	Viva	0.325	0	-7.1666	0	-1.1205	0	-7.0018
NE+3.30	B33	33	Viva	0.4473	0	-6.9305	0	-1.1205	0	-6.1392
NE+3.30	B33	33	Viva	0.5695	0	-6.6197	0	-1.1205	0	-5.31
NE+3.30	B33	33	Viva	0.6918	0	-6.2341	0	-1.1205	0	-4.5234
NE+3.30	B33	33	Viva	0.8141	0	-5.7738	0	-1.1205	0	-3.7886
NE+3.30	B33	33	Viva	0.9364	0	-5.2901	0	-1.1205	0	-3.1128
NE+3.30	B33	33	Viva	1.0586	0	-4.8789	0	-1.1205	0	-2.4919
NE+3.30	B33	33	Viva	1.1809	0	-4.5425	0	-1.1205	0	-1.9166
NE+3.30	B33	33	Viva	1.3032	0	-4.2809	0	-1.1205	0	-1.378
NE+3.30	B33	33	Viva	1.4255	0	-4.094	0	-1.1205	0	-0.8667
NE+3.30	B33	33	Viva	1.5477	0	-3.9819	0	-1.1205	0	-0.3738
NE+3.30	B33	33	Viva	1.67	0	-3.9445	0	-1.1205	0	0.1101
NE+3.30	B33	33	Psup	0.325	0	-9.9918	0	-1.827	0	-10.1455
NE+3.30	B33	33	Psup	0.4473	0	-9.6756	0	-1.827	0	-8.9421
NE+3.30	B33	33	Psup	0.5695	0	-9.2594	0	-1.827	0	-7.7835
NE+3.30	B33	33	Psup	0.6918	0	-8.743	0	-1.827	0	-6.6819
NE+3.30	B33	33	Psup	0.8141	0	-8.1265	0	-1.827	0	-5.6495
NE+3.30	B33	33	Psup	0.9364	0	-7.4787	0	-1.827	0	-4.6963
NE+3.30	B33	33	Psup	1.0586	0	-6.9281	0	-1.827	0	-3.8165
NE+3.30	B33	33	Psup	1.1809	0	-6.4776	0	-1.827	0	-2.998
NE+3.30	B33	33	Psup	1.3032	0	-6.1273	0	-1.827	0	-2.2284
NE+3.30	B33	33	Psup	1.4255	0	-5.877	0	-1.827	0	-1.4955
NE+3.30	B33	33	Psup	1.5477	0	-5.7268	0	-1.827	0	-0.7871
NE+3.30	B33	33	Psup	1.67	0	-5.6768	0	-1.827	0	-0.091
NE+3.30	B33	33	Viva.cub	0.325	0	0.0299	0	0.0433	0	0.0515

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B33	33	Viva.cub	0.4473	0	0.0299	0	0.0433	0	0.0479
NE+3.30	B33	33	Viva.cub	0.5695	0	0.0299	0	0.0433	0	0.0442
NE+3.30	B33	33	Viva.cub	0.6918	0	0.0299	0	0.0433	0	0.0406
NE+3.30	B33	33	Viva.cub	0.8141	0	0.0299	0	0.0433	0	0.0369
NE+3.30	B33	33	Viva.cub	0.9364	0	0.0299	0	0.0433	0	0.0333
NE+3.30	B33	33	Viva.cub	1.0586	0	0.0299	0	0.0433	0	0.0296
NE+3.30	B33	33	Viva.cub	1.1809	0	0.0299	0	0.0433	0	0.026
NE+3.30	B33	33	Viva.cub	1.3032	0	0.0299	0	0.0433	0	0.0223
NE+3.30	B33	33	Viva.cub	1.4255	0	0.0299	0	0.0433	0	0.0187
NE+3.30	B33	33	Viva.cub	1.5477	0	0.0299	0	0.0433	0	0.015
NE+3.30	B33	33	Viva.cub	1.67	0	0.0299	0	0.0433	0	0.0114
NE+3.30	B33	33	DISX-COMB Max	0.325	0	2.2702	0	13.6431	0	3.1109
NE+3.30	B33	33	DISX-COMB Max	0.4473	0	2.2702	0	13.6431	0	2.8478
NE+3.30	B33	33	DISX-COMB Max	0.5695	0	2.2702	0	13.6431	0	2.5878
NE+3.30	B33	33	DISX-COMB Max	0.6918	0	2.2702	0	13.6431	0	2.3318
NE+3.30	B33	33	DISX-COMB Max	0.8141	0	2.2702	0	13.6431	0	2.0813
NE+3.30	B33	33	DISX-COMB Max	0.9364	0	2.2702	0	13.6431	0	1.8387
NE+3.30	B33	33	DISX-COMB Max	1.0586	0	2.2702	0	13.6431	0	1.6074
NE+3.30	B33	33	DISX-COMB Max	1.1809	0	2.2702	0	13.6431	0	1.3931
NE+3.30	B33	33	DISX-COMB Max	1.3032	0	2.2702	0	13.6431	0	1.205
NE+3.30	B33	33	DISX-COMB Max	1.4255	0	2.2702	0	13.6431	0	1.057
NE+3.30	B33	33	DISX-COMB Max	1.5477	0	2.2702	0	13.6431	0	0.9678
NE+3.30	B33	33	DISX-COMB Max	1.67	0	2.2702	0	13.6431	0	0.954
NE+3.30	B33	33	DISY-COMB Max	0.325	0	6.138	0	8.0267	0	10.6199
NE+3.30	B33	33	DISY-COMB Max	0.4473	0	6.138	0	8.0267	0	9.8694
NE+3.30	B33	33	DISY-COMB Max	0.5695	0	6.138	0	8.0267	0	9.1189
NE+3.30	B33	33	DISY-COMB Max	0.6918	0	6.138	0	8.0267	0	8.3684
NE+3.30	B33	33	DISY-COMB Max	0.8141	0	6.138	0	8.0267	0	7.6179
NE+3.30	B33	33	DISY-COMB Max	0.9364	0	6.138	0	8.0267	0	6.8675
NE+3.30	B33	33	DISY-COMB Max	1.0586	0	6.138	0	8.0267	0	6.117
NE+3.30	B33	33	DISY-COMB Max	1.1809	0	6.138	0	8.0267	0	5.3666
NE+3.30	B33	33	DISY-COMB Max	1.3032	0	6.138	0	8.0267	0	4.6162
NE+3.30	B33	33	DISY-COMB Max	1.4255	0	6.138	0	8.0267	0	3.8658
NE+3.30	B33	33	DISY-COMB Max	1.5477	0	6.138	0	8.0267	0	3.1155
NE+3.30	B33	33	DISY-COMB Max	1.67	0	6.138	0	8.0267	0	2.3654
NE+3.30	B33	33	B241	0.325	0	-24.4264	0	-4.3122	0	-24.8032
NE+3.30	B33	33	B241	0.4473	0	-23.4619	0	-4.3122	0	-21.8741
NE+3.30	B33	33	B241	0.5695	0	-22.3677	0	-4.3122	0	-19.071
NE+3.30	B33	33	B241	0.6918	0	-21.1437	0	-4.3122	0	-16.4095
NE+3.30	B33	33	B241	0.8141	0	-19.79	0	-4.3122	0	-13.9057
NE+3.30	B33	33	B241	0.9364	0	-18.3956	0	-4.3122	0	-11.5722
NE+3.30	B33	33	B241	1.0586	0	-17.1272	0	-4.3122	0	-9.4018
NE+3.30	B33	33	B241	1.1809	0	-15.9886	0	-4.3122	0	-7.3786
NE+3.30	B33	33	B241	1.3032	0	-14.9798	0	-4.3122	0	-5.4866
NE+3.30	B33	33	B241	1.4255	0	-14.1007	0	-4.3122	0	-3.71

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B33	33	B241	1.5477	0	-13.3515	0	-4.3122	0	-2.033
NE+3.30	B33	33	B241	1.67	0	-12.7319	0	-4.3122	0	-0.4397
NE+3.30	B33	33	B242	0.325	0	-32.3885	0	-5.4673	0	-32.437
NE+3.30	B33	33	B242	0.4473	0	-31.1841	0	-5.4673	0	-28.5481
NE+3.30	B33	33	B242	0.5695	0	-29.7489	0	-5.4673	0	-24.8205
NE+3.30	B33	33	B242	0.6918	0	-28.0828	0	-5.4673	0	-21.2825
NE+3.30	B33	33	B242	0.8141	0	-26.1859	0	-5.4673	0	-17.9624
NE+3.30	B33	33	B242	0.9364	0	-24.2168	0	-5.4673	0	-14.8829
NE+3.30	B33	33	B242	1.0586	0	-22.4718	0	-5.4673	0	-12.0309
NE+3.30	B33	33	B242	1.1809	0	-20.9577	0	-5.4673	0	-9.3781
NE+3.30	B33	33	B242	1.3032	0	-19.6743	0	-5.4673	0	-6.8964
NE+3.30	B33	33	B242	1.4255	0	-18.6218	0	-5.4673	0	-4.5575
NE+3.30	B33	33	B242	1.5477	0	-17.8002	0	-5.4673	0	-2.3331
NE+3.30	B33	33	B242	1.67	0	-17.2094	0	-5.4673	0	-0.1951
NE+3.30	B78	93	Pprop	0	0	-8.7149	0	0.1134	0	-11.4401
NE+3.30	B78	93	Pprop	0.1518	0	-8.3607	0	0.1134	0	-10.144
NE+3.30	B78	93	Pprop	0.3036	0	-8.0065	0	0.1134	0	-8.9015
NE+3.30	B78	93	Pprop	0.4555	0	-7.6524	0	0.1134	0	-7.7129
NE+3.30	B78	93	Pprop	0.6073	0	-7.2982	0	0.1134	0	-6.578
NE+3.30	B78	93	Pprop	0.7591	0	-6.944	0	0.1134	0	-5.4969
NE+3.30	B78	93	Pprop	0.9109	0	-6.5899	0	0.1134	0	-4.4695
NE+3.30	B78	93	Pprop	1.0627	0	-6.2357	0	0.1134	0	-3.496
NE+3.30	B78	93	Pprop	1.2145	0	-5.8816	0	0.1134	0	-2.5761
NE+3.30	B78	93	Pprop	1.3664	0	-5.5274	0	0.1134	0	-1.7101
NE+3.30	B78	93	Pprop	1.5182	0	-5.1732	0	0.1134	0	-0.8978
NE+3.30	B78	93	Pprop	1.67	0	-4.8191	0	0.1134	0	-0.1393
NE+3.30	B78	93	Viva	0	0	-14.6059	0	0.8562	0	-19.4163
NE+3.30	B78	93	Viva	0.1518	0	-14.4907	0	0.8562	0	-17.2047
NE+3.30	B78	93	Viva	0.3036	0	-14.145	0	0.8562	0	-15.0281
NE+3.30	B78	93	Viva	0.4555	0	-13.5688	0	0.8562	0	-12.9214
NE+3.30	B78	93	Viva	0.6073	0	-12.762	0	0.8562	0	-10.9198
NE+3.30	B78	93	Viva	0.7591	0	-11.7249	0	0.8562	0	-9.0581
NE+3.30	B78	93	Viva	0.9109	0	-10.5148	0	0.8562	0	-7.3699
NE+3.30	B78	93	Viva	1.0627	0	-9.4776	0	0.8562	0	-5.8552
NE+3.30	B78	93	Viva	1.2145	0	-8.6709	0	0.8562	0	-4.4805
NE+3.30	B78	93	Viva	1.3664	0	-8.0947	0	0.8562	0	-3.2107
NE+3.30	B78	93	Viva	1.5182	0	-7.7489	0	0.8562	0	-2.011
NE+3.30	B78	93	Viva	1.67	0	-7.6337	0	0.8562	0	-0.8462
NE+3.30	B78	93	Psup	0	0	-18.5389	0	0.7135	0	-23.8885
NE+3.30	B78	93	Psup	0.1518	0	-18.3846	0	0.7135	0	-21.0818
NE+3.30	B78	93	Psup	0.3036	0	-17.9216	0	0.7135	0	-18.3219
NE+3.30	B78	93	Psup	0.4555	0	-17.1499	0	0.7135	0	-15.6558
NE+3.30	B78	93	Psup	0.6073	0	-16.0696	0	0.7135	0	-13.1302
NE+3.30	B78	93	Psup	0.7591	0	-14.6806	0	0.7135	0	-10.7921
NE+3.30	B78	93	Psup	0.9109	0	-13.0601	0	0.7135	0	-8.6863

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B78	93	Psup	1.0627	0	-11.671	0	0.7135	0	-6.8129
NE+3.30	B78	93	Psup	1.2145	0	-10.5907	0	0.7135	0	-5.127
NE+3.30	B78	93	Psup	1.3664	0	-9.819	0	0.7135	0	-3.5816
NE+3.30	B78	93	Psup	1.5182	0	-9.356	0	0.7135	0	-2.1299
NE+3.30	B78	93	Psup	1.67	0	-9.2017	0	0.7135	0	-0.7251
NE+3.30	B78	93	Viva.cub	0	0	-0.019	0	0.0059	0	-0.0379
NE+3.30	B78	93	Viva.cub	0.1518	0	-0.019	0	0.0059	0	-0.035
NE+3.30	B78	93	Viva.cub	0.3036	0	-0.019	0	0.0059	0	-0.0321
NE+3.30	B78	93	Viva.cub	0.4555	0	-0.019	0	0.0059	0	-0.0292
NE+3.30	B78	93	Viva.cub	0.6073	0	-0.019	0	0.0059	0	-0.0264
NE+3.30	B78	93	Viva.cub	0.7591	0	-0.019	0	0.0059	0	-0.0235
NE+3.30	B78	93	Viva.cub	0.9109	0	-0.019	0	0.0059	0	-0.0206
NE+3.30	B78	93	Viva.cub	1.0627	0	-0.019	0	0.0059	0	-0.0177
NE+3.30	B78	93	Viva.cub	1.2145	0	-0.019	0	0.0059	0	-0.0148
NE+3.30	B78	93	Viva.cub	1.3664	0	-0.019	0	0.0059	0	-0.012
NE+3.30	B78	93	Viva.cub	1.5182	0	-0.019	0	0.0059	0	-0.0091
NE+3.30	B78	93	Viva.cub	1.67	0	-0.019	0	0.0059	0	-0.0062
NE+3.30	B78	93	DISX-COMB Max	0	0	2.0646	0	1.3586	0	3.0737
NE+3.30	B78	93	DISX-COMB Max	0.1518	0	2.0646	0	1.3586	0	2.7615
NE+3.30	B78	93	DISX-COMB Max	0.3036	0	2.0646	0	1.3586	0	2.4497
NE+3.30	B78	93	DISX-COMB Max	0.4555	0	2.0646	0	1.3586	0	2.1384
NE+3.30	B78	93	DISX-COMB Max	0.6073	0	2.0646	0	1.3586	0	1.8277
NE+3.30	B78	93	DISX-COMB Max	0.7591	0	2.0646	0	1.3586	0	1.5182
NE+3.30	B78	93	DISX-COMB Max	0.9109	0	2.0646	0	1.3586	0	1.2108
NE+3.30	B78	93	DISX-COMB Max	1.0627	0	2.0646	0	1.3586	0	0.9075
NE+3.30	B78	93	DISX-COMB Max	1.2145	0	2.0646	0	1.3586	0	0.6144
NE+3.30	B78	93	DISX-COMB Max	1.3664	0	2.0646	0	1.3586	0	0.3576
NE+3.30	B78	93	DISX-COMB Max	1.5182	0	2.0646	0	1.3586	0	0.2735
NE+3.30	B78	93	DISX-COMB Max	1.67	0	2.0646	0	1.3586	0	0.4672
NE+3.30	B78	93	DISY-COMB Max	0	0	3.8815	0	1.616	0	7.691
NE+3.30	B78	93	DISY-COMB Max	0.1518	0	3.8815	0	1.616	0	7.1017
NE+3.30	B78	93	DISY-COMB Max	0.3036	0	3.8815	0	1.616	0	6.5125
NE+3.30	B78	93	DISY-COMB Max	0.4555	0	3.8815	0	1.616	0	5.9232
NE+3.30	B78	93	DISY-COMB Max	0.6073	0	3.8815	0	1.616	0	5.334
NE+3.30	B78	93	DISY-COMB Max	0.7591	0	3.8815	0	1.616	0	4.7448
NE+3.30	B78	93	DISY-COMB Max	0.9109	0	3.8815	0	1.616	0	4.1556
NE+3.30	B78	93	DISY-COMB Max	1.0627	0	3.8815	0	1.616	0	3.5665
NE+3.30	B78	93	DISY-COMB Max	1.2145	0	3.8815	0	1.616	0	2.9774
NE+3.30	B78	93	DISY-COMB Max	1.3664	0	3.8815	0	1.616	0	2.3884
NE+3.30	B78	93	DISY-COMB Max	1.5182	0	3.8815	0	1.616	0	1.7996
NE+3.30	B78	93	DISY-COMB Max	1.67	0	3.8815	0	1.616	0	1.2112
NE+3.30	B78	93	B241	0	0	-35.329	0	1.0719	0	-45.7964
NE+3.30	B78	93	B241	0.1518	0	-34.6698	0	1.0719	0	-40.4778
NE+3.30	B78	93	B241	0.3036	0	-33.6105	0	1.0719	0	-35.2897
NE+3.30	B78	93	B241	0.4555	0	-32.1511	0	1.0719	0	-30.2927

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B78	93	B241	0.6073	0	-30.2916	0	1.0719	0	-25.5477
NE+3.30	B78	93	B241	0.7591	0	-28.0319	0	1.0719	0	-21.1153
NE+3.30	B78	93	B241	0.9109	0	-25.4721	0	1.0719	0	-17.0539
NE+3.30	B78	93	B241	1.0627	0	-23.2125	0	1.0719	0	-13.3633
NE+3.30	B78	93	B241	1.2145	0	-21.3529	0	1.0719	0	-9.9855
NE+3.30	B78	93	B241	1.3664	0	-19.8935	0	1.0719	0	-6.8596
NE+3.30	B78	93	B241	1.5182	0	-18.8342	0	1.0719	0	-3.9248
NE+3.30	B78	93	B241	1.67	0	-18.1751	0	1.0719	0	-1.1206
NE+3.30	B78	93	B242	0	0	-53.661	0	2.2916	0	-70.3391
NE+3.30	B78	93	B242	0.1518	0	-52.9116	0	2.2916	0	-62.2403
NE+3.30	B78	93	B242	0.3036	0	-51.4505	0	2.2916	0	-54.3092
NE+3.30	B78	93	B242	0.4555	0	-49.2776	0	2.2916	0	-46.6541
NE+3.30	B78	93	B242	0.6073	0	-46.393	0	2.2916	0	-39.3828
NE+3.30	B78	93	B242	0.7591	0	-42.7966	0	2.2916	0	-32.6035
NE+3.30	B78	93	B242	0.9109	0	-38.6664	0	2.2916	0	-26.4197
NE+3.30	B78	93	B242	1.0627	0	-35.0701	0	2.2916	0	-20.8314
NE+3.30	B78	93	B242	1.2145	0	-32.1854	0	2.2916	0	-15.7352
NE+3.30	B78	93	B242	1.3664	0	-30.0126	0	2.2916	0	-11.0228
NE+3.30	B78	93	B242	1.5182	0	-28.5514	0	2.2916	0	-6.5862
NE+3.30	B78	93	B242	1.67	0	-27.802	0	2.2916	0	-2.3175
NE+3.30	B79	94	Pprop	0	0	-8.6081	0	-0.0841	0	-11.3192
NE+3.30	B79	94	Pprop	0.1518	0	-8.254	0	-0.0841	0	-10.0393
NE+3.30	B79	94	Pprop	0.3036	0	-7.8998	0	-0.0841	0	-8.813
NE+3.30	B79	94	Pprop	0.4555	0	-7.5457	0	-0.0841	0	-7.6406
NE+3.30	B79	94	Pprop	0.6073	0	-7.1915	0	-0.0841	0	-6.5219
NE+3.30	B79	94	Pprop	0.7591	0	-6.8373	0	-0.0841	0	-5.457
NE+3.30	B79	94	Pprop	0.9109	0	-6.4832	0	-0.0841	0	-4.4458
NE+3.30	B79	94	Pprop	1.0627	0	-6.129	0	-0.0841	0	-3.4885
NE+3.30	B79	94	Pprop	1.2145	0	-5.7748	0	-0.0841	0	-2.5848
NE+3.30	B79	94	Pprop	1.3664	0	-5.4207	0	-0.0841	0	-1.735
NE+3.30	B79	94	Pprop	1.5182	0	-5.0665	0	-0.0841	0	-0.9389
NE+3.30	B79	94	Pprop	1.67	0	-4.7124	0	-0.0841	0	-0.1966
NE+3.30	B79	94	Viva	0	0	-14.5837	0	-0.7792	0	-19.3346
NE+3.30	B79	94	Viva	0.1518	0	-14.4685	0	-0.7792	0	-17.1263
NE+3.30	B79	94	Viva	0.3036	0	-14.1227	0	-0.7792	0	-14.9531
NE+3.30	B79	94	Viva	0.4555	0	-13.5465	0	-0.7792	0	-12.8498
NE+3.30	B79	94	Viva	0.6073	0	-12.7398	0	-0.7792	0	-10.8515
NE+3.30	B79	94	Viva	0.7591	0	-11.7026	0	-0.7792	0	-8.9932
NE+3.30	B79	94	Viva	0.9109	0	-10.4925	0	-0.7792	0	-7.3084
NE+3.30	B79	94	Viva	1.0627	0	-9.4554	0	-0.7792	0	-5.7971
NE+3.30	B79	94	Viva	1.2145	0	-8.6486	0	-0.7792	0	-4.4257
NE+3.30	B79	94	Viva	1.3664	0	-8.0724	0	-0.7792	0	-3.1594
NE+3.30	B79	94	Viva	1.5182	0	-7.7267	0	-0.7792	0	-1.963
NE+3.30	B79	94	Viva	1.67	0	-7.6114	0	-0.7792	0	-0.8016
NE+3.30	B79	94	Psup	0	0	-18.5206	0	-0.62	0	-23.8707

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B79	94	Psup	0.1518	0	-18.3663	0	-0.62	0	-21.0668
NE+3.30	B79	94	Psup	0.3036	0	-17.9033	0	-0.62	0	-18.3097
NE+3.30	B79	94	Psup	0.4555	0	-17.1316	0	-0.62	0	-15.6463
NE+3.30	B79	94	Psup	0.6073	0	-16.0513	0	-0.62	0	-13.1235
NE+3.30	B79	94	Psup	0.7591	0	-14.6622	0	-0.62	0	-10.7882
NE+3.30	B79	94	Psup	0.9109	0	-13.0417	0	-0.62	0	-8.6852
NE+3.30	B79	94	Psup	1.0627	0	-11.6527	0	-0.62	0	-6.8146
NE+3.30	B79	94	Psup	1.2145	0	-10.5724	0	-0.62	0	-5.1314
NE+3.30	B79	94	Psup	1.3664	0	-9.8007	0	-0.62	0	-3.5888
NE+3.30	B79	94	Psup	1.5182	0	-9.3377	0	-0.62	0	-2.1399
NE+3.30	B79	94	Psup	1.67	0	-9.1834	0	-0.62	0	-0.7379
NE+3.30	B79	94	Viva.cub	0	0	-0.0318	0	-0.0085	0	-0.0557
NE+3.30	B79	94	Viva.cub	0.1518	0	-0.0318	0	-0.0085	0	-0.0508
NE+3.30	B79	94	Viva.cub	0.3036	0	-0.0318	0	-0.0085	0	-0.046
NE+3.30	B79	94	Viva.cub	0.4555	0	-0.0318	0	-0.0085	0	-0.0412
NE+3.30	B79	94	Viva.cub	0.6073	0	-0.0318	0	-0.0085	0	-0.0363
NE+3.30	B79	94	Viva.cub	0.7591	0	-0.0318	0	-0.0085	0	-0.0315
NE+3.30	B79	94	Viva.cub	0.9109	0	-0.0318	0	-0.0085	0	-0.0267
NE+3.30	B79	94	Viva.cub	1.0627	0	-0.0318	0	-0.0085	0	-0.0218
NE+3.30	B79	94	Viva.cub	1.2145	0	-0.0318	0	-0.0085	0	-0.017
NE+3.30	B79	94	Viva.cub	1.3664	0	-0.0318	0	-0.0085	0	-0.0122
NE+3.30	B79	94	Viva.cub	1.5182	0	-0.0318	0	-0.0085	0	-0.0073
NE+3.30	B79	94	Viva.cub	1.67	0	-0.0318	0	-0.0085	0	-0.0025
NE+3.30	B79	94	DISX-COMB Max	0	0	1.1355	0	0.9234	0	1.4415
NE+3.30	B79	94	DISX-COMB Max	0.1518	0	1.1355	0	0.9234	0	1.2757
NE+3.30	B79	94	DISX-COMB Max	0.3036	0	1.1355	0	0.9234	0	1.1119
NE+3.30	B79	94	DISX-COMB Max	0.4555	0	1.1355	0	0.9234	0	0.9512
NE+3.30	B79	94	DISX-COMB Max	0.6073	0	1.1355	0	0.9234	0	0.7953
NE+3.30	B79	94	DISX-COMB Max	0.7591	0	1.1355	0	0.9234	0	0.6479
NE+3.30	B79	94	DISX-COMB Max	0.9109	0	1.1355	0	0.9234	0	0.5162
NE+3.30	B79	94	DISX-COMB Max	1.0627	0	1.1355	0	0.9234	0	0.4155
NE+3.30	B79	94	DISX-COMB Max	1.2145	0	1.1355	0	0.9234	0	0.3718
NE+3.30	B79	94	DISX-COMB Max	1.3664	0	1.1355	0	0.9234	0	0.4041
NE+3.30	B79	94	DISX-COMB Max	1.5182	0	1.1355	0	0.9234	0	0.4977
NE+3.30	B79	94	DISX-COMB Max	1.67	0	1.1355	0	0.9234	0	0.6258
NE+3.30	B79	94	DISY-COMB Max	0	0	3.6535	0	1.3647	0	7.174
NE+3.30	B79	94	DISY-COMB Max	0.1518	0	3.6535	0	1.3647	0	6.6194
NE+3.30	B79	94	DISY-COMB Max	0.3036	0	3.6535	0	1.3647	0	6.0647
NE+3.30	B79	94	DISY-COMB Max	0.4555	0	3.6535	0	1.3647	0	5.5101
NE+3.30	B79	94	DISY-COMB Max	0.6073	0	3.6535	0	1.3647	0	4.9555
NE+3.30	B79	94	DISY-COMB Max	0.7591	0	3.6535	0	1.3647	0	4.4009
NE+3.30	B79	94	DISY-COMB Max	0.9109	0	3.6535	0	1.3647	0	3.8463
NE+3.30	B79	94	DISY-COMB Max	1.0627	0	3.6535	0	1.3647	0	3.2917
NE+3.30	B79	94	DISY-COMB Max	1.2145	0	3.6535	0	1.3647	0	2.7371
NE+3.30	B79	94	DISY-COMB Max	1.3664	0	3.6535	0	1.3647	0	2.1827

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B79	94	DISY-COMB Max	1.5182	0	3.6535	0	1.3647	0	1.6283
NE+3.30	B79	94	DISY-COMB Max	1.67	0	3.6535	0	1.3647	0	1.0743
NE+3.30	B79	94	B241	0	0	-35.1669	0	-0.9128	0	-45.6166
NE+3.30	B79	94	B241	0.1518	0	-34.5077	0	-0.9128	0	-40.3226
NE+3.30	B79	94	B241	0.3036	0	-33.4484	0	-0.9128	0	-35.1591
NE+3.30	B79	94	B241	0.4555	0	-31.989	0	-0.9128	0	-30.1867
NE+3.30	B79	94	B241	0.6073	0	-30.1295	0	-0.9128	0	-25.4663
NE+3.30	B79	94	B241	0.7591	0	-27.8698	0	-0.9128	0	-21.0586
NE+3.30	B79	94	B241	0.9109	0	-25.3101	0	-0.9128	0	-17.0217
NE+3.30	B79	94	B241	1.0627	0	-23.0504	0	-0.9128	0	-13.3558
NE+3.30	B79	94	B241	1.2145	0	-21.1909	0	-0.9128	0	-10.0025
NE+3.30	B79	94	B241	1.3664	0	-19.7314	0	-0.9128	0	-6.9012
NE+3.30	B79	94	B241	1.5182	0	-18.6721	0	-0.9128	0	-3.9911
NE+3.30	B79	94	B241	1.67	0	-18.013	0	-0.9128	0	-1.2114
NE+3.30	B79	94	B242	0	0	-53.4929	0	-2.0334	0	-70.0631
NE+3.30	B79	94	B242	0.1518	0	-52.7435	0	-2.0334	0	-61.9898
NE+3.30	B79	94	B242	0.3036	0	-51.2824	0	-2.0334	0	-54.0843
NE+3.30	B79	94	B242	0.4555	0	-49.1095	0	-2.0334	0	-46.4546
NE+3.30	B79	94	B242	0.6073	0	-46.2249	0	-2.0334	0	-39.2089
NE+3.30	B79	94	B242	0.7591	0	-42.6285	0	-2.0334	0	-32.4551
NE+3.30	B79	94	B242	0.9109	0	-38.4983	0	-2.0334	0	-26.2968
NE+3.30	B79	94	B242	1.0627	0	-34.902	0	-2.0334	0	-20.7341
NE+3.30	B79	94	B242	1.2145	0	-32.0173	0	-2.0334	0	-15.6633
NE+3.30	B79	94	B242	1.3664	0	-29.8445	0	-2.0334	0	-10.9764
NE+3.30	B79	94	B242	1.5182	0	-28.3833	0	-2.0334	0	-6.5654
NE+3.30	B79	94	B242	1.67	0	-27.6339	0	-2.0334	0	-2.3222
NE+3.30	B80	95	Pprop	0	0	-8.634	0	0.0724	0	-11.3679
NE+3.30	B80	95	Pprop	0.1518	0	-8.2799	0	0.0724	0	-10.0839
NE+3.30	B80	95	Pprop	0.3036	0	-7.9257	0	0.0724	0	-8.8538
NE+3.30	B80	95	Pprop	0.4555	0	-7.5715	0	0.0724	0	-7.6774
NE+3.30	B80	95	Pprop	0.6073	0	-7.2174	0	0.0724	0	-6.5548
NE+3.30	B80	95	Pprop	0.7591	0	-6.8632	0	0.0724	0	-5.486
NE+3.30	B80	95	Pprop	0.9109	0	-6.509	0	0.0724	0	-4.4709
NE+3.30	B80	95	Pprop	1.0627	0	-6.1549	0	0.0724	0	-3.5096
NE+3.30	B80	95	Pprop	1.2145	0	-5.8007	0	0.0724	0	-2.602
NE+3.30	B80	95	Pprop	1.3664	0	-5.4466	0	0.0724	0	-1.7483
NE+3.30	B80	95	Pprop	1.5182	0	-5.0924	0	0.0724	0	-0.9483
NE+3.30	B80	95	Pprop	1.67	0	-4.7382	0	0.0724	0	-0.202
NE+3.30	B80	95	Viva	0	0	-14.5245	0	0.7622	0	-19.2511
NE+3.30	B80	95	Viva	0.1518	0	-14.4093	0	0.7622	0	-17.0518
NE+3.30	B80	95	Viva	0.3036	0	-14.0635	0	0.7622	0	-14.8876
NE+3.30	B80	95	Viva	0.4555	0	-13.4873	0	0.7622	0	-12.7933
NE+3.30	B80	95	Viva	0.6073	0	-12.6806	0	0.7622	0	-10.804
NE+3.30	B80	95	Viva	0.7591	0	-11.6434	0	0.7622	0	-8.9547
NE+3.30	B80	95	Viva	0.9109	0	-10.4334	0	0.7622	0	-7.2788

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B80	95	Viva	1.0627	0	-9.3962	0	0.7622	0	-5.7765
NE+3.30	B80	95	Viva	1.2145	0	-8.5895	0	0.7622	0	-4.4142
NE+3.30	B80	95	Viva	1.3664	0	-8.0132	0	0.7622	0	-3.1568
NE+3.30	B80	95	Viva	1.5182	0	-7.6675	0	0.7622	0	-1.9694
NE+3.30	B80	95	Viva	1.67	0	-7.5523	0	0.7622	0	-0.817
NE+3.30	B80	95	Psup	0	0	-18.5568	0	0.6017	0	-23.9545
NE+3.30	B80	95	Psup	0.1518	0	-18.4025	0	0.6017	0	-21.145
NE+3.30	B80	95	Psup	0.3036	0	-17.9395	0	0.6017	0	-18.3824
NE+3.30	B80	95	Psup	0.4555	0	-17.1678	0	0.6017	0	-15.7136
NE+3.30	B80	95	Psup	0.6073	0	-16.0875	0	0.6017	0	-13.1853
NE+3.30	B80	95	Psup	0.7591	0	-14.6985	0	0.6017	0	-10.8444
NE+3.30	B80	95	Psup	0.9109	0	-13.078	0	0.6017	0	-8.736
NE+3.30	B80	95	Psup	1.0627	0	-11.6889	0	0.6017	0	-6.8598
NE+3.30	B80	95	Psup	1.2145	0	-10.6086	0	0.6017	0	-5.1712
NE+3.30	B80	95	Psup	1.3664	0	-9.8369	0	0.6017	0	-3.6231
NE+3.30	B80	95	Psup	1.5182	0	-9.3739	0	0.6017	0	-2.1687
NE+3.30	B80	95	Psup	1.67	0	-9.2196	0	0.6017	0	-0.7612
NE+3.30	B80	95	Viva.cub	0	0	-0.0312	0	0.0092	0	-0.0613
NE+3.30	B80	95	Viva.cub	0.1518	0	-0.0312	0	0.0092	0	-0.0566
NE+3.30	B80	95	Viva.cub	0.3036	0	-0.0312	0	0.0092	0	-0.0518
NE+3.30	B80	95	Viva.cub	0.4555	0	-0.0312	0	0.0092	0	-0.0471
NE+3.30	B80	95	Viva.cub	0.6073	0	-0.0312	0	0.0092	0	-0.0424
NE+3.30	B80	95	Viva.cub	0.7591	0	-0.0312	0	0.0092	0	-0.0376
NE+3.30	B80	95	Viva.cub	0.9109	0	-0.0312	0	0.0092	0	-0.0329
NE+3.30	B80	95	Viva.cub	1.0627	0	-0.0312	0	0.0092	0	-0.0282
NE+3.30	B80	95	Viva.cub	1.2145	0	-0.0312	0	0.0092	0	-0.0234
NE+3.30	B80	95	Viva.cub	1.3664	0	-0.0312	0	0.0092	0	-0.0187
NE+3.30	B80	95	Viva.cub	1.5182	0	-0.0312	0	0.0092	0	-0.014
NE+3.30	B80	95	Viva.cub	1.67	0	-0.0312	0	0.0092	0	-0.0092
NE+3.30	B80	95	DISX-COMB Max	0	0	1.0022	0	1.022	0	1.3087
NE+3.30	B80	95	DISX-COMB Max	0.1518	0	1.0022	0	1.022	0	1.1627
NE+3.30	B80	95	DISX-COMB Max	0.3036	0	1.0022	0	1.022	0	1.0186
NE+3.30	B80	95	DISX-COMB Max	0.4555	0	1.0022	0	1.022	0	0.8772
NE+3.30	B80	95	DISX-COMB Max	0.6073	0	1.0022	0	1.022	0	0.7401
NE+3.30	B80	95	DISX-COMB Max	0.7591	0	1.0022	0	1.022	0	0.6101
NE+3.30	B80	95	DISX-COMB Max	0.9109	0	1.0022	0	1.022	0	0.493
NE+3.30	B80	95	DISX-COMB Max	1.0627	0	1.0022	0	1.022	0	0.4003
NE+3.30	B80	95	DISX-COMB Max	1.2145	0	1.0022	0	1.022	0	0.3516
NE+3.30	B80	95	DISX-COMB Max	1.3664	0	1.0022	0	1.022	0	0.3652
NE+3.30	B80	95	DISX-COMB Max	1.5182	0	1.0022	0	1.022	0	0.4352
NE+3.30	B80	95	DISX-COMB Max	1.67	0	1.0022	0	1.022	0	0.5401
NE+3.30	B80	95	DISY-COMB Max	0	0	3.3394	0	1.337	0	6.5874
NE+3.30	B80	95	DISY-COMB Max	0.1518	0	3.3394	0	1.337	0	6.0804
NE+3.30	B80	95	DISY-COMB Max	0.3036	0	3.3394	0	1.337	0	5.5734
NE+3.30	B80	95	DISY-COMB Max	0.4555	0	3.3394	0	1.337	0	5.0665

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B80	95	DISY-COMB Max	0.6073	0	3.3394	0	1.337	0	4.5595
NE+3.30	B80	95	DISY-COMB Max	0.7591	0	3.3394	0	1.337	0	4.0526
NE+3.30	B80	95	DISY-COMB Max	0.9109	0	3.3394	0	1.337	0	3.5456
NE+3.30	B80	95	DISY-COMB Max	1.0627	0	3.3394	0	1.337	0	3.0387
NE+3.30	B80	95	DISY-COMB Max	1.2145	0	3.3394	0	1.337	0	2.5318
NE+3.30	B80	95	DISY-COMB Max	1.3664	0	3.3394	0	1.337	0	2.0249
NE+3.30	B80	95	DISY-COMB Max	1.5182	0	3.3394	0	1.337	0	1.5181
NE+3.30	B80	95	DISY-COMB Max	1.67	0	3.3394	0	1.337	0	1.0114
NE+3.30	B80	95	B241	0	0	-35.2474	0	0.8738	0	-45.7882
NE+3.30	B80	95	B241	0.1518	0	-34.5882	0	0.8738	0	-40.482
NE+3.30	B80	95	B241	0.3036	0	-33.5289	0	0.8738	0	-35.3062
NE+3.30	B80	95	B241	0.4555	0	-32.0695	0	0.8738	0	-30.3216
NE+3.30	B80	95	B241	0.6073	0	-30.21	0	0.8738	0	-25.589
NE+3.30	B80	95	B241	0.7591	0	-27.9503	0	0.8738	0	-21.169
NE+3.30	B80	95	B241	0.9109	0	-25.3906	0	0.8738	0	-17.12
NE+3.30	B80	95	B241	1.0627	0	-23.1309	0	0.8738	0	-13.4418
NE+3.30	B80	95	B241	1.2145	0	-21.2714	0	0.8738	0	-10.0764
NE+3.30	B80	95	B241	1.3664	0	-19.8119	0	0.8738	0	-6.9628
NE+3.30	B80	95	B241	1.5182	0	-18.7526	0	0.8738	0	-4.0405
NE+3.30	B80	95	B241	1.67	0	-18.0935	0	0.8738	0	-1.2486
NE+3.30	B80	95	B242	0	0	-53.4669	0	1.9731	0	-70.0795
NE+3.30	B80	95	B242	0.1518	0	-52.7175	0	1.9731	0	-62.0101
NE+3.30	B80	95	B242	0.3036	0	-51.2564	0	1.9731	0	-54.1085
NE+3.30	B80	95	B242	0.4555	0	-49.0835	0	1.9731	0	-46.4828
NE+3.30	B80	95	B242	0.6073	0	-46.1989	0	1.9731	0	-39.241
NE+3.30	B80	95	B242	0.7591	0	-42.6025	0	1.9731	0	-32.4912
NE+3.30	B80	95	B242	0.9109	0	-38.4723	0	1.9731	0	-26.3369
NE+3.30	B80	95	B242	1.0627	0	-34.8759	0	1.9731	0	-20.7781
NE+3.30	B80	95	B242	1.2145	0	-31.9913	0	1.9731	0	-15.7113
NE+3.30	B80	95	B242	1.3664	0	-29.8184	0	1.9731	0	-11.0283
NE+3.30	B80	95	B242	1.5182	0	-28.3573	0	1.9731	0	-6.6213
NE+3.30	B80	95	B242	1.67	0	-27.6079	0	1.9731	0	-2.382
NE+3.30	B81	96	Pprop	0	0	-8.8653	0	-0.1054	0	-11.6253
NE+3.30	B81	96	Pprop	0.1518	0	-8.5111	0	-0.1054	0	-10.3063
NE+3.30	B81	96	Pprop	0.3036	0	-8.1569	0	-0.1054	0	-9.041
NE+3.30	B81	96	Pprop	0.4555	0	-7.8028	0	-0.1054	0	-7.8295
NE+3.30	B81	96	Pprop	0.6073	0	-7.4486	0	-0.1054	0	-6.6718
NE+3.30	B81	96	Pprop	0.7591	0	-7.0944	0	-0.1054	0	-5.5679
NE+3.30	B81	96	Pprop	0.9109	0	-6.7403	0	-0.1054	0	-4.5177
NE+3.30	B81	96	Pprop	1.0627	0	-6.3861	0	-0.1054	0	-3.5213
NE+3.30	B81	96	Pprop	1.2145	0	-6.032	0	-0.1054	0	-2.5786
NE+3.30	B81	96	Pprop	1.3664	0	-5.6778	0	-0.1054	0	-1.6897
NE+3.30	B81	96	Pprop	1.5182	0	-5.3236	0	-0.1054	0	-0.8546
NE+3.30	B81	96	Pprop	1.67	0	-4.9695	0	-0.1054	0	-0.0733
NE+3.30	B81	96	Viva	0	0	-14.8453	0	-0.833	0	-19.72

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B81	96	Viva	0.1518	0	-14.7301	0	-0.833	0	-17.472
NE+3.30	B81	96	Viva	0.3036	0	-14.3844	0	-0.833	0	-15.259
NE+3.30	B81	96	Viva	0.4555	0	-13.8081	0	-0.833	0	-13.116
NE+3.30	B81	96	Viva	0.6073	0	-13.0014	0	-0.833	0	-11.078
NE+3.30	B81	96	Viva	0.7591	0	-11.9642	0	-0.833	0	-9.18
NE+3.30	B81	96	Viva	0.9109	0	-10.7542	0	-0.833	0	-7.4555
NE+3.30	B81	96	Viva	1.0627	0	-9.717	0	-0.833	0	-5.9044
NE+3.30	B81	96	Viva	1.2145	0	-8.9103	0	-0.833	0	-4.4934
NE+3.30	B81	96	Viva	1.3664	0	-8.3341	0	-0.833	0	-3.1873
NE+3.30	B81	96	Viva	1.5182	0	-7.9883	0	-0.833	0	-1.9512
NE+3.30	B81	96	Viva	1.67	0	-7.8731	0	-0.833	0	-0.7501
NE+3.30	B81	96	Psup	0	0	-18.8708	0	-0.6893	0	-24.3118
NE+3.30	B81	96	Psup	0.1518	0	-18.7165	0	-0.6893	0	-21.4547
NE+3.30	B81	96	Psup	0.3036	0	-18.2535	0	-0.6893	0	-18.6444
NE+3.30	B81	96	Psup	0.4555	0	-17.4818	0	-0.6893	0	-15.9279
NE+3.30	B81	96	Psup	0.6073	0	-16.4015	0	-0.6893	0	-13.3519
NE+3.30	B81	96	Psup	0.7591	0	-15.0124	0	-0.6893	0	-10.9634
NE+3.30	B81	96	Psup	0.9109	0	-13.3919	0	-0.6893	0	-8.8073
NE+3.30	B81	96	Psup	1.0627	0	-12.0029	0	-0.6893	0	-6.8835
NE+3.30	B81	96	Psup	1.2145	0	-10.9226	0	-0.6893	0	-5.1471
NE+3.30	B81	96	Psup	1.3664	0	-10.1509	0	-0.6893	0	-3.5513
NE+3.30	B81	96	Psup	1.5182	0	-9.6879	0	-0.6893	0	-2.0493
NE+3.30	B81	96	Psup	1.67	0	-9.5336	0	-0.6893	0	-0.5941
NE+3.30	B81	96	Viva.cub	0	0	-0.06	0	-0.0092	0	-0.1091
NE+3.30	B81	96	Viva.cub	0.1518	0	-0.06	0	-0.0092	0	-0.1
NE+3.30	B81	96	Viva.cub	0.3036	0	-0.06	0	-0.0092	0	-0.0909
NE+3.30	B81	96	Viva.cub	0.4555	0	-0.06	0	-0.0092	0	-0.0818
NE+3.30	B81	96	Viva.cub	0.6073	0	-0.06	0	-0.0092	0	-0.0726
NE+3.30	B81	96	Viva.cub	0.7591	0	-0.06	0	-0.0092	0	-0.0635
NE+3.30	B81	96	Viva.cub	0.9109	0	-0.06	0	-0.0092	0	-0.0544
NE+3.30	B81	96	Viva.cub	1.0627	0	-0.06	0	-0.0092	0	-0.0453
NE+3.30	B81	96	Viva.cub	1.2145	0	-0.06	0	-0.0092	0	-0.0362
NE+3.30	B81	96	Viva.cub	1.3664	0	-0.06	0	-0.0092	0	-0.0271
NE+3.30	B81	96	Viva.cub	1.5182	0	-0.06	0	-0.0092	0	-0.018
NE+3.30	B81	96	Viva.cub	1.67	0	-0.06	0	-0.0092	0	-0.0089
NE+3.30	B81	96	DISX-COMB Max	0	0	2.2506	0	1.1851	0	3.2717
NE+3.30	B81	96	DISX-COMB Max	0.1518	0	2.2506	0	1.1851	0	2.9315
NE+3.30	B81	96	DISX-COMB Max	0.3036	0	2.2506	0	1.1851	0	2.5917
NE+3.30	B81	96	DISX-COMB Max	0.4555	0	2.2506	0	1.1851	0	2.2525
NE+3.30	B81	96	DISX-COMB Max	0.6073	0	2.2506	0	1.1851	0	1.9141
NE+3.30	B81	96	DISX-COMB Max	0.7591	0	2.2506	0	1.1851	0	1.5772
NE+3.30	B81	96	DISX-COMB Max	0.9109	0	2.2506	0	1.1851	0	1.2429
NE+3.30	B81	96	DISX-COMB Max	1.0627	0	2.2506	0	1.1851	0	0.9141
NE+3.30	B81	96	DISX-COMB Max	1.2145	0	2.2506	0	1.1851	0	0.5998
NE+3.30	B81	96	DISX-COMB Max	1.3664	0	2.2506	0	1.1851	0	0.3428

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B81	96	DISX-COMB Max	1.5182	0	2.2506	0	1.1851	0	0.3297
NE+3.30	B81	96	DISX-COMB Max	1.67	0	2.2506	0	1.1851	0	0.5775
NE+3.30	B81	96	DISY-COMB Max	0	0	3.6246	0	1.1727	0	6.8286
NE+3.30	B81	96	DISY-COMB Max	0.1518	0	3.6246	0	1.1727	0	6.2784
NE+3.30	B81	96	DISY-COMB Max	0.3036	0	3.6246	0	1.1727	0	5.7282
NE+3.30	B81	96	DISY-COMB Max	0.4555	0	3.6246	0	1.1727	0	5.178
NE+3.30	B81	96	DISY-COMB Max	0.6073	0	3.6246	0	1.1727	0	4.6278
NE+3.30	B81	96	DISY-COMB Max	0.7591	0	3.6246	0	1.1727	0	4.0776
NE+3.30	B81	96	DISY-COMB Max	0.9109	0	3.6246	0	1.1727	0	3.5275
NE+3.30	B81	96	DISY-COMB Max	1.0627	0	3.6246	0	1.1727	0	2.9775
NE+3.30	B81	96	DISY-COMB Max	1.2145	0	3.6246	0	1.1727	0	2.4275
NE+3.30	B81	96	DISY-COMB Max	1.3664	0	3.6246	0	1.1727	0	1.8777
NE+3.30	B81	96	DISY-COMB Max	1.5182	0	3.6246	0	1.1727	0	1.3284
NE+3.30	B81	96	DISY-COMB Max	1.67	0	3.6246	0	1.1727	0	0.7804
NE+3.30	B81	96	B241	0	0	-35.9542	0	-1.0302	0	-46.5851
NE+3.30	B81	96	B241	0.1518	0	-35.295	0	-1.0302	0	-41.1716
NE+3.30	B81	96	B241	0.3036	0	-34.2357	0	-1.0302	0	-35.8885
NE+3.30	B81	96	B241	0.4555	0	-32.7763	0	-1.0302	0	-30.7966
NE+3.30	B81	96	B241	0.6073	0	-30.9168	0	-1.0302	0	-25.9567
NE+3.30	B81	96	B241	0.7591	0	-28.6571	0	-1.0302	0	-21.4294
NE+3.30	B81	96	B241	0.9109	0	-26.0973	0	-1.0302	0	-17.273
NE+3.30	B81	96	B241	1.0627	0	-23.8377	0	-1.0302	0	-13.4876
NE+3.30	B81	96	B241	1.2145	0	-21.9781	0	-1.0302	0	-10.0148
NE+3.30	B81	96	B241	1.3664	0	-20.5187	0	-1.0302	0	-6.794
NE+3.30	B81	96	B241	1.5182	0	-19.4594	0	-1.0302	0	-3.7643
NE+3.30	B81	96	B241	1.67	0	-18.8003	0	-1.0302	0	-0.8651
NE+3.30	B81	96	B242	0	0	-54.6004	0	-2.2204	0	-71.5366
NE+3.30	B81	96	B242	0.1518	0	-53.851	0	-2.2204	0	-63.2951
NE+3.30	B81	96	B242	0.3036	0	-52.3899	0	-2.2204	0	-55.2214
NE+3.30	B81	96	B242	0.4555	0	-50.217	0	-2.2204	0	-47.4236
NE+3.30	B81	96	B242	0.6073	0	-47.3324	0	-2.2204	0	-40.0098
NE+3.30	B81	96	B242	0.7591	0	-43.736	0	-2.2204	0	-33.0878
NE+3.30	B81	96	B242	0.9109	0	-39.6058	0	-2.2204	0	-26.7614
NE+3.30	B81	96	B242	1.0627	0	-36.0095	0	-2.2204	0	-21.0305
NE+3.30	B81	96	B242	1.2145	0	-33.1249	0	-2.2204	0	-15.7916
NE+3.30	B81	96	B242	1.3664	0	-30.952	0	-2.2204	0	-10.9366
NE+3.30	B81	96	B242	1.5182	0	-29.4908	0	-2.2204	0	-6.3575
NE+3.30	B81	96	B242	1.67	0	-28.7415	0	-2.2204	0	-1.9461
NE+3.30	B82	97	Pprop	0	0	-6.7188	0	0.0035	0	-8.3065
NE+3.30	B82	97	Pprop	0.1518	0	-6.3646	0	0.0035	0	-7.3134
NE+3.30	B82	97	Pprop	0.3036	0	-6.0105	0	0.0035	0	-6.374
NE+3.30	B82	97	Pprop	0.4555	0	-5.6563	0	0.0035	0	-5.4884
NE+3.30	B82	97	Pprop	0.6073	0	-5.3022	0	0.0035	0	-4.6565
NE+3.30	B82	97	Pprop	0.7591	0	-4.948	0	0.0035	0	-3.8784
NE+3.30	B82	97	Pprop	0.9109	0	-4.5938	0	0.0035	0	-3.1541

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B82	97	Pprop	1.0627	0	-4.2397	0	0.0035	0	-2.4836
NE+3.30	B82	97	Pprop	1.2145	0	-3.8855	0	0.0035	0	-1.8668
NE+3.30	B82	97	Pprop	1.3664	0	-3.5313	0	0.0035	0	-1.3038
NE+3.30	B82	97	Pprop	1.5182	0	-3.1772	0	0.0035	0	-0.7946
NE+3.30	B82	97	Pprop	1.67	0	-2.823	0	0.0035	0	-0.3391
NE+3.30	B82	97	Viva	0	0	-11.8301	0	-0.0689	0	-14.4507
NE+3.30	B82	97	Viva	0.1518	0	-11.7148	0	-0.0689	0	-12.6605
NE+3.30	B82	97	Viva	0.3036	0	-11.3691	0	-0.0689	0	-10.9053
NE+3.30	B82	97	Viva	0.4555	0	-10.7929	0	-0.0689	0	-9.2201
NE+3.30	B82	97	Viva	0.6073	0	-9.9862	0	-0.0689	0	-7.6398
NE+3.30	B82	97	Viva	0.7591	0	-8.949	0	-0.0689	0	-6.1996
NE+3.30	B82	97	Viva	0.9109	0	-7.7389	0	-0.0689	0	-4.9328
NE+3.30	B82	97	Viva	1.0627	0	-6.7017	0	-0.0689	0	-3.8395
NE+3.30	B82	97	Viva	1.2145	0	-5.895	0	-0.0689	0	-2.8862
NE+3.30	B82	97	Viva	1.3664	0	-5.3188	0	-0.0689	0	-2.0379
NE+3.30	B82	97	Viva	1.5182	0	-4.9731	0	-0.0689	0	-1.2596
NE+3.30	B82	97	Viva	1.67	0	-4.8578	0	-0.0689	0	-0.5162
NE+3.30	B82	97	Psup	0	0	-15.0762	0	-0.0557	0	-17.9821
NE+3.30	B82	97	Psup	0.1518	0	-14.9219	0	-0.0557	0	-15.701
NE+3.30	B82	97	Psup	0.3036	0	-14.4589	0	-0.0557	0	-13.4669
NE+3.30	B82	97	Psup	0.4555	0	-13.6872	0	-0.0557	0	-11.3264
NE+3.30	B82	97	Psup	0.6073	0	-12.6069	0	-0.0557	0	-9.3266
NE+3.30	B82	97	Psup	0.7591	0	-11.2179	0	-0.0557	0	-7.5141
NE+3.30	B82	97	Psup	0.9109	0	-9.5973	0	-0.0557	0	-5.9341
NE+3.30	B82	97	Psup	1.0627	0	-8.2083	0	-0.0557	0	-4.5864
NE+3.30	B82	97	Psup	1.2145	0	-7.128	0	-0.0557	0	-3.4261
NE+3.30	B82	97	Psup	1.3664	0	-6.3563	0	-0.0557	0	-2.4064
NE+3.30	B82	97	Psup	1.5182	0	-5.8933	0	-0.0557	0	-1.4805
NE+3.30	B82	97	Psup	1.67	0	-5.739	0	-0.0557	0	-0.6014
NE+3.30	B82	97	Viva.cub	0	0	-0.002	0	0.0094	0	0.0182
NE+3.30	B82	97	Viva.cub	0.1518	0	-0.002	0	0.0094	0	0.0185
NE+3.30	B82	97	Viva.cub	0.3036	0	-0.002	0	0.0094	0	0.0188
NE+3.30	B82	97	Viva.cub	0.4555	0	-0.002	0	0.0094	0	0.0191
NE+3.30	B82	97	Viva.cub	0.6073	0	-0.002	0	0.0094	0	0.0194
NE+3.30	B82	97	Viva.cub	0.7591	0	-0.002	0	0.0094	0	0.0197
NE+3.30	B82	97	Viva.cub	0.9109	0	-0.002	0	0.0094	0	0.02
NE+3.30	B82	97	Viva.cub	1.0627	0	-0.002	0	0.0094	0	0.0203
NE+3.30	B82	97	Viva.cub	1.2145	0	-0.002	0	0.0094	0	0.0206
NE+3.30	B82	97	Viva.cub	1.3664	0	-0.002	0	0.0094	0	0.0209
NE+3.30	B82	97	Viva.cub	1.5182	0	-0.002	0	0.0094	0	0.0212
NE+3.30	B82	97	Viva.cub	1.67	0	-0.002	0	0.0094	0	0.0215
NE+3.30	B82	97	DISX-COMB Max	0	0	1.5551	0	2.6222	0	2.6891
NE+3.30	B82	97	DISX-COMB Max	0.1518	0	1.5551	0	2.6222	0	2.4556
NE+3.30	B82	97	DISX-COMB Max	0.3036	0	1.5551	0	2.6222	0	2.2227
NE+3.30	B82	97	DISX-COMB Max	0.4555	0	1.5551	0	2.6222	0	1.9906

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B82	97	DISX-COMB Max	0.6073	0	1.5551	0	2.6222	0	1.7595
NE+3.30	B82	97	DISX-COMB Max	0.7591	0	1.5551	0	2.6222	0	1.53
NE+3.30	B82	97	DISX-COMB Max	0.9109	0	1.5551	0	2.6222	0	1.3028
NE+3.30	B82	97	DISX-COMB Max	1.0627	0	1.5551	0	2.6222	0	1.0794
NE+3.30	B82	97	DISX-COMB Max	1.2145	0	1.5551	0	2.6222	0	0.8629
NE+3.30	B82	97	DISX-COMB Max	1.3664	0	1.5551	0	2.6222	0	0.6598
NE+3.30	B82	97	DISX-COMB Max	1.5182	0	1.5551	0	2.6222	0	0.4875
NE+3.30	B82	97	DISX-COMB Max	1.67	0	1.5551	0	2.6222	0	0.3892
NE+3.30	B82	97	DISY-COMB Max	0	0	5.5869	0	0.3982	0	9.8216
NE+3.30	B82	97	DISY-COMB Max	0.1518	0	5.5869	0	0.3982	0	8.9735
NE+3.30	B82	97	DISY-COMB Max	0.3036	0	5.5869	0	0.3982	0	8.1254
NE+3.30	B82	97	DISY-COMB Max	0.4555	0	5.5869	0	0.3982	0	7.2773
NE+3.30	B82	97	DISY-COMB Max	0.6073	0	5.5869	0	0.3982	0	6.4293
NE+3.30	B82	97	DISY-COMB Max	0.7591	0	5.5869	0	0.3982	0	5.5813
NE+3.30	B82	97	DISY-COMB Max	0.9109	0	5.5869	0	0.3982	0	4.7335
NE+3.30	B82	97	DISY-COMB Max	1.0627	0	5.5869	0	0.3982	0	3.8857
NE+3.30	B82	97	DISY-COMB Max	1.2145	0	5.5869	0	0.3982	0	3.0382
NE+3.30	B82	97	DISY-COMB Max	1.3664	0	5.5869	0	0.3982	0	2.1912
NE+3.30	B82	97	DISY-COMB Max	1.5182	0	5.5869	0	0.3982	0	1.3458
NE+3.30	B82	97	DISY-COMB Max	1.67	0	5.5869	0	0.3982	0	0.5098
NE+3.30	B82	97	B241	0	0	-28.2528	0	-0.0676	0	-34.0778
NE+3.30	B82	97	B241	0.1518	0	-27.5936	0	-0.0676	0	-29.8335
NE+3.30	B82	97	B241	0.3036	0	-26.5344	0	-0.0676	0	-25.7196
NE+3.30	B82	97	B241	0.4555	0	-25.0749	0	-0.0676	0	-21.797
NE+3.30	B82	97	B241	0.6073	0	-23.2154	0	-0.0676	0	-18.1262
NE+3.30	B82	97	B241	0.7591	0	-20.9557	0	-0.0676	0	-14.7682
NE+3.30	B82	97	B241	0.9109	0	-18.396	0	-0.0676	0	-11.781
NE+3.30	B82	97	B241	1.0627	0	-16.1363	0	-0.0676	0	-9.1648
NE+3.30	B82	97	B241	1.2145	0	-14.2768	0	-0.0676	0	-6.8612
NE+3.30	B82	97	B241	1.3664	0	-12.8173	0	-0.0676	0	-4.8096
NE+3.30	B82	97	B241	1.5182	0	-11.7581	0	-0.0676	0	-2.9491
NE+3.30	B82	97	B241	1.67	0	-11.0989	0	-0.0676	0	-1.2192
NE+3.30	B82	97	B242	0	0	-43.1458	0	-0.1634	0	-52.3215
NE+3.30	B82	97	B242	0.1518	0	-42.3964	0	-0.1634	0	-45.8191
NE+3.30	B82	97	B242	0.3036	0	-40.9353	0	-0.1634	0	-39.4845
NE+3.30	B82	97	B242	0.4555	0	-38.7624	0	-0.1634	0	-33.4257
NE+3.30	B82	97	B242	0.6073	0	-35.8778	0	-0.1634	0	-27.7508
NE+3.30	B82	97	B242	0.7591	0	-32.2814	0	-0.1634	0	-22.5679
NE+3.30	B82	97	B242	0.9109	0	-28.1513	0	-0.1634	0	-17.9805
NE+3.30	B82	97	B242	1.0627	0	-24.5549	0	-0.1634	0	-13.9886
NE+3.30	B82	97	B242	1.2145	0	-21.6703	0	-0.1634	0	-10.4887
NE+3.30	B82	97	B242	1.3664	0	-19.4974	0	-0.1634	0	-7.3727
NE+3.30	B82	97	B242	1.5182	0	-18.0363	0	-0.1634	0	-4.5326
NE+3.30	B82	97	B242	1.67	0	-17.2869	0	-0.1634	0	-1.8602
NE+3.30	B83	98	Pprop	0	0	-7.3572	0	-0.1249	0	-9.1847

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B83	98	Pprop	0.1518	0	-7.003	0	-0.1249	0	-8.0946
NE+3.30	B83	98	Pprop	0.3036	0	-6.6489	0	-0.1249	0	-7.0583
NE+3.30	B83	98	Pprop	0.4555	0	-6.2947	0	-0.1249	0	-6.0758
NE+3.30	B83	98	Pprop	0.6073	0	-5.9405	0	-0.1249	0	-5.147
NE+3.30	B83	98	Pprop	0.7591	0	-5.5864	0	-0.1249	0	-4.272
NE+3.30	B83	98	Pprop	0.9109	0	-5.2322	0	-0.1249	0	-3.4508
NE+3.30	B83	98	Pprop	1.0627	0	-4.878	0	-0.1249	0	-2.6833
NE+3.30	B83	98	Pprop	1.2145	0	-4.5239	0	-0.1249	0	-1.9696
NE+3.30	B83	98	Pprop	1.3664	0	-4.1697	0	-0.1249	0	-1.3097
NE+3.30	B83	98	Pprop	1.5182	0	-3.8156	0	-0.1249	0	-0.7036
NE+3.30	B83	98	Pprop	1.67	0	-3.4614	0	-0.1249	0	-0.1512
NE+3.30	B83	98	Viva	0	0	-11.6932	0	-0.5859	0	-14.2691
NE+3.30	B83	98	Viva	0.1518	0	-11.578	0	-0.5859	0	-12.4997
NE+3.30	B83	98	Viva	0.3036	0	-11.2323	0	-0.5859	0	-10.7652
NE+3.30	B83	98	Viva	0.4555	0	-10.6561	0	-0.5859	0	-9.1008
NE+3.30	B83	98	Viva	0.6073	0	-9.8493	0	-0.5859	0	-7.5413
NE+3.30	B83	98	Viva	0.7591	0	-8.8121	0	-0.5859	0	-6.1218
NE+3.30	B83	98	Viva	0.9109	0	-7.6021	0	-0.5859	0	-4.8758
NE+3.30	B83	98	Viva	1.0627	0	-6.5649	0	-0.5859	0	-3.8034
NE+3.30	B83	98	Viva	1.2145	0	-5.7582	0	-0.5859	0	-2.8708
NE+3.30	B83	98	Viva	1.3664	0	-5.182	0	-0.5859	0	-2.0433
NE+3.30	B83	98	Viva	1.5182	0	-4.8362	0	-0.5859	0	-1.2857
NE+3.30	B83	98	Viva	1.67	0	-4.721	0	-0.5859	0	-0.5632
NE+3.30	B83	98	Psup	0	0	-15.3753	0	-0.5387	0	-18.399
NE+3.30	B83	98	Psup	0.1518	0	-15.221	0	-0.5387	0	-16.0725
NE+3.30	B83	98	Psup	0.3036	0	-14.758	0	-0.5387	0	-13.7929
NE+3.30	B83	98	Psup	0.4555	0	-13.9863	0	-0.5387	0	-11.6071
NE+3.30	B83	98	Psup	0.6073	0	-12.9059	0	-0.5387	0	-9.5618
NE+3.30	B83	98	Psup	0.7591	0	-11.5169	0	-0.5387	0	-7.704
NE+3.30	B83	98	Psup	0.9109	0	-9.8964	0	-0.5387	0	-6.0785
NE+3.30	B83	98	Psup	1.0627	0	-8.5074	0	-0.5387	0	-4.6854
NE+3.30	B83	98	Psup	1.2145	0	-7.4271	0	-0.5387	0	-3.4797
NE+3.30	B83	98	Psup	1.3664	0	-6.6554	0	-0.5387	0	-2.4147
NE+3.30	B83	98	Psup	1.5182	0	-6.1924	0	-0.5387	0	-1.4433
NE+3.30	B83	98	Psup	1.67	0	-6.0381	0	-0.5387	0	-0.5188
NE+3.30	B83	98	Viva.cub	0	0	-0.0307	0	-0.0134	0	-0.059
NE+3.30	B83	98	Viva.cub	0.1518	0	-0.0307	0	-0.0134	0	-0.0544
NE+3.30	B83	98	Viva.cub	0.3036	0	-0.0307	0	-0.0134	0	-0.0497
NE+3.30	B83	98	Viva.cub	0.4555	0	-0.0307	0	-0.0134	0	-0.0451
NE+3.30	B83	98	Viva.cub	0.6073	0	-0.0307	0	-0.0134	0	-0.0404
NE+3.30	B83	98	Viva.cub	0.7591	0	-0.0307	0	-0.0134	0	-0.0357
NE+3.30	B83	98	Viva.cub	0.9109	0	-0.0307	0	-0.0134	0	-0.0311
NE+3.30	B83	98	Viva.cub	1.0627	0	-0.0307	0	-0.0134	0	-0.0264
NE+3.30	B83	98	Viva.cub	1.2145	0	-0.0307	0	-0.0134	0	-0.0217
NE+3.30	B83	98	Viva.cub	1.3664	0	-0.0307	0	-0.0134	0	-0.0171

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B83	98	Viva.cub	1.5182	0	-0.0307	0	-0.0134	0	-0.0124
NE+3.30	B83	98	Viva.cub	1.67	0	-0.0307	0	-0.0134	0	-0.0078
NE+3.30	B83	98	DISX-COMB Max	0	0	2.2468	0	0.724	0	2.9028
NE+3.30	B83	98	DISX-COMB Max	0.1518	0	2.2468	0	0.724	0	2.5863
NE+3.30	B83	98	DISX-COMB Max	0.3036	0	2.2468	0	0.724	0	2.2769
NE+3.30	B83	98	DISX-COMB Max	0.4555	0	2.2468	0	0.724	0	1.9779
NE+3.30	B83	98	DISX-COMB Max	0.6073	0	2.2468	0	0.724	0	1.695
NE+3.30	B83	98	DISX-COMB Max	0.7591	0	2.2468	0	0.724	0	1.4375
NE+3.30	B83	98	DISX-COMB Max	0.9109	0	2.2468	0	0.724	0	1.2217
NE+3.30	B83	98	DISX-COMB Max	1.0627	0	2.2468	0	0.724	0	1.073
NE+3.30	B83	98	DISX-COMB Max	1.2145	0	2.2468	0	0.724	0	1.0212
NE+3.30	B83	98	DISX-COMB Max	1.3664	0	2.2468	0	0.724	0	1.0804
NE+3.30	B83	98	DISX-COMB Max	1.5182	0	2.2468	0	0.724	0	1.2346
NE+3.30	B83	98	DISX-COMB Max	1.67	0	2.2468	0	0.724	0	1.4539
NE+3.30	B83	98	DISY-COMB Max	0	0	6.9723	0	1.9202	0	12.8576
NE+3.30	B83	98	DISY-COMB Max	0.1518	0	6.9723	0	1.9202	0	11.7991
NE+3.30	B83	98	DISY-COMB Max	0.3036	0	6.9723	0	1.9202	0	10.7407
NE+3.30	B83	98	DISY-COMB Max	0.4555	0	6.9723	0	1.9202	0	9.6823
NE+3.30	B83	98	DISY-COMB Max	0.6073	0	6.9723	0	1.9202	0	8.6239
NE+3.30	B83	98	DISY-COMB Max	0.7591	0	6.9723	0	1.9202	0	7.5656
NE+3.30	B83	98	DISY-COMB Max	0.9109	0	6.9723	0	1.9202	0	6.5073
NE+3.30	B83	98	DISY-COMB Max	1.0627	0	6.9723	0	1.9202	0	5.4491
NE+3.30	B83	98	DISY-COMB Max	1.2145	0	6.9723	0	1.9202	0	4.3911
NE+3.30	B83	98	DISY-COMB Max	1.3664	0	6.9723	0	1.9202	0	3.3335
NE+3.30	B83	98	DISY-COMB Max	1.5182	0	6.9723	0	1.9202	0	2.2766
NE+3.30	B83	98	DISY-COMB Max	1.67	0	6.9723	0	1.9202	0	1.2226
NE+3.30	B83	98	B241	0	0	-29.468	0	-0.8602	0	-35.7566
NE+3.30	B83	98	B241	0.1518	0	-28.8089	0	-0.8602	0	-31.3278
NE+3.30	B83	98	B241	0.3036	0	-27.7496	0	-0.8602	0	-27.0294
NE+3.30	B83	98	B241	0.4555	0	-26.2902	0	-0.8602	0	-22.9222
NE+3.30	B83	98	B241	0.6073	0	-24.4306	0	-0.8602	0	-19.067
NE+3.30	B83	98	B241	0.7591	0	-22.1709	0	-0.8602	0	-15.5245
NE+3.30	B83	98	B241	0.9109	0	-19.6112	0	-0.8602	0	-12.3528
NE+3.30	B83	98	B241	1.0627	0	-17.3515	0	-0.8602	0	-9.5521
NE+3.30	B83	98	B241	1.2145	0	-15.492	0	-0.8602	0	-7.064
NE+3.30	B83	98	B241	1.3664	0	-14.0326	0	-0.8602	0	-4.8279
NE+3.30	B83	98	B241	1.5182	0	-12.9733	0	-0.8602	0	-2.783
NE+3.30	B83	98	B241	1.67	0	-12.3141	0	-0.8602	0	-0.8685
NE+3.30	B83	98	B242	0	0	-43.9828	0	-1.6814	0	-53.5085
NE+3.30	B83	98	B242	0.1518	0	-43.2335	0	-1.6814	0	-46.879
NE+3.30	B83	98	B242	0.3036	0	-41.7723	0	-1.6814	0	-40.4173
NE+3.30	B83	98	B242	0.4555	0	-39.5995	0	-1.6814	0	-34.2314
NE+3.30	B83	98	B242	0.6073	0	-36.7148	0	-1.6814	0	-28.4295
NE+3.30	B83	98	B242	0.7591	0	-33.1185	0	-1.6814	0	-23.1195
NE+3.30	B83	98	B242	0.9109	0	-28.9883	0	-1.6814	0	-18.405

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B83	98	B242	1.0627	0	-25.3919	0	-1.6814	0	-14.2861
NE+3.30	B83	98	B242	1.2145	0	-22.5073	0	-1.6814	0	-10.6591
NE+3.30	B83	98	B242	1.3664	0	-20.3344	0	-1.6814	0	-7.416
NE+3.30	B83	98	B242	1.5182	0	-18.8733	0	-1.6814	0	-4.4488
NE+3.30	B83	98	B242	1.67	0	-18.1239	0	-1.6814	0	-1.6494
NE+3.30	B85	100	Pprop	0	0	-7.3445	0	-0.0617	0	-8.865
NE+3.30	B85	100	Pprop	0.1518	0	-6.9903	0	-0.0617	0	-7.7768
NE+3.30	B85	100	Pprop	0.3036	0	-6.6362	0	-0.0617	0	-6.7424
NE+3.30	B85	100	Pprop	0.4555	0	-6.282	0	-0.0617	0	-5.7618
NE+3.30	B85	100	Pprop	0.6073	0	-5.9279	0	-0.0617	0	-4.835
NE+3.30	B85	100	Pprop	0.7591	0	-5.5737	0	-0.0617	0	-3.9619
NE+3.30	B85	100	Pprop	0.9109	0	-5.2195	0	-0.0617	0	-3.1426
NE+3.30	B85	100	Pprop	1.0627	0	-4.8654	0	-0.0617	0	-2.3771
NE+3.30	B85	100	Pprop	1.2145	0	-4.5112	0	-0.0617	0	-1.6653
NE+3.30	B85	100	Pprop	1.3664	0	-4.1571	0	-0.0617	0	-1.0073
NE+3.30	B85	100	Pprop	1.5182	0	-3.8029	0	-0.0617	0	-0.4031
NE+3.30	B85	100	Pprop	1.67	0	-3.4487	0	-0.0617	0	0.1474
NE+3.30	B85	100	Viva	0	0	-11.641	0	0.3543	0	-13.8527
NE+3.30	B85	100	Viva	0.1518	0	-11.5258	0	0.3543	0	-12.0912
NE+3.30	B85	100	Viva	0.3036	0	-11.18	0	0.3543	0	-10.3647
NE+3.30	B85	100	Viva	0.4555	0	-10.6038	0	0.3543	0	-8.7082
NE+3.30	B85	100	Viva	0.6073	0	-9.7971	0	0.3543	0	-7.1566
NE+3.30	B85	100	Viva	0.7591	0	-8.7599	0	0.3543	0	-5.7451
NE+3.30	B85	100	Viva	0.9109	0	-7.5499	0	0.3543	0	-4.507
NE+3.30	B85	100	Viva	1.0627	0	-6.5127	0	0.3543	0	-3.4424
NE+3.30	B85	100	Viva	1.2145	0	-5.706	0	0.3543	0	-2.5179
NE+3.30	B85	100	Viva	1.3664	0	-5.1297	0	0.3543	0	-1.6982
NE+3.30	B85	100	Viva	1.5182	0	-4.784	0	0.3543	0	-0.9486
NE+3.30	B85	100	Viva	1.67	0	-4.6688	0	0.3543	0	-0.234
NE+3.30	B85	100	Psup	0	0	-15.1101	0	0.2174	0	-17.5339
NE+3.30	B85	100	Psup	0.1518	0	-14.9558	0	0.2174	0	-15.2478
NE+3.30	B85	100	Psup	0.3036	0	-14.4928	0	0.2174	0	-13.0084
NE+3.30	B85	100	Psup	0.4555	0	-13.7211	0	0.2174	0	-10.8628
NE+3.30	B85	100	Psup	0.6073	0	-12.6408	0	0.2174	0	-8.8578
NE+3.30	B85	100	Psup	0.7591	0	-11.2518	0	0.2174	0	-7.0403
NE+3.30	B85	100	Psup	0.9109	0	-9.6313	0	0.2174	0	-5.4551
NE+3.30	B85	100	Psup	1.0627	0	-8.2422	0	0.2174	0	-4.1022
NE+3.30	B85	100	Psup	1.2145	0	-7.1619	0	0.2174	0	-2.9368
NE+3.30	B85	100	Psup	1.3664	0	-6.3902	0	0.2174	0	-1.912
NE+3.30	B85	100	Psup	1.5182	0	-5.9272	0	0.2174	0	-0.9809
NE+3.30	B85	100	Psup	1.67	0	-5.7729	0	0.2174	0	-0.0966
NE+3.30	B85	100	Viva.cub	0	0	-0.0265	0	0.0106	0	-0.0569
NE+3.30	B85	100	Viva.cub	0.1518	0	-0.0265	0	0.0106	0	-0.0529
NE+3.30	B85	100	Viva.cub	0.3036	0	-0.0265	0	0.0106	0	-0.0489
NE+3.30	B85	100	Viva.cub	0.4555	0	-0.0265	0	0.0106	0	-0.0449

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B85	100	Viva.cub	0.6073	0	-0.0265	0	0.0106	0	-0.0408
NE+3.30	B85	100	Viva.cub	0.7591	0	-0.0265	0	0.0106	0	-0.0368
NE+3.30	B85	100	Viva.cub	0.9109	0	-0.0265	0	0.0106	0	-0.0328
NE+3.30	B85	100	Viva.cub	1.0627	0	-0.0265	0	0.0106	0	-0.0287
NE+3.30	B85	100	Viva.cub	1.2145	0	-0.0265	0	0.0106	0	-0.0247
NE+3.30	B85	100	Viva.cub	1.3664	0	-0.0265	0	0.0106	0	-0.0207
NE+3.30	B85	100	Viva.cub	1.5182	0	-0.0265	0	0.0106	0	-0.0166
NE+3.30	B85	100	Viva.cub	1.67	0	-0.0265	0	0.0106	0	-0.0126
NE+3.30	B85	100	DISX-COMB Max	0	0	3.2015	0	2.0047	0	5.4616
NE+3.30	B85	100	DISX-COMB Max	0.1518	0	3.2015	0	2.0047	0	4.9777
NE+3.30	B85	100	DISX-COMB Max	0.3036	0	3.2015	0	2.0047	0	4.4942
NE+3.30	B85	100	DISX-COMB Max	0.4555	0	3.2015	0	2.0047	0	4.0113
NE+3.30	B85	100	DISX-COMB Max	0.6073	0	3.2015	0	2.0047	0	3.5293
NE+3.30	B85	100	DISX-COMB Max	0.7591	0	3.2015	0	2.0047	0	3.0486
NE+3.30	B85	100	DISX-COMB Max	0.9109	0	3.2015	0	2.0047	0	2.5699
NE+3.30	B85	100	DISX-COMB Max	1.0627	0	3.2015	0	2.0047	0	2.0946
NE+3.30	B85	100	DISX-COMB Max	1.2145	0	3.2015	0	2.0047	0	1.6257
NE+3.30	B85	100	DISX-COMB Max	1.3664	0	3.2015	0	2.0047	0	1.1708
NE+3.30	B85	100	DISX-COMB Max	1.5182	0	3.2015	0	2.0047	0	0.7557
NE+3.30	B85	100	DISX-COMB Max	1.67	0	3.2015	0	2.0047	0	0.4938
NE+3.30	B85	100	DISY-COMB Max	0	0	5.4825	0	2.0772	0	11.3729
NE+3.30	B85	100	DISY-COMB Max	0.1518	0	5.4825	0	2.0772	0	10.5406
NE+3.30	B85	100	DISY-COMB Max	0.3036	0	5.4825	0	2.0772	0	9.7083
NE+3.30	B85	100	DISY-COMB Max	0.4555	0	5.4825	0	2.0772	0	8.876
NE+3.30	B85	100	DISY-COMB Max	0.6073	0	5.4825	0	2.0772	0	8.0437
NE+3.30	B85	100	DISY-COMB Max	0.7591	0	5.4825	0	2.0772	0	7.2115
NE+3.30	B85	100	DISY-COMB Max	0.9109	0	5.4825	0	2.0772	0	6.3792
NE+3.30	B85	100	DISY-COMB Max	1.0627	0	5.4825	0	2.0772	0	5.547
NE+3.30	B85	100	DISY-COMB Max	1.2145	0	5.4825	0	2.0772	0	4.7148
NE+3.30	B85	100	DISY-COMB Max	1.3664	0	5.4825	0	2.0772	0	3.8827
NE+3.30	B85	100	DISY-COMB Max	1.5182	0	5.4825	0	2.0772	0	3.0507
NE+3.30	B85	100	DISY-COMB Max	1.67	0	5.4825	0	2.0772	0	2.219
NE+3.30	B85	100	B241	0	0	-29.1079	0	0.2018	0	-34.2208
NE+3.30	B85	100	B241	0.1518	0	-28.4487	0	0.2018	0	-29.8467
NE+3.30	B85	100	B241	0.3036	0	-27.3894	0	0.2018	0	-25.603
NE+3.30	B85	100	B241	0.4555	0	-25.93	0	0.2018	0	-21.5505
NE+3.30	B85	100	B241	0.6073	0	-24.0705	0	0.2018	0	-17.75
NE+3.30	B85	100	B241	0.7591	0	-21.8108	0	0.2018	0	-14.2621
NE+3.30	B85	100	B241	0.9109	0	-19.251	0	0.2018	0	-11.1451
NE+3.30	B85	100	B241	1.0627	0	-16.9914	0	0.2018	0	-8.3991
NE+3.30	B85	100	B241	1.2145	0	-15.1318	0	0.2018	0	-5.9657
NE+3.30	B85	100	B241	1.3664	0	-13.6724	0	0.2018	0	-3.7842
NE+3.30	B85	100	B241	1.5182	0	-12.6131	0	0.2018	0	-1.794
NE+3.30	B85	100	B241	1.67	0	-11.954	0	0.2018	0	0.0658
NE+3.30	B85	100	B242	0	0	-43.5885	0	0.7452	0	-51.5248

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B85	100	B242	0.1518	0	-42.8391	0	0.7452	0	-44.9552
NE+3.30	B85	100	B242	0.3036	0	-41.378	0	0.7452	0	-38.5534
NE+3.30	B85	100	B242	0.4555	0	-39.2051	0	0.7452	0	-32.4274
NE+3.30	B85	100	B242	0.6073	0	-36.3205	0	0.7452	0	-26.6853
NE+3.30	B85	100	B242	0.7591	0	-32.7241	0	0.7452	0	-21.4352
NE+3.30	B85	100	B242	0.9109	0	-28.5939	0	0.7452	0	-16.7806
NE+3.30	B85	100	B242	1.0627	0	-24.9976	0	0.7452	0	-12.7215
NE+3.30	B85	100	B242	1.2145	0	-22.1129	0	0.7452	0	-9.1544
NE+3.30	B85	100	B242	1.3664	0	-19.9401	0	0.7452	0	-5.9712
NE+3.30	B85	100	B242	1.5182	0	-18.4789	0	0.7452	0	-3.0638
NE+3.30	B85	100	B242	1.67	0	-17.7296	0	0.7452	0	-0.3243
NE+3.30	B107	117	Pprop	0	0	-5.5264	0	-0.3965	0	0
NE+3.30	B107	117	Pprop	0.3391	0	-4.3179	0	-0.3965	0	1.6691
NE+3.30	B107	117	Pprop	0.6782	0	-3.1094	0	-0.3965	0	2.9283
NE+3.30	B107	117	Pprop	1.0173	0	-1.9008	0	-0.3965	0	3.7778
NE+3.30	B107	117	Pprop	1.3564	0	-0.6923	0	-0.3965	0	4.2174
NE+3.30	B107	117	Pprop	1.6955	0	0.5162	0	-0.3965	0	4.2473
NE+3.30	B107	117	Pprop	2.0345	0	1.7247	0	-0.3965	0	3.8673
NE+3.30	B107	117	Pprop	2.3736	0	2.9332	0	-0.3965	0	3.0776
NE+3.30	B107	117	Pprop	2.7127	0	4.1418	0	-0.3965	0	1.8781
NE+3.30	B107	117	Pprop	3.0518	0	5.3503	0	-0.3965	0	0.2687
NE+3.30	B107	117	Pprop	3.3909	0	6.5588	0	-0.3965	0	-1.7504
NE+3.30	B107	117	Pprop	3.73	0	7.7673	0	-0.3965	0	-4.1793
NE+3.30	B107	117	Viva	0	0	-11.5832	0	-1.3761	0	0
NE+3.30	B107	117	Viva	0.3391	0	-11.0083	0	-1.3761	0	3.8628
NE+3.30	B107	117	Viva	0.6782	0	-9.2836	0	-1.3761	0	7.3357
NE+3.30	B107	117	Viva	1.0173	0	-6.409	0	-1.3761	0	10.0288
NE+3.30	B107	117	Viva	1.3564	0	-2.6115	0	-1.3761	0	11.5683
NE+3.30	B107	117	Viva	1.6955	0	1.2654	0	-1.3761	0	11.7965
NE+3.30	B107	117	Viva	2.0345	0	5.1424	0	-1.3761	0	10.7101
NE+3.30	B107	117	Viva	2.3736	0	9.0193	0	-1.3761	0	8.309
NE+3.30	B107	117	Viva	2.7127	0	12.8168	0	-1.3761	0	4.5967
NE+3.30	B107	117	Viva	3.0518	0	15.6914	0	-1.3761	0	-0.2692
NE+3.30	B107	117	Viva	3.3909	0	17.4161	0	-1.3761	0	-5.9149
NE+3.30	B107	117	Viva	3.73	0	17.991	0	-1.3761	0	-11.9505
NE+3.30	B107	117	Psup	0	0	-15.5018	0	-1.8461	0	0
NE+3.30	B107	117	Psup	0.3391	0	-14.7319	0	-1.8461	0	5.1695
NE+3.30	B107	117	Psup	0.6782	0	-12.4221	0	-1.8461	0	9.8168
NE+3.30	B107	117	Psup	1.0173	0	-8.5725	0	-1.8461	0	13.4199
NE+3.30	B107	117	Psup	1.3564	0	-3.4869	0	-1.8461	0	15.4781
NE+3.30	B107	117	Psup	1.6955	0	1.7051	0	-1.8461	0	15.7802
NE+3.30	B107	117	Psup	2.0345	0	6.8971	0	-1.8461	0	14.3217
NE+3.30	B107	117	Psup	2.3736	0	12.0891	0	-1.8461	0	11.1027
NE+3.30	B107	117	Psup	2.7127	0	17.1747	0	-1.8461	0	6.1276
NE+3.30	B107	117	Psup	3.0518	0	21.0243	0	-1.8461	0	-0.3924

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B107	117	Psup	3.3909	0	23.3341	0	-1.8461	0	-7.9567
NE+3.30	B107	117	Psup	3.73	0	24.104	0	-1.8461	0	-16.0431
NE+3.30	B107	117	Viva.cub	0	0	-0.0452	0	-0.028	0	0
NE+3.30	B107	117	Viva.cub	0.3391	0	-0.0452	0	-0.028	0	0.0153
NE+3.30	B107	117	Viva.cub	0.6782	0	-0.0452	0	-0.028	0	0.0306
NE+3.30	B107	117	Viva.cub	1.0173	0	-0.0452	0	-0.028	0	0.0459
NE+3.30	B107	117	Viva.cub	1.3564	0	-0.0452	0	-0.028	0	0.0612
NE+3.30	B107	117	Viva.cub	1.6955	0	-0.0452	0	-0.028	0	0.0766
NE+3.30	B107	117	Viva.cub	2.0345	0	-0.0452	0	-0.028	0	0.0919
NE+3.30	B107	117	Viva.cub	2.3736	0	-0.0452	0	-0.028	0	0.1072
NE+3.30	B107	117	Viva.cub	2.7127	0	-0.0452	0	-0.028	0	0.1225
NE+3.30	B107	117	Viva.cub	3.0518	0	-0.0452	0	-0.028	0	0.1378
NE+3.30	B107	117	Viva.cub	3.3909	0	-0.0452	0	-0.028	0	0.1531
NE+3.30	B107	117	Viva.cub	3.73	0	-0.0452	0	-0.028	0	0.1684
NE+3.30	B107	117	DISX-COMB Max	0	0	2.1668	0	0.3377	0	0
NE+3.30	B107	117	DISX-COMB Max	0.3391	0	2.1668	0	0.3377	0	0.7347
NE+3.30	B107	117	DISX-COMB Max	0.6782	0	2.1668	0	0.3377	0	1.4695
NE+3.30	B107	117	DISX-COMB Max	1.0173	0	2.1668	0	0.3377	0	2.2042
NE+3.30	B107	117	DISX-COMB Max	1.3564	0	2.1668	0	0.3377	0	2.9389
NE+3.30	B107	117	DISX-COMB Max	1.6955	0	2.1668	0	0.3377	0	3.6737
NE+3.30	B107	117	DISX-COMB Max	2.0345	0	2.1668	0	0.3377	0	4.4084
NE+3.30	B107	117	DISX-COMB Max	2.3736	0	2.1668	0	0.3377	0	5.1431
NE+3.30	B107	117	DISX-COMB Max	2.7127	0	2.1668	0	0.3377	0	5.8779
NE+3.30	B107	117	DISX-COMB Max	3.0518	0	2.1668	0	0.3377	0	6.6126
NE+3.30	B107	117	DISX-COMB Max	3.3909	0	2.1668	0	0.3377	0	7.3473
NE+3.30	B107	117	DISX-COMB Max	3.73	0	2.1668	0	0.3377	0	8.0821
NE+3.30	B107	117	DISY-COMB Max	0	0	1.5669	0	0.4772	0	0
NE+3.30	B107	117	DISY-COMB Max	0.3391	0	1.5669	0	0.4772	0	0.5313
NE+3.30	B107	117	DISY-COMB Max	0.6782	0	1.5669	0	0.4772	0	1.0626
NE+3.30	B107	117	DISY-COMB Max	1.0173	0	1.5669	0	0.4772	0	1.5939
NE+3.30	B107	117	DISY-COMB Max	1.3564	0	1.5669	0	0.4772	0	2.1252
NE+3.30	B107	117	DISY-COMB Max	1.6955	0	1.5669	0	0.4772	0	2.6565
NE+3.30	B107	117	DISY-COMB Max	2.0345	0	1.5669	0	0.4772	0	3.1878
NE+3.30	B107	117	DISY-COMB Max	2.3736	0	1.5669	0	0.4772	0	3.7191
NE+3.30	B107	117	DISY-COMB Max	2.7127	0	1.5669	0	0.4772	0	4.2505
NE+3.30	B107	117	DISY-COMB Max	3.0518	0	1.5669	0	0.4772	0	4.7818
NE+3.30	B107	117	DISY-COMB Max	3.3909	0	1.5669	0	0.4772	0	5.3131
NE+3.30	B107	117	DISY-COMB Max	3.73	0	1.5669	0	0.4772	0	5.8444
NE+3.30	B107	117	B241	0	0	-27.2588	0	-2.9071	0	0
NE+3.30	B107	117	B241	0.3391	0	-24.6941	0	-2.9071	0	8.8648
NE+3.30	B107	117	B241	0.6782	0	-20.1334	0	-2.9071	0	16.5215
NE+3.30	B107	117	B241	1.0173	0	-13.5765	0	-2.9071	0	22.2933
NE+3.30	B107	117	B241	1.3564	0	-5.4175	0	-2.9071	0	25.5312
NE+3.30	B107	117	B241	1.6955	0	2.8795	0	-2.9071	0	25.9615
NE+3.30	B107	117	B241	2.0345	0	11.1764	0	-2.9071	0	23.5784

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B107	117	B241	2.3736	0	19.4734	0	-2.9071	0	18.3819
NE+3.30	B107	117	B241	2.7127	0	27.6324	0	-2.9071	0	10.3777
NE+3.30	B107	117	B241	3.0518	0	34.1893	0	-2.9071	0	-0.1603
NE+3.30	B107	117	B241	3.3909	0	38.75	0	-2.9071	0	-12.5832
NE+3.30	B107	117	B241	3.73	0	41.3147	0	-2.9071	0	-26.2142
NE+3.30	B107	117	B242	0	0	-41.9204	0	-4.7075	0	0
NE+3.30	B107	117	B242	0.3391	0	-38.8023	0	-4.7075	0	13.7865
NE+3.30	B107	117	B242	0.6782	0	-32.1335	0	-4.7075	0	25.9136
NE+3.30	B107	117	B242	1.0173	0	-21.914	0	-4.7075	0	35.1775
NE+3.30	B107	117	B242	1.3564	0	-8.8446	0	-4.7075	0	40.4237
NE+3.30	B107	117	B242	1.6955	0	4.4702	0	-4.7075	0	41.1654
NE+3.30	B107	117	B242	2.0345	0	17.785	0	-4.7075	0	37.3921
NE+3.30	B107	117	B242	2.3736	0	31.0998	0	-4.7075	0	29.1039
NE+3.30	B107	117	B242	2.7127	0	44.1692	0	-4.7075	0	16.3111
NE+3.30	B107	117	B242	3.0518	0	54.3887	0	-4.7075	0	-0.4993
NE+3.30	B107	117	B242	3.3909	0	61.0575	0	-4.7075	0	-20.173
NE+3.30	B107	117	B242	3.73	0	64.1756	0	-4.7075	0	-41.506
NE+3.30	B108	118	Pprop	0	0	-5.4452	0	0.409	0	0
NE+3.30	B108	118	Pprop	0.3391	0	-4.2367	0	0.409	0	1.6415
NE+3.30	B108	118	Pprop	0.6782	0	-3.0282	0	0.409	0	2.8733
NE+3.30	B108	118	Pprop	1.0173	0	-1.8197	0	0.409	0	3.6952
NE+3.30	B108	118	Pprop	1.3564	0	-0.6112	0	0.409	0	4.1073
NE+3.30	B108	118	Pprop	1.6955	0	0.5974	0	0.409	0	4.1097
NE+3.30	B108	118	Pprop	2.0345	0	1.8059	0	0.409	0	3.7022
NE+3.30	B108	118	Pprop	2.3736	0	3.0144	0	0.409	0	2.885
NE+3.30	B108	118	Pprop	2.7127	0	4.2229	0	0.409	0	1.6579
NE+3.30	B108	118	Pprop	3.0518	0	5.4314	0	0.409	0	0.0211
NE+3.30	B108	118	Pprop	3.3909	0	6.64	0	0.409	0	-2.0256
NE+3.30	B108	118	Pprop	3.73	0	7.8485	0	0.409	0	-4.482
NE+3.30	B108	118	Viva	0	0	-8.5348	0	1.444	0	0
NE+3.30	B108	118	Viva	0.3391	0	-7.9599	0	1.444	0	2.8291
NE+3.30	B108	118	Viva	0.6782	0	-6.3301	0	1.444	0	5.2745
NE+3.30	B108	118	Viva	1.0173	0	-4.0733	0	1.444	0	7.0546
NE+3.30	B108	118	Viva	1.3564	0	-1.3551	0	1.444	0	7.98
NE+3.30	B108	118	Viva	1.6955	0	1.4028	0	1.444	0	7.9719
NE+3.30	B108	118	Viva	2.0345	0	4.1607	0	1.444	0	7.0287
NE+3.30	B108	118	Viva	2.3736	0	6.9187	0	1.444	0	5.1502
NE+3.30	B108	118	Viva	2.7127	0	9.6369	0	1.444	0	2.3382
NE+3.30	B108	118	Viva	3.0518	0	11.8936	0	1.444	0	-1.3284
NE+3.30	B108	118	Viva	3.3909	0	13.5235	0	1.444	0	-5.6604
NE+3.30	B108	118	Viva	3.73	0	14.0984	0	1.444	0	-10.376
NE+3.30	B108	118	Psup	0	0	-11.521	0	1.9292	0	0
NE+3.30	B108	118	Psup	0.3391	0	-10.751	0	1.9292	0	3.8196
NE+3.30	B108	118	Psup	0.6782	0	-8.5684	0	1.9292	0	7.1254
NE+3.30	B108	118	Psup	1.0173	0	-5.5461	0	1.9292	0	9.5402

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B108	118	Psup	1.3564	0	-1.9059	0	1.9292	0	10.8104
NE+3.30	B108	118	Psup	1.6955	0	1.7875	0	1.9292	0	10.8305
NE+3.30	B108	118	Psup	2.0345	0	5.481	0	1.9292	0	9.5981
NE+3.30	B108	118	Psup	2.3736	0	9.1744	0	1.9292	0	7.1134
NE+3.30	B108	118	Psup	2.7127	0	12.8146	0	1.9292	0	3.3785
NE+3.30	B108	118	Psup	3.0518	0	15.8369	0	1.9292	0	-1.501
NE+3.30	B108	118	Psup	3.3909	0	18.0195	0	1.9292	0	-7.2714
NE+3.30	B108	118	Psup	3.73	0	18.7895	0	1.9292	0	-13.5557
NE+3.30	B108	118	Viva.cub	0	0	-0.0773	0	-0.0297	0	0
NE+3.30	B108	118	Viva.cub	0.3391	0	-0.0773	0	-0.0297	0	0.0262
NE+3.30	B108	118	Viva.cub	0.6782	0	-0.0773	0	-0.0297	0	0.0524
NE+3.30	B108	118	Viva.cub	1.0173	0	-0.0773	0	-0.0297	0	0.0786
NE+3.30	B108	118	Viva.cub	1.3564	0	-0.0773	0	-0.0297	0	0.1048
NE+3.30	B108	118	Viva.cub	1.6955	0	-0.0773	0	-0.0297	0	0.131
NE+3.30	B108	118	Viva.cub	2.0345	0	-0.0773	0	-0.0297	0	0.1572
NE+3.30	B108	118	Viva.cub	2.3736	0	-0.0773	0	-0.0297	0	0.1834
NE+3.30	B108	118	Viva.cub	2.7127	0	-0.0773	0	-0.0297	0	0.2096
NE+3.30	B108	118	Viva.cub	3.0518	0	-0.0773	0	-0.0297	0	0.2358
NE+3.30	B108	118	Viva.cub	3.3909	0	-0.0773	0	-0.0297	0	0.262
NE+3.30	B108	118	Viva.cub	3.73	0	-0.0773	0	-0.0297	0	0.2882
NE+3.30	B108	118	DISX-COMB Max	0	0	1.207	0	0.3369	0	0
NE+3.30	B108	118	DISX-COMB Max	0.3391	0	1.207	0	0.3369	0	0.4093
NE+3.30	B108	118	DISX-COMB Max	0.6782	0	1.207	0	0.3369	0	0.8186
NE+3.30	B108	118	DISX-COMB Max	1.0173	0	1.207	0	0.3369	0	1.2279
NE+3.30	B108	118	DISX-COMB Max	1.3564	0	1.207	0	0.3369	0	1.6372
NE+3.30	B108	118	DISX-COMB Max	1.6955	0	1.207	0	0.3369	0	2.0465
NE+3.30	B108	118	DISX-COMB Max	2.0345	0	1.207	0	0.3369	0	2.4557
NE+3.30	B108	118	DISX-COMB Max	2.3736	0	1.207	0	0.3369	0	2.865
NE+3.30	B108	118	DISX-COMB Max	2.7127	0	1.207	0	0.3369	0	3.2743
NE+3.30	B108	118	DISX-COMB Max	3.0518	0	1.207	0	0.3369	0	3.6836
NE+3.30	B108	118	DISX-COMB Max	3.3909	0	1.207	0	0.3369	0	4.0929
NE+3.30	B108	118	DISX-COMB Max	3.73	0	1.207	0	0.3369	0	4.5022
NE+3.30	B108	118	DISY-COMB Max	0	0	1.3773	0	1.2702	0	0
NE+3.30	B108	118	DISY-COMB Max	0.3391	0	1.3773	0	1.2702	0	0.467
NE+3.30	B108	118	DISY-COMB Max	0.6782	0	1.3773	0	1.2702	0	0.934
NE+3.30	B108	118	DISY-COMB Max	1.0173	0	1.3773	0	1.2702	0	1.4011
NE+3.30	B108	118	DISY-COMB Max	1.3564	0	1.3773	0	1.2702	0	1.8681
NE+3.30	B108	118	DISY-COMB Max	1.6955	0	1.3773	0	1.2702	0	2.3351
NE+3.30	B108	118	DISY-COMB Max	2.0345	0	1.3773	0	1.2702	0	2.8021
NE+3.30	B108	118	DISY-COMB Max	2.3736	0	1.3773	0	1.2702	0	3.2691
NE+3.30	B108	118	DISY-COMB Max	2.7127	0	1.3773	0	1.2702	0	3.7361
NE+3.30	B108	118	DISY-COMB Max	3.0518	0	1.3773	0	1.2702	0	4.2032
NE+3.30	B108	118	DISY-COMB Max	3.3909	0	1.3773	0	1.2702	0	4.6702
NE+3.30	B108	118	DISY-COMB Max	3.73	0	1.3773	0	1.2702	0	5.1372
NE+3.30	B108	118	B241	0	0	-21.9932	0	3.0311	0	0

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B108	118	B241	0.3391	0	-19.4286	0	3.0311	0	7.0793
NE+3.30	B108	118	B241	0.6782	0	-15.0326	0	3.0311	0	12.9612
NE+3.30	B108	118	B241	1.0173	0	-9.5483	0	3.0311	0	17.157
NE+3.30	B108	118	B241	1.3564	0	-3.2629	0	3.0311	0	19.3378
NE+3.30	B108	118	B241	1.6955	0	3.0915	0	3.0311	0	19.3669
NE+3.30	B108	118	B241	2.0345	0	9.4459	0	3.0311	0	17.2412
NE+3.30	B108	118	B241	2.3736	0	15.8003	0	3.0311	0	12.9608
NE+3.30	B108	118	B241	2.7127	0	22.0857	0	3.0311	0	6.5286
NE+3.30	B108	118	B241	3.0518	0	27.57	0	3.0311	0	-1.9185
NE+3.30	B108	118	B241	3.3909	0	31.966	0	3.0311	0	-12.0517
NE+3.30	B108	118	B241	3.73	0	34.5307	0	3.0311	0	-23.3823
NE+3.30	B108	118	B242	0	0	-32.5457	0	4.8937	0	0
NE+3.30	B108	118	B242	0.3391	0	-29.4276	0	4.8937	0	10.6076
NE+3.30	B108	118	B242	0.6782	0	-23.0519	0	4.8937	0	19.575
NE+3.30	B108	118	B242	1.0173	0	-14.7402	0	4.8937	0	26.0326
NE+3.30	B108	118	B242	1.3564	0	-5.0036	0	4.8937	0	29.3957
NE+3.30	B108	118	B242	1.6955	0	4.8557	0	4.8937	0	29.4208
NE+3.30	B108	118	B242	2.0345	0	14.715	0	4.8937	0	26.1027
NE+3.30	B108	118	B242	2.3736	0	24.5744	0	4.8937	0	19.4413
NE+3.30	B108	118	B242	2.7127	0	34.311	0	4.8937	0	9.4419
NE+3.30	B108	118	B242	3.0518	0	42.6226	0	4.8937	0	-3.652
NE+3.30	B108	118	B242	3.3909	0	48.9983	0	4.8937	0	-19.2556
NE+3.30	B108	118	B242	3.73	0	52.1165	0	4.8937	0	-36.4995
NE+3.30	B109	119	Pprop	0	0	-6.565	0	-0.4017	0	-4.5772
NE+3.30	B109	119	Pprop	0.4545	0	-4.945	0	-0.4017	0	-1.9613
NE+3.30	B109	119	Pprop	0.9091	0	-3.325	0	-0.4017	0	-0.0818
NE+3.30	B109	119	Pprop	1.3636	0	-1.705	0	-0.4017	0	1.0614
NE+3.30	B109	119	Pprop	1.8182	0	-0.085	0	-0.4017	0	1.4682
NE+3.30	B109	119	Pprop	2.2727	0	1.535	0	-0.4017	0	1.1387
NE+3.30	B109	119	Pprop	2.7273	0	3.155	0	-0.4017	0	0.0728
NE+3.30	B109	119	Pprop	3.1818	0	4.775	0	-0.4017	0	-1.7295
NE+3.30	B109	119	Pprop	3.6364	0	6.395	0	-0.4017	0	-4.2681
NE+3.30	B109	119	Pprop	4.0909	0	8.015	0	-0.4017	0	-7.5431
NE+3.30	B109	119	Pprop	4.5455	0	9.635	0	-0.4017	0	-11.5545
NE+3.30	B109	119	Pprop	5	0	11.255	0	-0.4017	0	-16.3022
NE+3.30	B109	119	Viva	0	0	-16.8714	0	-0.9681	0	-13.3126
NE+3.30	B109	119	Viva	0.4545	0	-15.8384	0	-0.9681	0	-5.8003
NE+3.30	B109	119	Viva	0.9091	0	-12.7392	0	-0.9681	0	0.7729
NE+3.30	B109	119	Viva	1.3636	0	-7.8166	0	-0.9681	0	5.4856
NE+3.30	B109	119	Viva	1.8182	0	-2.6196	0	-0.9681	0	7.8574
NE+3.30	B109	119	Viva	2.2727	0	2.5774	0	-0.9681	0	7.867
NE+3.30	B109	119	Viva	2.7273	0	7.7743	0	-0.9681	0	5.5143
NE+3.30	B109	119	Viva	3.1818	0	12.9713	0	-0.9681	0	0.7994
NE+3.30	B109	119	Viva	3.6364	0	18.1683	0	-0.9681	0	-6.2778
NE+3.30	B109	119	Viva	4.0909	0	23.0909	0	-0.9681	0	-15.6958

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B109	119	Viva	4.5455	0	26.1901	0	-0.9681	0	-26.9743
NE+3.30	B109	119	Viva	5	0	27.2231	0	-0.9681	0	-39.1919
NE+3.30	B109	119	Psup	0	0	-22.5538	0	-1.3741	0	-17.9716
NE+3.30	B109	119	Psup	0.4545	0	-21.1703	0	-1.3741	0	-7.9295
NE+3.30	B109	119	Psup	0.9091	0	-17.0199	0	-1.3741	0	0.8548
NE+3.30	B109	119	Psup	1.3636	0	-10.4275	0	-1.3741	0	7.1477
NE+3.30	B109	119	Psup	1.8182	0	-3.4677	0	-1.3741	0	10.3057
NE+3.30	B109	119	Psup	2.2727	0	3.4921	0	-1.3741	0	10.3002
NE+3.30	B109	119	Psup	2.7273	0	10.4518	0	-1.3741	0	7.1311
NE+3.30	B109	119	Psup	3.1818	0	17.4116	0	-1.3741	0	0.7985
NE+3.30	B109	119	Psup	3.6364	0	24.3714	0	-1.3741	0	-8.6976
NE+3.30	B109	119	Psup	4.0909	0	30.9638	0	-1.3741	0	-21.3286
NE+3.30	B109	119	Psup	4.5455	0	35.1142	0	-1.3741	0	-36.4511
NE+3.30	B109	119	Psup	5	0	36.4977	0	-1.3741	0	-52.8314
NE+3.30	B109	119	Viva.cub	0	0	0.0322	0	-0.0066	0	0.1516
NE+3.30	B109	119	Viva.cub	0.4545	0	0.0322	0	-0.0066	0	0.1369
NE+3.30	B109	119	Viva.cub	0.9091	0	0.0322	0	-0.0066	0	0.1223
NE+3.30	B109	119	Viva.cub	1.3636	0	0.0322	0	-0.0066	0	0.1077
NE+3.30	B109	119	Viva.cub	1.8182	0	0.0322	0	-0.0066	0	0.093
NE+3.30	B109	119	Viva.cub	2.2727	0	0.0322	0	-0.0066	0	0.0784
NE+3.30	B109	119	Viva.cub	2.7273	0	0.0322	0	-0.0066	0	0.0637
NE+3.30	B109	119	Viva.cub	3.1818	0	0.0322	0	-0.0066	0	0.0491
NE+3.30	B109	119	Viva.cub	3.6364	0	0.0322	0	-0.0066	0	0.0344
NE+3.30	B109	119	Viva.cub	4.0909	0	0.0322	0	-0.0066	0	0.0198
NE+3.30	B109	119	Viva.cub	4.5455	0	0.0322	0	-0.0066	0	0.0051
NE+3.30	B109	119	Viva.cub	5	0	0.0322	0	-0.0066	0	-0.0095
NE+3.30	B109	119	DISX-COMB Max	0	0	5.3217	0	0.1187	0	10.9547
NE+3.30	B109	119	DISX-COMB Max	0.4545	0	5.3217	0	0.1187	0	8.6104
NE+3.30	B109	119	DISX-COMB Max	0.9091	0	5.3217	0	0.1187	0	6.3226
NE+3.30	B109	119	DISX-COMB Max	1.3636	0	5.3217	0	0.1187	0	4.1849
NE+3.30	B109	119	DISX-COMB Max	1.8182	0	5.3217	0	0.1187	0	2.599
NE+3.30	B109	119	DISX-COMB Max	2.2727	0	5.3217	0	0.1187	0	2.7745
NE+3.30	B109	119	DISX-COMB Max	2.7273	0	5.3217	0	0.1187	0	4.5104
NE+3.30	B109	119	DISX-COMB Max	3.1818	0	5.3217	0	0.1187	0	6.6852
NE+3.30	B109	119	DISX-COMB Max	3.6364	0	5.3217	0	0.1187	0	8.9857
NE+3.30	B109	119	DISX-COMB Max	4.0909	0	5.3217	0	0.1187	0	11.3356
NE+3.30	B109	119	DISX-COMB Max	4.5455	0	5.3217	0	0.1187	0	13.7095
NE+3.30	B109	119	DISX-COMB Max	5	0	5.3217	0	0.1187	0	16.0969
NE+3.30	B109	119	DISY-COMB Max	0	0	1.4446	0	0.1264	0	2.6833
NE+3.30	B109	119	DISY-COMB Max	0.4545	0	1.4446	0	0.1264	0	3.0186
NE+3.30	B109	119	DISY-COMB Max	0.9091	0	1.4446	0	0.1264	0	3.4476
NE+3.30	B109	119	DISY-COMB Max	1.3636	0	1.4446	0	0.1264	0	3.9399
NE+3.30	B109	119	DISY-COMB Max	1.8182	0	1.4446	0	0.1264	0	4.4746
NE+3.30	B109	119	DISY-COMB Max	2.2727	0	1.4446	0	0.1264	0	5.0382
NE+3.30	B109	119	DISY-COMB Max	2.7273	0	1.4446	0	0.1264	0	5.622

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B109	119	DISY-COMB Max	3.1818	0	1.4446	0	0.1264	0	6.2204
NE+3.30	B109	119	DISY-COMB Max	3.6364	0	1.4446	0	0.1264	0	6.8294
NE+3.30	B109	119	DISY-COMB Max	4.0909	0	1.4446	0	0.1264	0	7.4466
NE+3.30	B109	119	DISY-COMB Max	4.5455	0	1.4446	0	0.1264	0	8.07
NE+3.30	B109	119	DISY-COMB Max	5	0	1.4446	0	0.1264	0	8.6983
NE+3.30	B109	119	B241	0	0	-37.7465	0	-2.302	0	-29.23
NE+3.30	B109	119	B241	0.4545	0	-33.8532	0	-2.302	0	-12.8215
NE+3.30	B109	119	B241	0.9091	0	-26.373	0	-2.302	0	1.0021
NE+3.30	B109	119	B241	1.3636	0	-15.7273	0	-2.302	0	10.6414
NE+3.30	B109	119	B241	1.8182	0	-4.6054	0	-2.302	0	15.2625
NE+3.30	B109	119	B241	2.2727	0	6.5166	0	-2.302	0	14.8282
NE+3.30	B109	119	B241	2.7273	0	17.6385	0	-2.302	0	9.3384
NE+3.30	B109	119	B241	3.1818	0	28.7604	0	-2.302	0	-1.2068
NE+3.30	B109	119	B241	3.6364	0	39.8824	0	-2.302	0	-16.8075
NE+3.30	B109	119	B241	4.0909	0	50.528	0	-2.302	0	-37.4264
NE+3.30	B109	119	B241	4.5455	0	58.0082	0	-2.302	0	-62.2295
NE+3.30	B109	119	B241	5	0	61.9016	0	-2.302	0	-89.6176
NE+3.30	B109	119	B242	0	0	-59.3323	0	-3.5254	0	-46.2786
NE+3.30	B109	119	B242	0.4545	0	-54.3423	0	-3.5254	0	-20.2018
NE+3.30	B109	119	B242	0.9091	0	-42.972	0	-3.5254	0	2.1567
NE+3.30	B109	119	B242	1.3636	0	-25.9709	0	-3.5254	0	17.952
NE+3.30	B109	119	B242	1.8182	0	-8.1227	0	-3.5254	0	25.7005
NE+3.30	B109	119	B242	2.2727	0	9.7255	0	-3.5254	0	25.3362
NE+3.30	B109	119	B242	2.7273	0	27.5738	0	-3.5254	0	16.8591
NE+3.30	B109	119	B242	3.1818	0	45.422	0	-3.5254	0	0.2692
NE+3.30	B109	119	B242	3.6364	0	63.2703	0	-3.5254	0	-24.4336
NE+3.30	B109	119	B242	4.0909	0	80.2713	0	-3.5254	0	-57.1831
NE+3.30	B109	119	B242	4.5455	0	91.6416	0	-3.5254	0	-96.4959
NE+3.30	B109	119	B242	5	0	96.6317	0	-3.5254	0	-139.5269
NE+3.30	B110	120	Pprop	0	0	-6.8206	0	0.4251	0	-4.8247
NE+3.30	B110	120	Pprop	0.4545	0	-5.2006	0	0.4251	0	-2.0926
NE+3.30	B110	120	Pprop	0.9091	0	-3.5806	0	0.4251	0	-0.0968
NE+3.30	B110	120	Pprop	1.3636	0	-1.9606	0	0.4251	0	1.1626
NE+3.30	B110	120	Pprop	1.8182	0	-0.3406	0	0.4251	0	1.6856
NE+3.30	B110	120	Pprop	2.2727	0	1.2794	0	0.4251	0	1.4722
NE+3.30	B110	120	Pprop	2.7273	0	2.8994	0	0.4251	0	0.5225
NE+3.30	B110	120	Pprop	3.1818	0	4.5194	0	0.4251	0	-1.1635
NE+3.30	B110	120	Pprop	3.6364	0	6.1394	0	0.4251	0	-3.586
NE+3.30	B110	120	Pprop	4.0909	0	7.7594	0	0.4251	0	-6.7448
NE+3.30	B110	120	Pprop	4.5455	0	9.3794	0	0.4251	0	-10.6399
NE+3.30	B110	120	Pprop	5	0	10.9994	0	0.4251	0	-15.2715
NE+3.30	B110	120	Viva	0	0	-17.2399	0	0.9801	0	-12.8803
NE+3.30	B110	120	Viva	0.4545	0	-16.2068	0	0.9801	0	-5.2005
NE+3.30	B110	120	Viva	0.9091	0	-13.1076	0	0.9801	0	1.5402
NE+3.30	B110	120	Viva	1.3636	0	-8.185	0	0.9801	0	6.4203

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B110	120	Viva	1.8182	0	-2.988	0	0.9801	0	8.9597
NE+3.30	B110	120	Viva	2.2727	0	2.2089	0	0.9801	0	9.1367
NE+3.30	B110	120	Viva	2.7273	0	7.4059	0	0.9801	0	6.9516
NE+3.30	B110	120	Viva	3.1818	0	12.6029	0	0.9801	0	2.4041
NE+3.30	B110	120	Viva	3.6364	0	17.7998	0	0.9801	0	-4.5056
NE+3.30	B110	120	Viva	4.0909	0	22.7225	0	0.9801	0	-13.7561
NE+3.30	B110	120	Viva	4.5455	0	25.8216	0	0.9801	0	-24.8671
NE+3.30	B110	120	Viva	5	0	26.8547	0	0.9801	0	-36.9173
NE+3.30	B110	120	Psup	0	0	-22.6137	0	1.3793	0	-16.9148
NE+3.30	B110	120	Psup	0.4545	0	-21.2302	0	1.3793	0	-6.8454
NE+3.30	B110	120	Psup	0.9091	0	-17.0798	0	1.3793	0	1.9662
NE+3.30	B110	120	Psup	1.3636	0	-10.4874	0	1.3793	0	8.2863
NE+3.30	B110	120	Psup	1.8182	0	-3.5276	0	1.3793	0	11.4715
NE+3.30	B110	120	Psup	2.2727	0	3.4321	0	1.3793	0	11.4933
NE+3.30	B110	120	Psup	2.7273	0	10.3919	0	1.3793	0	8.3514
NE+3.30	B110	120	Psup	3.1818	0	17.3517	0	1.3793	0	2.0461
NE+3.30	B110	120	Psup	3.6364	0	24.3115	0	1.3793	0	-7.4228
NE+3.30	B110	120	Psup	4.0909	0	30.9039	0	1.3793	0	-20.0266
NE+3.30	B110	120	Psup	4.5455	0	35.0543	0	1.3793	0	-35.1219
NE+3.30	B110	120	Psup	5	0	36.4377	0	1.3793	0	-51.4749
NE+3.30	B110	120	Viva.cub	0	0	0.0268	0	0.0035	0	0.1991
NE+3.30	B110	120	Viva.cub	0.4545	0	0.0268	0	0.0035	0	0.1869
NE+3.30	B110	120	Viva.cub	0.9091	0	0.0268	0	0.0035	0	0.1747
NE+3.30	B110	120	Viva.cub	1.3636	0	0.0268	0	0.0035	0	0.1626
NE+3.30	B110	120	Viva.cub	1.8182	0	0.0268	0	0.0035	0	0.1504
NE+3.30	B110	120	Viva.cub	2.2727	0	0.0268	0	0.0035	0	0.1382
NE+3.30	B110	120	Viva.cub	2.7273	0	0.0268	0	0.0035	0	0.126
NE+3.30	B110	120	Viva.cub	3.1818	0	0.0268	0	0.0035	0	0.1139
NE+3.30	B110	120	Viva.cub	3.6364	0	0.0268	0	0.0035	0	0.1017
NE+3.30	B110	120	Viva.cub	4.0909	0	0.0268	0	0.0035	0	0.0895
NE+3.30	B110	120	Viva.cub	4.5455	0	0.0268	0	0.0035	0	0.0774
NE+3.30	B110	120	Viva.cub	5	0	0.0268	0	0.0035	0	0.0652
NE+3.30	B110	120	DISX-COMB Max	0	0	2.6346	0	0.4856	0	5.4628
NE+3.30	B110	120	DISX-COMB Max	0.4545	0	2.6346	0	0.4856	0	4.2966
NE+3.30	B110	120	DISX-COMB Max	0.9091	0	2.6346	0	0.4856	0	3.154
NE+3.30	B110	120	DISX-COMB Max	1.3636	0	2.6346	0	0.4856	0	2.0744
NE+3.30	B110	120	DISX-COMB Max	1.8182	0	2.6346	0	0.4856	0	1.2355
NE+3.30	B110	120	DISX-COMB Max	2.2727	0	2.6346	0	0.4856	0	1.2721
NE+3.30	B110	120	DISX-COMB Max	2.7273	0	2.6346	0	0.4856	0	2.1396
NE+3.30	B110	120	DISX-COMB Max	3.1818	0	2.6346	0	0.4856	0	3.2258
NE+3.30	B110	120	DISX-COMB Max	3.6364	0	2.6346	0	0.4856	0	4.3706
NE+3.30	B110	120	DISX-COMB Max	4.0909	0	2.6346	0	0.4856	0	5.5377
NE+3.30	B110	120	DISX-COMB Max	4.5455	0	2.6346	0	0.4856	0	6.7156
NE+3.30	B110	120	DISX-COMB Max	5	0	2.6346	0	0.4856	0	7.8993
NE+3.30	B110	120	DISY-COMB Max	0	0	1.0321	0	0.3216	0	4.1192

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B110	120	DISY-COMB Max	0.4545	0	1.0321	0	0.3216	0	3.6523
NE+3.30	B110	120	DISY-COMB Max	0.9091	0	1.0321	0	0.3216	0	3.1862
NE+3.30	B110	120	DISY-COMB Max	1.3636	0	1.0321	0	0.3216	0	2.721
NE+3.30	B110	120	DISY-COMB Max	1.8182	0	1.0321	0	0.3216	0	2.2576
NE+3.30	B110	120	DISY-COMB Max	2.2727	0	1.0321	0	0.3216	0	1.797
NE+3.30	B110	120	DISY-COMB Max	2.7273	0	1.0321	0	0.3216	0	1.3425
NE+3.30	B110	120	DISY-COMB Max	3.1818	0	1.0321	0	0.3216	0	0.9031
NE+3.30	B110	120	DISY-COMB Max	3.6364	0	1.0321	0	0.3216	0	0.5186
NE+3.30	B110	120	DISY-COMB Max	4.0909	0	1.0321	0	0.3216	0	0.4031
NE+3.30	B110	120	DISY-COMB Max	4.5455	0	1.0321	0	0.3216	0	0.7045
NE+3.30	B110	120	DISY-COMB Max	5	0	1.0321	0	0.3216	0	1.1271
NE+3.30	B110	120	B241	0	0	-38.1556	0	2.3391	0	-28.1807
NE+3.30	B110	120	B241	0.4545	0	-34.2622	0	2.3391	0	-11.5863
NE+3.30	B110	120	B241	0.9091	0	-26.7821	0	2.3391	0	2.4233
NE+3.30	B110	120	B241	1.3636	0	-16.1364	0	2.3391	0	12.2485
NE+3.30	B110	120	B241	1.8182	0	-5.0145	0	2.3391	0	17.0555
NE+3.30	B110	120	B241	2.2727	0	6.1075	0	2.3391	0	16.8071
NE+3.30	B110	120	B241	2.7273	0	17.2294	0	2.3391	0	11.5033
NE+3.30	B110	120	B241	3.1818	0	28.3514	0	2.3391	0	1.144
NE+3.30	B110	120	B241	3.6364	0	39.4733	0	2.3391	0	-14.2707
NE+3.30	B110	120	B241	4.0909	0	50.119	0	2.3391	0	-34.7036
NE+3.30	B110	120	B241	4.5455	0	57.5991	0	2.3391	0	-59.3209
NE+3.30	B110	120	B241	5	0	61.4925	0	2.3391	0	-86.523
NE+3.30	B110	120	B242	0	0	-60.2752	0	3.5748	0	-44.6638
NE+3.30	B110	120	B242	0.4545	0	-55.2851	0	3.5748	0	-18.1584
NE+3.30	B110	120	B242	0.9091	0	-43.9149	0	3.5748	0	4.6287
NE+3.30	B110	120	B242	1.3636	0	-26.9138	0	3.5748	0	20.8526
NE+3.30	B110	120	B242	1.8182	0	-9.0656	0	3.5748	0	29.0297
NE+3.30	B110	120	B242	2.2727	0	8.7827	0	3.5748	0	29.094
NE+3.30	B110	120	B242	2.7273	0	26.6309	0	3.5748	0	21.0455
NE+3.30	B110	120	B242	3.1818	0	44.4791	0	3.5748	0	4.8841
NE+3.30	B110	120	B242	3.6364	0	62.3274	0	3.5748	0	-19.3901
NE+3.30	B110	120	B242	4.0909	0	79.3284	0	3.5748	0	-51.711
NE+3.30	B110	120	B242	4.5455	0	90.6987	0	3.5748	0	-90.5952
NE+3.30	B110	120	B242	5	0	95.6888	0	3.5748	0	-133.1977
NE+3.30	B115	125	Pprop	0	0	-6.3658	0	-0.2755	0	0
NE+3.30	B115	125	Pprop	0.54	0	-4.8262	0	-0.2755	0	3.0218
NE+3.30	B115	125	Pprop	1.08	0	-3.2865	0	-0.2755	0	5.2123
NE+3.30	B115	125	Pprop	1.62	0	-1.7469	0	-0.2755	0	6.5713
NE+3.30	B115	125	Pprop	2.16	0	-0.2072	0	-0.2755	0	7.0989
NE+3.30	B115	125	Pprop	2.7	0	1.3324	0	-0.2755	0	6.7951
NE+3.30	B115	125	Pprop	3.24	0	2.8721	0	-0.2755	0	5.6598
NE+3.30	B115	125	Pprop	3.78	0	4.4117	0	-0.2755	0	3.6932
NE+3.30	B115	125	Pprop	4.32	0	5.9514	0	-0.2755	0	0.8952
NE+3.30	B115	125	Pprop	4.86	0	7.491	0	-0.2755	0	-2.7343

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B115	125	Pprop	5.4	0	9.0307	0	-0.2755	0	-7.1951
NE+3.30	B115	125	Pprop	5.94	0	10.5703	0	-0.2755	0	-12.4874
NE+3.30	B115	125	Viva	0	0	-8.0989	0	-0.4069	0	0
NE+3.30	B115	125	Viva	0.54	0	-7.5157	0	-0.4069	0	4.2684
NE+3.30	B115	125	Viva	1.08	0	-5.7661	0	-0.4069	0	7.907
NE+3.30	B115	125	Viva	1.62	0	-3.3045	0	-0.4069	0	10.358
NE+3.30	B115	125	Viva	2.16	0	-0.8349	0	-0.4069	0	11.4757
NE+3.30	B115	125	Viva	2.7	0	1.6347	0	-0.4069	0	11.2597
NE+3.30	B115	125	Viva	3.24	0	4.1043	0	-0.4069	0	9.7102
NE+3.30	B115	125	Viva	3.78	0	6.5739	0	-0.4069	0	6.8271
NE+3.30	B115	125	Viva	4.32	0	9.0435	0	-0.4069	0	2.6104
NE+3.30	B115	125	Viva	4.86	0	11.5051	0	-0.4069	0	-2.9397
NE+3.30	B115	125	Viva	5.4	0	13.2547	0	-0.4069	0	-9.6773
NE+3.30	B115	125	Viva	5.94	0	13.8379	0	-0.4069	0	-17.0448
NE+3.30	B115	125	Psup	0	0	-27.0615	0	-1.3107	0	0
NE+3.30	B115	125	Psup	0.54	0	-25.1089	0	-1.3107	0	14.2618
NE+3.30	B115	125	Psup	1.08	0	-19.2513	0	-1.3107	0	26.4147
NE+3.30	B115	125	Psup	1.62	0	-11.0099	0	-1.3107	0	34.592
NE+3.30	B115	125	Psup	2.16	0	-2.7417	0	-1.3107	0	38.3049
NE+3.30	B115	125	Psup	2.7	0	5.5265	0	-1.3107	0	37.553
NE+3.30	B115	125	Psup	3.24	0	13.7947	0	-1.3107	0	32.3363
NE+3.30	B115	125	Psup	3.78	0	22.063	0	-1.3107	0	22.6547
NE+3.30	B115	125	Psup	4.32	0	30.3312	0	-1.3107	0	8.5083
NE+3.30	B115	125	Psup	4.86	0	38.5725	0	-1.3107	0	-10.1024
NE+3.30	B115	125	Psup	5.4	0	44.4302	0	-1.3107	0	-32.6889
NE+3.30	B115	125	Psup	5.94	0	46.3828	0	-1.3107	0	-57.3841
NE+3.30	B115	125	Viva.cub	0	0	-0.0035	0	-0.0002	0	0
NE+3.30	B115	125	Viva.cub	0.54	0	-0.0035	0	-0.0002	0	0.0019
NE+3.30	B115	125	Viva.cub	1.08	0	-0.0035	0	-0.0002	0	0.0038
NE+3.30	B115	125	Viva.cub	1.62	0	-0.0035	0	-0.0002	0	0.0057
NE+3.30	B115	125	Viva.cub	2.16	0	-0.0035	0	-0.0002	0	0.0076
NE+3.30	B115	125	Viva.cub	2.7	0	-0.0035	0	-0.0002	0	0.0095
NE+3.30	B115	125	Viva.cub	3.24	0	-0.0035	0	-0.0002	0	0.0114
NE+3.30	B115	125	Viva.cub	3.78	0	-0.0035	0	-0.0002	0	0.0133
NE+3.30	B115	125	Viva.cub	4.32	0	-0.0035	0	-0.0002	0	0.0152
NE+3.30	B115	125	Viva.cub	4.86	0	-0.0035	0	-0.0002	0	0.0171
NE+3.30	B115	125	Viva.cub	5.4	0	-0.0035	0	-0.0002	0	0.019
NE+3.30	B115	125	Viva.cub	5.94	0	-0.0035	0	-0.0002	0	0.0209
NE+3.30	B115	125	DISX-COMB Max	0	0	1.0259	0	0.0782	0	0
NE+3.30	B115	125	DISX-COMB Max	0.54	0	1.0259	0	0.0782	0	0.554
NE+3.30	B115	125	DISX-COMB Max	1.08	0	1.0259	0	0.0782	0	1.108
NE+3.30	B115	125	DISX-COMB Max	1.62	0	1.0259	0	0.0782	0	1.662
NE+3.30	B115	125	DISX-COMB Max	2.16	0	1.0259	0	0.0782	0	2.216
NE+3.30	B115	125	DISX-COMB Max	2.7	0	1.0259	0	0.0782	0	2.77
NE+3.30	B115	125	DISX-COMB Max	3.24	0	1.0259	0	0.0782	0	3.324

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B115	125	DISX-COMB Max	3.78	0	1.0259	0	0.0782	0	3.8781
NE+3.30	B115	125	DISX-COMB Max	4.32	0	1.0259	0	0.0782	0	4.4321
NE+3.30	B115	125	DISX-COMB Max	4.86	0	1.0259	0	0.0782	0	4.9861
NE+3.30	B115	125	DISX-COMB Max	5.4	0	1.0259	0	0.0782	0	5.5401
NE+3.30	B115	125	DISX-COMB Max	5.94	0	1.0259	0	0.0782	0	6.0941
NE+3.30	B115	125	DISY-COMB Max	0	0	0.9135	0	0.0285	0	0
NE+3.30	B115	125	DISY-COMB Max	0.54	0	0.9135	0	0.0285	0	0.4933
NE+3.30	B115	125	DISY-COMB Max	1.08	0	0.9135	0	0.0285	0	0.9866
NE+3.30	B115	125	DISY-COMB Max	1.62	0	0.9135	0	0.0285	0	1.4798
NE+3.30	B115	125	DISY-COMB Max	2.16	0	0.9135	0	0.0285	0	1.9731
NE+3.30	B115	125	DISY-COMB Max	2.7	0	0.9135	0	0.0285	0	2.4664
NE+3.30	B115	125	DISY-COMB Max	3.24	0	0.9135	0	0.0285	0	2.9597
NE+3.30	B115	125	DISY-COMB Max	3.78	0	0.9135	0	0.0285	0	3.453
NE+3.30	B115	125	DISY-COMB Max	4.32	0	0.9135	0	0.0285	0	3.9462
NE+3.30	B115	125	DISY-COMB Max	4.86	0	0.9135	0	0.0285	0	4.4395
NE+3.30	B115	125	DISY-COMB Max	5.4	0	0.9135	0	0.0285	0	4.9328
NE+3.30	B115	125	DISY-COMB Max	5.94	0	0.9135	0	0.0285	0	5.4261
NE+3.30	B115	125	B241	0	0	-43.3317	0	-2.0561	0	0
NE+3.30	B115	125	B241	0.54	0	-38.8048	0	-2.0561	0	22.4046
NE+3.30	B115	125	B241	1.08	0	-29.2157	0	-2.0561	0	40.998
NE+3.30	B115	125	B241	1.62	0	-16.5366	0	-2.0561	0	53.3597
NE+3.30	B115	125	B241	2.16	0	-3.8227	0	-2.0561	0	58.8567
NE+3.30	B115	125	B241	2.7	0	8.8912	0	-2.0561	0	57.4882
NE+3.30	B115	125	B241	3.24	0	21.6051	0	-2.0561	0	49.2542
NE+3.30	B115	125	B241	3.78	0	34.319	0	-2.0561	0	34.1547
NE+3.30	B115	125	B241	4.32	0	47.0329	0	-2.0561	0	12.1896
NE+3.30	B115	125	B241	4.86	0	59.712	0	-2.0561	0	-16.6402
NE+3.30	B115	125	B241	5.4	0	69.3011	0	-2.0561	0	-51.7015
NE+3.30	B115	125	B241	5.94	0	73.8281	0	-2.0561	0	-90.5742
NE+3.30	B115	125	B242	0	0	-50.1014	0	-2.4135	0	0
NE+3.30	B115	125	B242	0.54	0	-45.2881	0	-2.4135	0	26.0344
NE+3.30	B115	125	B242	1.08	0	-34.2695	0	-2.4135	0	47.7942
NE+3.30	B115	125	B242	1.62	0	-19.4632	0	-2.4135	0	62.3126
NE+3.30	B115	125	B242	2.16	0	-4.6142	0	-2.4135	0	68.8135
NE+3.30	B115	125	B242	2.7	0	10.2348	0	-2.4135	0	67.2959
NE+3.30	B115	125	B242	3.24	0	25.0838	0	-2.4135	0	57.7599
NE+3.30	B115	125	B242	3.78	0	39.9328	0	-2.4135	0	40.2054
NE+3.30	B115	125	B242	4.32	0	54.7818	0	-2.4135	0	14.6325
NE+3.30	B115	125	B242	4.86	0	69.5881	0	-2.4135	0	-18.958
NE+3.30	B115	125	B242	5.4	0	80.6067	0	-2.4135	0	-59.7898
NE+3.30	B115	125	B242	5.94	0	85.42	0	-2.4135	0	-104.8963
NE+3.30	B116	126	Pprop	0	0	-6.1129	0	0.3	0	0
NE+3.30	B116	126	Pprop	0.54	0	-4.5732	0	0.3	0	2.8853
NE+3.30	B116	126	Pprop	1.08	0	-3.0336	0	0.3	0	4.9391
NE+3.30	B116	126	Pprop	1.62	0	-1.4939	0	0.3	0	6.1615

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B116	126	Pprop	2.16	0	0.0457	0	0.3	0	6.5526
NE+3.30	B116	126	Pprop	2.7	0	1.5854	0	0.3	0	6.1122
NE+3.30	B116	126	Pprop	3.24	0	3.125	0	0.3	0	4.8404
NE+3.30	B116	126	Pprop	3.78	0	4.6647	0	0.3	0	2.7372
NE+3.30	B116	126	Pprop	4.32	0	6.2043	0	0.3	0	-0.1975
NE+3.30	B116	126	Pprop	4.86	0	7.7439	0	0.3	0	-3.9635
NE+3.30	B116	126	Pprop	5.4	0	9.2836	0	0.3	0	-8.5609
NE+3.30	B116	126	Pprop	5.94	0	10.8232	0	0.3	0	-13.9898
NE+3.30	B116	126	Viva	0	0	-7.6297	0	0.4759	0	0
NE+3.30	B116	126	Viva	0.54	0	-7.0465	0	0.4759	0	4.015
NE+3.30	B116	126	Viva	1.08	0	-5.2969	0	0.4759	0	7.4002
NE+3.30	B116	126	Viva	1.62	0	-2.8353	0	0.4759	0	9.5979
NE+3.30	B116	126	Viva	2.16	0	-0.3657	0	0.4759	0	10.4622
NE+3.30	B116	126	Viva	2.7	0	2.1039	0	0.4759	0	9.9929
NE+3.30	B116	126	Viva	3.24	0	4.5735	0	0.4759	0	8.19
NE+3.30	B116	126	Viva	3.78	0	7.0431	0	0.4759	0	5.0535
NE+3.30	B116	126	Viva	4.32	0	9.5127	0	0.4759	0	0.5834
NE+3.30	B116	126	Viva	4.86	0	11.9743	0	0.4759	0	-5.2201
NE+3.30	B116	126	Viva	5.4	0	13.7239	0	0.4759	0	-12.211
NE+3.30	B116	126	Viva	5.94	0	14.3071	0	0.4759	0	-19.8319
NE+3.30	B116	126	Psup	0	0	-26.4089	0	1.4456	0	0
NE+3.30	B116	126	Psup	0.54	0	-24.4564	0	1.4456	0	13.9094
NE+3.30	B116	126	Psup	1.08	0	-18.5987	0	1.4456	0	25.7099
NE+3.30	B116	126	Psup	1.62	0	-10.3573	0	1.4456	0	33.5348
NE+3.30	B116	126	Psup	2.16	0	-2.0891	0	1.4456	0	36.8953
NE+3.30	B116	126	Psup	2.7	0	6.1791	0	1.4456	0	35.791
NE+3.30	B116	126	Psup	3.24	0	14.4473	0	1.4456	0	30.2219
NE+3.30	B116	126	Psup	3.78	0	22.7156	0	1.4456	0	20.1879
NE+3.30	B116	126	Psup	4.32	0	30.9838	0	1.4456	0	5.6891
NE+3.30	B116	126	Psup	4.86	0	39.2251	0	1.4456	0	-13.274
NE+3.30	B116	126	Psup	5.4	0	45.0828	0	1.4456	0	-36.2129
NE+3.30	B116	126	Psup	5.94	0	47.0353	0	1.4456	0	-61.2605
NE+3.30	B116	126	Viva.cub	0	0	-0.0013	0	-0.0006	0	0
NE+3.30	B116	126	Viva.cub	0.54	0	-0.0013	0	-0.0006	0	0.0007
NE+3.30	B116	126	Viva.cub	1.08	0	-0.0013	0	-0.0006	0	0.0014
NE+3.30	B116	126	Viva.cub	1.62	0	-0.0013	0	-0.0006	0	0.0021
NE+3.30	B116	126	Viva.cub	2.16	0	-0.0013	0	-0.0006	0	0.0027
NE+3.30	B116	126	Viva.cub	2.7	0	-0.0013	0	-0.0006	0	0.0034
NE+3.30	B116	126	Viva.cub	3.24	0	-0.0013	0	-0.0006	0	0.0041
NE+3.30	B116	126	Viva.cub	3.78	0	-0.0013	0	-0.0006	0	0.0048
NE+3.30	B116	126	Viva.cub	4.32	0	-0.0013	0	-0.0006	0	0.0055
NE+3.30	B116	126	Viva.cub	4.86	0	-0.0013	0	-0.0006	0	0.0062
NE+3.30	B116	126	Viva.cub	5.4	0	-0.0013	0	-0.0006	0	0.0069
NE+3.30	B116	126	Viva.cub	5.94	0	-0.0013	0	-0.0006	0	0.0076
NE+3.30	B116	126	DISX-COMB Max	0	0	0.7809	0	0.1912	0	0

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B116	126	DISX-COMB Max	0.54	0	0.7809	0	0.1912	0	0.4217
NE+3.30	B116	126	DISX-COMB Max	1.08	0	0.7809	0	0.1912	0	0.8433
NE+3.30	B116	126	DISX-COMB Max	1.62	0	0.7809	0	0.1912	0	1.265
NE+3.30	B116	126	DISX-COMB Max	2.16	0	0.7809	0	0.1912	0	1.6867
NE+3.30	B116	126	DISX-COMB Max	2.7	0	0.7809	0	0.1912	0	2.1083
NE+3.30	B116	126	DISX-COMB Max	3.24	0	0.7809	0	0.1912	0	2.53
NE+3.30	B116	126	DISX-COMB Max	3.78	0	0.7809	0	0.1912	0	2.9517
NE+3.30	B116	126	DISX-COMB Max	4.32	0	0.7809	0	0.1912	0	3.3733
NE+3.30	B116	126	DISX-COMB Max	4.86	0	0.7809	0	0.1912	0	3.795
NE+3.30	B116	126	DISX-COMB Max	5.4	0	0.7809	0	0.1912	0	4.2167
NE+3.30	B116	126	DISX-COMB Max	5.94	0	0.7809	0	0.1912	0	4.6384
NE+3.30	B116	126	DISY-COMB Max	0	0	0.0788	0	0.3096	0	0
NE+3.30	B116	126	DISY-COMB Max	0.54	0	0.0788	0	0.3096	0	0.0425
NE+3.30	B116	126	DISY-COMB Max	1.08	0	0.0788	0	0.3096	0	0.0851
NE+3.30	B116	126	DISY-COMB Max	1.62	0	0.0788	0	0.3096	0	0.1276
NE+3.30	B116	126	DISY-COMB Max	2.16	0	0.0788	0	0.3096	0	0.1701
NE+3.30	B116	126	DISY-COMB Max	2.7	0	0.0788	0	0.3096	0	0.2127
NE+3.30	B116	126	DISY-COMB Max	3.24	0	0.0788	0	0.3096	0	0.2552
NE+3.30	B116	126	DISY-COMB Max	3.78	0	0.0788	0	0.3096	0	0.2978
NE+3.30	B116	126	DISY-COMB Max	4.32	0	0.0788	0	0.3096	0	0.3403
NE+3.30	B116	126	DISY-COMB Max	4.86	0	0.0788	0	0.3096	0	0.3828
NE+3.30	B116	126	DISY-COMB Max	5.4	0	0.0788	0	0.3096	0	0.4254
NE+3.30	B116	126	DISY-COMB Max	5.94	0	0.0788	0	0.3096	0	0.4679
NE+3.30	B116	126	B241	0	0	-42.1579	0	2.2628	0	0
NE+3.30	B116	126	B241	0.54	0	-37.631	0	2.2628	0	21.7708
NE+3.30	B116	126	B241	1.08	0	-28.0419	0	2.2628	0	39.7302
NE+3.30	B116	126	B241	1.62	0	-15.3628	0	2.2628	0	51.4582
NE+3.30	B116	126	B241	2.16	0	-2.6489	0	2.2628	0	56.3213
NE+3.30	B116	126	B241	2.7	0	10.065	0	2.2628	0	54.3189
NE+3.30	B116	126	B241	3.24	0	22.7789	0	2.2628	0	45.451
NE+3.30	B116	126	B241	3.78	0	35.4929	0	2.2628	0	29.7177
NE+3.30	B116	126	B241	4.32	0	48.2068	0	2.2628	0	7.1188
NE+3.30	B116	126	B241	4.86	0	60.8858	0	2.2628	0	-22.3449
NE+3.30	B116	126	B241	5.4	0	70.4749	0	2.2628	0	-58.0401
NE+3.30	B116	126	B241	5.94	0	75.0019	0	2.2628	0	-97.5467
NE+3.30	B116	126	B242	0	0	-48.3434	0	2.7007	0	0
NE+3.30	B116	126	B242	0.54	0	-43.5301	0	2.7007	0	25.0851
NE+3.30	B116	126	B242	1.08	0	-32.5115	0	2.7007	0	45.8956
NE+3.30	B116	126	B242	1.62	0	-17.7052	0	2.7007	0	59.4647
NE+3.30	B116	126	B242	2.16	0	-2.8562	0	2.7007	0	65.0163
NE+3.30	B116	126	B242	2.7	0	11.9928	0	2.7007	0	62.5494
NE+3.30	B116	126	B242	3.24	0	26.8418	0	2.7007	0	52.0641
NE+3.30	B116	126	B242	3.78	0	41.6908	0	2.7007	0	33.5603
NE+3.30	B116	126	B242	4.32	0	56.5398	0	2.7007	0	7.038
NE+3.30	B116	126	B242	4.86	0	71.3461	0	2.7007	0	-27.5018

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B116	126	B242	5.4	0	82.3647	0	2.7007	0	-69.2829
NE+3.30	B116	126	B242	5.94	0	87.178	0	2.7007	0	-115.3387
NE+3.30	B117	186	Pprop	0	0	-10.8952	0	0.2037	0	-11.5648
NE+3.30	B117	186	Pprop	0.6227	0	-9.1197	0	0.2037	0	-5.3329
NE+3.30	B117	186	Pprop	1.2455	0	-7.3442	0	0.2037	0	-0.2066
NE+3.30	B117	186	Pprop	1.8682	0	-5.5687	0	0.2037	0	3.814
NE+3.30	B117	186	Pprop	2.4909	0	-3.7932	0	0.2037	0	6.729
NE+3.30	B117	186	Pprop	3.1136	0	-2.0176	0	0.2037	0	8.5382
NE+3.30	B117	186	Pprop	3.7364	0	-0.2421	0	0.2037	0	9.2418
NE+3.30	B117	186	Pprop	4.3591	0	1.5334	0	0.2037	0	8.8398
NE+3.30	B117	186	Pprop	4.61	0	2.2488	0	0.2037	0	8.3653
NE+3.30	B117	186	Pprop	4.61	0	0.5053	0	0.2037	0	8.2849
NE+3.30	B117	186	Pprop	4.9818	0	1.5654	0	0.2037	0	7.9
NE+3.30	B117	186	Pprop	5.6045	0	3.3409	0	0.2037	0	6.3723
NE+3.30	B117	186	Pprop	6.2273	0	5.1165	0	0.2037	0	3.739
NE+3.30	B117	186	Pprop	6.85	0	6.892	0	0.2037	0	0
NE+3.30	B117	186	Viva	0	0	-13.6746	0	0.2968	0	-16.1949
NE+3.30	B117	186	Viva	0.6227	0	-12.899	0	0.2968	0	-7.8404
NE+3.30	B117	186	Viva	1.2455	0	-10.5931	0	0.2968	0	-0.451
NE+3.30	B117	186	Viva	1.8682	0	-7.7452	0	0.2968	0	5.2589
NE+3.30	B117	186	Viva	2.4909	0	-4.8973	0	0.2968	0	9.1953
NE+3.30	B117	186	Viva	3.1136	0	-2.0493	0	0.2968	0	11.3582
NE+3.30	B117	186	Viva	3.7364	0	0.7259	0	0.2968	0	11.7542
NE+3.30	B117	186	Viva	4.3591	0	2.8501	0	0.2968	0	10.6005
NE+3.30	B117	186	Viva	4.61	0	3.4868	0	0.2968	0	9.8028
NE+3.30	B117	186	Viva	4.61	0	0.9433	0	0.2968	0	10.1615
NE+3.30	B117	186	Viva	4.9818	0	1.9318	0	0.2968	0	9.6356
NE+3.30	B117	186	Viva	5.6045	0	4.2066	0	0.2968	0	7.7645
NE+3.30	B117	186	Viva	6.2273	0	6.4915	0	0.2968	0	4.3644
NE+3.30	B117	186	Viva	6.85	0	7.2671	0	0.2968	0	0
NE+3.30	B117	186	Psup	0	0	-46.5892	0	1.1137	0	-55.7351
NE+3.30	B117	186	Psup	0.6227	0	-43.9926	0	1.1137	0	-27.2618
NE+3.30	B117	186	Psup	1.2455	0	-36.2725	0	1.1137	0	-2.02
NE+3.30	B117	186	Psup	1.8682	0	-26.7376	0	1.1137	0	17.599
NE+3.30	B117	186	Psup	2.4909	0	-17.2027	0	1.1137	0	31.2804
NE+3.30	B117	186	Psup	3.1136	0	-7.6678	0	1.1137	0	39.0242
NE+3.30	B117	186	Psup	3.7364	0	1.6236	0	1.1137	0	40.8522
NE+3.30	B117	186	Psup	4.3591	0	8.7356	0	1.1137	0	37.4919
NE+3.30	B117	186	Psup	4.61	0	10.8673	0	1.1137	0	35.0238
NE+3.30	B117	186	Psup	4.61	0	4.3416	0	1.1137	0	36.6714
NE+3.30	B117	186	Psup	4.9818	0	7.651	0	1.1137	0	34.4706
NE+3.30	B117	186	Psup	5.6045	0	15.2672	0	1.1137	0	27.4694
NE+3.30	B117	186	Psup	6.2273	0	22.9168	0	1.1137	0	15.3489
NE+3.30	B117	186	Psup	6.85	0	25.5134	0	1.1137	0	0
NE+3.30	B117	186	Viva.cub	0	0	0.0169	0	3.131E-05	0	0.02

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B117	186	Viva.cub	0.6227	0	0.0169	0	3.131E-05	0	0.0095
NE+3.30	B117	186	Viva.cub	1.2455	0	0.0169	0	3.131E-05	0	-0.001
NE+3.30	B117	186	Viva.cub	1.8682	0	0.0169	0	3.131E-05	0	-0.0116
NE+3.30	B117	186	Viva.cub	2.4909	0	0.0169	0	3.131E-05	0	-0.0221
NE+3.30	B117	186	Viva.cub	3.1136	0	0.0169	0	3.131E-05	0	-0.0326
NE+3.30	B117	186	Viva.cub	3.7364	0	0.0169	0	3.131E-05	0	-0.0431
NE+3.30	B117	186	Viva.cub	4.3591	0	0.0169	0	3.131E-05	0	-0.0536
NE+3.30	B117	186	Viva.cub	4.61	0	0.0169	0	3.131E-05	0	-0.0579
NE+3.30	B117	186	Viva.cub	4.61	0	-0.0267	0	3.131E-05	0	-0.0597
NE+3.30	B117	186	Viva.cub	4.9818	0	-0.0267	0	3.131E-05	0	-0.0498
NE+3.30	B117	186	Viva.cub	5.6045	0	-0.0267	0	3.131E-05	0	-0.0332
NE+3.30	B117	186	Viva.cub	6.2273	0	-0.0267	0	3.131E-05	0	-0.0166
NE+3.30	B117	186	Viva.cub	6.85	0	-0.0267	0	3.131E-05	0	0
NE+3.30	B117	186	DISX-COMB Max	0	0	5.9726	0	0.0778	0	16.3808
NE+3.30	B117	186	DISX-COMB Max	0.6227	0	5.9726	0	0.0778	0	12.6799
NE+3.30	B117	186	DISX-COMB Max	1.2455	0	5.9726	0	0.0778	0	8.9943
NE+3.30	B117	186	DISX-COMB Max	1.8682	0	5.9726	0	0.0778	0	5.3553
NE+3.30	B117	186	DISX-COMB Max	2.4909	0	5.9726	0	0.0778	0	2.0316
NE+3.30	B117	186	DISX-COMB Max	3.1136	0	5.9726	0	0.0778	0	2.6911
NE+3.30	B117	186	DISX-COMB Max	3.7364	0	5.9726	0	0.0778	0	6.1663
NE+3.30	B117	186	DISX-COMB Max	4.3591	0	5.9726	0	0.0778	0	9.8219
NE+3.30	B117	186	DISX-COMB Max	4.61	0	5.9726	0	0.0778	0	11.3066
NE+3.30	B117	186	DISX-COMB Max	4.61	0	6.2721	0	0.0778	0	14.0495
NE+3.30	B117	186	DISX-COMB Max	4.9818	0	6.2721	0	0.0778	0	11.7174
NE+3.30	B117	186	DISX-COMB Max	5.6045	0	6.2721	0	0.0778	0	7.8116
NE+3.30	B117	186	DISX-COMB Max	6.2273	0	6.2721	0	0.0778	0	3.9058
NE+3.30	B117	186	DISX-COMB Max	6.85	0	6.2721	0	0.0778	0	0
NE+3.30	B117	186	DISY-COMB Max	0	0	7.7154	0	0.0612	0	12.5864
NE+3.30	B117	186	DISY-COMB Max	0.6227	0	7.7154	0	0.0612	0	7.7889
NE+3.30	B117	186	DISY-COMB Max	1.2455	0	7.7154	0	0.0612	0	3.0137
NE+3.30	B117	186	DISY-COMB Max	1.8682	0	7.7154	0	0.0612	0	1.9148
NE+3.30	B117	186	DISY-COMB Max	2.4909	0	7.7154	0	0.0612	0	6.6647
NE+3.30	B117	186	DISY-COMB Max	3.1136	0	7.7154	0	0.0612	0	11.4603
NE+3.30	B117	186	DISY-COMB Max	3.7364	0	7.7154	0	0.0612	0	16.2611
NE+3.30	B117	186	DISY-COMB Max	4.3591	0	7.7154	0	0.0612	0	21.0637
NE+3.30	B117	186	DISY-COMB Max	4.61	0	7.7154	0	0.0612	0	22.999
NE+3.30	B117	186	DISY-COMB Max	4.61	0	10.8644	0	0.0612	0	24.3363
NE+3.30	B117	186	DISY-COMB Max	4.9818	0	10.8644	0	0.0612	0	20.2967
NE+3.30	B117	186	DISY-COMB Max	5.6045	0	10.8644	0	0.0612	0	13.5312
NE+3.30	B117	186	DISY-COMB Max	6.2273	0	10.8644	0	0.0612	0	6.7656
NE+3.30	B117	186	DISY-COMB Max	6.85	0	10.8644	0	0.0612	0	0
NE+3.30	B117	186	B241	0	0	-74.5169	0	1.7077	0	-87.2406
NE+3.30	B117	186	B241	0.6227	0	-68.8492	0	1.7077	0	-42.2523
NE+3.30	B117	186	B241	1.2455	0	-56.5401	0	1.7077	0	-2.8863
NE+3.30	B117	186	B241	1.8682	0	-41.8785	0	1.7077	0	27.7576

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B117	186	B241	2.4909	0	-27.2168	0	1.7077	0	49.2714
NE+3.30	B117	186	B241	3.1136	0	-12.5552	0	1.7077	0	61.6549
NE+3.30	B117	186	B241	3.7364	0	1.7908	0	1.7077	0	64.9367
NE+3.30	B117	186	B241	4.3591	0	13.3117	0	1.7077	0	60.0596
NE+3.30	B117	186	B241	4.61	0	17.0023	0	1.7077	0	56.2451
NE+3.30	B117	186	B241	4.61	0	6.283	0	1.7077	0	58.2768
NE+3.30	B117	186	B241	4.9818	0	11.9472	0	1.7077	0	54.9248
NE+3.30	B117	186	B241	5.6045	0	24.1216	0	1.7077	0	43.8689
NE+3.30	B117	186	B241	6.2273	0	36.3394	0	1.7077	0	24.7436
NE+3.30	B117	186	B241	6.85	0	42.007	0	1.7077	0	0
NE+3.30	B117	186	B242	0	0	-85.7425	0	1.9386	0	-100.6795
NE+3.30	B117	186	B242	0.6227	0	-79.6436	0	1.9386	0	-48.7561
NE+3.30	B117	186	B242	1.2455	0	-65.4036	0	1.9386	0	-3.1962
NE+3.30	B117	186	B242	1.8682	0	-48.2797	0	1.9386	0	32.2007
NE+3.30	B117	186	B242	2.4909	0	-31.1559	0	1.9386	0	56.934
NE+3.30	B117	186	B242	3.1136	0	-14.032	0	1.9386	0	71.0039
NE+3.30	B117	186	B242	3.7364	0	2.7048	0	1.9386	0	74.4451
NE+3.30	B117	186	B242	4.3591	0	15.9787	0	1.9386	0	68.4136
NE+3.30	B117	186	B242	4.61	0	20.1608	0	1.9386	0	63.8657
NE+3.30	B117	186	B242	4.61	0	6.8814	0	1.9386	0	66.1801
NE+3.30	B117	186	B242	4.9818	0	13.318	0	1.9386	0	62.4704
NE+3.30	B117	186	B242	5.6045	0	27.393	0	1.9386	0	50.0086
NE+3.30	B117	186	B242	6.2273	0	41.5211	0	1.9386	0	28.1835
NE+3.30	B117	186	B242	6.85	0	47.62	0	1.9386	0	0
NE+3.30	B118	128	Pprop	0	0	-13.3707	0	-0.1994	0	-15.9047
NE+3.30	B118	128	Pprop	0.6227	0	-11.5952	0	-0.1994	0	-8.1312
NE+3.30	B118	128	Pprop	1.2455	0	-9.8197	0	-0.1994	0	-1.4634
NE+3.30	B118	128	Pprop	1.8682	0	-8.0441	0	-0.1994	0	4.0988
NE+3.30	B118	128	Pprop	2.4909	0	-6.2686	0	-0.1994	0	8.5552
NE+3.30	B118	128	Pprop	3.1136	0	-4.4931	0	-0.1994	0	11.906
NE+3.30	B118	128	Pprop	3.7364	0	-2.7176	0	-0.1994	0	14.1512
NE+3.30	B118	128	Pprop	4.3591	0	-0.9421	0	-0.1994	0	15.2907
NE+3.30	B118	128	Pprop	4.43	0	-0.7399	0	-0.1994	0	15.3503
NE+3.30	B118	128	Pprop	4.43	0	3.0483	0	-0.1998	0	15.7257
NE+3.30	B118	128	Pprop	4.9818	0	4.6216	0	-0.1998	0	13.6095
NE+3.30	B118	128	Pprop	5.6045	0	6.3971	0	-0.1998	0	10.1787
NE+3.30	B118	128	Pprop	6.2273	0	8.1726	0	-0.1998	0	5.6422
NE+3.30	B118	128	Pprop	6.85	0	9.9482	0	-0.1998	0	0
NE+3.30	B118	128	Viva	0	0	-17.389	0	-0.3105	0	-22.701
NE+3.30	B118	128	Viva	0.6227	0	-16.6134	0	-0.3105	0	-12.0334
NE+3.30	B118	128	Viva	1.2455	0	-14.3075	0	-0.3105	0	-2.331
NE+3.30	B118	128	Viva	1.8682	0	-11.4596	0	-0.3105	0	5.692
NE+3.30	B118	128	Viva	2.4909	0	-8.6117	0	-0.3105	0	11.9414
NE+3.30	B118	128	Viva	3.1136	0	-5.7637	0	-0.3105	0	16.4174
NE+3.30	B118	128	Viva	3.7364	0	-3.118	0	-0.3105	0	19.1502

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B118	128	Viva	4.3591	0	-1.2179	0	-0.3105	0	20.46
NE+3.30	B118	128	Viva	4.43	0	-1.0507	0	-0.3105	0	20.5403
NE+3.30	B118	128	Viva	4.43	0	3.0764	0	-0.3109	0	21.45
NE+3.30	B118	128	Viva	4.9818	0	5.0995	0	-0.3109	0	19.2642
NE+3.30	B118	128	Viva	5.6045	0	8.8478	0	-0.3109	0	14.9552
NE+3.30	B118	128	Viva	6.2273	0	12.3981	0	-0.3109	0	8.2841
NE+3.30	B118	128	Viva	6.85	0	13.7554	0	-0.3109	0	0
NE+3.30	B118	128	Psup	0	0	-52.4428	0	-1.14	0	-66.3108
NE+3.30	B118	128	Psup	0.6227	0	-49.8461	0	-1.14	0	-34.1922
NE+3.30	B118	128	Psup	1.2455	0	-42.126	0	-1.14	0	-5.3053
NE+3.30	B118	128	Psup	1.8682	0	-32.5911	0	-1.14	0	17.9589
NE+3.30	B118	128	Psup	2.4909	0	-23.0562	0	-1.14	0	35.2854
NE+3.30	B118	128	Psup	3.1136	0	-13.5212	0	-1.14	0	46.6743
NE+3.30	B118	128	Psup	3.7364	0	-4.6634	0	-1.14	0	52.227
NE+3.30	B118	128	Psup	4.3591	0	1.6981	0	-1.14	0	53.0156
NE+3.30	B118	128	Psup	4.43	0	2.2577	0	-1.14	0	52.8751
NE+3.30	B118	128	Psup	4.43	0	10.1943	0	-1.1412	0	55.8756
NE+3.30	B118	128	Psup	4.9818	0	15.4383	0	-1.1412	0	48.8971
NE+3.30	B118	128	Psup	5.6045	0	23.3185	0	-1.1412	0	36.8747
NE+3.30	B118	128	Psup	6.2273	0	30.3892	0	-1.1412	0	20.0022
NE+3.30	B118	128	Psup	6.85	0	32.9858	0	-1.1412	0	0
NE+3.30	B118	128	Viva.cub	0	0	-0.0025	0	-0.0001	0	-0.011
NE+3.30	B118	128	Viva.cub	0.6227	0	-0.0025	0	-0.0001	0	-0.0095
NE+3.30	B118	128	Viva.cub	1.2455	0	-0.0025	0	-0.0001	0	-0.008
NE+3.30	B118	128	Viva.cub	1.8682	0	-0.0025	0	-0.0001	0	-0.0064
NE+3.30	B118	128	Viva.cub	2.4909	0	-0.0025	0	-0.0001	0	-0.0049
NE+3.30	B118	128	Viva.cub	3.1136	0	-0.0025	0	-0.0001	0	-0.0034
NE+3.30	B118	128	Viva.cub	3.7364	0	-0.0025	0	-0.0001	0	-0.0019
NE+3.30	B118	128	Viva.cub	4.3591	0	-0.0025	0	-0.0001	0	-0.0003
NE+3.30	B118	128	Viva.cub	4.43	0	-0.0025	0	-0.0001	0	-0.0002
NE+3.30	B118	128	Viva.cub	4.43	0	0.0005	0	-0.0001	0	0.0012
NE+3.30	B118	128	Viva.cub	4.9818	0	0.0005	0	-0.0001	0	0.001
NE+3.30	B118	128	Viva.cub	5.6045	0	0.0005	0	-0.0001	0	0.0006
NE+3.30	B118	128	Viva.cub	6.2273	0	0.0005	0	-0.0001	0	0.0003
NE+3.30	B118	128	Viva.cub	6.85	0	0.0005	0	-0.0001	0	0
NE+3.30	B118	128	DISX-COMB Max	0	0	0.6155	0	0.1624	0	4.255
NE+3.30	B118	128	DISX-COMB Max	0.6227	0	0.6155	0	0.1624	0	3.8721
NE+3.30	B118	128	DISX-COMB Max	1.2455	0	0.6155	0	0.1624	0	3.4892
NE+3.30	B118	128	DISX-COMB Max	1.8682	0	0.6155	0	0.1624	0	3.1064
NE+3.30	B118	128	DISX-COMB Max	2.4909	0	0.6155	0	0.1624	0	2.7237
NE+3.30	B118	128	DISX-COMB Max	3.1136	0	0.6155	0	0.1624	0	2.3413
NE+3.30	B118	128	DISX-COMB Max	3.7364	0	0.6155	0	0.1624	0	1.9592
NE+3.30	B118	128	DISX-COMB Max	4.3591	0	0.6155	0	0.1624	0	1.5776
NE+3.30	B118	128	DISX-COMB Max	4.43	0	0.6155	0	0.1624	0	1.5342
NE+3.30	B118	128	DISX-COMB Max	4.43	0	0.2391	0	0.1623	0	0.5787

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B118	128	DISX-COMB Max	4.9818	0	0.2391	0	0.1623	0	0.4467
NE+3.30	B118	128	DISX-COMB Max	5.6045	0	0.2391	0	0.1623	0	0.2978
NE+3.30	B118	128	DISX-COMB Max	6.2273	0	0.2391	0	0.1623	0	0.1489
NE+3.30	B118	128	DISX-COMB Max	6.85	0	0.2391	0	0.1623	0	0
NE+3.30	B118	128	DISY-COMB Max	0	0	0.3209	0	0.2206	0	1.2606
NE+3.30	B118	128	DISY-COMB Max	0.6227	0	0.3209	0	0.2206	0	1.0621
NE+3.30	B118	128	DISY-COMB Max	1.2455	0	0.3209	0	0.2206	0	0.8641
NE+3.30	B118	128	DISY-COMB Max	1.8682	0	0.3209	0	0.2206	0	0.6673
NE+3.30	B118	128	DISY-COMB Max	2.4909	0	0.3209	0	0.2206	0	0.473
NE+3.30	B118	128	DISY-COMB Max	3.1136	0	0.3209	0	0.2206	0	0.2864
NE+3.30	B118	128	DISY-COMB Max	3.7364	0	0.3209	0	0.2206	0	0.1421
NE+3.30	B118	128	DISY-COMB Max	4.3591	0	0.3209	0	0.2206	0	0.1953
NE+3.30	B118	128	DISY-COMB Max	4.43	0	0.3209	0	0.2206	0	0.2128
NE+3.30	B118	128	DISY-COMB Max	4.43	0	0.0435	0	0.2206	0	0.1052
NE+3.30	B118	128	DISY-COMB Max	4.9818	0	0.0435	0	0.2206	0	0.0812
NE+3.30	B118	128	DISY-COMB Max	5.6045	0	0.0435	0	0.2206	0	0.0541
NE+3.30	B118	128	DISY-COMB Max	6.2273	0	0.0435	0	0.2206	0	0.0271
NE+3.30	B118	128	DISY-COMB Max	6.85	0	0.0435	0	0.2206	0	0
NE+3.30	B118	128	B241	0	0	-85.3138	0	-1.7363	0	-106.5755
NE+3.30	B118	128	B241	0.6227	0	-79.6461	0	-1.7363	0	-54.8637
NE+3.30	B118	128	B241	1.2455	0	-67.337	0	-1.7363	0	-8.7742
NE+3.30	B118	128	B241	1.8682	0	-52.6753	0	-1.7363	0	28.5933
NE+3.30	B118	128	B241	2.4909	0	-38.0136	0	-1.7363	0	56.8305
NE+3.30	B118	128	B241	3.1136	0	-23.3519	0	-1.7363	0	75.9375
NE+3.30	B118	128	B241	3.7364	0	-9.5679	0	-1.7363	0	86.0458
NE+3.30	B118	128	B241	4.3591	0	0.98	0	-1.7363	0	88.5451
NE+3.30	B118	128	B241	4.43	0	1.9676	0	-1.7363	0	88.4403
NE+3.30	B118	128	B241	4.43	0	17.1663	0	-1.7383	0	92.8164
NE+3.30	B118	128	B241	4.9818	0	26.0036	0	-1.7383	0	81.027
NE+3.30	B118	128	B241	5.6045	0	38.5203	0	-1.7383	0	60.9951
NE+3.30	B118	128	B241	6.2273	0	49.9876	0	-1.7383	0	33.2427
NE+3.30	B118	128	B241	6.85	0	55.6552	0	-1.7383	0	0
NE+3.30	B118	128	B242	0	0	-100.9497	0	-1.9851	0	-127.6775
NE+3.30	B118	128	B242	0.6227	0	-94.8508	0	-1.9851	0	-66.2841
NE+3.30	B118	128	B242	1.2455	0	-80.6107	0	-1.9851	0	-11.2543
NE+3.30	B118	128	B242	1.8682	0	-63.4869	0	-1.9851	0	33.6125
NE+3.30	B118	128	B242	2.4909	0	-46.363	0	-1.9851	0	67.8157
NE+3.30	B118	128	B242	3.1136	0	-29.2391	0	-1.9851	0	91.3554
NE+3.30	B118	128	B242	3.7364	0	-13.1911	0	-1.9851	0	104.3929
NE+3.30	B118	128	B242	4.3591	0	-1.1099	0	-1.9851	0	108.6316
NE+3.30	B118	128	B242	4.43	0	0.0041	0	-1.9851	0	108.6705
NE+3.30	B118	128	B242	4.43	0	19.6364	0	-1.9875	0	113.8775
NE+3.30	B118	128	B242	4.9818	0	30.4482	0	-1.9875	0	100.2749
NE+3.30	B118	128	B242	5.6045	0	47.1741	0	-1.9875	0	76.2101
NE+3.30	B118	128	B242	6.2273	0	62.6837	0	-1.9875	0	41.7485

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B118	128	B242	6.85	0	69.7133	0	-1.9875	0	0
NE+3.30	B129	139	Pprop	0	0	-7.367	0	0.0021	0	-9.3567
NE+3.30	B129	139	Pprop	0.1518	0	-7.0128	0	0.0021	0	-8.2651
NE+3.30	B129	139	Pprop	0.3036	0	-6.6586	0	0.0021	0	-7.2274
NE+3.30	B129	139	Pprop	0.4555	0	-6.3045	0	0.0021	0	-6.2433
NE+3.30	B129	139	Pprop	0.6073	0	-5.9503	0	0.0021	0	-5.3131
NE+3.30	B129	139	Pprop	0.7591	0	-5.5962	0	0.0021	0	-4.4366
NE+3.30	B129	139	Pprop	0.9109	0	-5.242	0	0.0021	0	-3.6139
NE+3.30	B129	139	Pprop	1.0627	0	-4.8878	0	0.0021	0	-2.8449
NE+3.30	B129	139	Pprop	1.2145	0	-4.5337	0	0.0021	0	-2.1298
NE+3.30	B129	139	Pprop	1.3664	0	-4.1795	0	0.0021	0	-1.4683
NE+3.30	B129	139	Pprop	1.5182	0	-3.8254	0	0.0021	0	-0.8607
NE+3.30	B129	139	Pprop	1.67	0	-3.4712	0	0.0021	0	-0.3068
NE+3.30	B129	139	Viva	0	0	-13.1178	0	0.0217	0	-16.681
NE+3.30	B129	139	Viva	0.1518	0	-13.0025	0	0.0217	0	-14.6953
NE+3.30	B129	139	Viva	0.3036	0	-12.6568	0	0.0217	0	-12.7446
NE+3.30	B129	139	Viva	0.4555	0	-12.0806	0	0.0217	0	-10.8639
NE+3.30	B129	139	Viva	0.6073	0	-11.2739	0	0.0217	0	-9.0882
NE+3.30	B129	139	Viva	0.7591	0	-10.2367	0	0.0217	0	-7.4524
NE+3.30	B129	139	Viva	0.9109	0	-9.0266	0	0.0217	0	-5.9902
NE+3.30	B129	139	Viva	1.0627	0	-7.9894	0	0.0217	0	-4.7014
NE+3.30	B129	139	Viva	1.2145	0	-7.1827	0	0.0217	0	-3.5526
NE+3.30	B129	139	Viva	1.3664	0	-6.6065	0	0.0217	0	-2.5088
NE+3.30	B129	139	Viva	1.5182	0	-6.2608	0	0.0217	0	-1.535
NE+3.30	B129	139	Viva	1.67	0	-6.1455	0	0.0217	0	-0.5961
NE+3.30	B129	139	Psup	0	0	-16.9797	0	-0.0062	0	-21.1896
NE+3.30	B129	139	Psup	0.1518	0	-16.8254	0	-0.0062	0	-18.6195
NE+3.30	B129	139	Psup	0.3036	0	-16.3624	0	-0.0062	0	-16.0964
NE+3.30	B129	139	Psup	0.4555	0	-15.5907	0	-0.0062	0	-13.667
NE+3.30	B129	139	Psup	0.6073	0	-14.5103	0	-0.0062	0	-11.3781
NE+3.30	B129	139	Psup	0.7591	0	-13.1213	0	-0.0062	0	-9.2767
NE+3.30	B129	139	Psup	0.9109	0	-11.5008	0	-0.0062	0	-7.4077
NE+3.30	B129	139	Psup	1.0627	0	-10.1118	0	-0.0062	0	-5.771
NE+3.30	B129	139	Psup	1.2145	0	-9.0315	0	-0.0062	0	-4.3217
NE+3.30	B129	139	Psup	1.3664	0	-8.2598	0	-0.0062	0	-3.0131
NE+3.30	B129	139	Psup	1.5182	0	-7.7968	0	-0.0062	0	-1.7981
NE+3.30	B129	139	Psup	1.67	0	-7.6425	0	-0.0062	0	-0.6301
NE+3.30	B129	139	Viva.cub	0	0	-0.0364	0	-0.0046	0	-0.0663
NE+3.30	B129	139	Viva.cub	0.1518	0	-0.0364	0	-0.0046	0	-0.0608
NE+3.30	B129	139	Viva.cub	0.3036	0	-0.0364	0	-0.0046	0	-0.0553
NE+3.30	B129	139	Viva.cub	0.4555	0	-0.0364	0	-0.0046	0	-0.0497
NE+3.30	B129	139	Viva.cub	0.6073	0	-0.0364	0	-0.0046	0	-0.0442
NE+3.30	B129	139	Viva.cub	0.7591	0	-0.0364	0	-0.0046	0	-0.0387
NE+3.30	B129	139	Viva.cub	0.9109	0	-0.0364	0	-0.0046	0	-0.0331
NE+3.30	B129	139	Viva.cub	1.0627	0	-0.0364	0	-0.0046	0	-0.0276

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B129	139	Viva.cub	1.2145	0	-0.0364	0	-0.0046	0	-0.0221
NE+3.30	B129	139	Viva.cub	1.3664	0	-0.0364	0	-0.0046	0	-0.0165
NE+3.30	B129	139	Viva.cub	1.5182	0	-0.0364	0	-0.0046	0	-0.011
NE+3.30	B129	139	Viva.cub	1.67	0	-0.0364	0	-0.0046	0	-0.0055
NE+3.30	B129	139	DISX-COMB Max	0	0	2.111	0	3.0742	0	3.5567
NE+3.30	B129	139	DISX-COMB Max	0.1518	0	2.111	0	3.0742	0	3.2368
NE+3.30	B129	139	DISX-COMB Max	0.3036	0	2.111	0	3.0742	0	2.917
NE+3.30	B129	139	DISX-COMB Max	0.4555	0	2.111	0	3.0742	0	2.5974
NE+3.30	B129	139	DISX-COMB Max	0.6073	0	2.111	0	3.0742	0	2.278
NE+3.30	B129	139	DISX-COMB Max	0.7591	0	2.111	0	3.0742	0	1.9591
NE+3.30	B129	139	DISX-COMB Max	0.9109	0	2.111	0	3.0742	0	1.6406
NE+3.30	B129	139	DISX-COMB Max	1.0627	0	2.111	0	3.0742	0	1.3232
NE+3.30	B129	139	DISX-COMB Max	1.2145	0	2.111	0	3.0742	0	1.0078
NE+3.30	B129	139	DISX-COMB Max	1.3664	0	2.111	0	3.0742	0	0.697
NE+3.30	B129	139	DISX-COMB Max	1.5182	0	2.111	0	3.0742	0	0.4016
NE+3.30	B129	139	DISX-COMB Max	1.67	0	2.111	0	3.0742	0	0.2054
NE+3.30	B129	139	DISY-COMB Max	0	0	8.3193	0	0.2811	0	14.8786
NE+3.30	B129	139	DISY-COMB Max	0.1518	0	8.3193	0	0.2811	0	13.6156
NE+3.30	B129	139	DISY-COMB Max	0.3036	0	8.3193	0	0.2811	0	12.3526
NE+3.30	B129	139	DISY-COMB Max	0.4555	0	8.3193	0	0.2811	0	11.0895
NE+3.30	B129	139	DISY-COMB Max	0.6073	0	8.3193	0	0.2811	0	9.8265
NE+3.30	B129	139	DISY-COMB Max	0.7591	0	8.3193	0	0.2811	0	8.5635
NE+3.30	B129	139	DISY-COMB Max	0.9109	0	8.3193	0	0.2811	0	7.3005
NE+3.30	B129	139	DISY-COMB Max	1.0627	0	8.3193	0	0.2811	0	6.0375
NE+3.30	B129	139	DISY-COMB Max	1.2145	0	8.3193	0	0.2811	0	4.7745
NE+3.30	B129	139	DISY-COMB Max	1.3664	0	8.3193	0	0.2811	0	3.5116
NE+3.30	B129	139	DISY-COMB Max	1.5182	0	8.3193	0	0.2811	0	2.2487
NE+3.30	B129	139	DISY-COMB Max	1.67	0	8.3193	0	0.2811	0	0.9862
NE+3.30	B129	139	B241	0	0	-31.5605	0	-0.0052	0	-39.597
NE+3.30	B129	139	B241	0.1518	0	-30.9013	0	-0.0052	0	-34.8505
NE+3.30	B129	139	B241	0.3036	0	-29.842	0	-0.0052	0	-30.2345
NE+3.30	B129	139	B241	0.4555	0	-28.3826	0	-0.0052	0	-25.8096
NE+3.30	B129	139	B241	0.6073	0	-26.5231	0	-0.0052	0	-21.6367
NE+3.30	B129	139	B241	0.7591	0	-24.2634	0	-0.0052	0	-17.7765
NE+3.30	B129	139	B241	0.9109	0	-21.7036	0	-0.0052	0	-14.2872
NE+3.30	B129	139	B241	1.0627	0	-19.444	0	-0.0052	0	-11.1688
NE+3.30	B129	139	B241	1.2145	0	-17.5844	0	-0.0052	0	-8.363
NE+3.30	B129	139	B241	1.3664	0	-16.125	0	-0.0052	0	-5.8093
NE+3.30	B129	139	B241	1.5182	0	-15.0657	0	-0.0052	0	-3.4467
NE+3.30	B129	139	B241	1.67	0	-14.4066	0	-0.0052	0	-1.2145
NE+3.30	B129	139	B242	0	0	-48.0585	0	0.0279	0	-60.663
NE+3.30	B129	139	B242	0.1518	0	-47.3091	0	0.0279	0	-53.4148
NE+3.30	B129	139	B242	0.3036	0	-45.848	0	0.0279	0	-46.3343
NE+3.30	B129	139	B242	0.4555	0	-43.6751	0	0.0279	0	-39.5297
NE+3.30	B129	139	B242	0.6073	0	-40.7905	0	0.0279	0	-33.109

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B129	139	B242	0.7591	0	-37.1941	0	0.0279	0	-27.1802
NE+3.30	B129	139	B242	0.9109	0	-33.0639	0	0.0279	0	-21.847
NE+3.30	B129	139	B242	1.0627	0	-29.4676	0	0.0279	0	-17.1093
NE+3.30	B129	139	B242	1.2145	0	-26.583	0	0.0279	0	-12.8635
NE+3.30	B129	139	B242	1.3664	0	-24.4101	0	0.0279	0	-9.0017
NE+3.30	B129	139	B242	1.5182	0	-22.9489	0	0.0279	0	-5.4157
NE+3.30	B129	139	B242	1.67	0	-22.1996	0	0.0279	0	-1.9976
NE+3.30	B131	141	Pprop	0	0	-3.1238	0	-0.0194	0	-1.8374
NE+3.30	B131	141	Pprop	0.3	0	-2.424	0	-0.0194	0	-1.0052
NE+3.30	B131	141	Pprop	0.6	0	-1.7241	0	-0.0194	0	-0.383
NE+3.30	B131	141	Pprop	0.9	0	-1.0243	0	-0.0194	0	0.0293
NE+3.30	B131	141	Pprop	1.2	0	-0.3245	0	-0.0194	0	0.2316
NE+3.30	B131	141	Pprop	1.5	0	0.3754	0	-0.0194	0	0.224
NE+3.30	B131	141	Pprop	1.8	0	1.0752	0	-0.0194	0	0.0064
NE+3.30	B131	141	Pprop	2.1	0	1.7751	0	-0.0194	0	-0.4212
NE+3.30	B131	141	Pprop	2.4	0	2.4749	0	-0.0194	0	-1.0586
NE+3.30	B131	141	Pprop	2.7	0	3.1747	0	-0.0194	0	-1.9061
NE+3.30	B131	141	Pprop	3	0	3.8746	0	-0.0194	0	-2.9635
NE+3.30	B131	141	Pprop	3.3	0	4.5744	0	-0.0194	0	-4.2308
NE+3.30	B131	141	Viva	0	0	-11.6541	0	-0.0283	0	-5.5015
NE+3.30	B131	141	Viva	0.3	0	-10.1931	0	-0.0283	0	-2.2132
NE+3.30	B131	141	Viva	0.6	0	-8.2821	0	-0.0283	0	0.5693
NE+3.30	B131	141	Viva	0.9	0	-5.9211	0	-0.0283	0	2.7111
NE+3.30	B131	141	Viva	1.2	0	-3.289	0	-0.0283	0	4.0929
NE+3.30	B131	141	Viva	1.5	0	-0.6542	0	-0.0283	0	4.6844
NE+3.30	B131	141	Viva	1.8	0	1.9805	0	-0.0283	0	4.4855
NE+3.30	B131	141	Viva	2.1	0	4.6153	0	-0.0283	0	3.4961
NE+3.30	B131	141	Viva	2.4	0	7.2474	0	-0.0283	0	1.7163
NE+3.30	B131	141	Viva	2.7	0	9.6084	0	-0.0283	0	-0.8233
NE+3.30	B131	141	Viva	3	0	11.5194	0	-0.0283	0	-4.0037
NE+3.30	B131	141	Viva	3.3	0	12.9804	0	-0.0283	0	-7.6899
NE+3.30	B131	141	Psup	0	0	-17.2339	0	-0.0417	0	-7.905
NE+3.30	B131	141	Psup	0.3	0	-14.9594	0	-0.0417	0	-3.061
NE+3.30	B131	141	Psup	0.6	0	-12.0823	0	-0.0417	0	1.0104
NE+3.30	B131	141	Psup	0.9	0	-8.6025	0	-0.0417	0	4.1281
NE+3.30	B131	141	Psup	1.2	0	-4.7597	0	-0.0417	0	6.133
NE+3.30	B131	141	Psup	1.5	0	-0.9133	0	-0.0417	0	6.9839
NE+3.30	B131	141	Psup	1.8	0	2.9331	0	-0.0417	0	6.681
NE+3.30	B131	141	Psup	2.1	0	6.7794	0	-0.0417	0	5.2241
NE+3.30	B131	141	Psup	2.4	0	10.6222	0	-0.0417	0	2.6133
NE+3.30	B131	141	Psup	2.7	0	14.102	0	-0.0417	0	-1.1104
NE+3.30	B131	141	Psup	3	0	16.9791	0	-0.0417	0	-5.7876
NE+3.30	B131	141	Psup	3.3	0	19.2536	0	-0.0417	0	-11.2376
NE+3.30	B131	141	Viva.cub	0	0	0.0186	0	-0.0324	0	0.0285
NE+3.30	B131	141	Viva.cub	0.3	0	0.0186	0	-0.0324	0	0.023

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B131	141	Viva.cub	0.6	0	0.0186	0	-0.0324	0	0.0174
NE+3.30	B131	141	Viva.cub	0.9	0	0.0186	0	-0.0324	0	0.0118
NE+3.30	B131	141	Viva.cub	1.2	0	0.0186	0	-0.0324	0	0.0062
NE+3.30	B131	141	Viva.cub	1.5	0	0.0186	0	-0.0324	0	0.0006
NE+3.30	B131	141	Viva.cub	1.8	0	0.0186	0	-0.0324	0	-0.0049
NE+3.30	B131	141	Viva.cub	2.1	0	0.0186	0	-0.0324	0	-0.0105
NE+3.30	B131	141	Viva.cub	2.4	0	0.0186	0	-0.0324	0	-0.0161
NE+3.30	B131	141	Viva.cub	2.7	0	0.0186	0	-0.0324	0	-0.0217
NE+3.30	B131	141	Viva.cub	3	0	0.0186	0	-0.0324	0	-0.0273
NE+3.30	B131	141	Viva.cub	3.3	0	0.0186	0	-0.0324	0	-0.0328
NE+3.30	B131	141	DISX-COMB Max	0	0	5.6914	0	0.5053	0	7.3244
NE+3.30	B131	141	DISX-COMB Max	0.3	0	5.6914	0	0.5053	0	5.6174
NE+3.30	B131	141	DISX-COMB Max	0.6	0	5.6914	0	0.5053	0	3.9109
NE+3.30	B131	141	DISX-COMB Max	0.9	0	5.6914	0	0.5053	0	2.2057
NE+3.30	B131	141	DISX-COMB Max	1.2	0	5.6914	0	0.5053	0	0.5154
NE+3.30	B131	141	DISX-COMB Max	1.5	0	5.6914	0	0.5053	0	1.2235
NE+3.30	B131	141	DISX-COMB Max	1.8	0	5.6914	0	0.5053	0	2.9255
NE+3.30	B131	141	DISX-COMB Max	2.1	0	5.6914	0	0.5053	0	4.6315
NE+3.30	B131	141	DISX-COMB Max	2.4	0	5.6914	0	0.5053	0	6.3383
NE+3.30	B131	141	DISX-COMB Max	2.7	0	5.6914	0	0.5053	0	8.0454
NE+3.30	B131	141	DISX-COMB Max	3	0	5.6914	0	0.5053	0	9.7525
NE+3.30	B131	141	DISX-COMB Max	3.3	0	5.6914	0	0.5053	0	11.4598
NE+3.30	B131	141	DISY-COMB Max	0	0	13.5588	0	0.1805	0	17.5418
NE+3.30	B131	141	DISY-COMB Max	0.3	0	13.5588	0	0.1805	0	13.4742
NE+3.30	B131	141	DISY-COMB Max	0.6	0	13.5588	0	0.1805	0	9.4067
NE+3.30	B131	141	DISY-COMB Max	0.9	0	13.5588	0	0.1805	0	5.3394
NE+3.30	B131	141	DISY-COMB Max	1.2	0	13.5588	0	0.1805	0	1.2741
NE+3.30	B131	141	DISY-COMB Max	1.5	0	13.5588	0	0.1805	0	2.798
NE+3.30	B131	141	DISY-COMB Max	1.8	0	13.5588	0	0.1805	0	6.8648
NE+3.30	B131	141	DISY-COMB Max	2.1	0	13.5588	0	0.1805	0	10.9322
NE+3.30	B131	141	DISY-COMB Max	2.4	0	13.5588	0	0.1805	0	14.9997
NE+3.30	B131	141	DISY-COMB Max	2.7	0	13.5588	0	0.1805	0	19.0673
NE+3.30	B131	141	DISY-COMB Max	3	0	13.5588	0	0.1805	0	23.1349
NE+3.30	B131	141	DISY-COMB Max	3.3	0	13.5588	0	0.1805	0	27.2025
NE+3.30	B131	141	B241	0	0	-26.3896	0	-0.0792	0	-12.629
NE+3.30	B131	141	B241	0.3	0	-22.534	0	-0.0792	0	-5.2709
NE+3.30	B131	141	B241	0.6	0	-17.8972	0	-0.0792	0	0.8133
NE+3.30	B131	141	B241	0.9	0	-12.4792	0	-0.0792	0	5.3893
NE+3.30	B131	141	B241	1.2	0	-6.5906	0	-0.0792	0	8.2504
NE+3.30	B131	141	B241	1.5	0	-0.6973	0	-0.0792	0	9.3435
NE+3.30	B131	141	B241	1.8	0	5.1959	0	-0.0792	0	8.6688
NE+3.30	B131	141	B241	2.1	0	11.0891	0	-0.0792	0	6.226
NE+3.30	B131	141	B241	2.4	0	16.9778	0	-0.0792	0	2.0153
NE+3.30	B131	141	B241	2.7	0	22.3958	0	-0.0792	0	-3.9102
NE+3.30	B131	141	B241	3	0	27.0326	0	-0.0792	0	-11.344

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B131	141	B241	3.3	0	30.8882	0	-0.0792	0	-20.0516
NE+3.30	B131	141	B242	0	0	-41.2569	0	-0.1294	0	-19.613
NE+3.30	B131	141	B242	0.3	0	-35.6145	0	-0.1294	0	-8.0476
NE+3.30	B131	141	B242	0.6	0	-28.5825	0	-0.1294	0	1.6167
NE+3.30	B131	141	B242	0.9	0	-20.1609	0	-0.1294	0	8.963
NE+3.30	B131	141	B242	1.2	0	-10.9021	0	-0.1294	0	13.6235
NE+3.30	B131	141	B242	1.5	0	-1.6352	0	-0.1294	0	15.5041
NE+3.30	B131	141	B242	1.8	0	7.6318	0	-0.1294	0	14.6047
NE+3.30	B131	141	B242	2.1	0	16.8987	0	-0.1294	0	10.9251
NE+3.30	B131	141	B242	2.4	0	26.1575	0	-0.1294	0	4.4655
NE+3.30	B131	141	B242	2.7	0	34.5791	0	-0.1294	0	-4.6797
NE+3.30	B131	141	B242	3	0	41.6111	0	-0.1294	0	-16.143
NE+3.30	B131	141	B242	3.3	0	47.2535	0	-0.1294	0	-29.5074
NE+3.30	B132	142	Pprop	0	0	-4.7893	0	0.1762	0	-5.209
NE+3.30	B132	142	Pprop	0.1518	0	-4.4351	0	0.1762	0	-4.5088
NE+3.30	B132	142	Pprop	0.3036	0	-4.081	0	0.1762	0	-3.8623
NE+3.30	B132	142	Pprop	0.4555	0	-3.7268	0	0.1762	0	-3.2697
NE+3.30	B132	142	Pprop	0.6073	0	-3.3726	0	0.1762	0	-2.7307
NE+3.30	B132	142	Pprop	0.7591	0	-3.0185	0	0.1762	0	-2.2456
NE+3.30	B132	142	Pprop	0.9109	0	-2.6643	0	0.1762	0	-1.8142
NE+3.30	B132	142	Pprop	1.0627	0	-2.3101	0	0.1762	0	-1.4366
NE+3.30	B132	142	Pprop	1.2145	0	-1.956	0	0.1762	0	-1.1128
NE+3.30	B132	142	Pprop	1.3664	0	-1.6018	0	0.1762	0	-0.8427
NE+3.30	B132	142	Pprop	1.5182	0	-1.2477	0	0.1762	0	-0.6264
NE+3.30	B132	142	Pprop	1.67	0	-0.8935	0	0.1762	0	-0.4639
NE+3.30	B132	142	Viva	0	0	-7.3734	0	0.2507	0	-7.2015
NE+3.30	B132	142	Viva	0.1518	0	-7.2582	0	0.2507	0	-6.088
NE+3.30	B132	142	Viva	0.3036	0	-6.9125	0	0.2507	0	-5.0094
NE+3.30	B132	142	Viva	0.4555	0	-6.3362	0	0.2507	0	-4.0007
NE+3.30	B132	142	Viva	0.6073	0	-5.5295	0	0.2507	0	-3.0971
NE+3.30	B132	142	Viva	0.7591	0	-4.4923	0	0.2507	0	-2.3334
NE+3.30	B132	142	Viva	0.9109	0	-3.2823	0	0.2507	0	-1.7433
NE+3.30	B132	142	Viva	1.0627	0	-2.2451	0	0.2507	0	-1.3266
NE+3.30	B132	142	Viva	1.2145	0	-1.4384	0	0.2507	0	-1.0499
NE+3.30	B132	142	Viva	1.3664	0	-0.8622	0	0.2507	0	-0.8782
NE+3.30	B132	142	Viva	1.5182	0	-0.5164	0	0.2507	0	-0.7765
NE+3.30	B132	142	Viva	1.67	0	-0.4012	0	0.2507	0	-0.7097
NE+3.30	B132	142	Psup	0	0	-10.0502	0	0.3712	0	-10.0452
NE+3.30	B132	142	Psup	0.1518	0	-9.8959	0	0.3712	0	-8.5272
NE+3.30	B132	142	Psup	0.3036	0	-9.4329	0	0.3712	0	-7.056
NE+3.30	B132	142	Psup	0.4555	0	-8.6612	0	0.3712	0	-5.6786
NE+3.30	B132	142	Psup	0.6073	0	-7.5809	0	0.3712	0	-4.4418
NE+3.30	B132	142	Psup	0.7591	0	-6.1919	0	0.3712	0	-3.3924
NE+3.30	B132	142	Psup	0.9109	0	-4.5714	0	0.3712	0	-2.5754
NE+3.30	B132	142	Psup	1.0627	0	-3.1824	0	0.3712	0	-1.9907

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B132	142	Psup	1.2145	0	-2.102	0	0.3712	0	-1.5935
NE+3.30	B132	142	Psup	1.3664	0	-1.3303	0	0.3712	0	-1.3368
NE+3.30	B132	142	Psup	1.5182	0	-0.8673	0	0.3712	0	-1.1739
NE+3.30	B132	142	Psup	1.67	0	-0.713	0	0.3712	0	-1.0579
NE+3.30	B132	142	Viva.cub	0	0	-0.0028	0	-0.0152	0	-0.0109
NE+3.30	B132	142	Viva.cub	0.1518	0	-0.0028	0	-0.0152	0	-0.0105
NE+3.30	B132	142	Viva.cub	0.3036	0	-0.0028	0	-0.0152	0	-0.0101
NE+3.30	B132	142	Viva.cub	0.4555	0	-0.0028	0	-0.0152	0	-0.0097
NE+3.30	B132	142	Viva.cub	0.6073	0	-0.0028	0	-0.0152	0	-0.0092
NE+3.30	B132	142	Viva.cub	0.7591	0	-0.0028	0	-0.0152	0	-0.0088
NE+3.30	B132	142	Viva.cub	0.9109	0	-0.0028	0	-0.0152	0	-0.0084
NE+3.30	B132	142	Viva.cub	1.0627	0	-0.0028	0	-0.0152	0	-0.008
NE+3.30	B132	142	Viva.cub	1.2145	0	-0.0028	0	-0.0152	0	-0.0076
NE+3.30	B132	142	Viva.cub	1.3664	0	-0.0028	0	-0.0152	0	-0.0071
NE+3.30	B132	142	Viva.cub	1.5182	0	-0.0028	0	-0.0152	0	-0.0067
NE+3.30	B132	142	Viva.cub	1.67	0	-0.0028	0	-0.0152	0	-0.0063
NE+3.30	B132	142	DISX-COMB Max	0	0	3.9214	0	3.2574	0	6.5457
NE+3.30	B132	142	DISX-COMB Max	0.1518	0	3.9214	0	3.2574	0	5.9505
NE+3.30	B132	142	DISX-COMB Max	0.3036	0	3.9214	0	3.2574	0	5.3553
NE+3.30	B132	142	DISX-COMB Max	0.4555	0	3.9214	0	3.2574	0	4.7602
NE+3.30	B132	142	DISX-COMB Max	0.6073	0	3.9214	0	3.2574	0	4.1651
NE+3.30	B132	142	DISX-COMB Max	0.7591	0	3.9214	0	3.2574	0	3.5702
NE+3.30	B132	142	DISX-COMB Max	0.9109	0	3.9214	0	3.2574	0	2.9754
NE+3.30	B132	142	DISX-COMB Max	1.0627	0	3.9214	0	3.2574	0	2.3809
NE+3.30	B132	142	DISX-COMB Max	1.2145	0	3.9214	0	3.2574	0	1.7869
NE+3.30	B132	142	DISX-COMB Max	1.3664	0	3.9214	0	3.2574	0	1.1943
NE+3.30	B132	142	DISX-COMB Max	1.5182	0	3.9214	0	3.2574	0	0.607
NE+3.30	B132	142	DISX-COMB Max	1.67	0	3.9214	0	3.2574	0	0.1397
NE+3.30	B132	142	DISY-COMB Max	0	0	8.5073	0	0.543	0	14.4911
NE+3.30	B132	142	DISY-COMB Max	0.1518	0	8.5073	0	0.543	0	13.1995
NE+3.30	B132	142	DISY-COMB Max	0.3036	0	8.5073	0	0.543	0	11.9079
NE+3.30	B132	142	DISY-COMB Max	0.4555	0	8.5073	0	0.543	0	10.6164
NE+3.30	B132	142	DISY-COMB Max	0.6073	0	8.5073	0	0.543	0	9.3248
NE+3.30	B132	142	DISY-COMB Max	0.7591	0	8.5073	0	0.543	0	8.0332
NE+3.30	B132	142	DISY-COMB Max	0.9109	0	8.5073	0	0.543	0	6.7417
NE+3.30	B132	142	DISY-COMB Max	1.0627	0	8.5073	0	0.543	0	5.4501
NE+3.30	B132	142	DISY-COMB Max	1.2145	0	8.5073	0	0.543	0	4.1586
NE+3.30	B132	142	DISY-COMB Max	1.3664	0	8.5073	0	0.543	0	2.867
NE+3.30	B132	142	DISY-COMB Max	1.5182	0	8.5073	0	0.543	0	1.5755
NE+3.30	B132	142	DISY-COMB Max	1.67	0	8.5073	0	0.543	0	0.2841
NE+3.30	B132	142	B241	0	0	-19.2364	0	0.7096	0	-19.7739
NE+3.30	B132	142	B241	0.1518	0	-18.5772	0	0.7096	0	-16.8985
NE+3.30	B132	142	B241	0.3036	0	-17.518	0	0.7096	0	-14.1535
NE+3.30	B132	142	B241	0.4555	0	-16.0585	0	0.7096	0	-11.5996
NE+3.30	B132	142	B241	0.6073	0	-14.199	0	0.7096	0	-9.2977

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B132	142	B241	0.7591	0	-11.9393	0	0.7096	0	-7.3085
NE+3.30	B132	142	B241	0.9109	0	-9.3796	0	0.7096	0	-5.6902
NE+3.30	B132	142	B241	1.0627	0	-7.1199	0	0.7096	0	-4.4428
NE+3.30	B132	142	B241	1.2145	0	-5.2604	0	0.7096	0	-3.5081
NE+3.30	B132	142	B241	1.3664	0	-3.801	0	0.7096	0	-2.8254
NE+3.30	B132	142	B241	1.5182	0	-2.7417	0	0.7096	0	-2.3338
NE+3.30	B132	142	B241	1.67	0	-2.0825	0	0.7096	0	-1.9726
NE+3.30	B132	142	B242	0	0	-28.2872	0	1.0018	0	-28.477
NE+3.30	B132	142	B242	0.1518	0	-27.5378	0	1.0018	0	-24.2304
NE+3.30	B132	142	B242	0.3036	0	-26.0767	0	1.0018	0	-20.1515
NE+3.30	B132	142	B242	0.4555	0	-23.9038	0	1.0018	0	-16.3486
NE+3.30	B132	142	B242	0.6073	0	-21.0192	0	1.0018	0	-12.9295
NE+3.30	B132	142	B242	0.7591	0	-17.4228	0	1.0018	0	-10.0024
NE+3.30	B132	142	B242	0.9109	0	-13.2927	0	1.0018	0	-7.6708
NE+3.30	B132	142	B242	1.0627	0	-9.6963	0	1.0018	0	-5.9347
NE+3.30	B132	142	B242	1.2145	0	-6.8117	0	1.0018	0	-4.6906
NE+3.30	B132	142	B242	1.3664	0	-4.6388	0	1.0018	0	-3.8304
NE+3.30	B132	142	B242	1.5182	0	-3.1777	0	1.0018	0	-3.2461
NE+3.30	B132	142	B242	1.67	0	-2.4283	0	1.0018	0	-2.8296
NE+3.30	B133	143	Pprop	0.325	0	-4.5465	0	-0.1424	0	-2.9236
NE+3.30	B133	143	Pprop	0.5659	0	-3.7035	0	-0.1424	0	-1.9299
NE+3.30	B133	143	Pprop	0.8068	0	-2.8605	0	-0.1424	0	-1.1392
NE+3.30	B133	143	Pprop	1.0477	0	-2.0175	0	-0.1424	0	-0.5516
NE+3.30	B133	143	Pprop	1.2886	0	-1.1745	0	-0.1424	0	-0.1671
NE+3.30	B133	143	Pprop	1.5295	0	-0.3315	0	-0.1424	0	0.0143
NE+3.30	B133	143	Pprop	1.7705	0	0.5114	0	-0.1424	0	-0.0074
NE+3.30	B133	143	Pprop	2.0114	0	1.3544	0	-0.1424	0	-0.2321
NE+3.30	B133	143	Pprop	2.2523	0	2.1974	0	-0.1424	0	-0.66
NE+3.30	B133	143	Pprop	2.4932	0	3.0404	0	-0.1424	0	-1.2909
NE+3.30	B133	143	Pprop	2.7341	0	3.8834	0	-0.1424	0	-2.1249
NE+3.30	B133	143	Pprop	2.975	0	4.7264	0	-0.1424	0	-3.162
NE+3.30	B133	143	Viva	0.325	0	-7.1466	0	-0.1662	0	-5.6017
NE+3.30	B133	143	Viva	0.5659	0	-6.1035	0	-0.1662	0	-4.0057
NE+3.30	B133	143	Viva	0.8068	0	-5.0603	0	-0.1662	0	-2.661
NE+3.30	B133	143	Viva	1.0477	0	-4.0172	0	-0.1662	0	-1.5675
NE+3.30	B133	143	Viva	1.2886	0	-2.9741	0	-0.1662	0	-0.7254
NE+3.30	B133	143	Viva	1.5295	0	-1.9309	0	-0.1662	0	-0.1346
NE+3.30	B133	143	Viva	1.7705	0	-0.8878	0	-0.1662	0	0.205
NE+3.30	B133	143	Viva	2.0114	0	0.1553	0	-0.1662	0	0.2932
NE+3.30	B133	143	Viva	2.2523	0	1.1985	0	-0.1662	0	0.1301
NE+3.30	B133	143	Viva	2.4932	0	2.2416	0	-0.1662	0	-0.2843
NE+3.30	B133	143	Viva	2.7341	0	3.2847	0	-0.1662	0	-0.9499
NE+3.30	B133	143	Viva	2.975	0	4.3279	0	-0.1662	0	-1.8669
NE+3.30	B133	143	Psup	0.325	0	-1.1055	0	-0.3104	0	-4.5356
NE+3.30	B133	143	Psup	0.5659	0	-1.1055	0	-0.3104	0	-4.2693

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B133	143	Psup	0.8068	0	-1.1055	0	-0.3104	0	-4.003
NE+3.30	B133	143	Psup	1.0477	0	-1.1055	0	-0.3104	0	-3.7366
NE+3.30	B133	143	Psup	1.2886	0	-1.1055	0	-0.3104	0	-3.4703
NE+3.30	B133	143	Psup	1.5295	0	-1.1055	0	-0.3104	0	-3.204
NE+3.30	B133	143	Psup	1.7705	0	-1.1055	0	-0.3104	0	-2.9376
NE+3.30	B133	143	Psup	2.0114	0	-1.1055	0	-0.3104	0	-2.6713
NE+3.30	B133	143	Psup	2.2523	0	-1.1055	0	-0.3104	0	-2.4049
NE+3.30	B133	143	Psup	2.4932	0	-1.1055	0	-0.3104	0	-2.1386
NE+3.30	B133	143	Psup	2.7341	0	-1.1055	0	-0.3104	0	-1.8723
NE+3.30	B133	143	Psup	2.975	0	-1.1055	0	-0.3104	0	-1.6059
NE+3.30	B133	143	Viva.cub	0.325	0	0.2735	0	-0.0366	0	0.3502
NE+3.30	B133	143	Viva.cub	0.5659	0	0.2735	0	-0.0366	0	0.2843
NE+3.30	B133	143	Viva.cub	0.8068	0	0.2735	0	-0.0366	0	0.2184
NE+3.30	B133	143	Viva.cub	1.0477	0	0.2735	0	-0.0366	0	0.1525
NE+3.30	B133	143	Viva.cub	1.2886	0	0.2735	0	-0.0366	0	0.0866
NE+3.30	B133	143	Viva.cub	1.5295	0	0.2735	0	-0.0366	0	0.0208
NE+3.30	B133	143	Viva.cub	1.7705	0	0.2735	0	-0.0366	0	-0.0451
NE+3.30	B133	143	Viva.cub	2.0114	0	0.2735	0	-0.0366	0	-0.111
NE+3.30	B133	143	Viva.cub	2.2523	0	0.2735	0	-0.0366	0	-0.1769
NE+3.30	B133	143	Viva.cub	2.4932	0	0.2735	0	-0.0366	0	-0.2428
NE+3.30	B133	143	Viva.cub	2.7341	0	0.2735	0	-0.0366	0	-0.3087
NE+3.30	B133	143	Viva.cub	2.975	0	0.2735	0	-0.0366	0	-0.3746
NE+3.30	B133	143	DISX-COMB Max	0.325	0	17.0176	0	4.0984	0	19.4966
NE+3.30	B133	143	DISX-COMB Max	0.5659	0	17.0176	0	4.0984	0	15.4057
NE+3.30	B133	143	DISX-COMB Max	0.8068	0	17.0176	0	4.0984	0	11.3211
NE+3.30	B133	143	DISX-COMB Max	1.0477	0	17.0176	0	4.0984	0	7.2536
NE+3.30	B133	143	DISX-COMB Max	1.2886	0	17.0176	0	4.0984	0	3.2674
NE+3.30	B133	143	DISX-COMB Max	1.5295	0	17.0176	0	4.0984	0	1.534
NE+3.30	B133	143	DISX-COMB Max	1.7705	0	17.0176	0	4.0984	0	5.2579
NE+3.30	B133	143	DISX-COMB Max	2.0114	0	17.0176	0	4.0984	0	9.3034
NE+3.30	B133	143	DISX-COMB Max	2.2523	0	17.0176	0	4.0984	0	13.3819
NE+3.30	B133	143	DISX-COMB Max	2.4932	0	17.0176	0	4.0984	0	17.4703
NE+3.30	B133	143	DISX-COMB Max	2.7341	0	17.0176	0	4.0984	0	21.563
NE+3.30	B133	143	DISX-COMB Max	2.975	0	17.0176	0	4.0984	0	25.658
NE+3.30	B133	143	DISY-COMB Max	0.325	0	44.5258	0	0.9147	0	49.4831
NE+3.30	B133	143	DISY-COMB Max	0.5659	0	44.5258	0	0.9147	0	38.7566
NE+3.30	B133	143	DISY-COMB Max	0.8068	0	44.5258	0	0.9147	0	28.0301
NE+3.30	B133	143	DISY-COMB Max	1.0477	0	44.5258	0	0.9147	0	17.3039
NE+3.30	B133	143	DISY-COMB Max	1.2886	0	44.5258	0	0.9147	0	6.5793
NE+3.30	B133	143	DISY-COMB Max	1.5295	0	44.5258	0	0.9147	0	4.1558
NE+3.30	B133	143	DISY-COMB Max	1.7705	0	44.5258	0	0.9147	0	14.8787
NE+3.30	B133	143	DISY-COMB Max	2.0114	0	44.5258	0	0.9147	0	25.6048
NE+3.30	B133	143	DISY-COMB Max	2.2523	0	44.5258	0	0.9147	0	36.3312
NE+3.30	B133	143	DISY-COMB Max	2.4932	0	44.5258	0	0.9147	0	47.0577
NE+3.30	B133	143	DISY-COMB Max	2.7341	0	44.5258	0	0.9147	0	57.7843

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B133	143	DISY-COMB Max	2.975	0	44.5258	0	0.9147	0	68.5109
NE+3.30	B133	143	B241	0.325	0	-7.3267	0	-0.587	0	-9.6694
NE+3.30	B133	143	B241	0.5659	0	-6.2339	0	-0.587	0	-8.036
NE+3.30	B133	143	B241	0.8068	0	-5.1412	0	-0.587	0	-6.6658
NE+3.30	B133	143	B241	1.0477	0	-4.0484	0	-0.587	0	-5.5588
NE+3.30	B133	143	B241	1.2886	0	-2.9557	0	-0.587	0	-4.7152
NE+3.30	B133	143	B241	1.5295	0	-1.8629	0	-0.587	0	-4.1348
NE+3.30	B133	143	B241	1.7705	0	-0.7701	0	-0.587	0	-3.8176
NE+3.30	B133	143	B241	2.0114	0	0.3226	0	-0.587	0	-3.7637
NE+3.30	B133	143	B241	2.2523	0	1.4154	0	-0.587	0	-3.973
NE+3.30	B133	143	B241	2.4932	0	2.5082	0	-0.587	0	-4.4457
NE+3.30	B133	143	B241	2.7341	0	3.6009	0	-0.587	0	-5.1815
NE+3.30	B133	143	B241	2.975	0	4.6937	0	-0.587	0	-6.1806
NE+3.30	B133	143	B242	0.325	0	-17.5779	0	-0.7873	0	-17.0757
NE+3.30	B133	143	B242	0.5659	0	-14.9722	0	-0.7873	0	-13.1549
NE+3.30	B133	143	B242	0.8068	0	-12.3665	0	-0.7873	0	-9.8618
NE+3.30	B133	143	B242	1.0477	0	-9.7609	0	-0.7873	0	-7.1965
NE+3.30	B133	143	B242	1.2886	0	-7.1552	0	-0.7873	0	-5.1589
NE+3.30	B133	143	B242	1.5295	0	-4.5495	0	-0.7873	0	-3.749
NE+3.30	B133	143	B242	1.7705	0	-1.9438	0	-0.7873	0	-2.9669
NE+3.30	B133	143	B242	2.0114	0	0.6618	0	-0.7873	0	-2.8124
NE+3.30	B133	143	B242	2.2523	0	3.2675	0	-0.7873	0	-3.2857
NE+3.30	B133	143	B242	2.4932	0	5.8732	0	-0.7873	0	-4.3868
NE+3.30	B133	143	B242	2.7341	0	8.4789	0	-0.7873	0	-6.1156
NE+3.30	B133	143	B242	2.975	0	11.0845	0	-0.7873	0	-8.4721
NE+3.30	B148	12	Pprop	0.225	0	-24.8667	0	-2.712	0	-30.9098
NE+3.30	B148	12	Pprop	0.9777	0	-21.6475	0	-2.712	0	-13.4036
NE+3.30	B148	12	Pprop	1.7305	0	-18.4282	0	-2.712	0	1.6794
NE+3.30	B148	12	Pprop	2.4832	0	-15.2089	0	-2.712	0	14.3392
NE+3.30	B148	12	Pprop	3.2359	0	-11.9897	0	-2.712	0	24.5758
NE+3.30	B148	12	Pprop	3.45	0	-11.074	0	-2.712	0	27.0446
NE+3.30	B148	12	Pprop	3.45	0	1.7414	0	1.5827	0	26.7095
NE+3.30	B148	12	Pprop	3.9886	0	4.0451	0	1.5827	0	25.1511
NE+3.30	B148	12	Pprop	4.7414	0	7.2643	0	1.5827	0	20.8946
NE+3.30	B148	12	Pprop	5.4941	0	10.4836	0	1.5827	0	14.215
NE+3.30	B148	12	Pprop	6.2468	0	13.7029	0	1.5827	0	5.112
NE+3.30	B148	12	Pprop	6.9995	0	16.9221	0	1.5827	0	-6.4141
NE+3.30	B148	12	Pprop	7.7523	0	20.1414	0	1.5827	0	-20.3635
NE+3.30	B148	12	Pprop	8.505	0	23.3607	0	1.5827	0	-36.7361
NE+3.30	B148	12	Viva	0.225	0	-50.0658	0	-5.3486	0	-65.5237
NE+3.30	B148	12	Viva	0.9777	0	-45.5432	0	-5.3486	0	-29.1861
NE+3.30	B148	12	Viva	1.7305	0	-37.7786	0	-5.3486	0	2.1954
NE+3.30	B148	12	Viva	2.4832	0	-30.0228	0	-5.3486	0	27.6885
NE+3.30	B148	12	Viva	3.2359	0	-24.2721	0	-5.3486	0	47.9454
NE+3.30	B148	12	Viva	3.45	0	-23.154	0	-5.3486	0	53.0181

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B148	12	Viva	3.45	0	1.2985	0	3.3594	0	53.1278
NE+3.30	B148	12	Viva	3.9886	0	4.5487	0	3.3594	0	51.6182
NE+3.30	B148	12	Viva	4.7414	0	11.4674	0	3.3594	0	45.7505
NE+3.30	B148	12	Viva	5.4941	0	19.3062	0	3.3594	0	34.1685
NE+3.30	B148	12	Viva	6.2468	0	27.1462	0	3.3594	0	16.6856
NE+3.30	B148	12	Viva	6.9995	0	34.9872	0	3.3594	0	-6.6991
NE+3.30	B148	12	Viva	7.7523	0	42.7583	0	3.3594	0	-35.9823
NE+3.30	B148	12	Viva	8.505	0	47.2809	0	3.3594	0	-70.2237
NE+3.30	B148	12	Psup	0.225	0	-65.8951	0	-7.9112	0	-85.285
NE+3.30	B148	12	Psup	0.9777	0	-59.8384	0	-7.9112	0	-37.4895
NE+3.30	B148	12	Psup	1.7305	0	-49.4401	0	-7.9112	0	3.6687
NE+3.30	B148	12	Psup	2.4832	0	-39.0535	0	-7.9112	0	36.9411
NE+3.30	B148	12	Psup	3.2359	0	-31.3523	0	-7.9112	0	63.2013
NE+3.30	B148	12	Psup	3.45	0	-29.8548	0	-7.9112	0	69.7478
NE+3.30	B148	12	Psup	3.45	0	2.8699	0	4.1958	0	70.5558
NE+3.30	B148	12	Psup	3.9886	0	7.2226	0	4.1958	0	67.9249
NE+3.30	B148	12	Psup	4.7414	0	16.4881	0	4.1958	0	59.2156
NE+3.30	B148	12	Psup	5.4941	0	26.9859	0	4.1958	0	42.8537
NE+3.30	B148	12	Psup	6.2468	0	37.4851	0	4.1958	0	18.5892
NE+3.30	B148	12	Psup	6.9995	0	47.9858	0	4.1958	0	-13.5788
NE+3.30	B148	12	Psup	7.7523	0	58.3928	0	4.1958	0	-53.6462
NE+3.30	B148	12	Psup	8.505	0	64.4495	0	4.1958	0	-100.3536
NE+3.30	B148	12	Viva.cub	0.225	0	-0.0543	0	-0.0473	0	-0.1542
NE+3.30	B148	12	Viva.cub	0.9777	0	-0.0543	0	-0.0473	0	-0.1133
NE+3.30	B148	12	Viva.cub	1.7305	0	-0.0543	0	-0.0473	0	-0.0724
NE+3.30	B148	12	Viva.cub	2.4832	0	-0.0543	0	-0.0473	0	-0.0315
NE+3.30	B148	12	Viva.cub	3.2359	0	-0.0543	0	-0.0473	0	0.0094
NE+3.30	B148	12	Viva.cub	3.45	0	-0.0543	0	-0.0473	0	0.021
NE+3.30	B148	12	Viva.cub	3.45	0	-0.0151	0	0.0333	0	0.0095
NE+3.30	B148	12	Viva.cub	3.9886	0	-0.0151	0	0.0333	0	0.0177
NE+3.30	B148	12	Viva.cub	4.7414	0	-0.0151	0	0.0333	0	0.0291
NE+3.30	B148	12	Viva.cub	5.4941	0	-0.0151	0	0.0333	0	0.0405
NE+3.30	B148	12	Viva.cub	6.2468	0	-0.0151	0	0.0333	0	0.0519
NE+3.30	B148	12	Viva.cub	6.9995	0	-0.0151	0	0.0333	0	0.0633
NE+3.30	B148	12	Viva.cub	7.7523	0	-0.0151	0	0.0333	0	0.0747
NE+3.30	B148	12	Viva.cub	8.505	0	-0.0151	0	0.0333	0	0.0861
NE+3.30	B148	12	DISX-COMB Max	0.225	0	41.5531	0	4.1211	0	153.0491
NE+3.30	B148	12	DISX-COMB Max	0.9777	0	41.5531	0	4.1211	0	121.7761
NE+3.30	B148	12	DISX-COMB Max	1.7305	0	41.5531	0	4.1211	0	90.5067
NE+3.30	B148	12	DISX-COMB Max	2.4832	0	41.5531	0	4.1211	0	59.2465
NE+3.30	B148	12	DISX-COMB Max	3.2359	0	41.5531	0	4.1211	0	28.0264
NE+3.30	B148	12	DISX-COMB Max	3.45	0	41.5531	0	4.1211	0	19.1814
NE+3.30	B148	12	DISX-COMB Max	3.45	0	38.4247	0	1.4844	0	31.3773
NE+3.30	B148	12	DISX-COMB Max	3.9886	0	38.4247	0	1.4844	0	10.8488
NE+3.30	B148	12	DISX-COMB Max	4.7414	0	38.4247	0	1.4844	0	18.4797

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B148	12	DISX-COMB Max	5.4941	0	38.4247	0	1.4844	0	47.312
NE+3.30	B148	12	DISX-COMB Max	6.2468	0	38.4247	0	1.4844	0	76.2133
NE+3.30	B148	12	DISX-COMB Max	6.9995	0	38.4247	0	1.4844	0	105.1267
NE+3.30	B148	12	DISX-COMB Max	7.7523	0	38.4247	0	1.4844	0	134.0445
NE+3.30	B148	12	DISX-COMB Max	8.505	0	38.4247	0	1.4844	0	162.9642
NE+3.30	B148	12	DISY-COMB Max	0.225	0	4.7306	0	14.6304	0	12.3801
NE+3.30	B148	12	DISY-COMB Max	0.9777	0	4.7306	0	14.6304	0	9.0056
NE+3.30	B148	12	DISY-COMB Max	1.7305	0	4.7306	0	14.6304	0	5.8561
NE+3.30	B148	12	DISY-COMB Max	2.4832	0	4.7306	0	14.6304	0	3.5842
NE+3.30	B148	12	DISY-COMB Max	3.2359	0	4.7306	0	14.6304	0	4.0936
NE+3.30	B148	12	DISY-COMB Max	3.45	0	4.7306	0	14.6304	0	4.7437
NE+3.30	B148	12	DISY-COMB Max	3.45	0	2.2836	0	11.2286	0	4.0821
NE+3.30	B148	12	DISY-COMB Max	3.9886	0	2.2836	0	11.2286	0	3.5518
NE+3.30	B148	12	DISY-COMB Max	4.7414	0	2.2836	0	11.2286	0	3.4679
NE+3.30	B148	12	DISY-COMB Max	5.4941	0	2.2836	0	11.2286	0	4.165
NE+3.30	B148	12	DISY-COMB Max	6.2468	0	2.2836	0	11.2286	0	5.3458
NE+3.30	B148	12	DISY-COMB Max	6.9995	0	2.2836	0	11.2286	0	6.7614
NE+3.30	B148	12	DISY-COMB Max	7.7523	0	2.2836	0	11.2286	0	8.2925
NE+3.30	B148	12	DISY-COMB Max	8.505	0	2.2836	0	11.2286	0	9.8855
NE+3.30	B148	12	B241	0.225	0	-117.6542	0	-13.7708	0	-150.623
NE+3.30	B148	12	B241	0.9777	0	-105.6298	0	-13.7708	0	-65.9726
NE+3.30	B148	12	B241	1.7305	0	-87.9775	0	-13.7708	0	6.9327
NE+3.30	B148	12	B241	2.4832	0	-70.3402	0	-13.7708	0	66.4745
NE+3.30	B148	12	B241	3.2359	0	-56.184	0	-13.7708	0	113.7851
NE+3.30	B148	12	B241	3.45	0	-53.0559	0	-13.7708	0	125.4716
NE+3.30	B148	12	B241	3.45	0	5.9777	0	7.4906	0	126.0846
NE+3.30	B148	12	B241	3.9886	0	14.6062	0	7.4906	0	120.654
NE+3.30	B148	12	B241	4.7414	0	30.7901	0	7.4906	0	103.8466
NE+3.30	B148	12	B241	5.4941	0	48.5715	0	7.4906	0	73.9778
NE+3.30	B148	12	B241	6.2468	0	66.3548	0	7.4906	0	30.7239
NE+3.30	B148	12	B241	6.9995	0	84.1399	0	7.4906	0	-25.9167
NE+3.30	B148	12	B241	7.7523	0	101.8037	0	7.4906	0	-95.9385
NE+3.30	B148	12	B241	8.505	0	113.828	0	7.4906	0	-177.7089
NE+3.30	B148	12	B242	0.225	0	-180.9788	0	-20.3849	0	-234.0205
NE+3.30	B148	12	B242	0.9777	0	-163.4361	0	-20.3849	0	-103.3023
NE+3.30	B148	12	B242	1.7305	0	-135.8822	0	-20.3849	0	9.4188
NE+3.30	B148	12	B242	2.4832	0	-108.3553	0	-20.3849	0	101.264
NE+3.30	B148	12	B242	3.2359	0	-87.0203	0	-20.3849	0	174.2475
NE+3.30	B148	12	B242	3.45	0	-82.5501	0	-20.3849	0	192.3866
NE+3.30	B148	12	B242	3.45	0	7.1938	0	11.8122	0	193.0818
NE+3.30	B148	12	B242	3.9886	0	19.79	0	11.8122	0	186.0157
NE+3.30	B148	12	B242	4.7414	0	44.7318	0	11.8122	0	162.2267
NE+3.30	B148	12	B242	5.4941	0	72.5151	0	11.8122	0	118.0994
NE+3.30	B148	12	B242	6.2468	0	100.3018	0	11.8122	0	53.0576
NE+3.30	B148	12	B242	6.9995	0	128.0919	0	11.8122	0	-32.9012

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B148	12	B242	7.7523	0	155.666	0	11.8122	0	-139.7674
NE+3.30	B148	12	B242	8.505	0	173.2087	0	11.8122	0	-264.6368
NE+3.30	B149	11	Pprop	0.225	0	-25.5777	0	-2.6692	0	-41.2017
NE+3.30	B149	11	Pprop	0.9777	0	-22.3584	0	-2.6692	0	-23.1603
NE+3.30	B149	11	Pprop	1.7305	0	-19.1392	0	-2.6692	0	-7.5421
NE+3.30	B149	11	Pprop	2.13	0	-17.4304	0	-2.6692	0	-0.2365
NE+3.30	B149	11	Pprop	2.13	0	-17.4304	0	-2.6692	0	-0.2365
NE+3.30	B149	11	Pprop	2.4832	0	-15.9199	0	-2.6692	0	5.6528
NE+3.30	B149	11	Pprop	3.1	0	-13.2819	0	-2.6692	0	14.6589
NE+3.30	B149	11	Pprop	3.1	0	-13.2819	0	-2.6692	0	14.6589
NE+3.30	B149	11	Pprop	3.2359	0	-12.7006	0	-2.6692	0	16.4246
NE+3.30	B149	11	Pprop	3.9886	0	-9.4814	0	-2.6692	0	24.7731
NE+3.30	B149	11	Pprop	4.7414	0	-6.2621	0	-2.6692	0	30.6984
NE+3.30	B149	11	Pprop	5.4941	0	-3.0429	0	-2.6692	0	34.2004
NE+3.30	B149	11	Pprop	5.72	0	-2.0767	0	-2.6692	0	34.7787
NE+3.30	B149	11	Pprop	5.72	0	18.1337	0	6.3325	0	38.3907
NE+3.30	B149	11	Pprop	6.2468	0	20.3868	0	6.3325	0	28.244
NE+3.30	B149	11	Pprop	6.9995	0	23.6061	0	6.3325	0	11.6867
NE+3.30	B149	11	Pprop	7.21	0	24.5061	0	6.3325	0	6.624
NE+3.30	B149	11	Pprop	7.21	0	40.1336	0	6.3325	0	6.701
NE+3.30	B149	11	Pprop	7.7523	0	42.4528	0	6.3325	0	-15.6912
NE+3.30	B149	11	Pprop	8.505	0	45.6721	0	6.3325	0	-48.8582
NE+3.30	B149	11	Viva	0.225	0	-38.6142	0	-1.1346	0	-60.2049
NE+3.30	B149	11	Viva	0.9777	0	-34.0916	0	-1.1346	0	-32.4871
NE+3.30	B149	11	Viva	1.7305	0	-27.6918	0	-1.1346	0	-9.3955
NE+3.30	B149	11	Viva	2.13	0	-25.4198	0	-1.1346	0	1.1882
NE+3.30	B149	11	Viva	2.13	0	-21.554	0	-1.1346	0	1.1882
NE+3.30	B149	11	Viva	2.4832	0	-19.5866	0	-1.1346	0	8.4717
NE+3.30	B149	11	Viva	3.1	0	-15.831	0	-1.1346	0	19.32
NE+3.30	B149	11	Viva	3.1	0	-13.3166	0	-1.1346	0	19.32
NE+3.30	B149	11	Viva	3.2359	0	-12.661	0	-1.1346	0	21.0857
NE+3.30	B149	11	Viva	3.9886	0	-8.3614	0	-1.1346	0	29.0689
NE+3.30	B149	11	Viva	4.7414	0	-3.3154	0	-1.1346	0	33.4716
NE+3.30	B149	11	Viva	5.4941	0	1.1197	0	-1.1346	0	34.2269
NE+3.30	B149	11	Viva	5.72	0	2.2297	0	-1.1346	0	33.8466
NE+3.30	B149	11	Viva	5.72	0	15.2861	0	5.6946	0	34.8723
NE+3.30	B149	11	Viva	6.2468	0	18.0331	0	5.6946	0	26.1201
NE+3.30	B149	11	Viva	6.9995	0	22.3497	0	5.6946	0	10.8794
NE+3.30	B149	11	Viva	7.21	0	23.3805	0	5.6946	0	6.0657
NE+3.30	B149	11	Viva	7.21	0	32.9465	0	5.6946	0	6.2403
NE+3.30	B149	11	Viva	7.7523	0	43.9546	0	5.6946	0	-14.6103
NE+3.30	B149	11	Viva	8.505	0	57.9658	0	5.6946	0	-53.1457
NE+3.30	B149	11	Psup	0.225	0	-64.0207	0	-4.9894	0	-103.7817
NE+3.30	B149	11	Psup	0.9777	0	-57.964	0	-4.9894	0	-57.3971
NE+3.30	B149	11	Psup	1.7305	0	-49.3934	0	-4.9894	0	-17.2078

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B149	11	Psup	2.13	0	-46.3508	0	-4.9894	0	1.8837
NE+3.30	B149	11	Psup	2.13	0	-41.1737	0	-4.9894	0	1.8837
NE+3.30	B149	11	Psup	2.4832	0	-38.539	0	-4.9894	0	15.9848
NE+3.30	B149	11	Psup	3.1	0	-33.5094	0	-4.9894	0	38.105
NE+3.30	B149	11	Psup	3.1	0	-28.367	0	-4.9894	0	38.105
NE+3.30	B149	11	Psup	3.2359	0	-27.452	0	-4.9894	0	41.8995
NE+3.30	B149	11	Psup	3.9886	0	-20.1448	0	-4.9894	0	60.0512
NE+3.30	B149	11	Psup	4.7414	0	-10.3386	0	-4.9894	0	71.5508
NE+3.30	B149	11	Psup	5.4941	0	-2.5778	0	-4.9894	0	76.1741
NE+3.30	B149	11	Psup	5.72	0	-0.9888	0	-4.9894	0	76.5705
NE+3.30	B149	11	Psup	5.72	0	38.9065	0	14.0897	0	80.4839
NE+3.30	B149	11	Psup	6.2468	0	43.1428	0	14.0897	0	58.9529
NE+3.30	B149	11	Psup	6.9995	0	50.507	0	14.0897	0	23.5653
NE+3.30	B149	11	Psup	7.21	0	51.9764	0	14.0897	0	12.7761
NE+3.30	B149	11	Psup	7.21	0	80.2102	0	14.0897	0	12.8067
NE+3.30	B149	11	Psup	7.7523	0	94.9523	0	14.0897	0	-34.6862
NE+3.30	B149	11	Psup	8.505	0	113.7161	0	14.0897	0	-113.4574
NE+3.30	B149	11	Viva.cub	0.225	0	-0.0379	0	-0.0257	0	-0.1404
NE+3.30	B149	11	Viva.cub	0.9777	0	-0.0379	0	-0.0257	0	-0.1119
NE+3.30	B149	11	Viva.cub	1.7305	0	-0.0379	0	-0.0257	0	-0.0834
NE+3.30	B149	11	Viva.cub	2.13	0	-0.0379	0	-0.0257	0	-0.0683
NE+3.30	B149	11	Viva.cub	2.13	0	-0.0379	0	-0.0257	0	-0.0683
NE+3.30	B149	11	Viva.cub	2.4832	0	-0.0379	0	-0.0257	0	-0.0549
NE+3.30	B149	11	Viva.cub	3.1	0	-0.0379	0	-0.0257	0	-0.0315
NE+3.30	B149	11	Viva.cub	3.1	0	-0.0379	0	-0.0257	0	-0.0315
NE+3.30	B149	11	Viva.cub	3.2359	0	-0.0379	0	-0.0257	0	-0.0264
NE+3.30	B149	11	Viva.cub	3.9886	0	-0.0379	0	-0.0257	0	0.0021
NE+3.30	B149	11	Viva.cub	4.7414	0	-0.0379	0	-0.0257	0	0.0307
NE+3.30	B149	11	Viva.cub	5.4941	0	-0.0379	0	-0.0257	0	0.0592
NE+3.30	B149	11	Viva.cub	5.72	0	-0.0379	0	-0.0257	0	0.0677
NE+3.30	B149	11	Viva.cub	5.72	0	-0.0121	0	0.0529	0	0.0637
NE+3.30	B149	11	Viva.cub	6.2468	0	-0.0121	0	0.0529	0	0.0701
NE+3.30	B149	11	Viva.cub	6.9995	0	-0.0121	0	0.0529	0	0.0792
NE+3.30	B149	11	Viva.cub	7.21	0	-0.0121	0	0.0529	0	0.0818
NE+3.30	B149	11	Viva.cub	7.21	0	-0.0041	0	0.0529	0	0.0828
NE+3.30	B149	11	Viva.cub	7.7523	0	-0.0041	0	0.0529	0	0.085
NE+3.30	B149	11	Viva.cub	8.505	0	-0.0041	0	0.0529	0	0.0881
NE+3.30	B149	11	DISX-COMB Max	0.225	0	38.8438	0	1.7874	0	164.7668
NE+3.30	B149	11	DISX-COMB Max	0.9777	0	38.8438	0	1.7874	0	135.5374
NE+3.30	B149	11	DISX-COMB Max	1.7305	0	38.8438	0	1.7874	0	106.3131
NE+3.30	B149	11	DISX-COMB Max	2.13	0	38.8438	0	1.7874	0	90.8047
NE+3.30	B149	11	DISX-COMB Max	2.13	0	38.8438	0	1.7874	0	90.8047
NE+3.30	B149	11	DISX-COMB Max	2.4832	0	38.8438	0	1.7874	0	77.0998
NE+3.30	B149	11	DISX-COMB Max	3.1	0	38.8438	0	1.7874	0	53.1821
NE+3.30	B149	11	DISX-COMB Max	3.1	0	38.8438	0	1.7874	0	53.1821

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B149	11	DISX-COMB Max	3.2359	0	38.8438	0	1.7874	0	47.9177
NE+3.30	B149	11	DISX-COMB Max	3.9886	0	38.8438	0	1.7874	0	18.9114
NE+3.30	B149	11	DISX-COMB Max	4.7414	0	38.8438	0	1.7874	0	11.3574
NE+3.30	B149	11	DISX-COMB Max	5.4941	0	38.8438	0	1.7874	0	40.1268
NE+3.30	B149	11	DISX-COMB Max	5.72	0	38.8438	0	1.7874	0	48.8699
NE+3.30	B149	11	DISX-COMB Max	5.72	0	40.4221	0	4.1144	0	42.2262
NE+3.30	B149	11	DISX-COMB Max	6.2468	0	40.4221	0	4.1144	0	63.4929
NE+3.30	B149	11	DISX-COMB Max	6.9995	0	40.4221	0	4.1144	0	93.9015
NE+3.30	B149	11	DISX-COMB Max	7.21	0	40.4221	0	4.1144	0	102.4054
NE+3.30	B149	11	DISX-COMB Max	7.21	0	40.5718	0	4.1144	0	102.5876
NE+3.30	B149	11	DISX-COMB Max	7.7523	0	40.5718	0	4.1144	0	124.5709
NE+3.30	B149	11	DISX-COMB Max	8.505	0	40.5718	0	4.1144	0	155.0942
NE+3.30	B149	11	DISY-COMB Max	0.225	0	2.3612	0	10.9569	0	10.2026
NE+3.30	B149	11	DISY-COMB Max	0.9777	0	2.3612	0	10.9569	0	8.4911
NE+3.30	B149	11	DISY-COMB Max	1.7305	0	2.3612	0	10.9569	0	6.8135
NE+3.30	B149	11	DISY-COMB Max	2.13	0	2.3612	0	10.9569	0	5.9465
NE+3.30	B149	11	DISY-COMB Max	2.13	0	2.3612	0	10.9569	0	5.9465
NE+3.30	B149	11	DISY-COMB Max	2.4832	0	2.3612	0	10.9569	0	5.2024
NE+3.30	B149	11	DISY-COMB Max	3.1	0	2.3612	0	10.9569	0	3.9889
NE+3.30	B149	11	DISY-COMB Max	3.1	0	2.3612	0	10.9569	0	3.9889
NE+3.30	B149	11	DISY-COMB Max	3.2359	0	2.3612	0	10.9569	0	3.7449
NE+3.30	B149	11	DISY-COMB Max	3.9886	0	2.3612	0	10.9569	0	2.702
NE+3.30	B149	11	DISY-COMB Max	4.7414	0	2.3612	0	10.9569	0	2.626
NE+3.30	B149	11	DISY-COMB Max	5.4941	0	2.3612	0	10.9569	0	3.5789
NE+3.30	B149	11	DISY-COMB Max	5.72	0	2.3612	0	10.9569	0	3.9768
NE+3.30	B149	11	DISY-COMB Max	5.72	0	6.0934	0	23.7045	0	7.2964
NE+3.30	B149	11	DISY-COMB Max	6.2468	0	6.0934	0	23.7045	0	5.5872
NE+3.30	B149	11	DISY-COMB Max	6.9995	0	6.0934	0	23.7045	0	5.9593
NE+3.30	B149	11	DISY-COMB Max	7.21	0	6.0934	0	23.7045	0	6.6514
NE+3.30	B149	11	DISY-COMB Max	7.21	0	4.9367	0	23.7045	0	6.6258
NE+3.30	B149	11	DISY-COMB Max	7.7523	0	4.9367	0	23.7045	0	8.6175
NE+3.30	B149	11	DISY-COMB Max	8.505	0	4.9367	0	23.7045	0	11.839
NE+3.30	B149	11	B241	0.225	0	-116.1461	0	-9.9278	0	-187.9415
NE+3.30	B149	11	B241	0.9777	0	-104.1217	0	-9.9278	0	-104.4263
NE+3.30	B149	11	B241	1.7305	0	-88.8385	0	-9.9278	0	-32.0832
NE+3.30	B149	11	B241	2.13	0	-82.6793	0	-9.9278	0	2.1352
NE+3.30	B149	11	B241	2.13	0	-75.9682	0	-9.9278	0	2.1352
NE+3.30	B149	11	B241	2.4832	0	-70.5948	0	-9.9278	0	28.0488
NE+3.30	B149	11	B241	3.1	0	-60.6554	0	-9.9278	0	68.3977
NE+3.30	B149	11	B241	3.1	0	-53.9894	0	-9.9278	0	68.3977
NE+3.30	B149	11	B241	3.2359	0	-52.0498	0	-9.9278	0	75.6053
NE+3.30	B149	11	B241	3.9886	0	-38.4043	0	-9.9278	0	109.9575
NE+3.30	B149	11	B241	4.7414	0	-21.5195	0	-9.9278	0	132.5452
NE+3.30	B149	11	B241	5.4941	0	-7.286	0	-9.9278	0	143.078
NE+3.30	B149	11	B241	5.72	0	-3.9737	0	-9.9278	0	144.3415

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B149	11	B241	5.72	0	73.941	0	26.4732	0	154.0966
NE+3.30	B149	11	B241	6.2468	0	82.3532	0	26.4732	0	113.033
NE+3.30	B149	11	B241	6.9995	0	96.0725	0	26.4732	0	45.697
NE+3.30	B149	11	B241	7.21	0	99.1441	0	26.4732	0	25.1482
NE+3.30	B149	11	B241	7.21	0	156.0012	0	26.4732	0	25.2877
NE+3.30	B149	11	B241	7.7523	0	178.1177	0	26.4732	0	-65.3041
NE+3.30	B149	11	B241	8.505	0	206.6143	0	26.4732	0	-210.4092
NE+3.30	B149	11	B242	0.225	0	-161.3554	0	-10.3378	0	-257.4907
NE+3.30	B149	11	B242	0.9777	0	-143.8128	0	-10.3378	0	-141.5435
NE+3.30	B149	11	B242	1.7305	0	-120.4731	0	-10.3378	0	-42.5744
NE+3.30	B149	11	B242	2.13	0	-111.5587	0	-10.3378	0	3.6972
NE+3.30	B149	11	B242	2.13	0	-99.621	0	-10.3378	0	3.6972
NE+3.30	B149	11	B242	2.4832	0	-91.8674	0	-10.3378	0	37.569
NE+3.30	B149	11	B242	3.1	0	-77.339	0	-10.3378	0	89.5228
NE+3.30	B149	11	B242	3.1	0	-67.6021	0	-10.3378	0	89.5228
NE+3.30	B149	11	B242	3.2359	0	-64.8907	0	-10.3378	0	98.5285
NE+3.30	B149	11	B242	3.9886	0	-46.3152	0	-10.3378	0	140.7605
NE+3.30	B149	11	B242	4.7414	0	-23.7689	0	-10.3378	0	167.18
NE+3.30	B149	11	B242	5.4941	0	-4.4726	0	-10.3378	0	177.4309
NE+3.30	B149	11	B242	5.72	0	0.1425	0	-10.3378	0	177.9098
NE+3.30	B149	11	B242	5.72	0	87.8297	0	31.8291	0	187.9104
NE+3.30	B149	11	B242	6.2468	0	99.4353	0	31.8291	0	138.7127
NE+3.30	B149	11	B242	6.9995	0	118.1014	0	31.8291	0	56.6155
NE+3.30	B149	11	B242	7.21	0	122.3834	0	31.8291	0	31.3017
NE+3.30	B149	11	B242	7.21	0	186.4276	0	31.8291	0	31.7011
NE+3.30	B149	11	B242	7.7523	0	222.9976	0	31.8291	0	-79.3089
NE+3.30	B149	11	B242	8.505	0	269.8413	0	31.8291	0	-265.3398
NE+3.30	B255	147	Pprop	0	0	4.7587	0	-1.09	0	-0.319
NE+3.30	B255	147	Pprop	0.1409	0	5.3613	0	-1.09	0	-1.032
NE+3.30	B255	147	Pprop	0.2818	0	5.964	0	-1.09	0	-1.8299
NE+3.30	B255	147	Pprop	0.4227	0	6.5666	0	-1.09	0	-2.7127
NE+3.30	B255	147	Pprop	0.5636	0	7.1693	0	-1.09	0	-3.6805
NE+3.30	B255	147	Pprop	0.7045	0	7.7719	0	-1.09	0	-4.7331
NE+3.30	B255	147	Pprop	0.8455	0	8.3745	0	-1.09	0	-5.8707
NE+3.30	B255	147	Pprop	0.9864	0	8.9772	0	-1.09	0	-7.0932
NE+3.30	B255	147	Pprop	1.1273	0	9.5798	0	-1.09	0	-8.4007
NE+3.30	B255	147	Pprop	1.2682	0	10.1825	0	-1.09	0	-9.793
NE+3.30	B255	147	Pprop	1.4091	0	10.7851	0	-1.09	0	-11.2703
NE+3.30	B255	147	Pprop	1.55	0	11.3877	0	-1.09	0	-12.8324
NE+3.30	B255	147	Viva	0	0	5.3779	0	-0.9818	0	-0.3118
NE+3.30	B255	147	Viva	0.1409	0	5.4275	0	-0.9818	0	-1.0719
NE+3.30	B255	147	Viva	0.2818	0	5.5764	0	-0.9818	0	-1.846
NE+3.30	B255	147	Viva	0.4227	0	5.8246	0	-0.9818	0	-2.6481
NE+3.30	B255	147	Viva	0.5636	0	6.1721	0	-0.9818	0	-3.4922
NE+3.30	B255	147	Viva	0.7045	0	6.6188	0	-0.9818	0	-4.3922

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B255	147	Viva	0.8455	0	7.1648	0	-0.9818	0	-5.3622
NE+3.30	B255	147	Viva	0.9864	0	7.7982	0	-0.9818	0	-6.4159
NE+3.30	B255	147	Viva	1.1273	0	8.3747	0	-0.9818	0	-7.5565
NE+3.30	B255	147	Viva	1.2682	0	8.8518	0	-0.9818	0	-8.7713
NE+3.30	B255	147	Viva	1.4091	0	9.2297	0	-0.9818	0	-10.0464
NE+3.30	B255	147	Viva	1.55	0	9.5083	0	-0.9818	0	-11.3678
NE+3.30	B255	147	Psup	0	0	7.2149	0	-1.3391	0	-0.4123
NE+3.30	B255	147	Psup	0.1409	0	7.2814	0	-1.3391	0	-1.4321
NE+3.30	B255	147	Psup	0.2818	0	7.4808	0	-1.3391	0	-2.4706
NE+3.30	B255	147	Psup	0.4227	0	7.8132	0	-1.3391	0	-3.5465
NE+3.30	B255	147	Psup	0.5636	0	8.2785	0	-1.3391	0	-4.6787
NE+3.30	B255	147	Psup	0.7045	0	8.8768	0	-1.3391	0	-5.8858
NE+3.30	B255	147	Psup	0.8455	0	9.608	0	-1.3391	0	-7.1866
NE+3.30	B255	147	Psup	0.9864	0	10.4562	0	-1.3391	0	-8.5995
NE+3.30	B255	147	Psup	1.1273	0	11.2282	0	-1.3391	0	-10.1288
NE+3.30	B255	147	Psup	1.2682	0	11.8672	0	-1.3391	0	-11.7576
NE+3.30	B255	147	Psup	1.4091	0	12.3733	0	-1.3391	0	-13.467
NE+3.30	B255	147	Psup	1.55	0	12.7464	0	-1.3391	0	-15.2384
NE+3.30	B255	147	Viva.cub	0	0	0.0372	0	-0.046	0	0.0071
NE+3.30	B255	147	Viva.cub	0.1409	0	0.0372	0	-0.046	0	0.0019
NE+3.30	B255	147	Viva.cub	0.2818	0	0.0372	0	-0.046	0	-0.0034
NE+3.30	B255	147	Viva.cub	0.4227	0	0.0372	0	-0.046	0	-0.0086
NE+3.30	B255	147	Viva.cub	0.5636	0	0.0372	0	-0.046	0	-0.0139
NE+3.30	B255	147	Viva.cub	0.7045	0	0.0372	0	-0.046	0	-0.0191
NE+3.30	B255	147	Viva.cub	0.8455	0	0.0372	0	-0.046	0	-0.0243
NE+3.30	B255	147	Viva.cub	0.9864	0	0.0372	0	-0.046	0	-0.0296
NE+3.30	B255	147	Viva.cub	1.1273	0	0.0372	0	-0.046	0	-0.0348
NE+3.30	B255	147	Viva.cub	1.2682	0	0.0372	0	-0.046	0	-0.0401
NE+3.30	B255	147	Viva.cub	1.4091	0	0.0372	0	-0.046	0	-0.0453
NE+3.30	B255	147	Viva.cub	1.55	0	0.0372	0	-0.046	0	-0.0505
NE+3.30	B255	147	DISX-COMB Max	0	0	7.6367	0	18.9019	0	0.6759
NE+3.30	B255	147	DISX-COMB Max	0.1409	0	7.6367	0	18.9019	0	0.8343
NE+3.30	B255	147	DISX-COMB Max	0.2818	0	7.6367	0	18.9019	0	1.8031
NE+3.30	B255	147	DISX-COMB Max	0.4227	0	7.6367	0	18.9019	0	2.85
NE+3.30	B255	147	DISX-COMB Max	0.5636	0	7.6367	0	18.9019	0	3.9127
NE+3.30	B255	147	DISX-COMB Max	0.7045	0	7.6367	0	18.9019	0	4.9812
NE+3.30	B255	147	DISX-COMB Max	0.8455	0	7.6367	0	18.9019	0	6.0524
NE+3.30	B255	147	DISX-COMB Max	0.9864	0	7.6367	0	18.9019	0	7.125
NE+3.30	B255	147	DISX-COMB Max	1.1273	0	7.6367	0	18.9019	0	8.1986
NE+3.30	B255	147	DISX-COMB Max	1.2682	0	7.6367	0	18.9019	0	9.2727
NE+3.30	B255	147	DISX-COMB Max	1.4091	0	7.6367	0	18.9019	0	10.3473
NE+3.30	B255	147	DISX-COMB Max	1.55	0	7.6367	0	18.9019	0	11.4221
NE+3.30	B255	147	DISY-COMB Max	0	0	3.6025	0	5.3088	0	1.8425
NE+3.30	B255	147	DISY-COMB Max	0.1409	0	3.6025	0	5.3088	0	2.342
NE+3.30	B255	147	DISY-COMB Max	0.2818	0	3.6025	0	5.3088	0	2.8444

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B255	147	DISY-COMB Max	0.4227	0	3.6025	0	5.3088	0	3.3484
NE+3.30	B255	147	DISY-COMB Max	0.5636	0	3.6025	0	5.3088	0	3.8534
NE+3.30	B255	147	DISY-COMB Max	0.7045	0	3.6025	0	5.3088	0	4.3589
NE+3.30	B255	147	DISY-COMB Max	0.8455	0	3.6025	0	5.3088	0	4.8649
NE+3.30	B255	147	DISY-COMB Max	0.9864	0	3.6025	0	5.3088	0	5.3712
NE+3.30	B255	147	DISY-COMB Max	1.1273	0	3.6025	0	5.3088	0	5.8777
NE+3.30	B255	147	DISY-COMB Max	1.2682	0	3.6025	0	5.3088	0	6.3844
NE+3.30	B255	147	DISY-COMB Max	1.4091	0	3.6025	0	5.3088	0	6.8913
NE+3.30	B255	147	DISY-COMB Max	1.55	0	3.6025	0	5.3088	0	7.3982
NE+3.30	B255	147	B241	0	0	15.5213	0	-3.1489	0	-0.9479
NE+3.30	B255	147	B241	0.1409	0	16.3887	0	-3.1489	0	-3.1941
NE+3.30	B255	147	B241	0.2818	0	17.4284	0	-3.1489	0	-5.5747
NE+3.30	B255	147	B241	0.4227	0	18.6404	0	-3.1489	0	-8.1139
NE+3.30	B255	147	B241	0.5636	0	20.0249	0	-3.1489	0	-10.836
NE+3.30	B255	147	B241	0.7045	0	21.5816	0	-3.1489	0	-13.7653
NE+3.30	B255	147	B241	0.8455	0	23.3107	0	-3.1489	0	-16.9262
NE+3.30	B255	147	B241	0.9864	0	25.1914	0	-3.1489	0	-20.3425
NE+3.30	B255	147	B241	1.1273	0	26.9733	0	-3.1489	0	-24.0197
NE+3.30	B255	147	B241	1.2682	0	28.5829	0	-3.1489	0	-27.9359
NE+3.30	B255	147	B241	1.4091	0	30.0201	0	-3.1489	0	-32.0668
NE+3.30	B255	147	B241	1.55	0	31.285	0	-3.1489	0	-36.3881
NE+3.30	B255	147	B242	0	0	21.9271	0	-4.293	0	-1.3079
NE+3.30	B255	147	B242	0.1409	0	22.75	0	-4.293	0	-4.452
NE+3.30	B255	147	B242	0.2818	0	23.8795	0	-4.293	0	-7.7337
NE+3.30	B255	147	B242	0.4227	0	25.3155	0	-4.293	0	-11.1961
NE+3.30	B255	147	B242	0.5636	0	27.0581	0	-4.293	0	-14.8824
NE+3.30	B255	147	B242	0.7045	0	29.1072	0	-4.293	0	-18.8359
NE+3.30	B255	147	B242	0.8455	0	31.4629	0	-4.293	0	-23.0998
NE+3.30	B255	147	B242	0.9864	0	34.0884	0	-4.293	0	-27.7165
NE+3.30	B255	147	B242	1.1273	0	36.538	0	-4.293	0	-32.6961
NE+3.30	B255	147	B242	1.2682	0	38.6811	0	-4.293	0	-37.9992
NE+3.30	B255	147	B242	1.4091	0	40.5177	0	-4.293	0	-43.5827
NE+3.30	B255	147	B242	1.55	0	42.0476	0	-4.293	0	-49.4034
NE+3.30	B256	149	Pprop	0	0	11.2596	0	-0.4396	0	-0.0097
NE+3.30	B256	149	Pprop	0.1409	0	11.8622	0	-0.4396	0	-1.6387
NE+3.30	B256	149	Pprop	0.2818	0	12.4649	0	-0.4396	0	-3.3527
NE+3.30	B256	149	Pprop	0.4227	0	13.0675	0	-0.4396	0	-5.1515
NE+3.30	B256	149	Pprop	0.5636	0	13.6702	0	-0.4396	0	-7.0353
NE+3.30	B256	149	Pprop	0.7045	0	14.2728	0	-0.4396	0	-9.004
NE+3.30	B256	149	Pprop	0.8455	0	14.8754	0	-0.4396	0	-11.0577
NE+3.30	B256	149	Pprop	0.9864	0	15.4781	0	-0.4396	0	-13.1962
NE+3.30	B256	149	Pprop	1.1273	0	16.0807	0	-0.4396	0	-15.4197
NE+3.30	B256	149	Pprop	1.2682	0	16.6834	0	-0.4396	0	-17.7281
NE+3.30	B256	149	Pprop	1.4091	0	17.286	0	-0.4396	0	-20.1213
NE+3.30	B256	149	Pprop	1.55	0	17.8886	0	-0.4396	0	-22.5996

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B256	149	Viva	0	0	14.2319	0	-0.1853	0	-0.1618
NE+3.30	B256	149	Viva	0.1409	0	14.3312	0	-0.1853	0	-2.1719
NE+3.30	B256	149	Viva	0.2818	0	14.629	0	-0.1853	0	-4.2099
NE+3.30	B256	149	Viva	0.4227	0	15.1254	0	-0.1853	0	-6.3039
NE+3.30	B256	149	Viva	0.5636	0	15.8203	0	-0.1853	0	-8.4819
NE+3.30	B256	149	Viva	0.7045	0	16.7138	0	-0.1853	0	-10.7717
NE+3.30	B256	149	Viva	0.8455	0	17.8059	0	-0.1853	0	-13.2015
NE+3.30	B256	149	Viva	0.9864	0	19.0726	0	-0.1853	0	-15.7987
NE+3.30	B256	149	Viva	1.1273	0	20.2255	0	-0.1853	0	-18.5697
NE+3.30	B256	149	Viva	1.2682	0	21.1798	0	-0.1853	0	-21.4892
NE+3.30	B256	149	Viva	1.4091	0	21.9356	0	-0.1853	0	-24.5293
NE+3.30	B256	149	Viva	1.55	0	22.4928	0	-0.1853	0	-27.6618
NE+3.30	B256	149	Psup	0	0	19.1691	0	-0.2371	0	-0.1662
NE+3.30	B256	149	Psup	0.1409	0	19.3021	0	-0.2371	0	-2.8735
NE+3.30	B256	149	Psup	0.2818	0	19.7009	0	-0.2371	0	-5.6184
NE+3.30	B256	149	Psup	0.4227	0	20.3657	0	-0.2371	0	-8.4381
NE+3.30	B256	149	Psup	0.5636	0	21.2964	0	-0.2371	0	-11.3703
NE+3.30	B256	149	Psup	0.7045	0	22.4929	0	-0.2371	0	-14.4523
NE+3.30	B256	149	Psup	0.8455	0	23.9554	0	-0.2371	0	-17.7217
NE+3.30	B256	149	Psup	0.9864	0	25.6518	0	-0.2371	0	-21.2153
NE+3.30	B256	149	Psup	1.1273	0	27.1957	0	-0.2371	0	-24.9418
NE+3.30	B256	149	Psup	1.2682	0	28.4738	0	-0.2371	0	-28.8671
NE+3.30	B256	149	Psup	1.4091	0	29.4859	0	-0.2371	0	-32.9538
NE+3.30	B256	149	Psup	1.55	0	30.2322	0	-0.2371	0	-37.1643
NE+3.30	B256	149	Viva.cub	0	0	-0.052	0	-0.022	0	-0.0088
NE+3.30	B256	149	Viva.cub	0.1409	0	-0.052	0	-0.022	0	-0.0015
NE+3.30	B256	149	Viva.cub	0.2818	0	-0.052	0	-0.022	0	0.0058
NE+3.30	B256	149	Viva.cub	0.4227	0	-0.052	0	-0.022	0	0.0131
NE+3.30	B256	149	Viva.cub	0.5636	0	-0.052	0	-0.022	0	0.0205
NE+3.30	B256	149	Viva.cub	0.7045	0	-0.052	0	-0.022	0	0.0278
NE+3.30	B256	149	Viva.cub	0.8455	0	-0.052	0	-0.022	0	0.0351
NE+3.30	B256	149	Viva.cub	0.9864	0	-0.052	0	-0.022	0	0.0424
NE+3.30	B256	149	Viva.cub	1.1273	0	-0.052	0	-0.022	0	0.0497
NE+3.30	B256	149	Viva.cub	1.2682	0	-0.052	0	-0.022	0	0.0571
NE+3.30	B256	149	Viva.cub	1.4091	0	-0.052	0	-0.022	0	0.0644
NE+3.30	B256	149	Viva.cub	1.55	0	-0.052	0	-0.022	0	0.0717
NE+3.30	B256	149	DISX-COMB Max	0	0	2.7935	0	24.2483	0	1.0224
NE+3.30	B256	149	DISX-COMB Max	0.1409	0	2.7935	0	24.2483	0	1.0912
NE+3.30	B256	149	DISX-COMB Max	0.2818	0	2.7935	0	24.2483	0	1.2829
NE+3.30	B256	149	DISX-COMB Max	0.4227	0	2.7935	0	24.2483	0	1.5527
NE+3.30	B256	149	DISX-COMB Max	0.5636	0	2.7935	0	24.2483	0	1.867
NE+3.30	B256	149	DISX-COMB Max	0.7045	0	2.7935	0	24.2483	0	2.2069
NE+3.30	B256	149	DISX-COMB Max	0.8455	0	2.7935	0	24.2483	0	2.5623
NE+3.30	B256	149	DISX-COMB Max	0.9864	0	2.7935	0	24.2483	0	2.9274
NE+3.30	B256	149	DISX-COMB Max	1.1273	0	2.7935	0	24.2483	0	3.2991

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B256	149	DISX-COMB Max	1.2682	0	2.7935	0	24.2483	0	3.6754
NE+3.30	B256	149	DISX-COMB Max	1.4091	0	2.7935	0	24.2483	0	4.055
NE+3.30	B256	149	DISX-COMB Max	1.55	0	2.7935	0	24.2483	0	4.437
NE+3.30	B256	149	DISY-COMB Max	0	0	4.5338	0	3.9054	0	1.1672
NE+3.30	B256	149	DISY-COMB Max	0.1409	0	4.5338	0	3.9054	0	1.8025
NE+3.30	B256	149	DISY-COMB Max	0.2818	0	4.5338	0	3.9054	0	2.4397
NE+3.30	B256	149	DISY-COMB Max	0.4227	0	4.5338	0	3.9054	0	3.0776
NE+3.30	B256	149	DISY-COMB Max	0.5636	0	4.5338	0	3.9054	0	3.7158
NE+3.30	B256	149	DISY-COMB Max	0.7045	0	4.5338	0	3.9054	0	4.3541
NE+3.30	B256	149	DISY-COMB Max	0.8455	0	4.5338	0	3.9054	0	4.9927
NE+3.30	B256	149	DISY-COMB Max	0.9864	0	4.5338	0	3.9054	0	5.6312
NE+3.30	B256	149	DISY-COMB Max	1.1273	0	4.5338	0	3.9054	0	6.2699
NE+3.30	B256	149	DISY-COMB Max	1.2682	0	4.5338	0	3.9054	0	6.9086
NE+3.30	B256	149	DISY-COMB Max	1.4091	0	4.5338	0	3.9054	0	7.5473
NE+3.30	B256	149	DISY-COMB Max	1.55	0	4.5338	0	3.9054	0	8.186
NE+3.30	B256	149	B241	0	0	39.4447	0	-0.8772	0	-0.228
NE+3.30	B256	149	B241	0.1409	0	40.3982	0	-0.8772	0	-5.8492
NE+3.30	B256	149	B241	0.2818	0	41.6964	0	-0.8772	0	-11.6291
NE+3.30	B256	149	B241	0.4227	0	43.3394	0	-0.8772	0	-17.6162
NE+3.30	B256	149	B241	0.5636	0	45.327	0	-0.8772	0	-23.8591
NE+3.30	B256	149	B241	0.7045	0	47.6593	0	-0.8772	0	-30.4064
NE+3.30	B256	149	B241	0.8455	0	50.3363	0	-0.8772	0	-37.3066
NE+3.30	B256	149	B241	0.9864	0	53.3165	0	-0.8772	0	-44.6076
NE+3.30	B256	149	B241	1.1273	0	56.0991	0	-0.8772	0	-52.3204
NE+3.30	B256	149	B241	1.2682	0	58.537	0	-0.8772	0	-60.4011
NE+3.30	B256	149	B241	1.4091	0	60.6303	0	-0.8772	0	-68.8011
NE+3.30	B256	149	B241	1.55	0	62.3788	0	-0.8772	0	-77.4717
NE+3.30	B256	149	B242	0	0	56.5548	0	-1.0594	0	-0.4587
NE+3.30	B256	149	B242	0.1409	0	57.5309	0	-1.0594	0	-8.4894
NE+3.30	B256	149	B242	0.2818	0	59.1202	0	-1.0594	0	-16.7008
NE+3.30	B256	149	B242	0.4227	0	61.3227	0	-1.0594	0	-25.1793
NE+3.30	B256	149	B242	0.5636	0	64.1382	0	-1.0594	0	-34.0114
NE+3.30	B256	149	B242	0.7045	0	67.5669	0	-1.0594	0	-43.2835
NE+3.30	B256	149	B242	0.8455	0	71.6088	0	-1.0594	0	-53.0818
NE+3.30	B256	149	B242	0.9864	0	76.19	0	-1.0594	0	-63.4917
NE+3.30	B256	149	B242	1.1273	0	80.4197	0	-1.0594	0	-74.5328
NE+3.30	B256	149	B242	1.2682	0	84.0363	0	-1.0594	0	-86.1267
NE+3.30	B256	149	B242	1.4091	0	87.0398	0	-1.0594	0	-98.1869
NE+3.30	B256	149	B242	1.55	0	89.4301	0	-1.0594	0	-110.6273
NE+3.30	B257	151	Pprop	0	0	20.4248	0	-0.7089	0	0.2213
NE+3.30	B257	151	Pprop	0.1409	0	21.0274	0	-0.7089	0	-2.6992
NE+3.30	B257	151	Pprop	0.2818	0	21.6301	0	-0.7089	0	-5.7046
NE+3.30	B257	151	Pprop	0.4227	0	22.2327	0	-0.7089	0	-8.795
NE+3.30	B257	151	Pprop	0.5636	0	22.8353	0	-0.7089	0	-11.9702
NE+3.30	B257	151	Pprop	0.7045	0	23.438	0	-0.7089	0	-15.2304

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B257	151	Pprop	0.8455	0	24.0406	0	-0.7089	0	-18.5755
NE+3.30	B257	151	Pprop	0.9864	0	24.6433	0	-0.7089	0	-22.0055
NE+3.30	B257	151	Pprop	1.1273	0	25.2459	0	-0.7089	0	-25.5204
NE+3.30	B257	151	Pprop	1.2682	0	25.8485	0	-0.7089	0	-29.1202
NE+3.30	B257	151	Pprop	1.4091	0	26.4512	0	-0.7089	0	-32.805
NE+3.30	B257	151	Pprop	1.55	0	27.0538	0	-0.7089	0	-36.5746
NE+3.30	B257	151	Viva	0	0	29.4451	0	-0.4875	0	0.2653
NE+3.30	B257	151	Viva	0.1409	0	29.5443	0	-0.4875	0	-3.8884
NE+3.30	B257	151	Viva	0.2818	0	29.8422	0	-0.4875	0	-8.0701
NE+3.30	B257	151	Viva	0.4227	0	30.3386	0	-0.4875	0	-12.3078
NE+3.30	B257	151	Viva	0.5636	0	31.0335	0	-0.4875	0	-16.6294
NE+3.30	B257	151	Viva	0.7045	0	31.927	0	-0.4875	0	-21.0629
NE+3.30	B257	151	Viva	0.8455	0	33.019	0	-0.4875	0	-25.6364
NE+3.30	B257	151	Viva	0.9864	0	34.2857	0	-0.4875	0	-30.3772
NE+3.30	B257	151	Viva	1.1273	0	35.4386	0	-0.4875	0	-35.292
NE+3.30	B257	151	Viva	1.2682	0	36.393	0	-0.4875	0	-40.3552
NE+3.30	B257	151	Viva	1.4091	0	37.1488	0	-0.4875	0	-45.5389
NE+3.30	B257	151	Viva	1.55	0	37.706	0	-0.4875	0	-50.815
NE+3.30	B257	151	Psup	0	0	39.0068	0	-0.4558	0	0.4407
NE+3.30	B257	151	Psup	0.1409	0	39.1398	0	-0.4558	0	-5.062
NE+3.30	B257	151	Psup	0.2818	0	39.5386	0	-0.4558	0	-10.6021
NE+3.30	B257	151	Psup	0.4227	0	40.2034	0	-0.4558	0	-16.2172
NE+3.30	B257	151	Psup	0.5636	0	41.134	0	-0.4558	0	-21.9446
NE+3.30	B257	151	Psup	0.7045	0	42.3306	0	-0.4558	0	-27.822
NE+3.30	B257	151	Psup	0.8455	0	43.7931	0	-0.4558	0	-33.8866
NE+3.30	B257	151	Psup	0.9864	0	45.4895	0	-0.4558	0	-40.1756
NE+3.30	B257	151	Psup	1.1273	0	47.0334	0	-0.4558	0	-46.6974
NE+3.30	B257	151	Psup	1.2682	0	48.3115	0	-0.4558	0	-53.418
NE+3.30	B257	151	Psup	1.4091	0	49.3236	0	-0.4558	0	-60.2999
NE+3.30	B257	151	Psup	1.55	0	50.0699	0	-0.4558	0	-67.3058
NE+3.30	B257	151	Viva.cub	0	0	0.0189	0	-0.0186	0	0.0016
NE+3.30	B257	151	Viva.cub	0.1409	0	0.0189	0	-0.0186	0	-0.001
NE+3.30	B257	151	Viva.cub	0.2818	0	0.0189	0	-0.0186	0	-0.0037
NE+3.30	B257	151	Viva.cub	0.4227	0	0.0189	0	-0.0186	0	-0.0064
NE+3.30	B257	151	Viva.cub	0.5636	0	0.0189	0	-0.0186	0	-0.009
NE+3.30	B257	151	Viva.cub	0.7045	0	0.0189	0	-0.0186	0	-0.0117
NE+3.30	B257	151	Viva.cub	0.8455	0	0.0189	0	-0.0186	0	-0.0144
NE+3.30	B257	151	Viva.cub	0.9864	0	0.0189	0	-0.0186	0	-0.017
NE+3.30	B257	151	Viva.cub	1.1273	0	0.0189	0	-0.0186	0	-0.0197
NE+3.30	B257	151	Viva.cub	1.2682	0	0.0189	0	-0.0186	0	-0.0223
NE+3.30	B257	151	Viva.cub	1.4091	0	0.0189	0	-0.0186	0	-0.025
NE+3.30	B257	151	Viva.cub	1.55	0	0.0189	0	-0.0186	0	-0.0277
NE+3.30	B257	151	DISX-COMB Max	0	0	2.4653	0	33.4676	0	0.2864
NE+3.30	B257	151	DISX-COMB Max	0.1409	0	2.4653	0	33.4676	0	0.3531
NE+3.30	B257	151	DISX-COMB Max	0.2818	0	2.4653	0	33.4676	0	0.6393

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B257	151	DISX-COMB Max	0.4227	0	2.4653	0	33.4676	0	0.9664
NE+3.30	B257	151	DISX-COMB Max	0.5636	0	2.4653	0	33.4676	0	1.3041
NE+3.30	B257	151	DISX-COMB Max	0.7045	0	2.4653	0	33.4676	0	1.6458
NE+3.30	B257	151	DISX-COMB Max	0.8455	0	2.4653	0	33.4676	0	1.9895
NE+3.30	B257	151	DISX-COMB Max	0.9864	0	2.4653	0	33.4676	0	2.3343
NE+3.30	B257	151	DISX-COMB Max	1.1273	0	2.4653	0	33.4676	0	2.6797
NE+3.30	B257	151	DISX-COMB Max	1.2682	0	2.4653	0	33.4676	0	3.0256
NE+3.30	B257	151	DISX-COMB Max	1.4091	0	2.4653	0	33.4676	0	3.3718
NE+3.30	B257	151	DISX-COMB Max	1.55	0	2.4653	0	33.4676	0	3.7182
NE+3.30	B257	151	DISY-COMB Max	0	0	0.9483	0	2.8091	0	0.5622
NE+3.30	B257	151	DISY-COMB Max	0.1409	0	0.9483	0	2.8091	0	0.4322
NE+3.30	B257	151	DISY-COMB Max	0.2818	0	0.9483	0	2.8091	0	0.3054
NE+3.30	B257	151	DISY-COMB Max	0.4227	0	0.9483	0	2.8091	0	0.1883
NE+3.30	B257	151	DISY-COMB Max	0.5636	0	0.9483	0	2.8091	0	0.1156
NE+3.30	B257	151	DISY-COMB Max	0.7045	0	0.9483	0	2.8091	0	0.1642
NE+3.30	B257	151	DISY-COMB Max	0.8455	0	0.9483	0	2.8091	0	0.2762
NE+3.30	B257	151	DISY-COMB Max	0.9864	0	0.9483	0	2.8091	0	0.4016
NE+3.30	B257	151	DISY-COMB Max	1.1273	0	0.9483	0	2.8091	0	0.5311
NE+3.30	B257	151	DISY-COMB Max	1.2682	0	0.9483	0	2.8091	0	0.6622
NE+3.30	B257	151	DISY-COMB Max	1.4091	0	0.9483	0	2.8091	0	0.7941
NE+3.30	B257	151	DISY-COMB Max	1.55	0	0.9483	0	2.8091	0	0.9265
NE+3.30	B257	151	B241	0	0	77.041	0	-1.5098	0	0.8581
NE+3.30	B257	151	B241	0.1409	0	77.9945	0	-1.5098	0	-10.0608
NE+3.30	B257	151	B241	0.2818	0	79.2927	0	-1.5098	0	-21.1383
NE+3.30	B257	151	B241	0.4227	0	80.9357	0	-1.5098	0	-32.4231
NE+3.30	B257	151	B241	0.5636	0	82.9233	0	-1.5098	0	-43.9637
NE+3.30	B257	151	B241	0.7045	0	85.2556	0	-1.5098	0	-55.8086
NE+3.30	B257	151	B241	0.8455	0	87.9326	0	-1.5098	0	-68.0064
NE+3.30	B257	151	B241	0.9864	0	90.9128	0	-1.5098	0	-80.6051
NE+3.30	B257	151	B241	1.1273	0	93.6954	0	-1.5098	0	-93.6156
NE+3.30	B257	151	B241	1.2682	0	96.1333	0	-1.5098	0	-106.994
NE+3.30	B257	151	B241	1.4091	0	98.2266	0	-1.5098	0	-120.6916
NE+3.30	B257	151	B241	1.55	0	99.9751	0	-1.5098	0	-134.6598
NE+3.30	B257	151	B242	0	0	113.1566	0	-2.0833	0	1.1608
NE+3.30	B257	151	B242	0.1409	0	114.1328	0	-2.0833	0	-14.8455
NE+3.30	B257	151	B242	0.2818	0	115.7221	0	-2.0833	0	-31.0327
NE+3.30	B257	151	B242	0.4227	0	117.9246	0	-2.0833	0	-47.4869
NE+3.30	B257	151	B242	0.5636	0	120.7401	0	-2.0833	0	-64.2947
NE+3.30	B257	151	B242	0.7045	0	124.1688	0	-2.0833	0	-81.5425
NE+3.30	B257	151	B242	0.8455	0	128.2107	0	-2.0833	0	-99.3166
NE+3.30	B257	151	B242	0.9864	0	132.7919	0	-2.0833	0	-117.7022
NE+3.30	B257	151	B242	1.1273	0	137.0216	0	-2.0833	0	-136.719
NE+3.30	B257	151	B242	1.2682	0	140.6382	0	-2.0833	0	-156.2886
NE+3.30	B257	151	B242	1.4091	0	143.6417	0	-2.0833	0	-176.3246
NE+3.30	B257	151	B242	1.55	0	146.032	0	-2.0833	0	-196.7406

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B258	153	Pprop	0	0	26.7432	0	0.2052	0	0.1016
NE+3.30	B258	153	Pprop	0.1409	0	27.3458	0	0.2052	0	-3.7092
NE+3.30	B258	153	Pprop	0.2818	0	27.9484	0	0.2052	0	-7.6049
NE+3.30	B258	153	Pprop	0.4227	0	28.5511	0	0.2052	0	-11.5856
NE+3.30	B258	153	Pprop	0.5636	0	29.1537	0	0.2052	0	-15.6511
NE+3.30	B258	153	Pprop	0.7045	0	29.7564	0	0.2052	0	-19.8016
NE+3.30	B258	153	Pprop	0.8455	0	30.359	0	0.2052	0	-24.037
NE+3.30	B258	153	Pprop	0.9864	0	30.9616	0	0.2052	0	-28.3573
NE+3.30	B258	153	Pprop	1.1273	0	31.5643	0	0.2052	0	-32.7626
NE+3.30	B258	153	Pprop	1.2682	0	32.1669	0	0.2052	0	-37.2527
NE+3.30	B258	153	Pprop	1.4091	0	32.7696	0	0.2052	0	-41.8278
NE+3.30	B258	153	Pprop	1.55	0	33.3722	0	0.2052	0	-46.4878
NE+3.30	B258	153	Viva	0	0	39.5739	0	-1.7732	0	0.0336
NE+3.30	B258	153	Viva	0.1409	0	39.6731	0	-1.7732	0	-5.5473
NE+3.30	B258	153	Viva	0.2818	0	39.971	0	-1.7732	0	-11.1563
NE+3.30	B258	153	Viva	0.4227	0	40.4674	0	-1.7732	0	-16.8212
NE+3.30	B258	153	Viva	0.5636	0	41.1623	0	-1.7732	0	-22.5701
NE+3.30	B258	153	Viva	0.7045	0	42.0558	0	-1.7732	0	-28.4308
NE+3.30	B258	153	Viva	0.8455	0	43.1478	0	-1.7732	0	-34.4315
NE+3.30	B258	153	Viva	0.9864	0	44.4146	0	-1.7732	0	-40.5996
NE+3.30	B258	153	Viva	1.1273	0	45.5674	0	-1.7732	0	-46.9416
NE+3.30	B258	153	Viva	1.2682	0	46.5218	0	-1.7732	0	-53.432
NE+3.30	B258	153	Viva	1.4091	0	47.2776	0	-1.7732	0	-60.0429
NE+3.30	B258	153	Viva	1.55	0	47.8348	0	-1.7732	0	-66.7464
NE+3.30	B258	153	Psup	0	0	53.4745	0	-0.4203	0	-0.0481
NE+3.30	B258	153	Psup	0.1409	0	53.6075	0	-0.4203	0	-7.5894
NE+3.30	B258	153	Psup	0.2818	0	54.0063	0	-0.4203	0	-15.1682
NE+3.30	B258	153	Psup	0.4227	0	54.6711	0	-0.4203	0	-22.8219
NE+3.30	B258	153	Psup	0.5636	0	55.6017	0	-0.4203	0	-30.588
NE+3.30	B258	153	Psup	0.7045	0	56.7983	0	-0.4203	0	-38.504
NE+3.30	B258	153	Psup	0.8455	0	58.2608	0	-0.4203	0	-46.6073
NE+3.30	B258	153	Psup	0.9864	0	59.9572	0	-0.4203	0	-54.9349
NE+3.30	B258	153	Psup	1.1273	0	61.5011	0	-0.4203	0	-63.4953
NE+3.30	B258	153	Psup	1.2682	0	62.7792	0	-0.4203	0	-72.2545
NE+3.30	B258	153	Psup	1.4091	0	63.7913	0	-0.4203	0	-81.1751
NE+3.30	B258	153	Psup	1.55	0	64.5376	0	-0.4203	0	-90.2196
NE+3.30	B258	153	Viva.cub	0	0	-0.0008	0	-0.0288	0	-0.0004
NE+3.30	B258	153	Viva.cub	0.1409	0	-0.0008	0	-0.0288	0	-0.0003
NE+3.30	B258	153	Viva.cub	0.2818	0	-0.0008	0	-0.0288	0	-0.0002
NE+3.30	B258	153	Viva.cub	0.4227	0	-0.0008	0	-0.0288	0	-0.0001
NE+3.30	B258	153	Viva.cub	0.5636	0	-0.0008	0	-0.0288	0	6.541E-07
NE+3.30	B258	153	Viva.cub	0.7045	0	-0.0008	0	-0.0288	0	0.0001
NE+3.30	B258	153	Viva.cub	0.8455	0	-0.0008	0	-0.0288	0	0.0002
NE+3.30	B258	153	Viva.cub	0.9864	0	-0.0008	0	-0.0288	0	0.0003
NE+3.30	B258	153	Viva.cub	1.1273	0	-0.0008	0	-0.0288	0	0.0004

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B258	153	Viva.cub	1.2682	0	-0.0008	0	-0.0288	0	0.0005
NE+3.30	B258	153	Viva.cub	1.4091	0	-0.0008	0	-0.0288	0	0.0006
NE+3.30	B258	153	Viva.cub	1.55	0	-0.0008	0	-0.0288	0	0.0007
NE+3.30	B258	153	DISX-COMB Max	0	0	0.3225	0	39.575	0	0.0746
NE+3.30	B258	153	DISX-COMB Max	0.1409	0	0.3225	0	39.575	0	0.0537
NE+3.30	B258	153	DISX-COMB Max	0.2818	0	0.3225	0	39.575	0	0.0658
NE+3.30	B258	153	DISX-COMB Max	0.4227	0	0.3225	0	39.575	0	0.0995
NE+3.30	B258	153	DISX-COMB Max	0.5636	0	0.3225	0	39.575	0	0.1401
NE+3.30	B258	153	DISX-COMB Max	0.7045	0	0.3225	0	39.575	0	0.1829
NE+3.30	B258	153	DISX-COMB Max	0.8455	0	0.3225	0	39.575	0	0.2268
NE+3.30	B258	153	DISX-COMB Max	0.9864	0	0.3225	0	39.575	0	0.2712
NE+3.30	B258	153	DISX-COMB Max	1.1273	0	0.3225	0	39.575	0	0.3159
NE+3.30	B258	153	DISX-COMB Max	1.2682	0	0.3225	0	39.575	0	0.3607
NE+3.30	B258	153	DISX-COMB Max	1.4091	0	0.3225	0	39.575	0	0.4057
NE+3.30	B258	153	DISX-COMB Max	1.55	0	0.3225	0	39.575	0	0.4508
NE+3.30	B258	153	DISY-COMB Max	0	0	0.1343	0	2.7912	0	0.0685
NE+3.30	B258	153	DISY-COMB Max	0.1409	0	0.1343	0	2.7912	0	0.0856
NE+3.30	B258	153	DISY-COMB Max	0.2818	0	0.1343	0	2.7912	0	0.1033
NE+3.30	B258	153	DISY-COMB Max	0.4227	0	0.1343	0	2.7912	0	0.1214
NE+3.30	B258	153	DISY-COMB Max	0.5636	0	0.1343	0	2.7912	0	0.1397
NE+3.30	B258	153	DISY-COMB Max	0.7045	0	0.1343	0	2.7912	0	0.1581
NE+3.30	B258	153	DISY-COMB Max	0.8455	0	0.1343	0	2.7912	0	0.1767
NE+3.30	B258	153	DISY-COMB Max	0.9864	0	0.1343	0	2.7912	0	0.1953
NE+3.30	B258	153	DISY-COMB Max	1.1273	0	0.1343	0	2.7912	0	0.214
NE+3.30	B258	153	DISY-COMB Max	1.2682	0	0.1343	0	2.7912	0	0.2327
NE+3.30	B258	153	DISY-COMB Max	1.4091	0	0.1343	0	2.7912	0	0.2515
NE+3.30	B258	153	DISY-COMB Max	1.55	0	0.1343	0	2.7912	0	0.2702
NE+3.30	B258	153	B241	0	0	103.9859	0	-0.2789	0	0.0693
NE+3.30	B258	153	B241	0.1409	0	104.9394	0	-0.2789	0	-14.6464
NE+3.30	B258	153	B241	0.2818	0	106.2377	0	-0.2789	0	-29.5207
NE+3.30	B258	153	B241	0.4227	0	107.8806	0	-0.2789	0	-44.6023
NE+3.30	B258	153	B241	0.5636	0	109.8682	0	-0.2789	0	-59.9396
NE+3.30	B258	153	B241	0.7045	0	112.2005	0	-0.2789	0	-75.5813
NE+3.30	B258	153	B241	0.8455	0	114.8775	0	-0.2789	0	-91.5759
NE+3.30	B258	153	B241	0.9864	0	117.8577	0	-0.2789	0	-107.9714
NE+3.30	B258	153	B241	1.1273	0	120.6403	0	-0.2789	0	-124.7787
NE+3.30	B258	153	B241	1.2682	0	123.0783	0	-0.2789	0	-141.9538
NE+3.30	B258	153	B241	1.4091	0	125.1715	0	-0.2789	0	-159.4482
NE+3.30	B258	153	B241	1.55	0	126.9201	0	-0.2789	0	-177.2133
NE+3.30	B258	153	B242	0	0	152.4486	0	-3.0905	0	0.113
NE+3.30	B258	153	B242	0.1409	0	153.4247	0	-3.0905	0	-21.4299
NE+3.30	B258	153	B242	0.2818	0	155.014	0	-3.0905	0	-43.1536
NE+3.30	B258	153	B242	0.4227	0	157.2165	0	-3.0905	0	-65.1445
NE+3.30	B258	153	B242	0.5636	0	160.032	0	-3.0905	0	-87.4889
NE+3.30	B258	153	B242	0.7045	0	163.4607	0	-3.0905	0	-110.2732

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B258	153	B242	0.8455	0	167.5026	0	-3.0905	0	-133.5839
NE+3.30	B258	153	B242	0.9864	0	172.0838	0	-3.0905	0	-157.5061
NE+3.30	B258	153	B242	1.1273	0	176.3136	0	-3.0905	0	-182.0595
NE+3.30	B258	153	B242	1.2682	0	179.9302	0	-3.0905	0	-207.1657
NE+3.30	B258	153	B242	1.4091	0	182.9336	0	-3.0905	0	-232.7383
NE+3.30	B258	153	B242	1.55	0	185.3239	0	-3.0905	0	-258.6909
NE+3.30	B259	154	Pprop	0	0	20.5111	0	-0.8342	0	0.2155
NE+3.30	B259	154	Pprop	0.1409	0	21.1137	0	-0.8342	0	-2.7172
NE+3.30	B259	154	Pprop	0.2818	0	21.7164	0	-0.8342	0	-5.7347
NE+3.30	B259	154	Pprop	0.4227	0	22.319	0	-0.8342	0	-8.8372
NE+3.30	B259	154	Pprop	0.5636	0	22.9216	0	-0.8342	0	-12.0246
NE+3.30	B259	154	Pprop	0.7045	0	23.5243	0	-0.8342	0	-15.297
NE+3.30	B259	154	Pprop	0.8455	0	24.1269	0	-0.8342	0	-18.6542
NE+3.30	B259	154	Pprop	0.9864	0	24.7296	0	-0.8342	0	-22.0964
NE+3.30	B259	154	Pprop	1.1273	0	25.3322	0	-0.8342	0	-25.6234
NE+3.30	B259	154	Pprop	1.2682	0	25.9348	0	-0.8342	0	-29.2354
NE+3.30	B259	154	Pprop	1.4091	0	26.5375	0	-0.8342	0	-32.9324
NE+3.30	B259	154	Pprop	1.55	0	27.1401	0	-0.8342	0	-36.7142
NE+3.30	B259	154	Viva	0	0	29.6004	0	0.3351	0	0.8911
NE+3.30	B259	154	Viva	0.1409	0	29.6997	0	0.3351	0	-3.2845
NE+3.30	B259	154	Viva	0.2818	0	29.9975	0	0.3351	0	-7.4881
NE+3.30	B259	154	Viva	0.4227	0	30.4939	0	0.3351	0	-11.7477
NE+3.30	B259	154	Viva	0.5636	0	31.1888	0	0.3351	0	-16.0912
NE+3.30	B259	154	Viva	0.7045	0	32.0823	0	0.3351	0	-20.5466
NE+3.30	B259	154	Viva	0.8455	0	33.1743	0	0.3351	0	-25.1419
NE+3.30	B259	154	Viva	0.9864	0	34.4411	0	0.3351	0	-29.9047
NE+3.30	B259	154	Viva	1.1273	0	35.594	0	0.3351	0	-34.8413
NE+3.30	B259	154	Viva	1.2682	0	36.5483	0	0.3351	0	-39.9264
NE+3.30	B259	154	Viva	1.4091	0	37.3041	0	0.3351	0	-45.1319
NE+3.30	B259	154	Viva	1.55	0	37.8613	0	0.3351	0	-50.43
NE+3.30	B259	154	Psup	0	0	38.608	0	-1.55	0	1.0155
NE+3.30	B259	154	Psup	0.1409	0	38.7409	0	-1.55	0	-4.431
NE+3.30	B259	154	Psup	0.2818	0	39.1398	0	-1.55	0	-9.9149
NE+3.30	B259	154	Psup	0.4227	0	39.8045	0	-1.55	0	-15.4738
NE+3.30	B259	154	Psup	0.5636	0	40.7352	0	-1.55	0	-21.145
NE+3.30	B259	154	Psup	0.7045	0	41.9317	0	-1.55	0	-26.9662
NE+3.30	B259	154	Psup	0.8455	0	43.3942	0	-1.55	0	-32.9747
NE+3.30	B259	154	Psup	0.9864	0	45.0906	0	-1.55	0	-39.2074
NE+3.30	B259	154	Psup	1.1273	0	46.6346	0	-1.55	0	-45.673
NE+3.30	B259	154	Psup	1.2682	0	47.9126	0	-1.55	0	-52.3374
NE+3.30	B259	154	Psup	1.4091	0	48.9248	0	-1.55	0	-59.1632
NE+3.30	B259	154	Psup	1.55	0	49.671	0	-1.55	0	-66.1128
NE+3.30	B259	154	Viva.cub	0	0	0.0015	0	-0.0291	0	0.0002
NE+3.30	B259	154	Viva.cub	0.1409	0	0.0015	0	-0.0291	0	-1.447E-05
NE+3.30	B259	154	Viva.cub	0.2818	0	0.0015	0	-0.0291	0	-0.0002

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B259	154	Viva.cub	0.4227	0	0.0015	0	-0.0291	0	-0.0004
NE+3.30	B259	154	Viva.cub	0.5636	0	0.0015	0	-0.0291	0	-0.0007
NE+3.30	B259	154	Viva.cub	0.7045	0	0.0015	0	-0.0291	0	-0.0009
NE+3.30	B259	154	Viva.cub	0.8455	0	0.0015	0	-0.0291	0	-0.0011
NE+3.30	B259	154	Viva.cub	0.9864	0	0.0015	0	-0.0291	0	-0.0013
NE+3.30	B259	154	Viva.cub	1.1273	0	0.0015	0	-0.0291	0	-0.0015
NE+3.30	B259	154	Viva.cub	1.2682	0	0.0015	0	-0.0291	0	-0.0017
NE+3.30	B259	154	Viva.cub	1.4091	0	0.0015	0	-0.0291	0	-0.0019
NE+3.30	B259	154	Viva.cub	1.55	0	0.0015	0	-0.0291	0	-0.0021
NE+3.30	B259	154	DISX-COMB Max	0	0	1.2448	0	34.0863	0	0.4137
NE+3.30	B259	154	DISX-COMB Max	0.1409	0	1.2448	0	34.0863	0	0.3321
NE+3.30	B259	154	DISX-COMB Max	0.2818	0	1.2448	0	34.0863	0	0.3331
NE+3.30	B259	154	DISX-COMB Max	0.4227	0	1.2448	0	34.0863	0	0.4161
NE+3.30	B259	154	DISX-COMB Max	0.5636	0	1.2448	0	34.0863	0	0.5449
NE+3.30	B259	154	DISX-COMB Max	0.7045	0	1.2448	0	34.0863	0	0.6944
NE+3.30	B259	154	DISX-COMB Max	0.8455	0	1.2448	0	34.0863	0	0.8538
NE+3.30	B259	154	DISX-COMB Max	0.9864	0	1.2448	0	34.0863	0	1.0185
NE+3.30	B259	154	DISX-COMB Max	1.1273	0	1.2448	0	34.0863	0	1.1862
NE+3.30	B259	154	DISX-COMB Max	1.2682	0	1.2448	0	34.0863	0	1.3559
NE+3.30	B259	154	DISX-COMB Max	1.4091	0	1.2448	0	34.0863	0	1.5269
NE+3.30	B259	154	DISX-COMB Max	1.55	0	1.2448	0	34.0863	0	1.6988
NE+3.30	B259	154	DISY-COMB Max	0	0	1.0931	0	3.2995	0	0.1086
NE+3.30	B259	154	DISY-COMB Max	0.1409	0	1.0931	0	3.2995	0	0.085
NE+3.30	B259	154	DISY-COMB Max	0.2818	0	1.0931	0	3.2995	0	0.2238
NE+3.30	B259	154	DISY-COMB Max	0.4227	0	1.0931	0	3.2995	0	0.3747
NE+3.30	B259	154	DISY-COMB Max	0.5636	0	1.0931	0	3.2995	0	0.5275
NE+3.30	B259	154	DISY-COMB Max	0.7045	0	1.0931	0	3.2995	0	0.6808
NE+3.30	B259	154	DISY-COMB Max	0.8455	0	1.0931	0	3.2995	0	0.8343
NE+3.30	B259	154	DISY-COMB Max	0.9864	0	1.0931	0	3.2995	0	0.988
NE+3.30	B259	154	DISY-COMB Max	1.1273	0	1.0931	0	3.2995	0	1.1418
NE+3.30	B259	154	DISY-COMB Max	1.2682	0	1.0931	0	3.2995	0	1.2957
NE+3.30	B259	154	DISY-COMB Max	1.4091	0	1.0931	0	3.2995	0	1.4496
NE+3.30	B259	154	DISY-COMB Max	1.55	0	1.0931	0	3.2995	0	1.6035
NE+3.30	B259	154	B241	0	0	76.6358	0	-3.0906	0	1.5957
NE+3.30	B259	154	B241	0.1409	0	77.5893	0	-3.0906	0	-9.2661
NE+3.30	B259	154	B241	0.2818	0	78.8876	0	-3.0906	0	-20.2866
NE+3.30	B259	154	B241	0.4227	0	80.5305	0	-3.0906	0	-31.5143
NE+3.30	B259	154	B241	0.5636	0	82.5181	0	-3.0906	0	-42.9977
NE+3.30	B259	154	B241	0.7045	0	84.8504	0	-3.0906	0	-54.7856
NE+3.30	B259	154	B241	0.8455	0	87.5274	0	-3.0906	0	-66.9263
NE+3.30	B259	154	B241	0.9864	0	90.5076	0	-3.0906	0	-79.4679
NE+3.30	B259	154	B241	1.1273	0	93.2902	0	-3.0906	0	-92.4213
NE+3.30	B259	154	B241	1.2682	0	95.7282	0	-3.0906	0	-105.7426
NE+3.30	B259	154	B241	1.4091	0	97.8214	0	-3.0906	0	-119.3831
NE+3.30	B259	154	B241	1.55	0	99.57	0	-3.0906	0	-133.2942

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B259	154	B242	0	0	113.0492	0	-2.1275	0	2.7936
NE+3.30	B259	154	B242	0.1409	0	114.0253	0	-2.1275	0	-13.1977
NE+3.30	B259	154	B242	0.2818	0	115.6146	0	-2.1275	0	-29.3696
NE+3.30	B259	154	B242	0.4227	0	117.8171	0	-2.1275	0	-45.8088
NE+3.30	B259	154	B242	0.5636	0	120.6326	0	-2.1275	0	-62.6014
NE+3.30	B259	154	B242	0.7045	0	124.0613	0	-2.1275	0	-79.834
NE+3.30	B259	154	B242	0.8455	0	128.1032	0	-2.1275	0	-97.593
NE+3.30	B259	154	B242	0.9864	0	132.6844	0	-2.1275	0	-115.9634
NE+3.30	B259	154	B242	1.1273	0	136.9142	0	-2.1275	0	-134.9651
NE+3.30	B259	154	B242	1.2682	0	140.5308	0	-2.1275	0	-154.5195
NE+3.30	B259	154	B242	1.4091	0	143.5342	0	-2.1275	0	-174.5404
NE+3.30	B259	154	B242	1.55	0	145.9245	0	-2.1275	0	-194.9413
NE+3.30	B260	155	Pprop	0	0	17.9258	0	0.1965	0	0.1057
NE+3.30	B260	155	Pprop	0.1409	0	18.5284	0	0.1965	0	-2.4627
NE+3.30	B260	155	Pprop	0.2818	0	19.131	0	0.1965	0	-5.1159
NE+3.30	B260	155	Pprop	0.4227	0	19.7337	0	0.1965	0	-7.8541
NE+3.30	B260	155	Pprop	0.5636	0	20.3363	0	0.1965	0	-10.6773
NE+3.30	B260	155	Pprop	0.7045	0	20.939	0	0.1965	0	-13.5853
NE+3.30	B260	155	Pprop	0.8455	0	21.5416	0	0.1965	0	-16.5782
NE+3.30	B260	155	Pprop	0.9864	0	22.1442	0	0.1965	0	-19.6561
NE+3.30	B260	155	Pprop	1.1273	0	22.7469	0	0.1965	0	-22.8189
NE+3.30	B260	155	Pprop	1.2682	0	23.3495	0	0.1965	0	-26.0666
NE+3.30	B260	155	Pprop	1.4091	0	23.9522	0	0.1965	0	-29.3992
NE+3.30	B260	155	Pprop	1.55	0	24.5548	0	0.1965	0	-32.8167
NE+3.30	B260	155	Viva	0	0	16.8214	0	1.9205	0	-0.367
NE+3.30	B260	155	Viva	0.1409	0	16.8909	0	1.9205	0	-2.7406
NE+3.30	B260	155	Viva	0.2818	0	17.0994	0	1.9205	0	-5.1337
NE+3.30	B260	155	Viva	0.4227	0	17.4468	0	1.9205	0	-7.566
NE+3.30	B260	155	Viva	0.5636	0	17.9333	0	1.9205	0	-10.0571
NE+3.30	B260	155	Viva	0.7045	0	18.5587	0	1.9205	0	-12.6265
NE+3.30	B260	155	Viva	0.8455	0	19.3232	0	1.9205	0	-15.2938
NE+3.30	B260	155	Viva	0.9864	0	20.2099	0	1.9205	0	-18.0783
NE+3.30	B260	155	Viva	1.1273	0	21.0169	0	1.9205	0	-20.9846
NE+3.30	B260	155	Viva	1.2682	0	21.6849	0	1.9205	0	-23.9947
NE+3.30	B260	155	Viva	1.4091	0	22.214	0	1.9205	0	-27.0893
NE+3.30	B260	155	Viva	1.55	0	22.604	0	1.9205	0	-30.2485
NE+3.30	B260	155	Psup	0	0	32.1705	0	1.9584	0	-0.3057
NE+3.30	B260	155	Psup	0.1409	0	32.3034	0	1.9584	0	-4.8451
NE+3.30	B260	155	Psup	0.2818	0	32.7023	0	1.9584	0	-9.4219
NE+3.30	B260	155	Psup	0.4227	0	33.367	0	1.9584	0	-14.0737
NE+3.30	B260	155	Psup	0.5636	0	34.2977	0	1.9584	0	-18.8378
NE+3.30	B260	155	Psup	0.7045	0	35.4943	0	1.9584	0	-23.7519
NE+3.30	B260	155	Psup	0.8455	0	36.9567	0	1.9584	0	-28.8533
NE+3.30	B260	155	Psup	0.9864	0	38.6531	0	1.9584	0	-34.1789
NE+3.30	B260	155	Psup	1.1273	0	40.1971	0	1.9584	0	-39.7374

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B260	155	Psup	1.2682	0	41.4751	0	1.9584	0	-45.4947
NE+3.30	B260	155	Psup	1.4091	0	42.4873	0	1.9584	0	-51.4134
NE+3.30	B260	155	Psup	1.55	0	43.2335	0	1.9584	0	-57.4559
NE+3.30	B260	155	Viva.cub	0	0	-0.0064	0	-0.0188	0	0.0006
NE+3.30	B260	155	Viva.cub	0.1409	0	-0.0064	0	-0.0188	0	0.0015
NE+3.30	B260	155	Viva.cub	0.2818	0	-0.0064	0	-0.0188	0	0.0024
NE+3.30	B260	155	Viva.cub	0.4227	0	-0.0064	0	-0.0188	0	0.0033
NE+3.30	B260	155	Viva.cub	0.5636	0	-0.0064	0	-0.0188	0	0.0042
NE+3.30	B260	155	Viva.cub	0.7045	0	-0.0064	0	-0.0188	0	0.0051
NE+3.30	B260	155	Viva.cub	0.8455	0	-0.0064	0	-0.0188	0	0.006
NE+3.30	B260	155	Viva.cub	0.9864	0	-0.0064	0	-0.0188	0	0.0069
NE+3.30	B260	155	Viva.cub	1.1273	0	-0.0064	0	-0.0188	0	0.0078
NE+3.30	B260	155	Viva.cub	1.2682	0	-0.0064	0	-0.0188	0	0.0087
NE+3.30	B260	155	Viva.cub	1.4091	0	-0.0064	0	-0.0188	0	0.0096
NE+3.30	B260	155	Viva.cub	1.55	0	-0.0064	0	-0.0188	0	0.0105
NE+3.30	B260	155	DISX-COMB Max	0	0	9.5012	0	33.8889	0	0.717
NE+3.30	B260	155	DISX-COMB Max	0.1409	0	9.5012	0	33.8889	0	0.6358
NE+3.30	B260	155	DISX-COMB Max	0.2818	0	9.5012	0	33.8889	0	1.9696
NE+3.30	B260	155	DISX-COMB Max	0.4227	0	9.5012	0	33.8889	0	3.3074
NE+3.30	B260	155	DISX-COMB Max	0.5636	0	9.5012	0	33.8889	0	4.6458
NE+3.30	B260	155	DISX-COMB Max	0.7045	0	9.5012	0	33.8889	0	5.9844
NE+3.30	B260	155	DISX-COMB Max	0.8455	0	9.5012	0	33.8889	0	7.323
NE+3.30	B260	155	DISX-COMB Max	0.9864	0	9.5012	0	33.8889	0	8.6617
NE+3.30	B260	155	DISX-COMB Max	1.1273	0	9.5012	0	33.8889	0	10.0005
NE+3.30	B260	155	DISX-COMB Max	1.2682	0	9.5012	0	33.8889	0	11.3392
NE+3.30	B260	155	DISX-COMB Max	1.4091	0	9.5012	0	33.8889	0	12.678
NE+3.30	B260	155	DISX-COMB Max	1.55	0	9.5012	0	33.8889	0	14.0167
NE+3.30	B260	155	DISY-COMB Max	0	0	4.8917	0	3.2739	0	0.1046
NE+3.30	B260	155	DISY-COMB Max	0.1409	0	4.8917	0	3.2739	0	0.7184
NE+3.30	B260	155	DISY-COMB Max	0.2818	0	4.8917	0	3.2739	0	1.4041
NE+3.30	B260	155	DISY-COMB Max	0.4227	0	4.8917	0	3.2739	0	2.0921
NE+3.30	B260	155	DISY-COMB Max	0.5636	0	4.8917	0	3.2739	0	2.7808
NE+3.30	B260	155	DISY-COMB Max	0.7045	0	4.8917	0	3.2739	0	3.4697
NE+3.30	B260	155	DISY-COMB Max	0.8455	0	4.8917	0	3.2739	0	4.1588
NE+3.30	B260	155	DISY-COMB Max	0.9864	0	4.8917	0	3.2739	0	4.8479
NE+3.30	B260	155	DISY-COMB Max	1.1273	0	4.8917	0	3.2739	0	5.537
NE+3.30	B260	155	DISY-COMB Max	1.2682	0	4.8917	0	3.2739	0	6.2262
NE+3.30	B260	155	DISY-COMB Max	1.4091	0	4.8917	0	3.2739	0	6.9154
NE+3.30	B260	155	DISY-COMB Max	1.55	0	4.8917	0	3.2739	0	7.6046
NE+3.30	B260	155	B241	0	0	64.9396	0	2.7935	0	-0.2593
NE+3.30	B260	155	B241	0.1409	0	65.8931	0	2.7935	0	-9.473
NE+3.30	B260	155	B241	0.2818	0	67.1913	0	2.7935	0	-18.8454
NE+3.30	B260	155	B241	0.4227	0	68.8343	0	2.7935	0	-28.4249
NE+3.30	B260	155	B241	0.5636	0	70.8219	0	2.7935	0	-38.2603
NE+3.30	B260	155	B241	0.7045	0	73.1542	0	2.7935	0	-48.4

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B260	155	B241	0.8455	0	75.8312	0	2.7935	0	-58.8927
NE+3.30	B260	155	B241	0.9864	0	78.8114	0	2.7935	0	-69.7861
NE+3.30	B260	155	B241	1.1273	0	81.594	0	2.7935	0	-81.0915
NE+3.30	B260	155	B241	1.2682	0	84.032	0	2.7935	0	-92.7646
NE+3.30	B260	155	B241	1.4091	0	86.1252	0	2.7935	0	-104.757
NE+3.30	B260	155	B241	1.55	0	87.8737	0	2.7935	0	-117.0201
NE+3.30	B260	155	B242	0	0	82.5735	0	5.4578	0	-0.8092
NE+3.30	B260	155	B242	0.1409	0	83.502	0	5.4578	0	-12.5039
NE+3.30	B260	155	B242	0.2818	0	84.9484	0	5.4578	0	-24.3659
NE+3.30	B260	155	B242	0.4227	0	86.9125	0	5.4578	0	-36.4682
NE+3.30	B260	155	B242	0.5636	0	89.3945	0	5.4578	0	-48.8837
NE+3.30	B260	155	B242	0.7045	0	92.3944	0	5.4578	0	-61.6855
NE+3.30	B260	155	B242	0.8455	0	95.912	0	5.4578	0	-74.9465
NE+3.30	B260	155	B242	0.9864	0	99.8852	0	5.4578	0	-88.7386
NE+3.30	B260	155	B242	1.1273	0	103.5616	0	5.4578	0	-103.0784
NE+3.30	B260	155	B242	1.2682	0	106.7201	0	5.4578	0	-117.8998
NE+3.30	B260	155	B242	1.4091	0	109.3608	0	5.4578	0	-133.1298
NE+3.30	B260	155	B242	1.55	0	111.4836	0	5.4578	0	-148.6953
NE+3.30	B261	156	Pprop	0	0	6.5204	0	1.3802	0	-0.3155
NE+3.30	B261	156	Pprop	0.1409	0	7.1231	0	1.3802	0	-1.2767
NE+3.30	B261	156	Pprop	0.2818	0	7.7257	0	1.3802	0	-2.3229
NE+3.30	B261	156	Pprop	0.4227	0	8.3283	0	1.3802	0	-3.4539
NE+3.30	B261	156	Pprop	0.5636	0	8.931	0	1.3802	0	-4.6699
NE+3.30	B261	156	Pprop	0.7045	0	9.5336	0	1.3802	0	-5.9709
NE+3.30	B261	156	Pprop	0.8455	0	10.1363	0	1.3802	0	-7.3567
NE+3.30	B261	156	Pprop	0.9864	0	10.7389	0	1.3802	0	-8.8274
NE+3.30	B261	156	Pprop	1.1273	0	11.3415	0	1.3802	0	-10.3831
NE+3.30	B261	156	Pprop	1.2682	0	11.9442	0	1.3802	0	-12.0237
NE+3.30	B261	156	Pprop	1.4091	0	12.5468	0	1.3802	0	-13.7492
NE+3.30	B261	156	Pprop	1.55	0	13.1495	0	1.3802	0	-15.5596
NE+3.30	B261	156	Viva	0	0	1.6549	0	-0.0293	0	-0.3494
NE+3.30	B261	156	Viva	0.1409	0	2.444	0	-0.0293	0	-0.6382
NE+3.30	B261	156	Viva	0.2818	0	3.233	0	-0.0293	0	-1.0382
NE+3.30	B261	156	Viva	0.4227	0	4.0221	0	-0.0293	0	-1.5493
NE+3.30	B261	156	Viva	0.5636	0	4.8112	0	-0.0293	0	-2.1717
NE+3.30	B261	156	Viva	0.7045	0	5.6003	0	-0.0293	0	-2.9052
NE+3.30	B261	156	Viva	0.8455	0	6.3894	0	-0.0293	0	-3.7499
NE+3.30	B261	156	Viva	0.9864	0	7.1785	0	-0.0293	0	-4.7059
NE+3.30	B261	156	Viva	1.1273	0	7.9676	0	-0.0293	0	-5.773
NE+3.30	B261	156	Viva	1.2682	0	8.7567	0	-0.0293	0	-6.9513
NE+3.30	B261	156	Viva	1.4091	0	9.5458	0	-0.0293	0	-8.2408
NE+3.30	B261	156	Viva	1.55	0	10.3349	0	-0.0293	0	-9.6414
NE+3.30	B261	156	Psup	0	0	2.5768	0	-0.9255	0	-0.5238
NE+3.30	B261	156	Psup	0.1409	0	3.6336	0	-0.9255	0	-0.9613
NE+3.30	B261	156	Psup	0.2818	0	4.6903	0	-0.9255	0	-1.5478

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B261	156	Psup	0.4227	0	5.7471	0	-0.9255	0	-2.2831
NE+3.30	B261	156	Psup	0.5636	0	6.8038	0	-0.9255	0	-3.1674
NE+3.30	B261	156	Psup	0.7045	0	7.8606	0	-0.9255	0	-4.2006
NE+3.30	B261	156	Psup	0.8455	0	8.9173	0	-0.9255	0	-5.3827
NE+3.30	B261	156	Psup	0.9864	0	9.9741	0	-0.9255	0	-6.7136
NE+3.30	B261	156	Psup	1.1273	0	11.0308	0	-0.9255	0	-8.1935
NE+3.30	B261	156	Psup	1.2682	0	12.0876	0	-0.9255	0	-9.8223
NE+3.30	B261	156	Psup	1.4091	0	13.1443	0	-0.9255	0	-11.6
NE+3.30	B261	156	Psup	1.55	0	14.2011	0	-0.9255	0	-13.5266
NE+3.30	B261	156	Viva.cub	0	0	-0.0237	0	-0.0418	0	-0.0003
NE+3.30	B261	156	Viva.cub	0.1409	0	-0.0237	0	-0.0418	0	0.0031
NE+3.30	B261	156	Viva.cub	0.2818	0	-0.0237	0	-0.0418	0	0.0064
NE+3.30	B261	156	Viva.cub	0.4227	0	-0.0237	0	-0.0418	0	0.0098
NE+3.30	B261	156	Viva.cub	0.5636	0	-0.0237	0	-0.0418	0	0.0131
NE+3.30	B261	156	Viva.cub	0.7045	0	-0.0237	0	-0.0418	0	0.0164
NE+3.30	B261	156	Viva.cub	0.8455	0	-0.0237	0	-0.0418	0	0.0198
NE+3.30	B261	156	Viva.cub	0.9864	0	-0.0237	0	-0.0418	0	0.0231
NE+3.30	B261	156	Viva.cub	1.1273	0	-0.0237	0	-0.0418	0	0.0265
NE+3.30	B261	156	Viva.cub	1.2682	0	-0.0237	0	-0.0418	0	0.0298
NE+3.30	B261	156	Viva.cub	1.4091	0	-0.0237	0	-0.0418	0	0.0332
NE+3.30	B261	156	Viva.cub	1.55	0	-0.0237	0	-0.0418	0	0.0365
NE+3.30	B261	156	DISX-COMB Max	0	0	1.6627	0	35.9112	0	0.3648
NE+3.30	B261	156	DISX-COMB Max	0.1409	0	1.6627	0	35.9112	0	0.4905
NE+3.30	B261	156	DISX-COMB Max	0.2818	0	1.6627	0	35.9112	0	0.6766
NE+3.30	B261	156	DISX-COMB Max	0.4227	0	1.6627	0	35.9112	0	0.8859
NE+3.30	B261	156	DISX-COMB Max	0.5636	0	1.6627	0	35.9112	0	1.1053
NE+3.30	B261	156	DISX-COMB Max	0.7045	0	1.6627	0	35.9112	0	1.3298
NE+3.30	B261	156	DISX-COMB Max	0.8455	0	1.6627	0	35.9112	0	1.5572
NE+3.30	B261	156	DISX-COMB Max	0.9864	0	1.6627	0	35.9112	0	1.7863
NE+3.30	B261	156	DISX-COMB Max	1.1273	0	1.6627	0	35.9112	0	2.0167
NE+3.30	B261	156	DISX-COMB Max	1.2682	0	1.6627	0	35.9112	0	2.2478
NE+3.30	B261	156	DISX-COMB Max	1.4091	0	1.6627	0	35.9112	0	2.4796
NE+3.30	B261	156	DISX-COMB Max	1.55	0	1.6627	0	35.9112	0	2.7118
NE+3.30	B261	156	DISY-COMB Max	0	0	8.8185	0	7.6438	0	0.5399
NE+3.30	B261	156	DISY-COMB Max	0.1409	0	8.8185	0	7.6438	0	1.6573
NE+3.30	B261	156	DISY-COMB Max	0.2818	0	8.8185	0	7.6438	0	2.8792
NE+3.30	B261	156	DISY-COMB Max	0.4227	0	8.8185	0	7.6438	0	4.1135
NE+3.30	B261	156	DISY-COMB Max	0.5636	0	8.8185	0	7.6438	0	5.3517
NE+3.30	B261	156	DISY-COMB Max	0.7045	0	8.8185	0	7.6438	0	6.5915
NE+3.30	B261	156	DISY-COMB Max	0.8455	0	8.8185	0	7.6438	0	7.8322
NE+3.30	B261	156	DISY-COMB Max	0.9864	0	8.8185	0	7.6438	0	9.0735
NE+3.30	B261	156	DISY-COMB Max	1.1273	0	8.8185	0	7.6438	0	10.315
NE+3.30	B261	156	DISY-COMB Max	1.2682	0	8.8185	0	7.6438	0	11.5568
NE+3.30	B261	156	DISY-COMB Max	1.4091	0	8.8185	0	7.6438	0	12.7987
NE+3.30	B261	156	DISY-COMB Max	1.55	0	8.8185	0	7.6438	0	14.0408

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B261	156	B241	0	0	11.7927	0	0.5893	0	-1.0879
NE+3.30	B261	156	B241	0.1409	0	13.9438	0	0.5893	0	-2.9012
NE+3.30	B261	156	B241	0.2818	0	16.0948	0	0.5893	0	-5.0175
NE+3.30	B261	156	B241	0.4227	0	18.2459	0	0.5893	0	-7.437
NE+3.30	B261	156	B241	0.5636	0	20.3969	0	0.5893	0	-10.1595
NE+3.30	B261	156	B241	0.7045	0	22.548	0	0.5893	0	-13.1852
NE+3.30	B261	156	B241	0.8455	0	24.6991	0	0.5893	0	-16.514
NE+3.30	B261	156	B241	0.9864	0	26.8501	0	0.5893	0	-20.1458
NE+3.30	B261	156	B241	1.1273	0	29.0012	0	0.5893	0	-24.0808
NE+3.30	B261	156	B241	1.2682	0	31.1522	0	0.5893	0	-28.3189
NE+3.30	B261	156	B241	1.4091	0	33.3033	0	0.5893	0	-32.8601
NE+3.30	B261	156	B241	1.55	0	35.4544	0	0.5893	0	-37.7044
NE+3.30	B261	156	B242	0	0	12.7439	0	0.4373	0	-1.4917
NE+3.30	B261	156	B242	0.1409	0	15.8503	0	0.4373	0	-3.5063
NE+3.30	B261	156	B242	0.2818	0	18.9566	0	0.4373	0	-5.9586
NE+3.30	B261	156	B242	0.4227	0	22.0629	0	0.4373	0	-8.8486
NE+3.30	B261	156	B242	0.5636	0	25.1692	0	0.4373	0	-12.1763
NE+3.30	B261	156	B242	0.7045	0	28.2755	0	0.4373	0	-15.9417
NE+3.30	B261	156	B242	0.8455	0	31.3818	0	0.4373	0	-20.1448
NE+3.30	B261	156	B242	0.9864	0	34.4881	0	0.4373	0	-24.7857
NE+3.30	B261	156	B242	1.1273	0	37.5944	0	0.4373	0	-29.8642
NE+3.30	B261	156	B242	1.2682	0	40.7008	0	0.4373	0	-35.3805
NE+3.30	B261	156	B242	1.4091	0	43.8071	0	0.4373	0	-41.3344
NE+3.30	B261	156	B242	1.55	0	46.9134	0	0.4373	0	-47.7261
NE+3.30	B262	157	Pprop	0	0	-4.7587	0	0.319	0	-1.09
NE+3.30	B262	157	Pprop	0.3391	0	-3.7919	0	0.319	0	0.3597
NE+3.30	B262	157	Pprop	0.6782	0	-2.8251	0	0.319	0	1.4816
NE+3.30	B262	157	Pprop	1.0173	0	-1.8582	0	0.319	0	2.2756
NE+3.30	B262	157	Pprop	1.3564	0	-0.8914	0	0.319	0	2.7418
NE+3.30	B262	157	Pprop	1.6955	0	0.0754	0	0.319	0	2.8802
NE+3.30	B262	157	Pprop	2.0345	0	1.0422	0	0.319	0	2.6907
NE+3.30	B262	157	Pprop	2.3736	0	2.009	0	0.319	0	2.1734
NE+3.30	B262	157	Pprop	2.7127	0	2.9758	0	0.319	0	1.3282
NE+3.30	B262	157	Pprop	3.0518	0	3.9427	0	0.319	0	0.1552
NE+3.30	B262	157	Pprop	3.3909	0	4.9095	0	0.319	0	-1.3456
NE+3.30	B262	157	Pprop	3.73	0	5.8763	0	0.319	0	-3.1743
NE+3.30	B262	157	Viva	0	0	-5.3779	0	0.3118	0	-0.9818
NE+3.30	B262	157	Viva	0.3391	0	-5.0904	0	0.3118	0	0.8093
NE+3.30	B262	157	Viva	0.6782	0	-4.228	0	0.3118	0	2.4054
NE+3.30	B262	157	Viva	1.0173	0	-2.8067	0	0.3118	0	3.6121
NE+3.30	B262	157	Viva	1.3564	0	-1.2172	0	0.3118	0	4.2943
NE+3.30	B262	157	Viva	1.6955	0	0.3723	0	0.3118	0	4.4375
NE+3.30	B262	157	Viva	2.0345	0	1.9618	0	0.3118	0	4.0418
NE+3.30	B262	157	Viva	2.3736	0	3.5513	0	0.3118	0	3.1071
NE+3.30	B262	157	Viva	2.7127	0	5.1408	0	0.3118	0	1.6334

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B262	157	Viva	3.0518	0	6.5622	0	0.3118	0	-0.3648
NE+3.30	B262	157	Viva	3.3909	0	7.4245	0	0.3118	0	-2.7524
NE+3.30	B262	157	Viva	3.73	0	7.712	0	0.3118	0	-5.335
NE+3.30	B262	157	Psup	0	0	-7.2149	0	0.4123	0	-1.3391
NE+3.30	B262	157	Psup	0.3391	0	-6.8299	0	0.4123	0	1.0639
NE+3.30	B262	157	Psup	0.6782	0	-5.675	0	0.4123	0	3.2058
NE+3.30	B262	157	Psup	1.0173	0	-3.7715	0	0.4123	0	4.8261
NE+3.30	B262	157	Psup	1.3564	0	-1.6429	0	0.4123	0	5.7441
NE+3.30	B262	157	Psup	1.6955	0	0.4858	0	0.4123	0	5.9403
NE+3.30	B262	157	Psup	2.0345	0	2.6144	0	0.4123	0	5.4147
NE+3.30	B262	157	Psup	2.3736	0	4.743	0	0.4123	0	4.1672
NE+3.30	B262	157	Psup	2.7127	0	6.8717	0	0.4123	0	2.198
NE+3.30	B262	157	Psup	3.0518	0	8.7752	0	0.4123	0	-0.4736
NE+3.30	B262	157	Psup	3.3909	0	9.9301	0	0.4123	0	-3.6667
NE+3.30	B262	157	Psup	3.73	0	10.315	0	0.4123	0	-7.1209
NE+3.30	B262	157	Viva.cub	0	0	-0.0372	0	-0.0071	0	-0.046
NE+3.30	B262	157	Viva.cub	0.3391	0	-0.0372	0	-0.0071	0	-0.0334
NE+3.30	B262	157	Viva.cub	0.6782	0	-0.0372	0	-0.0071	0	-0.0208
NE+3.30	B262	157	Viva.cub	1.0173	0	-0.0372	0	-0.0071	0	-0.0082
NE+3.30	B262	157	Viva.cub	1.3564	0	-0.0372	0	-0.0071	0	0.0044
NE+3.30	B262	157	Viva.cub	1.6955	0	-0.0372	0	-0.0071	0	0.017
NE+3.30	B262	157	Viva.cub	2.0345	0	-0.0372	0	-0.0071	0	0.0297
NE+3.30	B262	157	Viva.cub	2.3736	0	-0.0372	0	-0.0071	0	0.0423
NE+3.30	B262	157	Viva.cub	2.7127	0	-0.0372	0	-0.0071	0	0.0549
NE+3.30	B262	157	Viva.cub	3.0518	0	-0.0372	0	-0.0071	0	0.0675
NE+3.30	B262	157	Viva.cub	3.3909	0	-0.0372	0	-0.0071	0	0.0801
NE+3.30	B262	157	Viva.cub	3.73	0	-0.0372	0	-0.0071	0	0.0927
NE+3.30	B262	157	DISX-COMB Max	0	0	7.6367	0	0.6759	0	18.9019
NE+3.30	B262	157	DISX-COMB Max	0.3391	0	7.6367	0	0.6759	0	16.3706
NE+3.30	B262	157	DISX-COMB Max	0.6782	0	7.6367	0	0.6759	0	13.8608
NE+3.30	B262	157	DISX-COMB Max	1.0173	0	7.6367	0	0.6759	0	11.3868
NE+3.30	B262	157	DISX-COMB Max	1.3564	0	7.6367	0	0.6759	0	8.9781
NE+3.30	B262	157	DISX-COMB Max	1.6955	0	7.6367	0	0.6759	0	6.7057
NE+3.30	B262	157	DISX-COMB Max	2.0345	0	7.6367	0	0.6759	0	4.7685
NE+3.30	B262	157	DISX-COMB Max	2.3736	0	7.6367	0	0.6759	0	3.7312
NE+3.30	B262	157	DISX-COMB Max	2.7127	0	7.6367	0	0.6759	0	4.303
NE+3.30	B262	157	DISX-COMB Max	3.0518	0	7.6367	0	0.6759	0	6.0434
NE+3.30	B262	157	DISX-COMB Max	3.3909	0	7.6367	0	0.6759	0	8.2426
NE+3.30	B262	157	DISX-COMB Max	3.73	0	7.6367	0	0.6759	0	10.6193
NE+3.30	B262	157	DISY-COMB Max	0	0	3.6025	0	1.8425	0	5.3088
NE+3.30	B262	157	DISY-COMB Max	0.3391	0	3.6025	0	1.8425	0	4.1012
NE+3.30	B262	157	DISY-COMB Max	0.6782	0	3.6025	0	1.8425	0	2.9054
NE+3.30	B262	157	DISY-COMB Max	1.0173	0	3.6025	0	1.8425	0	1.7455
NE+3.30	B262	157	DISY-COMB Max	1.3564	0	3.6025	0	1.8425	0	0.7982
NE+3.30	B262	157	DISY-COMB Max	1.6955	0	3.6025	0	1.8425	0	1.1008

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B262	157	DISY-COMB Max	2.0345	0	3.6025	0	1.8425	0	2.1843
NE+3.30	B262	157	DISY-COMB Max	2.3736	0	3.6025	0	1.8425	0	3.3638
NE+3.30	B262	157	DISY-COMB Max	2.7127	0	3.6025	0	1.8425	0	4.5654
NE+3.30	B262	157	DISY-COMB Max	3.0518	0	3.6025	0	1.8425	0	5.7755
NE+3.30	B262	157	DISY-COMB Max	3.3909	0	3.6025	0	1.8425	0	6.9895
NE+3.30	B262	157	DISY-COMB Max	3.73	0	3.6025	0	1.8425	0	8.2058
NE+3.30	B262	157	B241	0	0	-15.5213	0	0.9479	0	-3.1489
NE+3.30	B262	157	B241	0.3391	0	-13.769	0	0.9479	0	1.8454
NE+3.30	B262	157	B241	0.6782	0	-11.0186	0	0.9479	0	6.0762
NE+3.30	B262	157	B241	1.0173	0	-7.2979	0	0.9479	0	9.2059
NE+3.30	B262	157	B241	1.3564	0	-3.2852	0	0.9479	0	11.0002
NE+3.30	B262	157	B241	1.6955	0	0.7274	0	0.9479	0	11.4339
NE+3.30	B262	157	B241	2.0345	0	4.74	0	0.9479	0	10.5069
NE+3.30	B262	157	B241	2.3736	0	8.7527	0	0.9479	0	8.2193
NE+3.30	B262	157	B241	2.7127	0	12.7653	0	0.9479	0	4.571
NE+3.30	B262	157	B241	3.0518	0	16.4861	0	0.9479	0	-0.4127
NE+3.30	B262	157	B241	3.3909	0	19.2364	0	0.9479	0	-6.4975
NE+3.30	B262	157	B241	3.73	0	20.9888	0	0.9479	0	-13.3457
NE+3.30	B262	157	B242	0	0	-21.9271	0	1.3079	0	-4.293
NE+3.30	B262	157	B242	0.3391	0	-19.9652	0	1.3079	0	2.8598
NE+3.30	B262	157	B242	0.6782	0	-16.228	0	1.3079	0	9.0464
NE+3.30	B262	157	B242	1.0173	0	-10.7646	0	1.3079	0	13.666
NE+3.30	B262	157	B242	1.3564	0	-4.782	0	1.3079	0	16.3019
NE+3.30	B262	157	B242	1.6955	0	1.2006	0	1.3079	0	16.9091
NE+3.30	B262	157	B242	2.0345	0	7.1832	0	1.3079	0	15.4876
NE+3.30	B262	157	B242	2.3736	0	13.1658	0	1.3079	0	12.0376
NE+3.30	B262	157	B242	2.7127	0	19.1483	0	1.3079	0	6.5588
NE+3.30	B262	157	B242	3.0518	0	24.6118	0	1.3079	0	-0.9036
NE+3.30	B262	157	B242	3.3909	0	28.349	0	1.3079	0	-9.9331
NE+3.30	B262	157	B242	3.73	0	30.3109	0	1.3079	0	-19.9288
NE+3.30	B263	250	Pprop	0	0	-5.3833	0	0.3286	0	-3.6139
NE+3.30	B263	250	Pprop	0.4545	0	-4.0873	0	0.3286	0	-1.4615
NE+3.30	B263	250	Pprop	0.9091	0	-2.7913	0	0.3286	0	0.1019
NE+3.30	B263	250	Pprop	1.3636	0	-1.4953	0	0.3286	0	1.0761
NE+3.30	B263	250	Pprop	1.8182	0	-0.1993	0	0.3286	0	1.4612
NE+3.30	B263	250	Pprop	2.2727	0	1.0967	0	0.3286	0	1.2573
NE+3.30	B263	250	Pprop	2.7273	0	2.3927	0	0.3286	0	0.4642
NE+3.30	B263	250	Pprop	3.1818	0	3.6887	0	0.3286	0	-0.9179
NE+3.30	B263	250	Pprop	3.6364	0	4.9847	0	0.3286	0	-2.8891
NE+3.30	B263	250	Pprop	4.0909	0	6.2807	0	0.3286	0	-5.4494
NE+3.30	B263	250	Pprop	4.5455	0	7.5767	0	0.3286	0	-8.5988
NE+3.30	B263	250	Pprop	5	0	8.8727	0	0.3286	0	-12.3373
NE+3.30	B263	250	Viva	0	0	-6.5199	0	0.4736	0	-5.5203
NE+3.30	B263	250	Viva	0.4545	0	-6.0034	0	0.4736	0	-2.635
NE+3.30	B263	250	Viva	0.9091	0	-4.4538	0	0.4736	0	-0.2192

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B263	250	Viva	1.3636	0	-2.3251	0	0.4736	0	1.3219
NE+3.30	B263	250	Viva	1.8182	0	-0.1944	0	0.4736	0	1.8945
NE+3.30	B263	250	Viva	2.2727	0	1.9362	0	0.4736	0	1.4987
NE+3.30	B263	250	Viva	2.7273	0	4.0669	0	0.4736	0	0.1343
NE+3.30	B263	250	Viva	3.1818	0	6.1976	0	0.4736	0	-2.1985
NE+3.30	B263	250	Viva	3.6364	0	8.3283	0	0.4736	0	-5.4999
NE+3.30	B263	250	Viva	4.0909	0	10.4569	0	0.4736	0	-9.7697
NE+3.30	B263	250	Viva	4.5455	0	12.0065	0	0.4736	0	-14.9141
NE+3.30	B263	250	Viva	5	0	12.5231	0	0.4736	0	-20.5282
NE+3.30	B263	250	Psup	0	0	-8.8541	0	0.5785	0	-7.358
NE+3.30	B263	250	Psup	0.4545	0	-8.1624	0	0.5785	0	-3.4383
NE+3.30	B263	250	Psup	0.9091	0	-6.0872	0	0.5785	0	-0.1473
NE+3.30	B263	250	Psup	1.3636	0	-3.2365	0	0.5785	0	1.9723
NE+3.30	B263	250	Psup	1.8182	0	-0.383	0	0.5785	0	2.7949
NE+3.30	B263	250	Psup	2.2727	0	2.4704	0	0.5785	0	2.3205
NE+3.30	B263	250	Psup	2.7273	0	5.3238	0	0.5785	0	0.5491
NE+3.30	B263	250	Psup	3.1818	0	8.1772	0	0.5785	0	-2.5193
NE+3.30	B263	250	Psup	3.6364	0	11.0306	0	0.5785	0	-6.8847
NE+3.30	B263	250	Psup	4.0909	0	13.8813	0	0.5785	0	-12.5471
NE+3.30	B263	250	Psup	4.5455	0	15.9565	0	0.5785	0	-19.3808
NE+3.30	B263	250	Psup	5	0	16.6482	0	0.5785	0	-26.8434
NE+3.30	B263	250	Viva.cub	0	0	0.0148	0	0.0017	0	0.0707
NE+3.30	B263	250	Viva.cub	0.4545	0	0.0148	0	0.0017	0	0.064
NE+3.30	B263	250	Viva.cub	0.9091	0	0.0148	0	0.0017	0	0.0573
NE+3.30	B263	250	Viva.cub	1.3636	0	0.0148	0	0.0017	0	0.0506
NE+3.30	B263	250	Viva.cub	1.8182	0	0.0148	0	0.0017	0	0.0439
NE+3.30	B263	250	Viva.cub	2.2727	0	0.0148	0	0.0017	0	0.0371
NE+3.30	B263	250	Viva.cub	2.7273	0	0.0148	0	0.0017	0	0.0304
NE+3.30	B263	250	Viva.cub	3.1818	0	0.0148	0	0.0017	0	0.0237
NE+3.30	B263	250	Viva.cub	3.6364	0	0.0148	0	0.0017	0	0.017
NE+3.30	B263	250	Viva.cub	4.0909	0	0.0148	0	0.0017	0	0.0103
NE+3.30	B263	250	Viva.cub	4.5455	0	0.0148	0	0.0017	0	0.0036
NE+3.30	B263	250	Viva.cub	5	0	0.0148	0	0.0017	0	-0.0031
NE+3.30	B263	250	DISX-COMB Max	0	0	6.428	0	0.3999	0	14.6824
NE+3.30	B263	250	DISX-COMB Max	0.4545	0	6.428	0	0.3999	0	11.7642
NE+3.30	B263	250	DISX-COMB Max	0.9091	0	6.428	0	0.3999	0	8.8485
NE+3.30	B263	250	DISX-COMB Max	1.3636	0	6.428	0	0.3999	0	5.9389
NE+3.30	B263	250	DISX-COMB Max	1.8182	0	6.428	0	0.3999	0	3.0526
NE+3.30	B263	250	DISX-COMB Max	2.2727	0	6.428	0	0.3999	0	0.6636
NE+3.30	B263	250	DISX-COMB Max	2.7273	0	6.428	0	0.3999	0	2.9388
NE+3.30	B263	250	DISX-COMB Max	3.1818	0	6.428	0	0.3999	0	5.823
NE+3.30	B263	250	DISX-COMB Max	3.6364	0	6.428	0	0.3999	0	8.7322
NE+3.30	B263	250	DISX-COMB Max	4.0909	0	6.428	0	0.3999	0	11.6478
NE+3.30	B263	250	DISX-COMB Max	4.5455	0	6.428	0	0.3999	0	14.5659
NE+3.30	B263	250	DISX-COMB Max	5	0	6.428	0	0.3999	0	17.4852

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B263	250	DISY-COMB Max	0	0	1.1549	0	0.887	0	5.2998
NE+3.30	B263	250	DISY-COMB Max	0.4545	0	1.1549	0	0.887	0	4.7936
NE+3.30	B263	250	DISY-COMB Max	0.9091	0	1.1549	0	0.887	0	4.2919
NE+3.30	B263	250	DISY-COMB Max	1.3636	0	1.1549	0	0.887	0	3.7966
NE+3.30	B263	250	DISY-COMB Max	1.8182	0	1.1549	0	0.887	0	3.3103
NE+3.30	B263	250	DISY-COMB Max	2.2727	0	1.1549	0	0.887	0	2.8379
NE+3.30	B263	250	DISY-COMB Max	2.7273	0	1.1549	0	0.887	0	2.3875
NE+3.30	B263	250	DISY-COMB Max	3.1818	0	1.1549	0	0.887	0	1.9743
NE+3.30	B263	250	DISY-COMB Max	3.6364	0	1.1549	0	0.887	0	1.6268
NE+3.30	B263	250	DISY-COMB Max	4.0909	0	1.1549	0	0.887	0	1.3952
NE+3.30	B263	250	DISY-COMB Max	4.5455	0	1.1549	0	0.887	0	1.3408
NE+3.30	B263	250	DISY-COMB Max	5	0	1.1549	0	0.887	0	1.4832
NE+3.30	B263	250	B241	0	0	-18.4559	0	1.1759	0	-14.2229
NE+3.30	B263	250	B241	0.4545	0	-15.8792	0	1.1759	0	-6.3515
NE+3.30	B263	250	B241	0.9091	0	-11.5091	0	1.1759	0	-0.0589
NE+3.30	B263	250	B241	1.3636	0	-6.1338	0	1.1759	0	3.9516
NE+3.30	B263	250	B241	1.8182	0	-0.7549	0	1.1759	0	5.5172
NE+3.30	B263	250	B241	2.2727	0	4.624	0	1.1759	0	4.6378
NE+3.30	B263	250	B241	2.7273	0	10.0028	0	1.1759	0	1.3136
NE+3.30	B263	250	B241	3.1818	0	15.3817	0	1.1759	0	-4.4556
NE+3.30	B263	250	B241	3.6364	0	20.7605	0	1.1759	0	-12.6698
NE+3.30	B263	250	B241	4.0909	0	26.1359	0	1.1759	0	-23.3288
NE+3.30	B263	250	B241	4.5455	0	30.506	0	1.1759	0	-36.2699
NE+3.30	B263	250	B241	5	0	33.0827	0	1.1759	0	-50.7898
NE+3.30	B263	250	B242	0	0	-26.2438	0	1.7666	0	-20.9882
NE+3.30	B263	250	B242	0.4545	0	-23.2088	0	1.7666	0	-9.6281
NE+3.30	B263	250	B242	0.9091	0	-16.9837	0	1.7666	0	-0.3726
NE+3.30	B263	250	B242	1.3636	0	-8.9703	0	1.7666	0	5.5274
NE+3.30	B263	250	B242	1.8182	0	-0.9508	0	1.7666	0	7.7822
NE+3.30	B263	250	B242	2.2727	0	7.0687	0	1.7666	0	6.3917
NE+3.30	B263	250	B242	2.7273	0	15.0883	0	1.7666	0	1.356
NE+3.30	B263	250	B242	3.1818	0	23.1078	0	1.7666	0	-7.3249
NE+3.30	B263	250	B242	3.6364	0	31.1274	0	1.7666	0	-19.6511
NE+3.30	B263	250	B242	4.0909	0	39.1407	0	1.7666	0	-35.6225
NE+3.30	B263	250	B242	4.5455	0	45.3658	0	1.7666	0	-54.9493
NE+3.30	B263	250	B242	5	0	48.4009	0	1.7666	0	-76.3808
NE+3.30	B264	514	Pprop	0	0	-11.5521	0	0.1074	0	-13.0462
NE+3.30	B264	514	Pprop	0.7936	0	-9.2893	0	0.1074	0	-4.776
NE+3.30	B264	514	Pprop	1.5873	0	-7.0265	0	0.1074	0	1.6984
NE+3.30	B264	514	Pprop	2.3809	0	-4.7637	0	0.1074	0	6.3769
NE+3.30	B264	514	Pprop	3.1745	0	-2.5008	0	0.1074	0	9.2596
NE+3.30	B264	514	Pprop	3.9682	0	-0.238	0	0.1074	0	10.3465
NE+3.30	B264	514	Pprop	4.7618	0	2.0248	0	0.1074	0	9.6374
NE+3.30	B264	514	Pprop	5.5555	0	4.2876	0	0.1074	0	7.1325
NE+3.30	B264	514	Pprop	6.3491	0	6.5504	0	0.1074	0	2.8318

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B264	514	Pprop	7.1427	0	8.8132	0	0.1074	0	-3.2648
NE+3.30	B264	514	Pprop	7.9364	0	11.0761	0	0.1074	0	-11.1572
NE+3.30	B264	514	Pprop	8.73	0	13.3389	0	0.1074	0	-20.8455
NE+3.30	B264	514	Viva	0	0	-16.922	0	0.2083	0	-21.0156
NE+3.30	B264	514	Viva	0.7936	0	-15.3474	0	0.2083	0	-8.0023
NE+3.30	B264	514	Viva	1.5873	0	-11.6789	0	0.2083	0	2.7403
NE+3.30	B264	514	Viva	2.3809	0	-7.9588	0	0.2083	0	10.5329
NE+3.30	B264	514	Viva	3.1745	0	-4.2386	0	0.2083	0	15.373
NE+3.30	B264	514	Viva	3.9682	0	-0.5184	0	0.2083	0	17.2606
NE+3.30	B264	514	Viva	4.7618	0	3.2018	0	0.2083	0	16.1958
NE+3.30	B264	514	Viva	5.5555	0	6.9219	0	0.2083	0	12.1786
NE+3.30	B264	514	Viva	6.3491	0	10.6421	0	0.2083	0	5.2089
NE+3.30	B264	514	Viva	7.1427	0	14.3623	0	0.2083	0	-4.7133
NE+3.30	B264	514	Viva	7.9364	0	18.0307	0	0.2083	0	-17.5855
NE+3.30	B264	514	Viva	8.73	0	19.6053	0	0.2083	0	-32.7284
NE+3.30	B264	514	Psup	0	0	-22.3586	0	0.1378	0	-27.2992
NE+3.30	B264	514	Psup	0.7936	0	-20.2498	0	0.1378	0	-10.1125
NE+3.30	B264	514	Psup	1.5873	0	-15.337	0	0.1378	0	4.0332
NE+3.30	B264	514	Psup	2.3809	0	-10.355	0	0.1378	0	14.2283
NE+3.30	B264	514	Psup	3.1745	0	-5.3729	0	0.1378	0	20.4694
NE+3.30	B264	514	Psup	3.9682	0	-0.3909	0	0.1378	0	22.7566
NE+3.30	B264	514	Psup	4.7618	0	4.5912	0	0.1378	0	21.0898
NE+3.30	B264	514	Psup	5.5555	0	9.5732	0	0.1378	0	15.4691
NE+3.30	B264	514	Psup	6.3491	0	14.5553	0	0.1378	0	5.8945
NE+3.30	B264	514	Psup	7.1427	0	19.5373	0	0.1378	0	-7.634
NE+3.30	B264	514	Psup	7.9364	0	24.4501	0	0.1378	0	-25.1132
NE+3.30	B264	514	Psup	8.73	0	26.5589	0	0.1378	0	-45.6334
NE+3.30	B264	514	Viva.cub	0	0	-0.0041	0	0.0001	0	-0.0217
NE+3.30	B264	514	Viva.cub	0.7936	0	-0.0041	0	0.0001	0	-0.0184
NE+3.30	B264	514	Viva.cub	1.5873	0	-0.0041	0	0.0001	0	-0.0151
NE+3.30	B264	514	Viva.cub	2.3809	0	-0.0041	0	0.0001	0	-0.0119
NE+3.30	B264	514	Viva.cub	3.1745	0	-0.0041	0	0.0001	0	-0.0086
NE+3.30	B264	514	Viva.cub	3.9682	0	-0.0041	0	0.0001	0	-0.0053
NE+3.30	B264	514	Viva.cub	4.7618	0	-0.0041	0	0.0001	0	-0.002
NE+3.30	B264	514	Viva.cub	5.5555	0	-0.0041	0	0.0001	0	0.0013
NE+3.30	B264	514	Viva.cub	6.3491	0	-0.0041	0	0.0001	0	0.0045
NE+3.30	B264	514	Viva.cub	7.1427	0	-0.0041	0	0.0001	0	0.0078
NE+3.30	B264	514	Viva.cub	7.9364	0	-0.0041	0	0.0001	0	0.0111
NE+3.30	B264	514	Viva.cub	8.73	0	-0.0041	0	0.0001	0	0.0144
NE+3.30	B264	514	DISX-COMB Max	0	0	4.0733	0	0.635	0	16.049
NE+3.30	B264	514	DISX-COMB Max	0.7936	0	4.0733	0	0.635	0	12.8182
NE+3.30	B264	514	DISX-COMB Max	1.5873	0	4.0733	0	0.635	0	9.5888
NE+3.30	B264	514	DISX-COMB Max	2.3809	0	4.0733	0	0.635	0	6.3628
NE+3.30	B264	514	DISX-COMB Max	3.1745	0	4.0733	0	0.635	0	3.1507
NE+3.30	B264	514	DISX-COMB Max	3.9682	0	4.0733	0	0.635	0	0.519

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B264	514	DISX-COMB Max	4.7618	0	4.0733	0	0.635	0	3.3932
NE+3.30	B264	514	DISX-COMB Max	5.5555	0	4.0733	0	0.635	0	6.6075
NE+3.30	B264	514	DISX-COMB Max	6.3491	0	4.0733	0	0.635	0	9.8339
NE+3.30	B264	514	DISX-COMB Max	7.1427	0	4.0733	0	0.635	0	13.0635
NE+3.30	B264	514	DISX-COMB Max	7.9364	0	4.0733	0	0.635	0	16.2943
NE+3.30	B264	514	DISX-COMB Max	8.73	0	4.0733	0	0.635	0	19.5258
NE+3.30	B264	514	DISY-COMB Max	0	0	0.315	0	0.7481	0	1.4084
NE+3.30	B264	514	DISY-COMB Max	0.7936	0	0.315	0	0.7481	0	1.163
NE+3.30	B264	514	DISY-COMB Max	1.5873	0	0.315	0	0.7481	0	0.92
NE+3.30	B264	514	DISY-COMB Max	2.3809	0	0.315	0	0.7481	0	0.6822
NE+3.30	B264	514	DISY-COMB Max	3.1745	0	0.315	0	0.7481	0	0.4576
NE+3.30	B264	514	DISY-COMB Max	3.9682	0	0.315	0	0.7481	0	0.2799
NE+3.30	B264	514	DISY-COMB Max	4.7618	0	0.315	0	0.7481	0	0.269
NE+3.30	B264	514	DISY-COMB Max	5.5555	0	0.315	0	0.7481	0	0.4375
NE+3.30	B264	514	DISY-COMB Max	6.3491	0	0.315	0	0.7481	0	0.6598
NE+3.30	B264	514	DISY-COMB Max	7.1427	0	0.315	0	0.7481	0	0.8969
NE+3.30	B264	514	DISY-COMB Max	7.9364	0	0.315	0	0.7481	0	1.1395
NE+3.30	B264	514	DISY-COMB Max	8.73	0	0.315	0	0.7481	0	1.3848
NE+3.30	B264	514	B241	0	0	-43.9583	0	0.3178	0	-52.2996
NE+3.30	B264	514	B241	0.7936	0	-38.2914	0	0.3178	0	-19.2998
NE+3.30	B264	514	B241	1.5873	0	-28.9897	0	0.3178	0	7.4299
NE+3.30	B264	514	B241	2.3809	0	-19.5982	0	0.3178	0	26.7105
NE+3.30	B264	514	B241	3.1745	0	-10.2067	0	0.3178	0	38.5376
NE+3.30	B264	514	B241	3.9682	0	-0.8152	0	0.3178	0	42.9113
NE+3.30	B264	514	B241	4.7618	0	8.5763	0	0.3178	0	39.8316
NE+3.30	B264	514	B241	5.5555	0	17.9677	0	0.3178	0	29.2985
NE+3.30	B264	514	B241	6.3491	0	27.3592	0	0.3178	0	11.3119
NE+3.30	B264	514	B241	7.1427	0	36.7507	0	0.3178	0	-14.1281
NE+3.30	B264	514	B241	7.9364	0	46.0524	0	0.3178	0	-47.0172
NE+3.30	B264	514	B241	8.73	0	51.7193	0	0.3178	0	-86.1764
NE+3.30	B264	514	B242	0	0	-64.7558	0	0.6058	0	-78.4641
NE+3.30	B264	514	B242	0.7936	0	-57.379	0	0.6058	0	-29.3556
NE+3.30	B264	514	B242	1.5873	0	-43.5367	0	0.6058	0	10.7453
NE+3.30	B264	514	B242	2.3809	0	-29.5346	0	0.6058	0	39.7413
NE+3.30	B264	514	B242	3.1745	0	-15.5324	0	0.6058	0	57.6247
NE+3.30	B264	514	B242	3.9682	0	-1.5303	0	0.6058	0	64.3955
NE+3.30	B264	514	B242	4.7618	0	12.4718	0	0.6058	0	60.0537
NE+3.30	B264	514	B242	5.5555	0	26.4739	0	0.6058	0	44.5994
NE+3.30	B264	514	B242	6.3491	0	40.4761	0	0.6058	0	18.0324
NE+3.30	B264	514	B242	7.1427	0	54.4782	0	0.6058	0	-19.6472
NE+3.30	B264	514	B242	7.9364	0	68.3205	0	0.6058	0	-68.4317
NE+3.30	B264	514	B242	8.73	0	75.6973	0	0.6058	0	-126.2238
NE+3.30	B265	515	Pprop	0	0	-13.4043	0	0.0057	0	-20.6403
NE+3.30	B265	515	Pprop	0.7936	0	-11.1415	0	0.0057	0	-10.9001
NE+3.30	B265	515	Pprop	1.5873	0	-8.8787	0	0.0057	0	-2.9557

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B265	515	Pprop	2.3809	0	-6.6158	0	0.0057	0	3.1928
NE+3.30	B265	515	Pprop	3.1745	0	-4.353	0	0.0057	0	7.5454
NE+3.30	B265	515	Pprop	3.9682	0	-2.0902	0	0.0057	0	10.1022
NE+3.30	B265	515	Pprop	4.7618	0	0.1726	0	0.0057	0	10.8632
NE+3.30	B265	515	Pprop	5.5555	0	2.4354	0	0.0057	0	9.8283
NE+3.30	B265	515	Pprop	6.3491	0	4.6982	0	0.0057	0	6.9975
NE+3.30	B265	515	Pprop	7.1427	0	6.961	0	0.0057	0	2.3709
NE+3.30	B265	515	Pprop	7.9364	0	9.2239	0	0.0057	0	-4.0516
NE+3.30	B265	515	Pprop	8.73	0	11.4867	0	0.0057	0	-12.2699
NE+3.30	B265	515	Viva	0	0	-19.9685	0	0.1747	0	-34.5016
NE+3.30	B265	515	Viva	0.7936	0	-18.3939	0	0.1747	0	-19.0705
NE+3.30	B265	515	Viva	1.5873	0	-14.7254	0	0.1747	0	-5.9101
NE+3.30	B265	515	Viva	2.3809	0	-11.0053	0	0.1747	0	4.3004
NE+3.30	B265	515	Viva	3.1745	0	-7.2851	0	0.1747	0	11.5583
NE+3.30	B265	515	Viva	3.9682	0	-3.5649	0	0.1747	0	15.8638
NE+3.30	B265	515	Viva	4.7618	0	0.1552	0	0.1747	0	17.2168
NE+3.30	B265	515	Viva	5.5555	0	3.8754	0	0.1747	0	15.6174
NE+3.30	B265	515	Viva	6.3491	0	7.5956	0	0.1747	0	11.0655
NE+3.30	B265	515	Viva	7.1427	0	11.3157	0	0.1747	0	3.5612
NE+3.30	B265	515	Viva	7.9364	0	14.9842	0	0.1747	0	-6.8932
NE+3.30	B265	515	Viva	8.73	0	16.5588	0	0.1747	0	-19.6183
NE+3.30	B265	515	Psup	0	0	-26.9157	0	0.186	0	-46.0538
NE+3.30	B265	515	Psup	0.7936	0	-24.8069	0	0.186	0	-25.2504
NE+3.30	B265	515	Psup	1.5873	0	-19.8941	0	0.186	0	-7.488
NE+3.30	B265	515	Psup	2.3809	0	-14.9121	0	0.186	0	6.3237
NE+3.30	B265	515	Psup	3.1745	0	-9.93	0	0.186	0	16.1815
NE+3.30	B265	515	Psup	3.9682	0	-4.948	0	0.186	0	22.0854
NE+3.30	B265	515	Psup	4.7618	0	0.0341	0	0.186	0	24.0353
NE+3.30	B265	515	Psup	5.5555	0	5.0161	0	0.186	0	22.0313
NE+3.30	B265	515	Psup	6.3491	0	9.9982	0	0.186	0	16.0734
NE+3.30	B265	515	Psup	7.1427	0	14.9802	0	0.186	0	6.1615
NE+3.30	B265	515	Psup	7.9364	0	19.893	0	0.186	0	-7.701
NE+3.30	B265	515	Psup	8.73	0	22.0018	0	0.186	0	-24.6045
NE+3.30	B265	515	Viva.cub	0	0	-0.0034	0	0.0005	0	-0.0144
NE+3.30	B265	515	Viva.cub	0.7936	0	-0.0034	0	0.0005	0	-0.0117
NE+3.30	B265	515	Viva.cub	1.5873	0	-0.0034	0	0.0005	0	-0.009
NE+3.30	B265	515	Viva.cub	2.3809	0	-0.0034	0	0.0005	0	-0.0064
NE+3.30	B265	515	Viva.cub	3.1745	0	-0.0034	0	0.0005	0	-0.0037
NE+3.30	B265	515	Viva.cub	3.9682	0	-0.0034	0	0.0005	0	-0.001
NE+3.30	B265	515	Viva.cub	4.7618	0	-0.0034	0	0.0005	0	0.0017
NE+3.30	B265	515	Viva.cub	5.5555	0	-0.0034	0	0.0005	0	0.0044
NE+3.30	B265	515	Viva.cub	6.3491	0	-0.0034	0	0.0005	0	0.007
NE+3.30	B265	515	Viva.cub	7.1427	0	-0.0034	0	0.0005	0	0.0097
NE+3.30	B265	515	Viva.cub	7.9364	0	-0.0034	0	0.0005	0	0.0124
NE+3.30	B265	515	Viva.cub	8.73	0	-0.0034	0	0.0005	0	0.0151

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B265	515	DISX-COMB Max	0	0	4.3194	0	0.5803	0	20.0543
NE+3.30	B265	515	DISX-COMB Max	0.7936	0	4.3194	0	0.5803	0	16.629
NE+3.30	B265	515	DISX-COMB Max	1.5873	0	4.3194	0	0.5803	0	13.2051
NE+3.30	B265	515	DISX-COMB Max	2.3809	0	4.3194	0	0.5803	0	9.784
NE+3.30	B265	515	DISX-COMB Max	3.1745	0	4.3194	0	0.5803	0	6.3705
NE+3.30	B265	515	DISX-COMB Max	3.9682	0	4.3194	0	0.5803	0	2.9901
NE+3.30	B265	515	DISX-COMB Max	4.7618	0	4.3194	0	0.5803	0	0.8952
NE+3.30	B265	515	DISX-COMB Max	5.5555	0	4.3194	0	0.5803	0	4.0205
NE+3.30	B265	515	DISX-COMB Max	6.3491	0	4.3194	0	0.5803	0	7.4183
NE+3.30	B265	515	DISX-COMB Max	7.1427	0	4.3194	0	0.5803	0	10.8351
NE+3.30	B265	515	DISX-COMB Max	7.9364	0	4.3194	0	0.5803	0	14.2573
NE+3.30	B265	515	DISX-COMB Max	8.73	0	4.3194	0	0.5803	0	17.6817
NE+3.30	B265	515	DISY-COMB Max	0	0	0.3404	0	0.7014	0	1.4639
NE+3.30	B265	515	DISY-COMB Max	0.7936	0	0.3404	0	0.7014	0	1.2009
NE+3.30	B265	515	DISY-COMB Max	1.5873	0	0.3404	0	0.7014	0	0.9418
NE+3.30	B265	515	DISY-COMB Max	2.3809	0	0.3404	0	0.7014	0	0.6914
NE+3.30	B265	515	DISY-COMB Max	3.1745	0	0.3404	0	0.7014	0	0.4636
NE+3.30	B265	515	DISY-COMB Max	3.9682	0	0.3404	0	0.7014	0	0.3129
NE+3.30	B265	515	DISY-COMB Max	4.7618	0	0.3404	0	0.7014	0	0.3562
NE+3.30	B265	515	DISY-COMB Max	5.5555	0	0.3404	0	0.7014	0	0.5494
NE+3.30	B265	515	DISY-COMB Max	6.3491	0	0.3404	0	0.7014	0	0.7892
NE+3.30	B265	515	DISY-COMB Max	7.1427	0	0.3404	0	0.7014	0	1.0439
NE+3.30	B265	515	DISY-COMB Max	7.9364	0	0.3404	0	0.7014	0	1.3049
NE+3.30	B265	515	DISY-COMB Max	8.73	0	0.3404	0	0.7014	0	1.569
NE+3.30	B265	515	B241	0	0	-52.2666	0	0.2485	0	-86.4552
NE+3.30	B265	515	B241	0.7936	0	-46.5997	0	0.2485	0	-46.8617
NE+3.30	B265	515	B241	1.5873	0	-37.2981	0	0.2485	0	-13.5382
NE+3.30	B265	515	B241	2.3809	0	-27.9066	0	0.2485	0	12.3362
NE+3.30	B265	515	B241	3.1745	0	-18.5151	0	0.2485	0	30.7572
NE+3.30	B265	515	B241	3.9682	0	-9.1236	0	0.2485	0	41.7247
NE+3.30	B265	515	B241	4.7618	0	0.2679	0	0.2485	0	45.2388
NE+3.30	B265	515	B241	5.5555	0	9.6594	0	0.2485	0	41.2995
NE+3.30	B265	515	B241	6.3491	0	19.0509	0	0.2485	0	29.9067
NE+3.30	B265	515	B241	7.1427	0	28.4424	0	0.2485	0	11.0605
NE+3.30	B265	515	B241	7.9364	0	37.7441	0	0.2485	0	-15.2348
NE+3.30	B265	515	B241	8.73	0	43.4109	0	0.2485	0	-47.8002
NE+3.30	B265	515	B242	0	0	-76.7513	0	0.4927	0	-129.3143
NE+3.30	B265	515	B242	0.7936	0	-69.3745	0	0.4927	0	-70.6858
NE+3.30	B265	515	B242	1.5873	0	-55.5322	0	0.4927	0	-21.0648
NE+3.30	B265	515	B242	2.3809	0	-41.5301	0	0.4927	0	17.4513
NE+3.30	B265	515	B242	3.1745	0	-27.5279	0	0.4927	0	44.8548
NE+3.30	B265	515	B242	3.9682	0	-13.5258	0	0.4927	0	61.1456
NE+3.30	B265	515	B242	4.7618	0	0.4763	0	0.4927	0	66.3239
NE+3.30	B265	515	B242	5.5555	0	14.4785	0	0.4927	0	60.3896
NE+3.30	B265	515	B242	6.3491	0	28.4806	0	0.4927	0	43.3426

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B265	515	B242	7.1427	0	42.4827	0	0.4927	0	15.1831
NE+3.30	B265	515	B242	7.9364	0	56.3251	0	0.4927	0	-24.0813
NE+3.30	B265	515	B242	8.73	0	63.7018	0	0.4927	0	-72.3533
NE+3.30	B266	516	Pprop	0	0	-9.0244	0	-0.2098	0	-13.1041
NE+3.30	B266	516	Pprop	0.54	0	-7.4847	0	-0.2098	0	-8.6467
NE+3.30	B266	516	Pprop	1.08	0	-5.9451	0	-0.2098	0	-5.0206
NE+3.30	B266	516	Pprop	1.62	0	-4.4055	0	-0.2098	0	-2.226
NE+3.30	B266	516	Pprop	2.16	0	-2.8658	0	-0.2098	0	-0.2627
NE+3.30	B266	516	Pprop	2.7	0	-1.3262	0	-0.2098	0	0.8691
NE+3.30	B266	516	Pprop	3.24	0	0.2135	0	-0.2098	0	1.1695
NE+3.30	B266	516	Pprop	3.78	0	1.7531	0	-0.2098	0	0.6385
NE+3.30	B266	516	Pprop	4.32	0	3.2928	0	-0.2098	0	-0.7239
NE+3.30	B266	516	Pprop	4.86	0	4.8324	0	-0.2098	0	-2.9177
NE+3.30	B266	516	Pprop	5.4	0	6.3721	0	-0.2098	0	-5.9429
NE+3.30	B266	516	Pprop	5.94	0	7.9117	0	-0.2098	0	-9.7995
NE+3.30	B266	516	Viva	0	0	-13.0416	0	-0.7164	0	-19.2832
NE+3.30	B266	516	Viva	0.54	0	-12.3126	0	-0.7164	0	-12.372
NE+3.30	B266	516	Viva	1.08	0	-10.1763	0	-0.7164	0	-6.2457
NE+3.30	B266	516	Viva	1.62	0	-7.6451	0	-0.7164	0	-1.4339
NE+3.30	B266	516	Viva	2.16	0	-5.1138	0	-0.7164	0	2.011
NE+3.30	B266	516	Viva	2.7	0	-2.5826	0	-0.7164	0	4.089
NE+3.30	B266	516	Viva	3.24	0	-0.0513	0	-0.7164	0	4.8002
NE+3.30	B266	516	Viva	3.78	0	2.4799	0	-0.7164	0	4.1445
NE+3.30	B266	516	Viva	4.32	0	5.0112	0	-0.7164	0	2.1219
NE+3.30	B266	516	Viva	4.86	0	7.5424	0	-0.7164	0	-1.2676
NE+3.30	B266	516	Viva	5.4	0	9.6787	0	-0.7164	0	-5.9716
NE+3.30	B266	516	Viva	5.94	0	10.4077	0	-0.7164	0	-11.4605
NE+3.30	B266	516	Psup	0	0	-16.6062	0	-0.8295	0	-26.1545
NE+3.30	B266	516	Psup	0.54	0	-15.6299	0	-0.8295	0	-17.3629
NE+3.30	B266	516	Psup	1.08	0	-12.7691	0	-0.8295	0	-9.6224
NE+3.30	B266	516	Psup	1.62	0	-9.3792	0	-0.8295	0	-3.6424
NE+3.30	B266	516	Psup	2.16	0	-5.9894	0	-0.8295	0	0.5072
NE+3.30	B266	516	Psup	2.7	0	-2.5995	0	-0.8295	0	2.8262
NE+3.30	B266	516	Psup	3.24	0	0.7903	0	-0.8295	0	3.3146
NE+3.30	B266	516	Psup	3.78	0	4.1802	0	-0.8295	0	1.9726
NE+3.30	B266	516	Psup	4.32	0	7.57	0	-0.8295	0	-1.1999
NE+3.30	B266	516	Psup	4.86	0	10.9599	0	-0.8295	0	-6.203
NE+3.30	B266	516	Psup	5.4	0	13.8207	0	-0.8295	0	-12.9665
NE+3.30	B266	516	Psup	5.94	0	14.797	0	-0.8295	0	-20.7812
NE+3.30	B266	516	Viva.cub	0	0	-0.0049	0	0.0003	0	-0.0141
NE+3.30	B266	516	Viva.cub	0.54	0	-0.0049	0	0.0003	0	-0.0114
NE+3.30	B266	516	Viva.cub	1.08	0	-0.0049	0	0.0003	0	-0.0088
NE+3.30	B266	516	Viva.cub	1.62	0	-0.0049	0	0.0003	0	-0.0061
NE+3.30	B266	516	Viva.cub	2.16	0	-0.0049	0	0.0003	0	-0.0035
NE+3.30	B266	516	Viva.cub	2.7	0	-0.0049	0	0.0003	0	-0.0009

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B266	516	Viva.cub	3.24	0	-0.0049	0	0.0003	0	0.0018
NE+3.30	B266	516	Viva.cub	3.78	0	-0.0049	0	0.0003	0	0.0044
NE+3.30	B266	516	Viva.cub	4.32	0	-0.0049	0	0.0003	0	0.0071
NE+3.30	B266	516	Viva.cub	4.86	0	-0.0049	0	0.0003	0	0.0097
NE+3.30	B266	516	Viva.cub	5.4	0	-0.0049	0	0.0003	0	0.0123
NE+3.30	B266	516	Viva.cub	5.94	0	-0.0049	0	0.0003	0	0.015
NE+3.30	B266	516	DISX-COMB Max	0	0	4.0157	0	0.9246	0	16.482
NE+3.30	B266	516	DISX-COMB Max	0.54	0	4.0157	0	0.9246	0	14.3312
NE+3.30	B266	516	DISX-COMB Max	1.08	0	4.0157	0	0.9246	0	12.1868
NE+3.30	B266	516	DISX-COMB Max	1.62	0	4.0157	0	0.9246	0	10.0527
NE+3.30	B266	516	DISX-COMB Max	2.16	0	4.0157	0	0.9246	0	7.9372
NE+3.30	B266	516	DISX-COMB Max	2.7	0	4.0157	0	0.9246	0	5.8606
NE+3.30	B266	516	DISX-COMB Max	3.24	0	4.0157	0	0.9246	0	3.8857
NE+3.30	B266	516	DISX-COMB Max	3.78	0	4.0157	0	0.9246	0	2.2926
NE+3.30	B266	516	DISX-COMB Max	4.32	0	4.0157	0	0.9246	0	2.1949
NE+3.30	B266	516	DISX-COMB Max	4.86	0	4.0157	0	0.9246	0	3.7127
NE+3.30	B266	516	DISX-COMB Max	5.4	0	4.0157	0	0.9246	0	5.6705
NE+3.30	B266	516	DISX-COMB Max	5.94	0	4.0157	0	0.9246	0	7.7415
NE+3.30	B266	516	DISY-COMB Max	0	0	1.0635	0	0.6188	0	2.2692
NE+3.30	B266	516	DISY-COMB Max	0.54	0	1.0635	0	0.6188	0	1.7606
NE+3.30	B266	516	DISY-COMB Max	1.08	0	1.0635	0	0.6188	0	1.3075
NE+3.30	B266	516	DISY-COMB Max	1.62	0	1.0635	0	0.6188	0	0.9895
NE+3.30	B266	516	DISY-COMB Max	2.16	0	1.0635	0	0.6188	0	0.9531
NE+3.30	B266	516	DISY-COMB Max	2.7	0	1.0635	0	0.6188	0	1.2236
NE+3.30	B266	516	DISY-COMB Max	3.24	0	1.0635	0	0.6188	0	1.6571
NE+3.30	B266	516	DISY-COMB Max	3.78	0	1.0635	0	0.6188	0	2.1573
NE+3.30	B266	516	DISY-COMB Max	4.32	0	1.0635	0	0.6188	0	2.6874
NE+3.30	B266	516	DISY-COMB Max	4.86	0	1.0635	0	0.6188	0	3.2326
NE+3.30	B266	516	DISY-COMB Max	5.4	0	1.0635	0	0.6188	0	3.7864
NE+3.30	B266	516	DISY-COMB Max	5.94	0	1.0635	0	0.6188	0	4.3455
NE+3.30	B266	516	B241	0	0	-33.2248	0	-1.3472	0	-50.8908
NE+3.30	B266	516	B241	0.54	0	-29.9635	0	-1.3472	0	-33.7161
NE+3.30	B266	516	B241	1.08	0	-24.2591	0	-1.3472	0	-18.9817
NE+3.30	B266	516	B241	1.62	0	-17.869	0	-1.3472	0	-7.6071
NE+3.30	B266	516	B241	2.16	0	-11.4789	0	-1.3472	0	0.3169
NE+3.30	B266	516	B241	2.7	0	-5.0888	0	-1.3472	0	4.7902
NE+3.30	B266	516	B241	3.24	0	1.3012	0	-1.3472	0	5.8128
NE+3.30	B266	516	B241	3.78	0	7.6913	0	-1.3472	0	3.3848
NE+3.30	B266	516	B241	4.32	0	14.0814	0	-1.3472	0	-2.4938
NE+3.30	B266	516	B241	4.86	0	20.4715	0	-1.3472	0	-11.8231
NE+3.30	B266	516	B241	5.4	0	26.1759	0	-1.3472	0	-24.5122
NE+3.30	B266	516	B241	5.94	0	29.4372	0	-1.3472	0	-39.6416
NE+3.30	B266	516	B242	0	0	-49.3474	0	-2.3008	0	-74.4808
NE+3.30	B266	516	B242	0.54	0	-45.3855	0	-2.3008	0	-48.7004
NE+3.30	B266	516	B242	1.08	0	-37.0781	0	-2.3008	0	-26.2675

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B266	516	B242	1.62	0	-27.5509	0	-2.3008	0	-8.8177
NE+3.30	B266	516	B242	2.16	0	-18.0236	0	-2.3008	0	3.4875
NE+3.30	B266	516	B242	2.7	0	-8.4964	0	-2.3008	0	10.6479
NE+3.30	B266	516	B242	3.24	0	1.0308	0	-2.3008	0	12.6636
NE+3.30	B266	516	B242	3.78	0	10.558	0	-2.3008	0	9.5346
NE+3.30	B266	516	B242	4.32	0	20.0852	0	-2.3008	0	1.261
NE+3.30	B266	516	B242	4.86	0	29.6125	0	-2.3008	0	-12.1574
NE+3.30	B266	516	B242	5.4	0	37.9199	0	-2.3008	0	-30.5589
NE+3.30	B266	516	B242	5.94	0	41.8817	0	-2.3008	0	-52.3079
NE+3.30	B267	517	Pprop	0	0	-10.014	0	-0.3155	0	-9.603
NE+3.30	B267	517	Pprop	0.6227	0	-8.2385	0	-0.3155	0	-3.9198
NE+3.30	B267	517	Pprop	1.2455	0	-6.463	0	-0.3155	0	0.6577
NE+3.30	B267	517	Pprop	1.8682	0	-4.6875	0	-0.3155	0	4.1295
NE+3.30	B267	517	Pprop	2.4909	0	-2.9119	0	-0.3155	0	6.4957
NE+3.30	B267	517	Pprop	3.1136	0	-1.1364	0	-0.3155	0	7.7562
NE+3.30	B267	517	Pprop	3.7364	0	0.6391	0	-0.3155	0	7.9111
NE+3.30	B267	517	Pprop	4.3591	0	2.4146	0	-0.3155	0	6.9603
NE+3.30	B267	517	Pprop	4.61	0	3.13	0	-0.3155	0	6.2647
NE+3.30	B267	517	Pprop	4.61	0	0.1337	0	-0.3155	0	6.0725
NE+3.30	B267	517	Pprop	4.9818	0	1.1939	0	-0.3155	0	5.8257
NE+3.30	B267	517	Pprop	5.6045	0	2.9694	0	-0.3155	0	4.5294
NE+3.30	B267	517	Pprop	6.2273	0	4.7449	0	-0.3155	0	2.1275
NE+3.30	B267	517	Pprop	6.85	0	6.5204	0	-0.3155	0	-1.3802
NE+3.30	B267	517	Viva	0	0	-6.4137	0	-0.3494	0	-9.5401
NE+3.30	B267	517	Viva	0.6227	0	-6.0259	0	-0.3494	0	-5.6265
NE+3.30	B267	517	Viva	1.2455	0	-4.9574	0	-0.3494	0	-2.1863
NE+3.30	B267	517	Viva	1.8682	0	-3.7898	0	-0.3494	0	0.5373
NE+3.30	B267	517	Viva	2.4909	0	-2.6222	0	-0.3494	0	2.5337
NE+3.30	B267	517	Viva	3.1136	0	-1.4546	0	-0.3494	0	3.8031
NE+3.30	B267	517	Viva	3.7364	0	-0.291	0	-0.3494	0	4.3454
NE+3.30	B267	517	Viva	4.3591	0	0.4093	0	-0.3494	0	4.2684
NE+3.30	B267	517	Viva	4.61	0	0.4722	0	-0.3494	0	4.1551
NE+3.30	B267	517	Viva	4.61	0	1.6549	0	-0.3494	0	3.7362
NE+3.30	B267	517	Viva	4.9818	0	1.6549	0	-0.3494	0	3.1209
NE+3.30	B267	517	Viva	5.6045	0	1.6549	0	-0.3494	0	2.0904
NE+3.30	B267	517	Viva	6.2273	0	1.6549	0	-0.3494	0	1.0599
NE+3.30	B267	517	Viva	6.85	0	1.6549	0	-0.3494	0	0.0293
NE+3.30	B267	517	Psup	0	0	-17.3735	0	-0.5238	0	-18.8227
NE+3.30	B267	517	Psup	0.6227	0	-16.0752	0	-0.5238	0	-8.2733
NE+3.30	B267	517	Psup	1.2455	0	-12.4977	0	-0.5238	0	0.6918
NE+3.30	B267	517	Psup	1.8682	0	-8.5885	0	-0.5238	0	7.2573
NE+3.30	B267	517	Psup	2.4909	0	-4.6794	0	-0.5238	0	11.3884
NE+3.30	B267	517	Psup	3.1136	0	-0.7702	0	-0.5238	0	13.0852
NE+3.30	B267	517	Psup	3.7364	0	3.1253	0	-0.5238	0	12.348
NE+3.30	B267	517	Psup	4.3591	0	5.4699	0	-0.5238	0	9.537

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B267	517	Psup	4.61	0	5.6806	0	-0.5238	0	8.1293
NE+3.30	B267	517	Psup	4.61	0	2.5768	0	-0.5238	0	6.6976
NE+3.30	B267	517	Psup	4.9818	0	2.5768	0	-0.5238	0	5.7395
NE+3.30	B267	517	Psup	5.6045	0	2.5768	0	-0.5238	0	4.1348
NE+3.30	B267	517	Psup	6.2273	0	2.5768	0	-0.5238	0	2.5302
NE+3.30	B267	517	Psup	6.85	0	2.5768	0	-0.5238	0	0.9255
NE+3.30	B267	517	Viva.cub	0	0	0.0015	0	-0.0003	0	-0.0039
NE+3.30	B267	517	Viva.cub	0.6227	0	0.0015	0	-0.0003	0	-0.0048
NE+3.30	B267	517	Viva.cub	1.2455	0	0.0015	0	-0.0003	0	-0.0057
NE+3.30	B267	517	Viva.cub	1.8682	0	0.0015	0	-0.0003	0	-0.0067
NE+3.30	B267	517	Viva.cub	2.4909	0	0.0015	0	-0.0003	0	-0.0076
NE+3.30	B267	517	Viva.cub	3.1136	0	0.0015	0	-0.0003	0	-0.0085
NE+3.30	B267	517	Viva.cub	3.7364	0	0.0015	0	-0.0003	0	-0.0095
NE+3.30	B267	517	Viva.cub	4.3591	0	0.0015	0	-0.0003	0	-0.0104
NE+3.30	B267	517	Viva.cub	4.61	0	0.0015	0	-0.0003	0	-0.0108
NE+3.30	B267	517	Viva.cub	4.61	0	-0.0237	0	-0.0003	0	-0.0113
NE+3.30	B267	517	Viva.cub	4.9818	0	-0.0237	0	-0.0003	0	-0.0024
NE+3.30	B267	517	Viva.cub	5.6045	0	-0.0237	0	-0.0003	0	0.0123
NE+3.30	B267	517	Viva.cub	6.2273	0	-0.0237	0	-0.0003	0	0.0271
NE+3.30	B267	517	Viva.cub	6.85	0	-0.0237	0	-0.0003	0	0.0418
NE+3.30	B267	517	DISX-COMB Max	0	0	13.2763	0	0.3648	0	26.8043
NE+3.30	B267	517	DISX-COMB Max	0.6227	0	13.2763	0	0.3648	0	18.5729
NE+3.30	B267	517	DISX-COMB Max	1.2455	0	13.2763	0	0.3648	0	10.399
NE+3.30	B267	517	DISX-COMB Max	1.8682	0	13.2763	0	0.3648	0	2.8334
NE+3.30	B267	517	DISX-COMB Max	2.4909	0	13.2763	0	0.3648	0	6.68
NE+3.30	B267	517	DISX-COMB Max	3.1136	0	13.2763	0	0.3648	0	14.7621
NE+3.30	B267	517	DISX-COMB Max	3.7364	0	13.2763	0	0.3648	0	22.9765
NE+3.30	B267	517	DISX-COMB Max	4.3591	0	13.2763	0	0.3648	0	31.219
NE+3.30	B267	517	DISX-COMB Max	4.61	0	13.2763	0	0.3648	0	34.5434
NE+3.30	B267	517	DISX-COMB Max	4.61	0	1.6627	0	0.3648	0	38.4348
NE+3.30	B267	517	DISX-COMB Max	4.9818	0	1.6627	0	0.3648	0	38.0023
NE+3.30	B267	517	DISX-COMB Max	5.6045	0	1.6627	0	0.3648	0	37.2895
NE+3.30	B267	517	DISX-COMB Max	6.2273	0	1.6627	0	0.3648	0	36.5922
NE+3.30	B267	517	DISX-COMB Max	6.85	0	1.6627	0	0.3648	0	35.9112
NE+3.30	B267	517	DISY-COMB Max	0	0	3.9635	0	0.5399	0	6.4186
NE+3.30	B267	517	DISY-COMB Max	0.6227	0	3.9635	0	0.5399	0	3.9722
NE+3.30	B267	517	DISY-COMB Max	1.2455	0	3.9635	0	0.5399	0	1.5943
NE+3.30	B267	517	DISY-COMB Max	1.8682	0	3.9635	0	0.5399	0	1.2201
NE+3.30	B267	517	DISY-COMB Max	2.4909	0	3.9635	0	0.5399	0	3.5524
NE+3.30	B267	517	DISY-COMB Max	3.1136	0	3.9635	0	0.5399	0	5.9944
NE+3.30	B267	517	DISY-COMB Max	3.7364	0	3.9635	0	0.5399	0	8.4517
NE+3.30	B267	517	DISY-COMB Max	4.3591	0	3.9635	0	0.5399	0	10.9139
NE+3.30	B267	517	DISY-COMB Max	4.61	0	3.9635	0	0.5399	0	11.9066
NE+3.30	B267	517	DISY-COMB Max	4.61	0	8.8185	0	0.5399	0	13.5694
NE+3.30	B267	517	DISY-COMB Max	4.9818	0	8.8185	0	0.5399	0	10.452

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B267	517	DISY-COMB Max	5.6045	0	8.8185	0	0.5399	0	5.6562
NE+3.30	B267	517	DISY-COMB Max	6.2273	0	8.8185	0	0.5399	0	3.8799
NE+3.30	B267	517	DISY-COMB Max	6.85	0	8.8185	0	0.5399	0	7.6438
NE+3.30	B267	517	B241	0	0	-35.5023	0	-1.0879	0	-36.8481
NE+3.30	B267	517	B241	0.6227	0	-31.5177	0	-1.0879	0	-15.8059
NE+3.30	B267	517	B241	1.2455	0	-24.5787	0	-1.0879	0	1.7493
NE+3.30	B267	517	B241	1.8682	0	-17.2096	0	-1.0879	0	14.7607
NE+3.30	B267	517	B241	2.4909	0	-9.8406	0	-1.0879	0	23.1831
NE+3.30	B267	517	B241	3.1136	0	-2.4716	0	-1.0879	0	27.0167
NE+3.30	B267	517	B241	3.7364	0	4.8798	0	-1.0879	0	26.2617
NE+3.30	B267	517	B241	4.3591	0	10.2206	0	-1.0879	0	21.3853
NE+3.30	B267	517	B241	4.61	0	11.4212	0	-1.0879	0	18.6588
NE+3.30	B267	517	B241	4.61	0	3.5137	0	-1.0879	0	16.5538
NE+3.30	B267	517	B241	4.9818	0	4.8879	0	-1.0879	0	14.9918
NE+3.30	B267	517	B241	5.6045	0	7.1895	0	-1.0879	0	11.2314
NE+3.30	B267	517	B241	6.2273	0	9.4911	0	-1.0879	0	6.0377
NE+3.30	B267	517	B241	6.85	0	11.7927	0	-1.0879	0	-0.5893
NE+3.30	B267	517	B242	0	0	-40.6918	0	-1.4917	0	-46.8501
NE+3.30	B267	517	B242	0.6227	0	-36.6559	0	-1.4917	0	-22.5527
NE+3.30	B267	517	B242	1.2455	0	-28.9985	0	-1.4917	0	-2.0015
NE+3.30	B267	517	B242	1.8682	0	-20.814	0	-1.4917	0	13.5083
NE+3.30	B267	517	B242	2.4909	0	-12.6295	0	-1.4917	0	23.9214
NE+3.30	B267	517	B242	3.1136	0	-4.445	0	-1.4917	0	29.2378
NE+3.30	B267	517	B242	3.7364	0	3.7178	0	-1.4917	0	29.458
NE+3.30	B267	517	B242	4.3591	0	9.4161	0	-1.4917	0	25.1545
NE+3.30	B267	517	B242	4.61	0	10.5459	0	-1.4917	0	22.6361
NE+3.30	B267	517	B242	4.61	0	5.6476	0	-1.4917	0	20.1613
NE+3.30	B267	517	B242	4.9818	0	6.8255	0	-1.4917	0	17.8424
NE+3.30	B267	517	B242	5.6045	0	8.7983	0	-1.4917	0	12.9777
NE+3.30	B267	517	B242	6.2273	0	10.7711	0	-1.4917	0	6.8845
NE+3.30	B267	517	B242	6.85	0	12.7439	0	-1.4917	0	-0.4373
NE+3.30	B445	365	Pprop	0	0	-12.8155	0	-0.3351	0	-4.2948
NE+3.30	B445	365	Pprop	0.6236	0	-10.1483	0	-0.3351	0	2.8658
NE+3.30	B445	365	Pprop	1.2473	0	-7.4811	0	-0.3351	0	8.3629
NE+3.30	B445	365	Pprop	1.8709	0	-4.814	0	-0.3351	0	12.1968
NE+3.30	B445	365	Pprop	2.2893	0	-3.0246	0	-0.3351	0	13.8366
NE+3.30	B445	365	Pprop	2.2893	0	-5.4099	0	0.0009	0	15.5888
NE+3.30	B445	365	Pprop	2.4945	0	-4.5321	0	0.0009	0	16.609
NE+3.30	B445	365	Pprop	3.1182	0	-1.8649	0	0.0009	0	18.6037
NE+3.30	B445	365	Pprop	3.7418	0	0.8023	0	0.0009	0	18.9351
NE+3.30	B445	365	Pprop	4.21	0	2.8046	0	0.0009	0	18.0908
NE+3.30	B445	365	Pprop	4.21	0	1.6067	0	0.4387	0	14.9769
NE+3.30	B445	365	Pprop	4.3655	0	2.2716	0	0.4387	0	14.6755
NE+3.30	B445	365	Pprop	4.9891	0	4.9387	0	0.4387	0	12.4272
NE+3.30	B445	365	Pprop	5.6127	0	7.6059	0	0.4387	0	8.5155

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B445	365	Pprop	6.2364	0	10.2731	0	0.4387	0	2.9406
NE+3.30	B445	365	Pprop	6.86	0	12.9402	0	0.4387	0	-4.2978
NE+3.30	B445	365	Viva	0	0	-24.4525	0	0.1097	0	-8.708
NE+3.30	B445	365	Viva	0.6236	0	-22.5079	0	0.1097	0	6.1373
NE+3.30	B445	365	Viva	1.2473	0	-16.7794	0	0.1097	0	18.5606
NE+3.30	B445	365	Viva	1.8709	0	-12.2255	0	0.1097	0	27.4028
NE+3.30	B445	365	Viva	2.2893	0	-11.3502	0	0.1097	0	32.2737
NE+3.30	B445	365	Viva	2.2893	0	-10.0771	0	0.2152	0	35.3882
NE+3.30	B445	365	Viva	2.4945	0	-9.8665	0	0.2152	0	37.442
NE+3.30	B445	365	Viva	3.1182	0	-6.6419	0	0.2152	0	42.7918
NE+3.30	B445	365	Viva	3.7418	0	-1.7688	0	0.2152	0	45.268
NE+3.30	B445	365	Viva	4.21	0	-0.6121	0	0.2152	0	45.7351
NE+3.30	B445	365	Viva	4.21	0	11.4143	0	-0.9361	0	41.2667
NE+3.30	B445	365	Viva	4.3655	0	11.5291	0	-0.9361	0	39.4864
NE+3.30	B445	365	Viva	4.9891	0	14.2978	0	-0.9361	0	31.6251
NE+3.30	B445	365	Viva	5.6127	0	20.7312	0	-0.9361	0	20.8857
NE+3.30	B445	365	Viva	6.2364	0	26.565	0	-0.9361	0	5.9358
NE+3.30	B445	365	Viva	6.86	0	28.5096	0	-0.9361	0	-11.4396
NE+3.30	B445	365	Psup	0	0	-32.7248	0	0.808	0	-12.1069
NE+3.30	B445	365	Psup	0.6236	0	-30.1206	0	0.808	0	7.7601
NE+3.30	B445	365	Psup	1.2473	0	-22.4489	0	0.808	0	24.3837
NE+3.30	B445	365	Psup	1.8709	0	-16.3504	0	0.808	0	36.2114
NE+3.30	B445	365	Psup	2.2893	0	-15.1782	0	0.808	0	42.7253
NE+3.30	B445	365	Psup	2.2893	0	-16.6336	0	1.0919	0	47.0267
NE+3.30	B445	365	Psup	2.4945	0	-16.3515	0	1.0919	0	50.4213
NE+3.30	B445	365	Psup	3.1182	0	-12.0331	0	1.0919	0	59.5429
NE+3.30	B445	365	Psup	3.7418	0	-5.507	0	1.0919	0	64.8162
NE+3.30	B445	365	Psup	4.21	0	-3.958	0	1.0919	0	66.911
NE+3.30	B445	365	Psup	4.21	0	16.5609	0	-1.2813	0	59.6036
NE+3.30	B445	365	Psup	4.3655	0	16.7147	0	-1.2813	0	57.0211
NE+3.30	B445	365	Psup	4.9891	0	20.4225	0	-1.2813	0	45.6983
NE+3.30	B445	365	Psup	5.6127	0	29.0381	0	-1.2813	0	30.521
NE+3.30	B445	365	Psup	6.2364	0	36.8507	0	-1.2813	0	9.705
NE+3.30	B445	365	Psup	6.86	0	39.455	0	-1.2813	0	-14.3591
NE+3.30	B445	365	Viva.cub	0	0	-0.0392	0	-0.0115	0	-0.0806
NE+3.30	B445	365	Viva.cub	0.6236	0	-0.0392	0	-0.0115	0	-0.0561
NE+3.30	B445	365	Viva.cub	1.2473	0	-0.0392	0	-0.0115	0	-0.0317
NE+3.30	B445	365	Viva.cub	1.8709	0	-0.0392	0	-0.0115	0	-0.0072
NE+3.30	B445	365	Viva.cub	2.2893	0	-0.0392	0	-0.0115	0	0.0092
NE+3.30	B445	365	Viva.cub	2.2893	0	-0.0698	0	-0.0104	0	0.0376
NE+3.30	B445	365	Viva.cub	2.4945	0	-0.0698	0	-0.0104	0	0.0519
NE+3.30	B445	365	Viva.cub	3.1182	0	-0.0698	0	-0.0104	0	0.0955
NE+3.30	B445	365	Viva.cub	3.7418	0	-0.0698	0	-0.0104	0	0.1391
NE+3.30	B445	365	Viva.cub	4.21	0	-0.0698	0	-0.0104	0	0.1718
NE+3.30	B445	365	Viva.cub	4.21	0	0.0293	0	0.0162	0	0.2107

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B445	365	Viva.cub	4.3655	0	0.0293	0	0.0162	0	0.2062
NE+3.30	B445	365	Viva.cub	4.9891	0	0.0293	0	0.0162	0	0.1879
NE+3.30	B445	365	Viva.cub	5.6127	0	0.0293	0	0.0162	0	0.1697
NE+3.30	B445	365	Viva.cub	6.2364	0	0.0293	0	0.0162	0	0.1514
NE+3.30	B445	365	Viva.cub	6.86	0	0.0293	0	0.0162	0	0.1331
NE+3.30	B445	365	DISX-COMB Max	0	0	3.3685	0	12.3228	0	4.5523
NE+3.30	B445	365	DISX-COMB Max	0.6236	0	3.3685	0	12.3228	0	5.4825
NE+3.30	B445	365	DISX-COMB Max	1.2473	0	3.3685	0	12.3228	0	6.9439
NE+3.30	B445	365	DISX-COMB Max	1.8709	0	3.3685	0	12.3228	0	8.6721
NE+3.30	B445	365	DISX-COMB Max	2.2893	0	3.3685	0	12.3228	0	9.9125
NE+3.30	B445	365	DISX-COMB Max	2.2893	0	2.2385	0	1.5166	0	8.787
NE+3.30	B445	365	DISX-COMB Max	2.4945	0	2.2385	0	1.5166	0	8.3509
NE+3.30	B445	365	DISX-COMB Max	3.1182	0	2.2385	0	1.5166	0	7.0439
NE+3.30	B445	365	DISX-COMB Max	3.7418	0	2.2385	0	1.5166	0	5.7789
NE+3.30	B445	365	DISX-COMB Max	4.21	0	2.2385	0	1.5166	0	4.8763
NE+3.30	B445	365	DISX-COMB Max	4.21	0	2.7974	0	3.1541	0	5.0353
NE+3.30	B445	365	DISX-COMB Max	4.3655	0	2.7974	0	3.1541	0	4.6092
NE+3.30	B445	365	DISX-COMB Max	4.9891	0	2.7974	0	3.1541	0	2.9263
NE+3.30	B445	365	DISX-COMB Max	5.6127	0	2.7974	0	3.1541	0	1.4032
NE+3.30	B445	365	DISX-COMB Max	6.2364	0	2.7974	0	3.1541	0	1.2088
NE+3.30	B445	365	DISX-COMB Max	6.86	0	2.7974	0	3.1541	0	2.6534
NE+3.30	B445	365	DISY-COMB Max	0	0	4.3586	0	1.4676	0	25.5639
NE+3.30	B445	365	DISY-COMB Max	0.6236	0	4.3586	0	1.4676	0	28.2733
NE+3.30	B445	365	DISY-COMB Max	1.2473	0	4.3586	0	1.4676	0	30.9841
NE+3.30	B445	365	DISY-COMB Max	1.8709	0	4.3586	0	1.4676	0	33.6962
NE+3.30	B445	365	DISY-COMB Max	2.2893	0	4.3586	0	1.4676	0	35.5162
NE+3.30	B445	365	DISY-COMB Max	2.2893	0	11.0278	0	1.1586	0	32.5652
NE+3.30	B445	365	DISY-COMB Max	2.4945	0	11.0278	0	1.1586	0	30.3024
NE+3.30	B445	365	DISY-COMB Max	3.1182	0	11.0278	0	1.1586	0	23.4276
NE+3.30	B445	365	DISY-COMB Max	3.7418	0	11.0278	0	1.1586	0	16.5549
NE+3.30	B445	365	DISY-COMB Max	4.21	0	11.0278	0	1.1586	0	11.3989
NE+3.30	B445	365	DISY-COMB Max	4.21	0	7.2529	0	0.2611	0	6.4744
NE+3.30	B445	365	DISY-COMB Max	4.3655	0	7.2529	0	0.2611	0	5.3506
NE+3.30	B445	365	DISY-COMB Max	4.9891	0	7.2529	0	0.2611	0	0.9353
NE+3.30	B445	365	DISY-COMB Max	5.6127	0	7.2529	0	0.2611	0	3.7469
NE+3.30	B445	365	DISY-COMB Max	6.2364	0	7.2529	0	0.2611	0	8.2536
NE+3.30	B445	365	DISY-COMB Max	6.86	0	7.2529	0	0.2611	0	12.772
NE+3.30	B445	365	B241	0	0	-59.0337	0	0.613	0	-21.2615
NE+3.30	B445	365	B241	0.6236	0	-52.2004	0	0.613	0	13.7742
NE+3.30	B445	365	B241	1.2473	0	-38.7982	0	0.613	0	42.4494
NE+3.30	B445	365	B241	1.8709	0	-27.4353	0	0.613	0	62.7513
NE+3.30	B445	365	B241	2.2893	0	-23.5962	0	0.613	0	73.321
NE+3.30	B445	365	B241	2.2893	0	-28.5748	0	1.4166	0	81.1682
NE+3.30	B445	365	B241	2.4945	0	-27.0713	0	1.4166	0	86.8912
NE+3.30	B445	365	B241	3.1182	0	-18.016	0	1.4166	0	101.3011

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B445	365	B241	3.7418	0	-6.0988	0	1.4166	0	108.5665
NE+3.30	B445	365	B241	4.21	0	-1.4952	0	1.4166	0	110.1875
NE+3.30	B445	365	B241	4.21	0	23.5506	0	-1.0923	0	96.6784
NE+3.30	B445	365	B241	4.3655	0	24.6118	0	-1.0923	0	92.9401
NE+3.30	B445	365	B241	4.9891	0	32.8757	0	-1.0923	0	75.3478
NE+3.30	B445	365	B241	5.6127	0	47.5014	0	-1.0923	0	50.603
NE+3.30	B445	365	B241	6.2364	0	61.0864	0	-1.0923	0	16.3924
NE+3.30	B445	365	B241	6.86	0	67.9197	0	-1.0923	0	-24.1849
NE+3.30	B445	365	B242	0	0	-89.7439	0	0.6952	0	-32.1972
NE+3.30	B445	365	B242	0.6236	0	-80.7754	0	0.6952	0	21.598
NE+3.30	B445	365	B242	1.2473	0	-60.1222	0	0.6952	0	66.0664
NE+3.30	B445	365	B242	1.8709	0	-43.0964	0	0.6952	0	97.6276
NE+3.30	B445	365	B242	2.2893	0	-38.4053	0	0.6952	0	114.4891
NE+3.30	B445	365	B242	2.2893	0	-40.651	0	1.5533	0	126.2127
NE+3.30	B445	365	B242	2.4945	0	-39.0253	0	1.5533	0	134.4114
NE+3.30	B445	365	B242	3.1182	0	-26.1042	0	1.5533	0	155.3441
NE+3.30	B445	365	B242	3.7418	0	-8.0925	0	1.5533	0	165.5554
NE+3.30	B445	365	B242	4.21	0	-2.2958	0	1.5533	0	167.7085
NE+3.30	B445	365	B242	4.21	0	38.4638	0	-2.4259	0	148.9994
NE+3.30	B445	365	B242	4.3655	0	39.5571	0	-2.4259	0	142.9442
NE+3.30	B445	365	B242	4.9891	0	51.0703	0	-2.4259	0	115.2779
NE+3.30	B445	365	B242	5.6127	0	73.9	0	-2.4259	0	76.876
NE+3.30	B445	365	B242	6.2364	0	94.8784	0	-2.4259	0	23.6236
NE+3.30	B445	365	B242	6.86	0	103.8469	0	-2.4259	0	-38.9667
NE+3.30	B448	491	Pprop	0	0	-20.2104	0	3.612	0	-9.0017
NE+3.30	B448	491	Pprop	0.6236	0	-17.5432	0	3.612	0	2.7705
NE+3.30	B448	491	Pprop	1.2473	0	-14.8761	0	3.612	0	12.8795
NE+3.30	B448	491	Pprop	1.8709	0	-12.2089	0	3.612	0	21.325
NE+3.30	B448	491	Pprop	2.289	0	-10.4209	0	3.612	0	26.0553
NE+3.30	B448	491	Pprop	2.289	0	-5.4188	0	0.2582	0	27.892
NE+3.30	B448	491	Pprop	2.4945	0	-4.5395	0	0.2582	0	28.9157
NE+3.30	B448	491	Pprop	3.1182	0	-1.8724	0	0.2582	0	30.915
NE+3.30	B448	491	Pprop	3.1793	0	-1.6111	0	0.2582	0	31.0214
NE+3.30	B448	491	Pprop	3.1793	0	-1.6111	0	0.2582	0	31.0214
NE+3.30	B448	491	Pprop	3.7418	0	0.7948	0	0.2582	0	31.251
NE+3.30	B448	491	Pprop	4.21	0	2.7971	0	0.2582	0	30.4102
NE+3.30	B448	491	Pprop	4.21	0	8.6661	0	-3.2701	0	28.9044
NE+3.30	B448	491	Pprop	4.3655	0	9.331	0	-3.2701	0	27.5055
NE+3.30	B448	491	Pprop	4.9891	0	11.9981	0	-3.2701	0	20.8547
NE+3.30	B448	491	Pprop	5.6127	0	14.6653	0	-3.2701	0	12.5406
NE+3.30	B448	491	Pprop	6.2364	0	17.3325	0	-3.2701	0	2.5631
NE+3.30	B448	491	Pprop	6.86	0	19.9997	0	-3.2701	0	-9.0778
NE+3.30	B448	491	Viva	0	0	-13.0564	0	1.0257	0	-6.8292
NE+3.30	B448	491	Viva	0.6236	0	-12.2786	0	1.0257	0	1.1515
NE+3.30	B448	491	Viva	1.2473	0	-10.2726	0	1.0257	0	8.2094

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B448	491	Viva	1.8709	0	-8.6858	0	1.0257	0	14.0653
NE+3.30	B448	491	Viva	2.289	0	-8.3644	0	1.0257	0	17.6069
NE+3.30	B448	491	Viva	2.289	0	-7.5158	0	-0.843	0	19.4718
NE+3.30	B448	491	Viva	2.4945	0	-7.4313	0	-0.843	0	21.0111
NE+3.30	B448	491	Viva	3.1182	0	-6.1476	0	-0.843	0	25.3241
NE+3.30	B448	491	Viva	3.1793	0	-5.9515	0	-0.843	0	25.6936
NE+3.30	B448	491	Viva	3.1793	0	-5.9515	0	-0.843	0	25.6936
NE+3.30	B448	491	Viva	3.7418	0	-4.3567	0	-0.843	0	28.5515
NE+3.30	B448	491	Viva	4.21	0	-3.9183	0	-0.843	0	30.4544
NE+3.30	B448	491	Viva	4.21	0	10.8158	0	0.2077	0	29.0233
NE+3.30	B448	491	Viva	4.3655	0	10.8641	0	0.2077	0	27.3395
NE+3.30	B448	491	Viva	4.9891	0	12.0286	0	0.2077	0	20.2816
NE+3.30	B448	491	Viva	5.6127	0	14.3059	0	0.2077	0	12.1069
NE+3.30	B448	491	Viva	6.2364	0	16.3872	0	0.2077	0	2.4918
NE+3.30	B448	491	Viva	6.86	0	17.165	0	0.2077	0	-8.0512
NE+3.30	B448	491	Psup	0	0	-39.8953	0	3.9134	0	-19.0791
NE+3.30	B448	491	Psup	0.6236	0	-37.2911	0	3.9134	0	5.2597
NE+3.30	B448	491	Psup	1.2473	0	-30.5751	0	3.9134	0	26.5088
NE+3.30	B448	491	Psup	1.8709	0	-25.2625	0	3.9134	0	43.7335
NE+3.30	B448	491	Psup	2.289	0	-24.1863	0	3.9134	0	53.9948
NE+3.30	B448	491	Psup	2.289	0	-18.9146	0	-1.9495	0	56.6212
NE+3.30	B448	491	Psup	2.4945	0	-18.6315	0	-1.9495	0	60.4902
NE+3.30	B448	491	Psup	3.1182	0	-14.3337	0	-1.9495	0	71.0333
NE+3.30	B448	491	Psup	3.1793	0	-13.6774	0	-1.9495	0	71.889
NE+3.30	B448	491	Psup	3.1793	0	-13.6774	0	-1.9495	0	71.889
NE+3.30	B448	491	Psup	3.7418	0	-8.3378	0	-1.9495	0	77.942
NE+3.30	B448	491	Psup	4.21	0	-6.87	0	-1.9495	0	81.3875
NE+3.30	B448	491	Psup	4.21	0	26.91	0	-2.4294	0	78.4984
NE+3.30	B448	491	Psup	4.3655	0	27.0718	0	-2.4294	0	74.3068
NE+3.30	B448	491	Psup	4.9891	0	30.9705	0	-2.4294	0	56.4776
NE+3.30	B448	491	Psup	5.6127	0	38.595	0	-2.4294	0	34.9093
NE+3.30	B448	491	Psup	6.2364	0	45.5631	0	-2.4294	0	8.5185
NE+3.30	B448	491	Psup	6.86	0	48.1673	0	-2.4294	0	-20.979
NE+3.30	B448	491	Viva.cub	0	0	-0.0258	0	-0.004	0	-0.0786
NE+3.30	B448	491	Viva.cub	0.6236	0	-0.0258	0	-0.004	0	-0.0625
NE+3.30	B448	491	Viva.cub	1.2473	0	-0.0258	0	-0.004	0	-0.0464
NE+3.30	B448	491	Viva.cub	1.8709	0	-0.0258	0	-0.004	0	-0.0304
NE+3.30	B448	491	Viva.cub	2.289	0	-0.0258	0	-0.004	0	-0.0196
NE+3.30	B448	491	Viva.cub	2.289	0	-0.0521	0	-0.0188	0	-0.0099
NE+3.30	B448	491	Viva.cub	2.4945	0	-0.0521	0	-0.0188	0	0.0008
NE+3.30	B448	491	Viva.cub	3.1182	0	-0.0521	0	-0.0188	0	0.0333
NE+3.30	B448	491	Viva.cub	3.1793	0	-0.0521	0	-0.0188	0	0.0365
NE+3.30	B448	491	Viva.cub	3.1793	0	-0.0521	0	-0.0188	0	0.0365
NE+3.30	B448	491	Viva.cub	3.7418	0	-0.0521	0	-0.0188	0	0.0659
NE+3.30	B448	491	Viva.cub	4.21	0	-0.0521	0	-0.0188	0	0.0903

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B448	491	Viva.cub	4.21	0	-0.0274	0	0.0149	0	0.0938
NE+3.30	B448	491	Viva.cub	4.3655	0	-0.0274	0	0.0149	0	0.098
NE+3.30	B448	491	Viva.cub	4.9891	0	-0.0274	0	0.0149	0	0.1151
NE+3.30	B448	491	Viva.cub	5.6127	0	-0.0274	0	0.0149	0	0.1322
NE+3.30	B448	491	Viva.cub	6.2364	0	-0.0274	0	0.0149	0	0.1492
NE+3.30	B448	491	Viva.cub	6.86	0	-0.0274	0	0.0149	0	0.1663
NE+3.30	B448	491	DISX-COMB Max	0	0	2.4006	0	6.7754	0	4.7132
NE+3.30	B448	491	DISX-COMB Max	0.6236	0	2.4006	0	6.7754	0	4.1065
NE+3.30	B448	491	DISX-COMB Max	1.2473	0	2.4006	0	6.7754	0	3.9994
NE+3.30	B448	491	DISX-COMB Max	1.8709	0	2.4006	0	6.7754	0	4.4283
NE+3.30	B448	491	DISX-COMB Max	2.289	0	2.4006	0	6.7754	0	4.954
NE+3.30	B448	491	DISX-COMB Max	2.289	0	1.9742	0	2.4399	0	4.381
NE+3.30	B448	491	DISX-COMB Max	2.4945	0	1.9742	0	2.4399	0	3.9854
NE+3.30	B448	491	DISX-COMB Max	3.1182	0	1.9742	0	2.4399	0	2.803
NE+3.30	B448	491	DISX-COMB Max	3.1793	0	1.9742	0	2.4399	0	2.6895
NE+3.30	B448	491	DISX-COMB Max	3.1793	0	1.9742	0	2.4399	0	2.6895
NE+3.30	B448	491	DISX-COMB Max	3.7418	0	1.9742	0	2.4399	0	1.6916
NE+3.30	B448	491	DISX-COMB Max	4.21	0	1.9742	0	2.4399	0	1.0507
NE+3.30	B448	491	DISX-COMB Max	4.21	0	1.0223	0	0.6525	0	1.7577
NE+3.30	B448	491	DISX-COMB Max	4.3655	0	1.0223	0	0.6525	0	1.649
NE+3.30	B448	491	DISX-COMB Max	4.9891	0	1.0223	0	0.6525	0	1.3197
NE+3.30	B448	491	DISX-COMB Max	5.6127	0	1.0223	0	0.6525	0	1.2557
NE+3.30	B448	491	DISX-COMB Max	6.2364	0	1.0223	0	0.6525	0	1.4916
NE+3.30	B448	491	DISX-COMB Max	6.86	0	1.0223	0	0.6525	0	1.9199
NE+3.30	B448	491	DISY-COMB Max	0	0	5.4405	0	4.81	0	34.4754
NE+3.30	B448	491	DISY-COMB Max	0.6236	0	5.4405	0	4.81	0	31.092
NE+3.30	B448	491	DISY-COMB Max	1.2473	0	5.4405	0	4.81	0	27.7109
NE+3.30	B448	491	DISY-COMB Max	1.8709	0	5.4405	0	4.81	0	24.3332
NE+3.30	B448	491	DISY-COMB Max	2.289	0	5.4405	0	4.81	0	22.0715
NE+3.30	B448	491	DISY-COMB Max	2.289	0	8.9099	0	2.7439	0	19.5326
NE+3.30	B448	491	DISY-COMB Max	2.4945	0	8.9099	0	2.7439	0	17.7009
NE+3.30	B448	491	DISY-COMB Max	3.1182	0	8.9099	0	2.7439	0	12.1447
NE+3.30	B448	491	DISY-COMB Max	3.1793	0	8.9099	0	2.7439	0	11.6004
NE+3.30	B448	491	DISY-COMB Max	3.1793	0	8.9099	0	2.7439	0	11.6004
NE+3.30	B448	491	DISY-COMB Max	3.7418	0	8.9099	0	2.7439	0	6.5888
NE+3.30	B448	491	DISY-COMB Max	4.21	0	8.9099	0	2.7439	0	2.4201
NE+3.30	B448	491	DISY-COMB Max	4.21	0	5.6218	0	1.4834	0	1.7456
NE+3.30	B448	491	DISY-COMB Max	4.3655	0	5.6218	0	1.4834	0	0.8771
NE+3.30	B448	491	DISY-COMB Max	4.9891	0	5.6218	0	1.4834	0	2.6434
NE+3.30	B448	491	DISY-COMB Max	5.6127	0	5.6218	0	1.4834	0	6.1473
NE+3.30	B448	491	DISY-COMB Max	6.2364	0	5.6218	0	1.4834	0	9.6526
NE+3.30	B448	491	DISY-COMB Max	6.86	0	5.6218	0	1.4834	0	13.1583
NE+3.30	B448	491	B241	0	0	-77.9148	0	9.7551	0	-36.401
NE+3.30	B448	491	B241	0.6236	0	-71.0815	0	9.7551	0	10.4096
NE+3.30	B448	491	B241	1.2473	0	-58.9181	0	9.7551	0	51.0588

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B448	491	B241	1.8709	0	-48.5741	0	9.7551	0	84.3352
NE+3.30	B448	491	B241	2.289	0	-44.8613	0	9.7551	0	103.7686
NE+3.30	B448	491	B241	2.289	0	-31.5432	0	-2.1924	0	109.5542
NE+3.30	B448	491	B241	2.4945	0	-30.0366	0	-2.1924	0	115.8965
NE+3.30	B448	491	B241	3.1182	0	-21.0078	0	-2.1924	0	132.1552
NE+3.30	B448	491	B241	3.1793	0	-19.8184	0	-2.1924	0	133.4024
NE+3.30	B448	491	B241	3.1793	0	-19.8184	0	-2.1924	0	133.4024
NE+3.30	B448	491	B241	3.7418	0	-9.7779	0	-2.1924	0	141.5465
NE+3.30	B448	491	B241	4.21	0	-5.2797	0	-2.1924	0	144.9229
NE+3.30	B448	491	B241	4.21	0	46.1172	0	-7.3882	0	139.2259
NE+3.30	B448	491	B241	4.3655	0	47.1888	0	-7.3882	0	131.9789
NE+3.30	B448	491	B241	4.9891	0	55.7001	0	-7.3882	0	100.2457
NE+3.30	B448	491	B241	5.6127	0	69.0412	0	-7.3882	0	61.5091
NE+3.30	B448	491	B241	6.2364	0	81.5313	0	-7.3882	0	14.3651
NE+3.30	B448	491	B241	6.86	0	88.3646	0	-7.3882	0	-38.9624
NE+3.30	B448	491	B242	0	0	-87.6872	0	10.0006	0	-42.1669
NE+3.30	B448	491	B242	0.6236	0	-80.5856	0	10.0006	0	10.7337
NE+3.30	B448	491	B242	1.2473	0	-66.9503	0	10.0006	0	56.8765
NE+3.30	B448	491	B242	1.8709	0	-55.5451	0	10.0006	0	94.7766
NE+3.30	B448	491	B242	2.289	0	-51.8484	0	10.0006	0	117.1057
NE+3.30	B448	491	B242	2.289	0	-39.0884	0	-3.2373	0	125.0536
NE+3.30	B448	491	B242	2.4945	0	-37.6617	0	-3.2373	0	132.9581
NE+3.30	B448	491	B242	3.1182	0	-27.8689	0	-3.2373	0	153.811
NE+3.30	B448	491	B242	3.1793	0	-26.5357	0	-3.2373	0	155.473
NE+3.30	B448	491	B242	3.1793	0	-26.5357	0	-3.2373	0	155.473
NE+3.30	B448	491	B242	3.7418	0	-15.3778	0	-3.2373	0	167.0409
NE+3.30	B448	491	B242	4.21	0	-10.8208	0	-3.2373	0	172.9917
NE+3.30	B448	491	B242	4.21	0	56.8206	0	-5.993	0	165.8208
NE+3.30	B448	491	B242	4.3655	0	57.8165	0	-5.993	0	156.917
NE+3.30	B448	491	B242	4.9891	0	66.975	0	-5.993	0	118.433
NE+3.30	B448	491	B242	5.6127	0	82.054	0	-5.993	0	72.1592
NE+3.30	B448	491	B242	6.2364	0	96.0898	0	-5.993	0	16.3744
NE+3.30	B448	491	B242	6.86	0	103.1914	0	-5.993	0	-46.1952
NE+3.30	B460	124	Pprop	0	0	-1.2687	0	0.7234	0	13.5616
NE+3.30	B460	124	Pprop	0.48	0	0.442	0	0.7234	0	13.76
NE+3.30	B460	124	Pprop	0.96	0	2.1528	0	0.7234	0	13.1373
NE+3.30	B460	124	Pprop	1.44	0	3.8635	0	0.7234	0	11.6934
NE+3.30	B460	124	Pprop	1.92	0	5.5742	0	0.7234	0	9.4283
NE+3.30	B460	124	Pprop	2.4	0	7.2849	0	0.7234	0	6.3422
NE+3.30	B460	124	Pprop	2.88	0	8.9956	0	0.7234	0	2.4348
NE+3.30	B460	124	Pprop	3.36	0	10.7064	0	0.7234	0	-2.2936
NE+3.30	B460	124	Pprop	3.84	0	12.4171	0	0.7234	0	-7.8433
NE+3.30	B460	124	Pprop	4.32	0	14.1278	0	0.7234	0	-14.214
NE+3.30	B460	124	Pprop	4.8	0	15.8385	0	0.7234	0	-21.4059
NE+3.30	B460	124	Pprop	5.28	0	17.5492	0	0.7234	0	-29.419

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B460	124	Viva	0	0	-10.0076	0	0.9098	0	20.933
NE+3.30	B460	124	Viva	0.48	0	-8.8556	0	0.9098	0	25.5523
NE+3.30	B460	124	Viva	0.96	0	-5.3996	0	0.9098	0	29.0657
NE+3.30	B460	124	Viva	1.44	0	-0.2489	0	0.9098	0	30.4607
NE+3.30	B460	124	Viva	1.92	0	5.2344	0	0.9098	0	29.2642
NE+3.30	B460	124	Viva	2.4	0	10.7172	0	0.9098	0	25.4358
NE+3.30	B460	124	Viva	2.88	0	16.1997	0	0.9098	0	18.9757
NE+3.30	B460	124	Viva	3.36	0	21.6816	0	0.9098	0	9.8842
NE+3.30	B460	124	Viva	3.84	0	27.1632	0	0.9098	0	-1.8386
NE+3.30	B460	124	Viva	4.32	0	32.3112	0	0.9098	0	-16.1519
NE+3.30	B460	124	Viva	4.8	0	35.7672	0	0.9098	0	-32.5829
NE+3.30	B460	124	Viva	5.28	0	36.9192	0	0.9098	0	-50.1198
NE+3.30	B460	124	Psup	0	0	-9.2738	0	2.2331	0	32.96
NE+3.30	B460	124	Psup	0.48	0	-7.731	0	2.2331	0	37.1646
NE+3.30	B460	124	Psup	0.96	0	-3.1027	0	2.2331	0	39.8881
NE+3.30	B460	124	Psup	1.44	0	3.795	0	2.2331	0	39.7747
NE+3.30	B460	124	Psup	1.92	0	11.1383	0	2.2331	0	36.1907
NE+3.30	B460	124	Psup	2.4	0	18.4809	0	2.2331	0	29.0821
NE+3.30	B460	124	Psup	2.88	0	25.823	0	2.2331	0	18.4491
NE+3.30	B460	124	Psup	3.36	0	33.1644	0	2.2331	0	4.2921
NE+3.30	B460	124	Psup	3.84	0	40.5053	0	2.2331	0	-13.3887
NE+3.30	B460	124	Psup	4.32	0	47.3995	0	2.2331	0	-34.5386
NE+3.30	B460	124	Psup	4.8	0	52.0278	0	2.2331	0	-58.5246
NE+3.30	B460	124	Psup	5.28	0	53.5706	0	2.2331	0	-83.9916
NE+3.30	B460	124	Viva.cub	0	0	-0.0403	0	-0.0131	0	-0.1202
NE+3.30	B460	124	Viva.cub	0.48	0	-0.0403	0	-0.0131	0	-0.1008
NE+3.30	B460	124	Viva.cub	0.96	0	-0.0403	0	-0.0131	0	-0.0815
NE+3.30	B460	124	Viva.cub	1.44	0	-0.0403	0	-0.0131	0	-0.0622
NE+3.30	B460	124	Viva.cub	1.92	0	-0.0403	0	-0.0131	0	-0.0429
NE+3.30	B460	124	Viva.cub	2.4	0	-0.0403	0	-0.0131	0	-0.0236
NE+3.30	B460	124	Viva.cub	2.88	0	-0.0403	0	-0.0131	0	-0.0042
NE+3.30	B460	124	Viva.cub	3.36	0	-0.0403	0	-0.0131	0	0.0151
NE+3.30	B460	124	Viva.cub	3.84	0	-0.0403	0	-0.0131	0	0.0344
NE+3.30	B460	124	Viva.cub	4.32	0	-0.0403	0	-0.0131	0	0.0537
NE+3.30	B460	124	Viva.cub	4.8	0	-0.0403	0	-0.0131	0	0.0731
NE+3.30	B460	124	Viva.cub	5.28	0	-0.0403	0	-0.0131	0	0.0924
NE+3.30	B460	124	DISX-COMB Max	0	0	1.1555	0	0.3934	0	1.1984
NE+3.30	B460	124	DISX-COMB Max	0.48	0	1.1555	0	0.3934	0	0.9188
NE+3.30	B460	124	DISX-COMB Max	0.96	0	1.1555	0	0.3934	0	0.9313
NE+3.30	B460	124	DISX-COMB Max	1.44	0	1.1555	0	0.3934	0	1.2272
NE+3.30	B460	124	DISX-COMB Max	1.92	0	1.1555	0	0.3934	0	1.6613
NE+3.30	B460	124	DISX-COMB Max	2.4	0	1.1555	0	0.3934	0	2.1515
NE+3.30	B460	124	DISX-COMB Max	2.88	0	1.1555	0	0.3934	0	2.6671
NE+3.30	B460	124	DISX-COMB Max	3.36	0	1.1555	0	0.3934	0	3.1958
NE+3.30	B460	124	DISX-COMB Max	3.84	0	1.1555	0	0.3934	0	3.732

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B460	124	DISX-COMB Max	4.32	0	1.1555	0	0.3934	0	4.273
NE+3.30	B460	124	DISX-COMB Max	4.8	0	1.1555	0	0.3934	0	4.817
NE+3.30	B460	124	DISX-COMB Max	5.28	0	1.1555	0	0.3934	0	5.3633
NE+3.30	B460	124	DISY-COMB Max	0	0	1.1061	0	2.0543	0	4.102
NE+3.30	B460	124	DISY-COMB Max	0.48	0	1.1061	0	2.0543	0	3.5764
NE+3.30	B460	124	DISY-COMB Max	0.96	0	1.1061	0	2.0543	0	3.0526
NE+3.30	B460	124	DISY-COMB Max	1.44	0	1.1061	0	2.0543	0	2.5317
NE+3.30	B460	124	DISY-COMB Max	1.92	0	1.1061	0	2.0543	0	2.0162
NE+3.30	B460	124	DISY-COMB Max	2.4	0	1.1061	0	2.0543	0	1.5113
NE+3.30	B460	124	DISY-COMB Max	2.88	0	1.1061	0	2.0543	0	1.0328
NE+3.30	B460	124	DISY-COMB Max	3.36	0	1.1061	0	2.0543	0	0.6427
NE+3.30	B460	124	DISY-COMB Max	3.84	0	1.1061	0	2.0543	0	0.5685
NE+3.30	B460	124	DISY-COMB Max	4.32	0	1.1061	0	2.0543	0	0.8928
NE+3.30	B460	124	DISY-COMB Max	4.8	0	1.1061	0	2.0543	0	1.3545
NE+3.30	B460	124	DISY-COMB Max	5.28	0	1.1061	0	2.0543	0	1.8537
NE+3.30	B460	124	B241	0	0	-13.6662	0	3.8325	0	60.3058
NE+3.30	B460	124	B241	0.48	0	-9.4487	0	3.8325	0	66.0134
NE+3.30	B460	124	B241	0.96	0	-1.2315	0	3.8325	0	68.7366
NE+3.30	B460	124	B241	1.44	0	9.9277	0	3.8325	0	66.7179
NE+3.30	B460	124	B241	1.92	0	21.6643	0	3.8325	0	59.1358
NE+3.30	B460	124	B241	2.4	0	33.4001	0	3.8325	0	45.9203
NE+3.30	B460	124	B241	2.88	0	45.1352	0	3.8325	0	27.0718
NE+3.30	B460	124	B241	3.36	0	56.8695	0	3.8325	0	2.5906
NE+3.30	B460	124	B241	3.84	0	68.6031	0	3.8325	0	-27.5229
NE+3.30	B460	124	B241	4.32	0	79.7577	0	3.8325	0	-63.1979
NE+3.30	B460	124	B241	4.8	0	87.9749	0	3.8325	0	-103.6137
NE+3.30	B460	124	B241	5.28	0	92.1923	0	3.8325	0	-147.0138
NE+3.30	B460	124	B242	0	0	-27.7461	0	4.7342	0	85.1233
NE+3.30	B460	124	B242	0.48	0	-22.2879	0	4.7342	0	97.4161
NE+3.30	B460	124	B242	0.96	0	-9.715	0	4.7342	0	105.3814
NE+3.30	B460	124	B242	1.44	0	8.0911	0	4.7342	0	105.8928
NE+3.30	B460	124	B242	1.92	0	26.9243	0	4.7342	0	97.489
NE+3.30	B460	124	B242	2.4	0	45.7562	0	4.7342	0	80.0457
NE+3.30	B460	124	B242	2.88	0	64.5867	0	4.7342	0	53.5634
NE+3.30	B460	124	B242	3.36	0	83.4158	0	4.7342	0	18.0427
NE+3.30	B460	124	B242	3.84	0	102.2436	0	4.7342	0	-26.5156
NE+3.30	B460	124	B242	4.32	0	120.0415	0	4.7342	0	-79.9858
NE+3.30	B460	124	B242	4.8	0	132.6144	0	4.7342	0	-140.9078
NE+3.30	B460	124	B242	5.28	0	138.0726	0	4.7342	0	-206.1572
NE+3.30	B463	200	Pprop	0	0	-19.5829	0	-0.2698	0	-30.4744
NE+3.30	B463	200	Pprop	0.52	0	-17.7296	0	-0.2698	0	-20.7732
NE+3.30	B463	200	Pprop	1.04	0	-15.8763	0	-0.2698	0	-12.0357
NE+3.30	B463	200	Pprop	1.56	0	-14.023	0	-0.2698	0	-4.2618
NE+3.30	B463	200	Pprop	2.08	0	-12.1698	0	-0.2698	0	2.5483
NE+3.30	B463	200	Pprop	2.13	0	-11.9916	0	-0.2698	0	3.1523

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B463	200	Pprop	2.13	0	-9.4469	0	-0.2698	0	3.1919
NE+3.30	B463	200	Pprop	2.6	0	-7.7718	0	-0.2698	0	7.2383
NE+3.30	B463	200	Pprop	3.1	0	-5.9898	0	-0.2698	0	10.6787
NE+3.30	B463	200	Pprop	3.1	0	-3.4451	0	-0.2698	0	10.7259
NE+3.30	B463	200	Pprop	3.12	0	-3.3738	0	-0.2698	0	10.7941
NE+3.30	B463	200	Pprop	3.64	0	-1.5205	0	-0.2698	0	12.0666
NE+3.30	B463	200	Pprop	4.16	0	0.3328	0	-0.2698	0	12.3754
NE+3.30	B463	200	Pprop	4.68	0	2.186	0	-0.2698	0	11.7205
NE+3.30	B463	200	Pprop	5.2	0	4.0393	0	-0.2698	0	10.1019
NE+3.30	B463	200	Pprop	5.72	0	5.8926	0	-0.2698	0	7.5196
NE+3.30	B463	200	Viva	0	0	-32.3735	0	-1.4512	0	-47.8116
NE+3.30	B463	200	Viva	0.52	0	-31.0215	0	-1.4512	0	-31.2117
NE+3.30	B463	200	Viva	1.04	0	-26.982	0	-1.4512	0	-16.0175
NE+3.30	B463	200	Viva	1.56	0	-21.6251	0	-1.4512	0	-3.3954
NE+3.30	B463	200	Viva	2.08	0	-17.6067	0	-1.4512	0	6.7095
NE+3.30	B463	200	Viva	2.13	0	-17.3517	0	-1.4512	0	7.5833
NE+3.30	B463	200	Viva	2.13	0	-13.8853	0	-1.4512	0	7.6765
NE+3.30	B463	200	Viva	2.6	0	-9.3615	0	-1.4512	0	13.0962
NE+3.30	B463	200	Viva	3.1	0	-5.7615	0	-1.4512	0	16.8249
NE+3.30	B463	200	Viva	3.1	0	1.8772	0	-1.4512	0	16.9962
NE+3.30	B463	200	Viva	3.12	0	1.878	0	-1.4512	0	16.9587
NE+3.30	B463	200	Viva	3.64	0	2.4604	0	-1.4512	0	15.8776
NE+3.30	B463	200	Viva	4.16	0	4.1144	0	-1.4512	0	14.2127
NE+3.30	B463	200	Viva	4.68	0	6.3401	0	-1.4512	0	11.4932
NE+3.30	B463	200	Viva	5.2	0	7.9561	0	-1.4512	0	7.7308
NE+3.30	B463	200	Viva	5.72	0	8.4969	0	-1.4512	0	3.4061
NE+3.30	B463	200	Psup	0	0	-55.7596	0	-1.8057	0	-85.0178
NE+3.30	B463	200	Psup	0.52	0	-53.949	0	-1.8057	0	-56.3366
NE+3.30	B463	200	Psup	1.04	0	-48.5394	0	-1.8057	0	-29.5378
NE+3.30	B463	200	Psup	1.56	0	-41.3654	0	-1.8057	0	-6.1837
NE+3.30	B463	200	Psup	2.08	0	-35.984	0	-1.8057	0	13.7994
NE+3.30	B463	200	Psup	2.13	0	-35.6425	0	-1.8057	0	15.5899
NE+3.30	B463	200	Psup	2.13	0	-31.0002	0	-1.8056	0	15.5852
NE+3.30	B463	200	Psup	2.6	0	-24.942	0	-1.8056	0	28.6737
NE+3.30	B463	200	Psup	3.1	0	-20.1209	0	-1.8056	0	39.8696
NE+3.30	B463	200	Psup	3.1	0	-3.3633	0	-1.8056	0	40.0169
NE+3.30	B463	200	Psup	3.12	0	-3.3606	0	-1.8056	0	40.0842
NE+3.30	B463	200	Psup	3.64	0	-1.4107	0	-1.8056	0	41.4817
NE+3.30	B463	200	Psup	4.16	0	4.127	0	-1.8056	0	40.9248
NE+3.30	B463	200	Psup	4.68	0	11.5785	0	-1.8056	0	36.8369
NE+3.30	B463	200	Psup	5.2	0	16.9891	0	-1.8056	0	29.2573
NE+3.30	B463	200	Psup	5.72	0	18.7997	0	-1.8056	0	19.7953
NE+3.30	B463	200	Viva.cub	0	0	0.0208	0	0.0097	0	0.0725
NE+3.30	B463	200	Viva.cub	0.52	0	0.0208	0	0.0097	0	0.0617
NE+3.30	B463	200	Viva.cub	1.04	0	0.0208	0	0.0097	0	0.0508

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B463	200	Viva.cub	1.56	0	0.0208	0	0.0097	0	0.04
NE+3.30	B463	200	Viva.cub	2.08	0	0.0208	0	0.0097	0	0.0292
NE+3.30	B463	200	Viva.cub	2.13	0	0.0208	0	0.0097	0	0.0281
NE+3.30	B463	200	Viva.cub	2.13	0	0.0208	0	0.0097	0	0.0312
NE+3.30	B463	200	Viva.cub	2.6	0	0.0208	0	0.0097	0	0.0215
NE+3.30	B463	200	Viva.cub	3.1	0	0.0208	0	0.0097	0	0.0111
NE+3.30	B463	200	Viva.cub	3.1	0	0.0208	0	0.0097	0	0.0149
NE+3.30	B463	200	Viva.cub	3.12	0	0.0208	0	0.0097	0	0.0145
NE+3.30	B463	200	Viva.cub	3.64	0	0.0208	0	0.0097	0	0.0036
NE+3.30	B463	200	Viva.cub	4.16	0	0.0208	0	0.0097	0	-0.0072
NE+3.30	B463	200	Viva.cub	4.68	0	0.0208	0	0.0097	0	-0.018
NE+3.30	B463	200	Viva.cub	5.2	0	0.0208	0	0.0097	0	-0.0288
NE+3.30	B463	200	Viva.cub	5.72	0	0.0208	0	0.0097	0	-0.0397
NE+3.30	B463	200	DISX-COMB Max	0	0	0.4021	0	0.4119	0	6.2575
NE+3.30	B463	200	DISX-COMB Max	0.52	0	0.4021	0	0.4119	0	6.0731
NE+3.30	B463	200	DISX-COMB Max	1.04	0	0.4021	0	0.4119	0	5.8904
NE+3.30	B463	200	DISX-COMB Max	1.56	0	0.4021	0	0.4119	0	5.7095
NE+3.30	B463	200	DISX-COMB Max	2.08	0	0.4021	0	0.4119	0	5.5305
NE+3.30	B463	200	DISX-COMB Max	2.13	0	0.4021	0	0.4119	0	5.5134
NE+3.30	B463	200	DISX-COMB Max	2.13	0	0.4021	0	0.4119	0	5.4724
NE+3.30	B463	200	DISX-COMB Max	2.6	0	0.4021	0	0.4119	0	5.3125
NE+3.30	B463	200	DISX-COMB Max	3.1	0	0.4021	0	0.4119	0	5.1445
NE+3.30	B463	200	DISX-COMB Max	3.1	0	0.4021	0	0.4119	0	4.997
NE+3.30	B463	200	DISX-COMB Max	3.12	0	0.4021	0	0.4119	0	4.9903
NE+3.30	B463	200	DISX-COMB Max	3.64	0	0.4021	0	0.4119	0	4.8174
NE+3.30	B463	200	DISX-COMB Max	4.16	0	0.4021	0	0.4119	0	4.6476
NE+3.30	B463	200	DISX-COMB Max	4.68	0	0.4021	0	0.4119	0	4.481
NE+3.30	B463	200	DISX-COMB Max	5.2	0	0.4021	0	0.4119	0	4.3182
NE+3.30	B463	200	DISX-COMB Max	5.72	0	0.4021	0	0.4119	0	4.1595
NE+3.30	B463	200	DISY-COMB Max	0	0	1.1957	0	2.4426	0	1.384
NE+3.30	B463	200	DISY-COMB Max	0.52	0	1.1957	0	2.4426	0	0.796
NE+3.30	B463	200	DISY-COMB Max	1.04	0	1.1957	0	2.4426	0	0.3533
NE+3.30	B463	200	DISY-COMB Max	1.56	0	1.1957	0	2.4426	0	0.6238
NE+3.30	B463	200	DISY-COMB Max	2.08	0	1.1957	0	2.4426	0	1.1945
NE+3.30	B463	200	DISY-COMB Max	2.13	0	1.1957	0	2.4426	0	1.2519
NE+3.30	B463	200	DISY-COMB Max	2.13	0	1.1957	0	2.4426	0	0.7603
NE+3.30	B463	200	DISY-COMB Max	2.6	0	1.1957	0	2.4426	0	1.29
NE+3.30	B463	200	DISY-COMB Max	3.1	0	1.1957	0	2.4426	0	1.8743
NE+3.30	B463	200	DISY-COMB Max	3.1	0	1.1957	0	2.4426	0	1.2796
NE+3.30	B463	200	DISY-COMB Max	3.12	0	1.1957	0	2.4426	0	1.3028
NE+3.30	B463	200	DISY-COMB Max	3.64	0	1.1957	0	2.4426	0	1.9123
NE+3.30	B463	200	DISY-COMB Max	4.16	0	1.1957	0	2.4426	0	2.5278
NE+3.30	B463	200	DISY-COMB Max	4.68	0	1.1957	0	2.4426	0	3.1458
NE+3.30	B463	200	DISY-COMB Max	5.2	0	1.1957	0	2.4426	0	3.765
NE+3.30	B463	200	DISY-COMB Max	5.72	0	1.1957	0	2.4426	0	4.3849

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B463	200	B241	0	0	-97.6662	0	-2.6905	0	-149.7121
NE+3.30	B463	200	B241	0.52	0	-92.9167	0	-2.6905	0	-99.9572
NE+3.30	B463	200	B241	1.04	0	-83.5018	0	-2.6905	0	-53.8916
NE+3.30	B463	200	B241	1.56	0	-71.7999	0	-2.6905	0	-13.5405
NE+3.30	B463	200	B241	2.08	0	-62.4215	0	-2.6905	0	21.1914
NE+3.30	B463	200	B241	2.13	0	-61.7478	0	-2.6905	0	24.2954
NE+3.30	B463	200	B241	2.13	0	-52.4314	0	-2.6905	0	24.3407
NE+3.30	B463	200	B241	2.6	0	-42.4067	0	-2.6905	0	46.5525
NE+3.30	B463	200	B241	3.1	0	-33.8471	0	-2.6905	0	65.5256
NE+3.30	B463	200	B241	3.1	0	-8.8257	0	-2.6905	0	65.7778
NE+3.30	B463	200	B241	3.12	0	-8.7298	0	-2.6905	0	65.9533
NE+3.30	B463	200	B241	3.64	0	-3.7998	0	-2.6905	0	69.4144
NE+3.30	B463	200	B241	4.16	0	5.7811	0	-2.6905	0	69.0929
NE+3.30	B463	200	B241	4.68	0	17.843	0	-2.6905	0	62.9448
NE+3.30	B463	200	B241	5.2	0	27.259	0	-2.6905	0	51.0213
NE+3.30	B463	200	B241	5.72	0	32.0085	0	-2.6905	0	35.4083
NE+3.30	B463	200	B242	0	0	-135.5011	0	-4.6232	0	-204.787
NE+3.30	B463	200	B242	0.52	0	-129.2669	0	-4.6232	0	-135.5855
NE+3.30	B463	200	B242	1.04	0	-114.7338	0	-4.6232	0	-71.7953
NE+3.30	B463	200	B242	1.56	0	-96.1326	0	-4.6232	0	-17.0188
NE+3.30	B463	200	B242	2.08	0	-81.6644	0	-4.6232	0	28.9138
NE+3.30	B463	200	B242	2.13	0	-80.679	0	-4.6232	0	32.9721
NE+3.30	B463	200	B242	2.13	0	-67.1472	0	-4.6232	0	33.1615
NE+3.30	B463	200	B242	2.6	0	-51.3166	0	-4.6232	0	60.8669
NE+3.30	B463	200	B242	3.1	0	-38.2198	0	-4.6232	0	83.0901
NE+3.30	B463	200	B242	3.1	0	-4.551	0	-4.6232	0	83.5823
NE+3.30	B463	200	B242	3.12	0	-4.4675	0	-4.6232	0	83.6725
NE+3.30	B463	200	B242	3.64	0	0.6901	0	-4.6232	0	84.904
NE+3.30	B463	200	B242	4.16	0	11.5488	0	-4.6232	0	81.9592
NE+3.30	B463	200	B242	4.68	0	25.4485	0	-4.6232	0	72.3328
NE+3.30	B463	200	B242	5.2	0	36.1051	0	-4.6232	0	56.0874
NE+3.30	B463	200	B242	5.72	0	41.0414	0	-4.6232	0	35.7799
NE+3.30	B790	122	Pprop	0	0	-14.8304	0	-1.0028	0	-16.7001
NE+3.30	B790	122	Pprop	0.3154	0	-13.7064	0	-1.0028	0	-12.2003
NE+3.30	B790	122	Pprop	0.6307	0	-12.5824	0	-1.0028	0	-8.055
NE+3.30	B790	122	Pprop	0.9461	0	-11.4584	0	-1.0028	0	-4.2641
NE+3.30	B790	122	Pprop	1.2615	0	-10.3344	0	-1.0028	0	-0.8277
NE+3.30	B790	122	Pprop	1.5769	0	-9.2104	0	-1.0028	0	2.2543
NE+3.30	B790	122	Pprop	1.8922	0	-8.0865	0	-1.0028	0	4.9817
NE+3.30	B790	122	Pprop	2.2076	0	-6.9625	0	-1.0028	0	7.3547
NE+3.30	B790	122	Pprop	2.523	0	-5.8385	0	-1.0028	0	9.3733
NE+3.30	B790	122	Pprop	2.8383	0	-4.7145	0	-1.0028	0	11.0373
NE+3.30	B790	122	Pprop	3.1537	0	-3.5905	0	-1.0028	0	12.3469
NE+3.30	B790	122	Pprop	3.4691	0	-2.4666	0	-1.0028	0	13.302
NE+3.30	B790	122	Viva	0	0	-30.6061	0	-1.7003	0	-39.5512

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B790	122	Viva	0.3154	0	-30.1061	0	-1.7003	0	-29.9515
NE+3.30	B790	122	Viva	0.6307	0	-28.606	0	-1.7003	0	-20.6672
NE+3.30	B790	122	Viva	0.9461	0	-26.1057	0	-1.7003	0	-12.0137
NE+3.30	B790	122	Viva	1.2615	0	-22.6976	0	-1.7003	0	-4.3012
NE+3.30	B790	122	Viva	1.5769	0	-19.0827	0	-1.7003	0	2.2869
NE+3.30	B790	122	Viva	1.8922	0	-15.468	0	-1.7003	0	7.7351
NE+3.30	B790	122	Viva	2.2076	0	-11.8957	0	-1.7003	0	12.0451
NE+3.30	B790	122	Viva	2.523	0	-8.7182	0	-1.7003	0	15.2832
NE+3.30	B790	122	Viva	2.8383	0	-6.2214	0	-1.7003	0	17.6131
NE+3.30	B790	122	Viva	3.1537	0	-4.7212	0	-1.7003	0	19.3123
NE+3.30	B790	122	Viva	3.4691	0	-4.2212	0	-1.7003	0	20.6962
NE+3.30	B790	122	Psup	0	0	-42.7196	0	-2.7514	0	-55.9117
NE+3.30	B790	122	Psup	0.3154	0	-42.0499	0	-2.7514	0	-42.5096
NE+3.30	B790	122	Psup	0.6307	0	-40.0409	0	-2.7514	0	-29.5299
NE+3.30	B790	122	Psup	0.9461	0	-36.6926	0	-2.7514	0	-17.3949
NE+3.30	B790	122	Psup	1.2615	0	-32.1285	0	-2.7514	0	-6.5202
NE+3.30	B790	122	Psup	1.5769	0	-27.2874	0	-2.7514	0	2.8488
NE+3.30	B790	122	Psup	1.8922	0	-22.4466	0	-2.7514	0	10.6911
NE+3.30	B790	122	Psup	2.2076	0	-17.6625	0	-2.7514	0	17.0093
NE+3.30	B790	122	Psup	2.523	0	-13.4072	0	-2.7514	0	21.8919
NE+3.30	B790	122	Psup	2.8383	0	-10.0635	0	-2.7514	0	25.5583
NE+3.30	B790	122	Psup	3.1537	0	-8.0545	0	-2.7514	0	28.3801
NE+3.30	B790	122	Psup	3.4691	0	-7.3849	0	-2.7514	0	30.7795
NE+3.30	B790	122	Viva.cub	0	0	0.0589	0	0.0104	0	0.0556
NE+3.30	B790	122	Viva.cub	0.3154	0	0.0589	0	0.0104	0	0.0371
NE+3.30	B790	122	Viva.cub	0.6307	0	0.0589	0	0.0104	0	0.0185
NE+3.30	B790	122	Viva.cub	0.9461	0	0.0589	0	0.0104	0	-0.0001
NE+3.30	B790	122	Viva.cub	1.2615	0	0.0589	0	0.0104	0	-0.0187
NE+3.30	B790	122	Viva.cub	1.5769	0	0.0589	0	0.0104	0	-0.0372
NE+3.30	B790	122	Viva.cub	1.8922	0	0.0589	0	0.0104	0	-0.0558
NE+3.30	B790	122	Viva.cub	2.2076	0	0.0589	0	0.0104	0	-0.0744
NE+3.30	B790	122	Viva.cub	2.523	0	0.0589	0	0.0104	0	-0.0929
NE+3.30	B790	122	Viva.cub	2.8383	0	0.0589	0	0.0104	0	-0.1115
NE+3.30	B790	122	Viva.cub	3.1537	0	0.0589	0	0.0104	0	-0.1301
NE+3.30	B790	122	Viva.cub	3.4691	0	0.0589	0	0.0104	0	-0.1486
NE+3.30	B790	122	DISX-COMB Max	0	0	0.6172	0	0.7778	0	4.0663
NE+3.30	B790	122	DISX-COMB Max	0.3154	0	0.6172	0	0.7778	0	4.1457
NE+3.30	B790	122	DISX-COMB Max	0.6307	0	0.6172	0	0.7778	0	4.2326
NE+3.30	B790	122	DISX-COMB Max	0.9461	0	0.6172	0	0.7778	0	4.3265
NE+3.30	B790	122	DISX-COMB Max	1.2615	0	0.6172	0	0.7778	0	4.427
NE+3.30	B790	122	DISX-COMB Max	1.5769	0	0.6172	0	0.7778	0	4.5336
NE+3.30	B790	122	DISX-COMB Max	1.8922	0	0.6172	0	0.7778	0	4.6459
NE+3.30	B790	122	DISX-COMB Max	2.2076	0	0.6172	0	0.7778	0	4.7635
NE+3.30	B790	122	DISX-COMB Max	2.523	0	0.6172	0	0.7778	0	4.886
NE+3.30	B790	122	DISX-COMB Max	2.8383	0	0.6172	0	0.7778	0	5.0132

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B790	122	DISX-COMB Max	3.1537	0	0.6172	0	0.7778	0	5.1445
NE+3.30	B790	122	DISX-COMB Max	3.4691	0	0.6172	0	0.7778	0	5.2797
NE+3.30	B790	122	DISY-COMB Max	0	0	2.6774	0	2.4093	0	4.1133
NE+3.30	B790	122	DISY-COMB Max	0.3154	0	2.6774	0	2.4093	0	3.2795
NE+3.30	B790	122	DISY-COMB Max	0.6307	0	2.6774	0	2.4093	0	2.453
NE+3.30	B790	122	DISY-COMB Max	0.9461	0	2.6774	0	2.4093	0	1.6447
NE+3.30	B790	122	DISY-COMB Max	1.2615	0	2.6774	0	2.4093	0	0.905
NE+3.30	B790	122	DISY-COMB Max	1.5769	0	2.6774	0	2.4093	0	0.599
NE+3.30	B790	122	DISY-COMB Max	1.8922	0	2.6774	0	2.4093	0	1.1509
NE+3.30	B790	122	DISY-COMB Max	2.2076	0	2.6774	0	2.4093	0	1.9277
NE+3.30	B790	122	DISY-COMB Max	2.523	0	2.6774	0	2.4093	0	2.7447
NE+3.30	B790	122	DISY-COMB Max	2.8383	0	2.6774	0	2.4093	0	3.5745
NE+3.30	B790	122	DISY-COMB Max	3.1537	0	2.6774	0	2.4093	0	4.4098
NE+3.30	B790	122	DISY-COMB Max	3.4691	0	2.6774	0	2.4093	0	5.248
NE+3.30	B790	122	B241	0	0	-74.6018	0	-4.8665	0	-94.1265
NE+3.30	B790	122	B241	0.3154	0	-72.2767	0	-4.8665	0	-70.9203
NE+3.30	B790	122	B241	0.6307	0	-68.2154	0	-4.8665	0	-48.7211
NE+3.30	B790	122	B241	0.9461	0	-62.418	0	-4.8665	0	-28.0765
NE+3.30	B790	122	B241	1.2615	0	-55.0445	0	-4.8665	0	-9.525
NE+3.30	B790	122	B241	1.5769	0	-47.312	0	-4.8665	0	6.6151
NE+3.30	B790	122	B241	1.8922	0	-39.5799	0	-4.8665	0	20.3167
NE+3.30	B790	122	B241	2.2076	0	-31.9213	0	-4.8665	0	31.583
NE+3.30	B790	122	B241	2.523	0	-24.9482	0	-4.8665	0	40.5289
NE+3.30	B790	122	B241	2.8383	0	-19.1567	0	-4.8665	0	47.4388
NE+3.30	B790	122	B241	3.1537	0	-15.0954	0	-4.8665	0	52.7943
NE+3.30	B790	122	B241	3.4691	0	-12.7704	0	-4.8665	0	57.1427
NE+3.30	B790	122	B242	0	0	-112.8847	0	-6.8865	0	-143.9341
NE+3.30	B790	122	B242	0.3154	0	-110.0917	0	-6.8865	0	-108.6928
NE+3.30	B790	122	B242	0.6307	0	-104.2105	0	-6.8865	0	-74.8193
NE+3.30	B790	122	B242	0.9461	0	-95.2409	0	-6.8865	0	-43.2875
NE+3.30	B790	122	B242	1.2615	0	-83.4677	0	-6.8865	0	-15.0556
NE+3.30	B790	122	B242	1.5769	0	-71.0561	0	-6.8865	0	9.3105
NE+3.30	B790	122	B242	1.8922	0	-58.645	0	-6.8865	0	29.7625
NE+3.30	B790	122	B242	2.2076	0	-46.3648	0	-6.8865	0	46.3062
NE+3.30	B790	122	B242	2.523	0	-35.3038	0	-6.8865	0	59.1457
NE+3.30	B790	122	B242	2.8383	0	-26.3448	0	-6.8865	0	68.7871
NE+3.30	B790	122	B242	3.1537	0	-20.4635	0	-6.8865	0	76.0869
NE+3.30	B790	122	B242	3.4691	0	-17.6705	0	-6.8865	0	82.019
NE+3.30	B792	260	Pprop	0	0	-3.5168	0	-0.0225	0	-0.7131
NE+3.30	B792	260	Pprop	0.3391	0	-2.7258	0	-0.0225	0	0.3453
NE+3.30	B792	260	Pprop	0.6782	0	-1.9347	0	-0.0225	0	1.1355
NE+3.30	B792	260	Pprop	1.0173	0	-1.1437	0	-0.0225	0	1.6575
NE+3.30	B792	260	Pprop	1.3564	0	-0.3527	0	-0.0225	0	1.9112
NE+3.30	B792	260	Pprop	1.6955	0	0.4383	0	-0.0225	0	1.8966
NE+3.30	B792	260	Pprop	1.865	0	0.8339	0	-0.0225	0	1.7888

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B792	260	Pprop	1.865	0	-0.0596	0	-0.4864	0	1.6126
NE+3.30	B792	260	Pprop	2.0345	0	0.3359	0	-0.4864	0	1.5892
NE+3.30	B792	260	Pprop	2.3736	0	1.1269	0	-0.4864	0	1.3412
NE+3.30	B792	260	Pprop	2.7127	0	1.9179	0	-0.4864	0	0.8249
NE+3.30	B792	260	Pprop	3.0518	0	2.709	0	-0.4864	0	0.0405
NE+3.30	B792	260	Pprop	3.3909	0	3.5	0	-0.4864	0	-1.0122
NE+3.30	B792	260	Pprop	3.73	0	4.291	0	-0.4864	0	-2.3332
NE+3.30	B792	260	Viva	0	0	-3.6606	0	0.0718	0	-0.6052
NE+3.30	B792	260	Viva	0.3391	0	-3.3731	0	0.0718	0	0.6036
NE+3.30	B792	260	Viva	0.6782	0	-2.5108	0	0.0718	0	1.6175
NE+3.30	B792	260	Viva	1.0173	0	-1.1565	0	0.0718	0	2.2465
NE+3.30	B792	260	Viva	1.3564	0	-0.0071	0	0.0718	0	2.4276
NE+3.30	B792	260	Viva	1.6955	0	0.5678	0	0.0718	0	2.3163
NE+3.30	B792	260	Viva	1.865	0	0.6397	0	0.0718	0	2.2119
NE+3.30	B792	260	Viva	1.865	0	0.2385	0	-0.6379	0	1.9612
NE+3.30	B792	260	Viva	2.0345	0	0.3103	0	-0.6379	0	1.9167
NE+3.30	B792	260	Viva	2.3736	0	0.8852	0	-0.6379	0	1.7302
NE+3.30	B792	260	Viva	2.7127	0	2.0347	0	-0.6379	0	1.2513
NE+3.30	B792	260	Viva	3.0518	0	3.3889	0	-0.6379	0	0.3246
NE+3.30	B792	260	Viva	3.3909	0	4.2513	0	-0.6379	0	-0.987
NE+3.30	B792	260	Viva	3.73	0	4.5387	0	-0.6379	0	-2.4936
NE+3.30	B792	260	Psup	0	0	-4.8702	0	0.0902	0	-0.8877
NE+3.30	B792	260	Psup	0.3391	0	-4.4852	0	0.0902	0	0.7202
NE+3.30	B792	260	Psup	0.6782	0	-3.3303	0	0.0902	0	2.0671
NE+3.30	B792	260	Psup	1.0173	0	-1.5167	0	0.0902	0	2.8985
NE+3.30	B792	260	Psup	1.3564	0	0.0226	0	0.0902	0	3.1302
NE+3.30	B792	260	Psup	1.6955	0	0.7925	0	0.0902	0	2.9702
NE+3.30	B792	260	Psup	1.865	0	0.8887	0	0.0902	0	2.825
NE+3.30	B792	260	Psup	1.865	0	0.1757	0	-0.9677	0	2.4538
NE+3.30	B792	260	Psup	2.0345	0	0.272	0	-0.9677	0	2.4185
NE+3.30	B792	260	Psup	2.3736	0	1.0419	0	-0.9677	0	2.2175
NE+3.30	B792	260	Psup	2.7127	0	2.5812	0	-0.9677	0	1.6249
NE+3.30	B792	260	Psup	3.0518	0	4.3948	0	-0.9677	0	0.4325
NE+3.30	B792	260	Psup	3.3909	0	5.5497	0	-0.9677	0	-1.2753
NE+3.30	B792	260	Psup	3.73	0	5.9346	0	-0.9677	0	-3.2442
NE+3.30	B792	260	Viva.cub	0	0	0.0042	0	0.0104	0	-0.0018
NE+3.30	B792	260	Viva.cub	0.3391	0	0.0042	0	0.0104	0	-0.0032
NE+3.30	B792	260	Viva.cub	0.6782	0	0.0042	0	0.0104	0	-0.0046
NE+3.30	B792	260	Viva.cub	1.0173	0	0.0042	0	0.0104	0	-0.0061
NE+3.30	B792	260	Viva.cub	1.3564	0	0.0042	0	0.0104	0	-0.0075
NE+3.30	B792	260	Viva.cub	1.6955	0	0.0042	0	0.0104	0	-0.0089
NE+3.30	B792	260	Viva.cub	1.865	0	0.0042	0	0.0104	0	-0.0096
NE+3.30	B792	260	Viva.cub	1.865	0	0.0014	0	0.0041	0	0.0056
NE+3.30	B792	260	Viva.cub	2.0345	0	0.0014	0	0.0041	0	0.0053
NE+3.30	B792	260	Viva.cub	2.3736	0	0.0014	0	0.0041	0	0.0049

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B792	260	Viva.cub	2.7127	0	0.0014	0	0.0041	0	0.0044
NE+3.30	B792	260	Viva.cub	3.0518	0	0.0014	0	0.0041	0	0.0039
NE+3.30	B792	260	Viva.cub	3.3909	0	0.0014	0	0.0041	0	0.0034
NE+3.30	B792	260	Viva.cub	3.73	0	0.0014	0	0.0041	0	0.003
NE+3.30	B792	260	DISX-COMB Max	0	0	4.983	0	0.7961	0	16.1009
NE+3.30	B792	260	DISX-COMB Max	0.3391	0	4.983	0	0.7961	0	14.4976
NE+3.30	B792	260	DISX-COMB Max	0.6782	0	4.983	0	0.7961	0	12.9164
NE+3.30	B792	260	DISX-COMB Max	1.0173	0	4.983	0	0.7961	0	11.3665
NE+3.30	B792	260	DISX-COMB Max	1.3564	0	4.983	0	0.7961	0	9.8625
NE+3.30	B792	260	DISX-COMB Max	1.6955	0	4.983	0	0.7961	0	8.4293
NE+3.30	B792	260	DISX-COMB Max	1.865	0	4.983	0	0.7961	0	7.7515
NE+3.30	B792	260	DISX-COMB Max	1.865	0	7.1329	0	0.8719	0	4.6033
NE+3.30	B792	260	DISX-COMB Max	2.0345	0	7.1329	0	0.8719	0	3.446
NE+3.30	B792	260	DISX-COMB Max	2.3736	0	7.1329	0	0.8719	0	1.4207
NE+3.30	B792	260	DISX-COMB Max	2.7127	0	7.1329	0	0.8719	0	1.9653
NE+3.30	B792	260	DISX-COMB Max	3.0518	0	7.1329	0	0.8719	0	4.1721
NE+3.30	B792	260	DISX-COMB Max	3.3909	0	7.1329	0	0.8719	0	6.5307
NE+3.30	B792	260	DISX-COMB Max	3.73	0	7.1329	0	0.8719	0	8.9216
NE+3.30	B792	260	DISY-COMB Max	0	0	4.1757	0	0.478	0	3.4941
NE+3.30	B792	260	DISY-COMB Max	0.3391	0	4.1757	0	0.478	0	2.9114
NE+3.30	B792	260	DISY-COMB Max	0.6782	0	4.1757	0	0.478	0	2.9587
NE+3.30	B792	260	DISY-COMB Max	1.0173	0	4.1757	0	0.478	0	3.6113
NE+3.30	B792	260	DISY-COMB Max	1.3564	0	4.1757	0	0.478	0	4.6194
NE+3.30	B792	260	DISY-COMB Max	1.6955	0	4.1757	0	0.478	0	5.8005
NE+3.30	B792	260	DISY-COMB Max	1.865	0	4.1757	0	0.478	0	6.4267
NE+3.30	B792	260	DISY-COMB Max	1.865	0	4.7192	0	0.2218	0	5.938
NE+3.30	B792	260	DISY-COMB Max	2.0345	0	4.7192	0	0.2218	0	5.1511
NE+3.30	B792	260	DISY-COMB Max	2.3736	0	4.7192	0	0.2218	0	3.5945
NE+3.30	B792	260	DISY-COMB Max	2.7127	0	4.7192	0	0.2218	0	2.1046
NE+3.30	B792	260	DISY-COMB Max	3.0518	0	4.7192	0	0.2218	0	1.0292
NE+3.30	B792	260	DISY-COMB Max	3.3909	0	4.7192	0	0.2218	0	1.6765
NE+3.30	B792	260	DISY-COMB Max	3.73	0	4.7192	0	0.2218	0	3.1118
NE+3.30	B792	260	B241	0	0	-10.872	0	0.0878	0	-2.075
NE+3.30	B792	260	B241	0.3391	0	-9.3475	0	0.0878	0	1.3813
NE+3.30	B792	260	B241	0.6782	0	-6.8251	0	0.0878	0	4.1515
NE+3.30	B792	260	B241	1.0173	0	-3.4487	0	0.0878	0	5.9059
NE+3.30	B792	260	B241	1.3564	0	-0.4279	0	0.0878	0	6.5351
NE+3.30	B792	260	B241	1.6955	0	1.5955	0	0.0878	0	6.3089
NE+3.30	B792	260	B241	1.865	0	2.233	0	0.0878	0	5.9808
NE+3.30	B792	260	B241	1.865	0	0.1505	0	-1.8849	0	5.2712
NE+3.30	B792	260	B241	2.0345	0	0.788	0	-1.8849	0	5.1952
NE+3.30	B792	260	B241	2.3736	0	2.8114	0	-1.8849	0	4.6131
NE+3.30	B792	260	B241	2.7127	0	5.8322	0	-1.8849	0	3.1757
NE+3.30	B792	260	B241	3.0518	0	9.2086	0	-1.8849	0	0.6131
NE+3.30	B792	260	B241	3.3909	0	11.7311	0	-1.8849	0	-2.9653

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B792	260	B241	3.73	0	13.2555	0	-1.8849	0	-7.2299
NE+3.30	B792	260	B242	0	0	-15.1737	0	0.1954	0	-2.7477
NE+3.30	B792	260	B242	0.3391	0	-13.4071	0	0.1954	0	2.1482
NE+3.30	B792	260	B242	0.6782	0	-9.8652	0	0.1954	0	6.1441
NE+3.30	B792	260	B242	1.0173	0	-4.8044	0	0.1954	0	8.6535
NE+3.30	B792	260	B242	1.3564	0	-0.3761	0	0.1954	0	9.4819
NE+3.30	B792	260	B242	1.6955	0	2.2782	0	0.1954	0	9.1092
NE+3.30	B792	260	B242	1.865	0	2.9395	0	0.1954	0	8.6606
NE+3.30	B792	260	B242	1.865	0	0.5113	0	-2.6342	0	7.6588
NE+3.30	B792	260	B242	2.0345	0	1.1726	0	-2.6342	0	7.5224
NE+3.30	B792	260	B242	2.3736	0	3.8269	0	-2.6342	0	6.7249
NE+3.30	B792	260	B242	2.7127	0	8.2552	0	-2.6342	0	4.7264
NE+3.30	B792	260	B242	3.0518	0	13.316	0	-2.6342	0	1.0468
NE+3.30	B792	260	B242	3.3909	0	16.8579	0	-2.6342	0	-4.1192
NE+3.30	B792	260	B242	3.73	0	18.6245	0	-2.6342	0	-10.1853
NE+3.30	B793	264	Pprop	0	0	-4.1345	0	0.0674	0	-2.6621
NE+3.30	B793	264	Pprop	0.4545	0	-3.0742	0	0.0674	0	-1.0237
NE+3.30	B793	264	Pprop	0.9091	0	-2.0138	0	0.0674	0	0.1326
NE+3.30	B793	264	Pprop	1.3636	0	-0.9535	0	0.0674	0	0.807
NE+3.30	B793	264	Pprop	1.8182	0	0.1069	0	0.0674	0	0.9994
NE+3.30	B793	264	Pprop	2.2727	0	1.1673	0	0.0674	0	0.7098
NE+3.30	B793	264	Pprop	2.5	0	1.6975	0	0.0674	0	0.3843
NE+3.30	B793	264	Pprop	2.5	0	-1.1256	0	-0.2717	0	0.3808
NE+3.30	B793	264	Pprop	2.7273	0	-0.5954	0	-0.2717	0	0.5763
NE+3.30	B793	264	Pprop	3.1818	0	0.465	0	-0.2717	0	0.606
NE+3.30	B793	264	Pprop	3.6364	0	1.5253	0	-0.2717	0	0.1536
NE+3.30	B793	264	Pprop	4.0909	0	2.5857	0	-0.2717	0	-0.7807
NE+3.30	B793	264	Pprop	4.5455	0	3.6461	0	-0.2717	0	-2.197
NE+3.30	B793	264	Pprop	5	0	4.7064	0	-0.2717	0	-4.0953
NE+3.30	B793	264	Viva	0	0	-4.238	0	0.2394	0	-2.6269
NE+3.30	B793	264	Viva	0.4545	0	-3.7215	0	0.2394	0	-0.7788
NE+3.30	B793	264	Viva	0.9091	0	-2.1857	0	0.2394	0	0.6001
NE+3.30	B793	264	Viva	1.3636	0	-0.2879	0	0.2394	0	1.1623
NE+3.30	B793	264	Viva	1.8182	0	1.5511	0	0.2394	0	0.8648
NE+3.30	B793	264	Viva	2.2727	0	2.5842	0	0.2394	0	-0.1142
NE+3.30	B793	264	Viva	2.5	0	2.7133	0	0.2394	0	-0.721
NE+3.30	B793	264	Viva	2.5	0	-2.1445	0	-0.2769	0	-0.6521
NE+3.30	B793	264	Viva	2.7273	0	-2.0154	0	-0.2769	0	-0.1745
NE+3.30	B793	264	Viva	3.1818	0	-0.9823	0	-0.2769	0	0.5459
NE+3.30	B793	264	Viva	3.6364	0	0.8567	0	-0.2769	0	0.5848
NE+3.30	B793	264	Viva	4.0909	0	2.7545	0	-0.2769	0	-0.2359
NE+3.30	B793	264	Viva	4.5455	0	4.2903	0	-0.2769	0	-1.8734
NE+3.30	B793	264	Viva	5	0	4.8069	0	-0.2769	0	-3.9801
NE+3.30	B793	264	Psup	0	0	-5.9695	0	0.1744	0	-3.8729
NE+3.30	B793	264	Psup	0.4545	0	-5.2778	0	0.1744	0	-1.2643

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B793	264	Psup	0.9091	0	-3.221	0	0.1744	0	0.7159
NE+3.30	B793	264	Psup	1.3636	0	-0.6795	0	0.1744	0	1.6024
NE+3.30	B793	264	Psup	1.8182	0	1.7834	0	0.1744	0	1.3377
NE+3.30	B793	264	Psup	2.2727	0	3.1668	0	0.1744	0	0.1602
NE+3.30	B793	264	Psup	2.5	0	3.3398	0	0.1744	0	-0.5857
NE+3.30	B793	264	Psup	2.5	0	-2.3992	0	-0.427	0	-0.53
NE+3.30	B793	264	Psup	2.7273	0	-2.2263	0	-0.427	0	0.0021
NE+3.30	B793	264	Psup	3.1818	0	-0.8428	0	-0.427	0	0.7521
NE+3.30	B793	264	Psup	3.6364	0	1.6201	0	-0.427	0	0.5893
NE+3.30	B793	264	Psup	4.0909	0	4.1615	0	-0.427	0	-0.7247
NE+3.30	B793	264	Psup	4.5455	0	6.2183	0	-0.427	0	-3.1325
NE+3.30	B793	264	Psup	5	0	6.9101	0	-0.427	0	-6.1686
NE+3.30	B793	264	Viva.cub	0	0	-0.0176	0	-0.0079	0	-0.0344
NE+3.30	B793	264	Viva.cub	0.4545	0	-0.0176	0	-0.0079	0	-0.0264
NE+3.30	B793	264	Viva.cub	0.9091	0	-0.0176	0	-0.0079	0	-0.0184
NE+3.30	B793	264	Viva.cub	1.3636	0	-0.0176	0	-0.0079	0	-0.0104
NE+3.30	B793	264	Viva.cub	1.8182	0	-0.0176	0	-0.0079	0	-0.0024
NE+3.30	B793	264	Viva.cub	2.2727	0	-0.0176	0	-0.0079	0	0.0055
NE+3.30	B793	264	Viva.cub	2.5	0	-0.0176	0	-0.0079	0	0.0095
NE+3.30	B793	264	Viva.cub	2.5	0	-0.0196	0	0.0136	0	0.0001
NE+3.30	B793	264	Viva.cub	2.7273	0	-0.0196	0	0.0136	0	0.0046
NE+3.30	B793	264	Viva.cub	3.1818	0	-0.0196	0	0.0136	0	0.0135
NE+3.30	B793	264	Viva.cub	3.6364	0	-0.0196	0	0.0136	0	0.0224
NE+3.30	B793	264	Viva.cub	4.0909	0	-0.0196	0	0.0136	0	0.0313
NE+3.30	B793	264	Viva.cub	4.5455	0	-0.0196	0	0.0136	0	0.0402
NE+3.30	B793	264	Viva.cub	5	0	-0.0196	0	0.0136	0	0.0491
NE+3.30	B793	264	DISX-COMB Max	0	0	2.4115	0	0.2317	0	6.2187
NE+3.30	B793	264	DISX-COMB Max	0.4545	0	2.4115	0	0.2317	0	5.1391
NE+3.30	B793	264	DISX-COMB Max	0.9091	0	2.4115	0	0.2317	0	4.0683
NE+3.30	B793	264	DISX-COMB Max	1.3636	0	2.4115	0	0.2317	0	3.0159
NE+3.30	B793	264	DISX-COMB Max	1.8182	0	2.4115	0	0.2317	0	2.0107
NE+3.30	B793	264	DISX-COMB Max	2.2727	0	2.4115	0	0.2317	0	1.1803
NE+3.30	B793	264	DISX-COMB Max	2.5	0	2.4115	0	0.2317	0	0.9846
NE+3.30	B793	264	DISX-COMB Max	2.5	0	3.0262	0	0.2266	0	2.3842
NE+3.30	B793	264	DISX-COMB Max	2.7273	0	3.0262	0	0.2266	0	2.9741
NE+3.30	B793	264	DISX-COMB Max	3.1818	0	3.0262	0	0.2266	0	4.2432
NE+3.30	B793	264	DISX-COMB Max	3.6364	0	3.0262	0	0.2266	0	5.5632
NE+3.30	B793	264	DISX-COMB Max	4.0909	0	3.0262	0	0.2266	0	6.9049
NE+3.30	B793	264	DISX-COMB Max	4.5455	0	3.0262	0	0.2266	0	8.2577
NE+3.30	B793	264	DISX-COMB Max	5	0	3.0262	0	0.2266	0	9.617
NE+3.30	B793	264	DISY-COMB Max	0	0	1.5673	0	0.3452	0	1.6119
NE+3.30	B793	264	DISY-COMB Max	0.4545	0	1.5673	0	0.3452	0	1.1543
NE+3.30	B793	264	DISY-COMB Max	0.9091	0	1.5673	0	0.3452	0	1.04
NE+3.30	B793	264	DISY-COMB Max	1.3636	0	1.5673	0	0.3452	0	1.3587
NE+3.30	B793	264	DISY-COMB Max	1.8182	0	1.5673	0	0.3452	0	1.904

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B793	264	DISY-COMB Max	2.2727	0	1.5673	0	0.3452	0	2.5337
NE+3.30	B793	264	DISY-COMB Max	2.5	0	1.5673	0	0.3452	0	2.8632
NE+3.30	B793	264	DISY-COMB Max	2.5	0	4.1974	0	0.7051	0	3.2142
NE+3.30	B793	264	DISY-COMB Max	2.7273	0	4.1974	0	0.7051	0	2.3008
NE+3.30	B793	264	DISY-COMB Max	3.1818	0	4.1974	0	0.7051	0	0.824
NE+3.30	B793	264	DISY-COMB Max	3.6364	0	4.1974	0	0.7051	0	1.8288
NE+3.30	B793	264	DISY-COMB Max	4.0909	0	4.1974	0	0.7051	0	3.6456
NE+3.30	B793	264	DISY-COMB Max	4.5455	0	4.1974	0	0.7051	0	5.5242
NE+3.30	B793	264	DISY-COMB Max	5	0	4.1974	0	0.7051	0	7.4177
NE+3.30	B793	264	B241	0	0	-13.0979	0	0.3134	0	-8.4713
NE+3.30	B793	264	B241	0.4545	0	-10.8266	0	0.3134	0	-2.9659
NE+3.30	B793	264	B241	0.9091	0	-6.7858	0	0.3134	0	1.1
NE+3.30	B793	264	B241	1.3636	0	-2.1168	0	0.3134	0	3.1233
NE+3.30	B793	264	B241	1.8182	0	2.4503	0	0.3134	0	3.0296
NE+3.30	B793	264	B241	2.2727	0	5.6183	0	0.3134	0	1.1279
NE+3.30	B793	264	B241	2.5	0	6.5297	0	0.3134	0	-0.2611
NE+3.30	B793	264	B241	2.5	0	-4.5692	0	-0.9057	0	-0.1935
NE+3.30	B793	264	B241	2.7273	0	-3.6577	0	-0.9057	0	0.7498
NE+3.30	B793	264	B241	3.1818	0	-0.4898	0	-0.9057	0	1.7604
NE+3.30	B793	264	B241	3.6364	0	4.0774	0	-0.9057	0	0.963
NE+3.30	B793	264	B241	4.0909	0	8.7464	0	-0.9057	0	-1.9515
NE+3.30	B793	264	B241	4.5455	0	12.7872	0	-0.9057	0	-6.9086
NE+3.30	B793	264	B241	5	0	15.0584	0	-0.9057	0	-13.3051
NE+3.30	B793	264	B242	0	0	-18.0164	0	0.6477	0	-11.4814
NE+3.30	B793	264	B242	0.4545	0	-15.2432	0	0.6477	0	-3.8015
NE+3.30	B793	264	B242	0.9091	0	-9.3223	0	0.6477	0	1.8938
NE+3.30	B793	264	B242	1.3636	0	-2.2839	0	0.6477	0	4.5315
NE+3.30	B793	264	B242	1.8182	0	4.5733	0	0.6477	0	3.9793
NE+3.30	B793	264	B242	2.2727	0	8.9416	0	0.6477	0	0.7869
NE+3.30	B793	264	B242	2.5	0	9.9294	0	0.6477	0	-1.3727
NE+3.30	B793	264	B242	2.5	0	-7.3575	0	-1.2125	0	-1.2092
NE+3.30	B793	264	B242	2.7273	0	-6.3696	0	-1.2125	0	0.3658
NE+3.30	B793	264	B242	3.1818	0	-2.0013	0	-1.2125	0	2.3891
NE+3.30	B793	264	B242	3.6364	0	4.8559	0	-1.2125	0	1.7723
NE+3.30	B793	264	B242	4.0909	0	11.8942	0	-1.2125	0	-2.0346
NE+3.30	B793	264	B242	4.5455	0	17.8152	0	-1.2125	0	-8.899
NE+3.30	B793	264	B242	5	0	20.5884	0	-1.2125	0	-17.7479
NE+3.30	B794	265	Pprop	0	0	-5.1479	0	0.0826	0	-4.6042
NE+3.30	B794	265	Pprop	0.7936	0	-3.2965	0	0.0826	0	-1.2533
NE+3.30	B794	265	Pprop	1.5873	0	-1.4451	0	0.0826	0	0.6282
NE+3.30	B794	265	Pprop	2.3809	0	0.4063	0	0.0826	0	1.0404
NE+3.30	B794	265	Pprop	2.91	0	1.6405	0	0.0826	0	0.499
NE+3.30	B794	265	Pprop	2.91	0	-3.3289	0	0.0094	0	0.6044
NE+3.30	B794	265	Pprop	3.1745	0	-2.7118	0	0.0094	0	1.4034
NE+3.30	B794	265	Pprop	3.9682	0	-0.8604	0	0.0094	0	2.8209

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B794	265	Pprop	4.7618	0	0.991	0	0.0094	0	2.7691
NE+3.30	B794	265	Pprop	5.5555	0	2.8424	0	0.0094	0	1.248
NE+3.30	B794	265	Pprop	5.82	0	3.4595	0	0.0094	0	0.4144
NE+3.30	B794	265	Pprop	5.82	0	-1.2787	0	-0.1927	0	0.342
NE+3.30	B794	265	Pprop	6.3491	0	-0.0445	0	-0.1927	0	0.692
NE+3.30	B794	265	Pprop	7.1427	0	1.8069	0	-0.1927	0	-0.0073
NE+3.30	B794	265	Pprop	7.9364	0	3.6583	0	-0.1927	0	-2.1761
NE+3.30	B794	265	Pprop	8.73	0	5.5097	0	-0.1927	0	-5.8141
NE+3.30	B794	265	Viva	0	0	-5.1037	0	0.7733	0	-3.9667
NE+3.30	B794	265	Viva	0.7936	0	-3.5291	0	0.7733	0	-0.3328
NE+3.30	B794	265	Viva	1.5873	0	-0.2199	0	0.7733	0	1.1565
NE+3.30	B794	265	Viva	2.3809	0	2.8596	0	0.7733	0	0.0401
NE+3.30	B794	265	Viva	2.91	0	3.5594	0	0.7733	0	-1.7197
NE+3.30	B794	265	Viva	2.91	0	-4.3137	0	0.0232	0	-0.8867
NE+3.30	B794	265	Viva	3.1745	0	-4.1387	0	0.0232	0	0.239
NE+3.30	B794	265	Viva	3.9682	0	-1.6388	0	0.0232	0	2.6998
NE+3.30	B794	265	Viva	4.7618	0	1.6746	0	0.0232	0	2.6856
NE+3.30	B794	265	Viva	5.5555	0	4.1745	0	0.0232	0	0.1965
NE+3.30	B794	265	Viva	5.82	0	4.3494	0	0.0232	0	-0.9387
NE+3.30	B794	265	Viva	5.82	0	-3.2028	0	-0.7937	0	-1.7009
NE+3.30	B794	265	Viva	6.3491	0	-2.503	0	-0.7937	0	-0.1298
NE+3.30	B794	265	Viva	7.1427	0	0.5765	0	-0.7937	0	0.7037
NE+3.30	B794	265	Viva	7.9364	0	3.8857	0	-0.7937	0	-1.0686
NE+3.30	B794	265	Viva	8.73	0	5.4603	0	-0.7937	0	-4.9856
NE+3.30	B794	265	Psup	0	0	-7.7511	0	0.6135	0	-6.6815
NE+3.30	B794	265	Psup	0.7936	0	-5.6423	0	0.6135	0	-1.0878
NE+3.30	B794	265	Psup	1.5873	0	-1.2107	0	0.6135	0	1.6339
NE+3.30	B794	265	Psup	2.3809	0	2.9133	0	0.6135	0	0.8659
NE+3.30	B794	265	Psup	2.91	0	3.8505	0	0.6135	0	-1.0061
NE+3.30	B794	265	Psup	2.91	0	-5.683	0	0.0194	0	-0.3168
NE+3.30	B794	265	Psup	3.1745	0	-5.4487	0	0.0194	0	1.1659
NE+3.30	B794	265	Psup	3.9682	0	-2.1009	0	0.0194	0	4.3869
NE+3.30	B794	265	Psup	4.7618	0	2.3365	0	0.0194	0	4.2934
NE+3.30	B794	265	Psup	5.5555	0	5.6843	0	0.0194	0	0.8855
NE+3.30	B794	265	Psup	5.82	0	5.9186	0	0.0194	0	-0.6596
NE+3.30	B794	265	Psup	5.82	0	-3.301	0	-0.7418	0	-1.2613
NE+3.30	B794	265	Psup	6.3491	0	-2.3637	0	-0.7418	0	0.3199
NE+3.30	B794	265	Psup	7.1427	0	1.7603	0	-0.7418	0	0.6517
NE+3.30	B794	265	Psup	7.9364	0	6.1919	0	-0.7418	0	-2.506
NE+3.30	B794	265	Psup	8.73	0	8.3007	0	-0.7418	0	-8.5359
NE+3.30	B794	265	Viva.cub	0	0	0.0484	0	0.0101	0	0.0659
NE+3.30	B794	265	Viva.cub	0.7936	0	0.0484	0	0.0101	0	0.0275
NE+3.30	B794	265	Viva.cub	1.5873	0	0.0484	0	0.0101	0	-0.011
NE+3.30	B794	265	Viva.cub	2.3809	0	0.0484	0	0.0101	0	-0.0494
NE+3.30	B794	265	Viva.cub	2.91	0	0.0484	0	0.0101	0	-0.075

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B794	265	Viva.cub	2.91	0	-0.0116	0	0.0013	0	-0.0658
NE+3.30	B794	265	Viva.cub	3.1745	0	-0.0116	0	0.0013	0	-0.0628
NE+3.30	B794	265	Viva.cub	3.9682	0	-0.0116	0	0.0013	0	-0.0536
NE+3.30	B794	265	Viva.cub	4.7618	0	-0.0116	0	0.0013	0	-0.0444
NE+3.30	B794	265	Viva.cub	5.5555	0	-0.0116	0	0.0013	0	-0.0352
NE+3.30	B794	265	Viva.cub	5.82	0	-0.0116	0	0.0013	0	-0.0321
NE+3.30	B794	265	Viva.cub	5.82	0	-0.0428	0	-0.008	0	-0.0413
NE+3.30	B794	265	Viva.cub	6.3491	0	-0.0428	0	-0.008	0	-0.0186
NE+3.30	B794	265	Viva.cub	7.1427	0	-0.0428	0	-0.008	0	0.0153
NE+3.30	B794	265	Viva.cub	7.9364	0	-0.0428	0	-0.008	0	0.0493
NE+3.30	B794	265	Viva.cub	8.73	0	-0.0428	0	-0.008	0	0.0832
NE+3.30	B794	265	DISX-COMB Max	0	0	0.6893	0	0.2929	0	4.7412
NE+3.30	B794	265	DISX-COMB Max	0.7936	0	0.6893	0	0.2929	0	4.657
NE+3.30	B794	265	DISX-COMB Max	1.5873	0	0.6893	0	0.2929	0	4.6362
NE+3.30	B794	265	DISX-COMB Max	2.3809	0	0.6893	0	0.2929	0	4.6798
NE+3.30	B794	265	DISX-COMB Max	2.91	0	0.6893	0	0.2929	0	4.7437
NE+3.30	B794	265	DISX-COMB Max	2.91	0	2.0858	0	0.5145	0	3.5831
NE+3.30	B794	265	DISX-COMB Max	3.1745	0	2.0858	0	0.5145	0	3.0344
NE+3.30	B794	265	DISX-COMB Max	3.9682	0	2.0858	0	0.5145	0	1.4026
NE+3.30	B794	265	DISX-COMB Max	4.7618	0	2.0858	0	0.5145	0	0.4561
NE+3.30	B794	265	DISX-COMB Max	5.5555	0	2.0858	0	0.5145	0	1.9822
NE+3.30	B794	265	DISX-COMB Max	5.82	0	2.0858	0	0.5145	0	2.5273
NE+3.30	B794	265	DISX-COMB Max	5.82	0	1.2549	0	0.1882	0	3.5384
NE+3.30	B794	265	DISX-COMB Max	6.3491	0	1.2549	0	0.1882	0	4.1405
NE+3.30	B794	265	DISX-COMB Max	7.1427	0	1.2549	0	0.1882	0	5.0727
NE+3.30	B794	265	DISX-COMB Max	7.9364	0	1.2549	0	0.1882	0	6.0254
NE+3.30	B794	265	DISX-COMB Max	8.73	0	1.2549	0	0.1882	0	6.9901
NE+3.30	B794	265	DISY-COMB Max	0	0	3.2209	0	0.6941	0	5.174
NE+3.30	B794	265	DISY-COMB Max	0.7936	0	3.2209	0	0.6941	0	2.6871
NE+3.30	B794	265	DISY-COMB Max	1.5873	0	3.2209	0	0.6941	0	0.8598
NE+3.30	B794	265	DISY-COMB Max	2.3809	0	3.2209	0	0.6941	0	2.7068
NE+3.30	B794	265	DISY-COMB Max	2.91	0	3.2209	0	0.6941	0	4.3565
NE+3.30	B794	265	DISY-COMB Max	2.91	0	0.5317	0	0.2302	0	3.2146
NE+3.30	B794	265	DISY-COMB Max	3.1745	0	0.5317	0	0.2302	0	3.0915
NE+3.30	B794	265	DISY-COMB Max	3.9682	0	0.5317	0	0.2302	0	2.7325
NE+3.30	B794	265	DISY-COMB Max	4.7618	0	0.5317	0	0.2302	0	2.394
NE+3.30	B794	265	DISY-COMB Max	5.5555	0	0.5317	0	0.2302	0	2.0862
NE+3.30	B794	265	DISY-COMB Max	5.82	0	0.5317	0	0.2302	0	1.9929
NE+3.30	B794	265	DISY-COMB Max	5.82	0	3.7827	0	1.1659	0	3.3017
NE+3.30	B794	265	DISY-COMB Max	6.3491	0	3.7827	0	1.1659	0	1.4223
NE+3.30	B794	265	DISY-COMB Max	7.1427	0	3.7827	0	1.1659	0	1.9304
NE+3.30	B794	265	DISY-COMB Max	7.9364	0	3.7827	0	1.1659	0	4.8431
NE+3.30	B794	265	DISY-COMB Max	8.73	0	3.7827	0	1.1659	0	7.8236
NE+3.30	B794	265	B241	0	0	-16.7209	0	0.9024	0	-14.6296
NE+3.30	B794	265	B241	0.7936	0	-11.5874	0	0.9024	0	-3.0348

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B794	265	B241	1.5873	0	-3.4428	0	0.9024	0	2.9323
NE+3.30	B794	265	B241	2.3809	0	4.3032	0	0.9024	0	2.4711
NE+3.30	B794	265	B241	2.91	0	7.1181	0	0.9024	0	-0.6574
NE+3.30	B794	265	B241	2.91	0	-11.6822	0	0.0373	0	0.3728
NE+3.30	B794	265	B241	3.1745	0	-10.5785	0	0.0373	0	3.3306
NE+3.30	B794	265	B241	3.9682	0	-3.8387	0	0.0373	0	9.3435
NE+3.30	B794	265	B241	4.7618	0	4.3134	0	0.0373	0	9.1551
NE+3.30	B794	265	B241	5.5555	0	11.0531	0	0.0373	0	2.7656
NE+3.30	B794	265	B241	5.82	0	12.1568	0	0.0373	0	-0.3179
NE+3.30	B794	265	B241	5.82	0	-5.9366	0	-1.2113	0	-1.1917
NE+3.30	B794	265	B241	6.3491	0	-3.1217	0	-1.2113	0	1.3118
NE+3.30	B794	265	B241	7.1427	0	4.6242	0	-1.2113	0	0.8353
NE+3.30	B794	265	B241	7.9364	0	12.7688	0	-1.2113	0	-6.0694
NE+3.30	B794	265	B241	8.73	0	17.9024	0	-1.2113	0	-18.6019
NE+3.30	B794	265	B242	0	0	-22.474	0	2.0159	0	-18.8535
NE+3.30	B794	265	B242	0.7936	0	-15.5544	0	2.0159	0	-3.12
NE+3.30	B794	265	B242	1.5873	0	-3.2786	0	2.0159	0	4.3584
NE+3.30	B794	265	B242	2.3809	0	8.2879	0	2.0159	0	2.1576
NE+3.30	B794	265	B242	2.91	0	11.8205	0	2.0159	0	-3.3526
NE+3.30	B794	265	B242	2.91	0	-16.921	0	0.0698	0	-1.1322
NE+3.30	B794	265	B242	3.1745	0	-15.695	0	0.0698	0	3.2059
NE+3.30	B794	265	B242	3.9682	0	-5.9183	0	0.0698	0	12.3016
NE+3.30	B794	265	B242	4.7618	0	6.3707	0	0.0698	0	12.1221
NE+3.30	B794	265	B242	5.5555	0	16.1475	0	0.0698	0	2.6672
NE+3.30	B794	265	B242	5.82	0	17.3735	0	0.0698	0	-1.7905
NE+3.30	B794	265	B242	5.82	0	-10.2345	0	-2.3122	0	-3.7636
NE+3.30	B794	265	B242	6.3491	0	-6.7019	0	-2.3122	0	0.9074
NE+3.30	B794	265	B242	7.1427	0	4.8646	0	-2.3122	0	1.8495
NE+3.30	B794	265	B242	7.9364	0	17.1404	0	-2.3122	0	-6.8875
NE+3.30	B794	265	B242	8.73	0	24.06	0	-2.3122	0	-23.8797
NE+3.30	B795	266	Pprop	0	0	-5.5305	0	0.188	0	-5.861
NE+3.30	B795	266	Pprop	0.7936	0	-3.6791	0	0.188	0	-2.2065
NE+3.30	B795	266	Pprop	1.5873	0	-1.8277	0	0.188	0	-0.0213
NE+3.30	B795	266	Pprop	2.3809	0	0.0237	0	0.188	0	0.6946
NE+3.30	B795	266	Pprop	2.91	0	1.258	0	0.188	0	0.3555
NE+3.30	B795	266	Pprop	2.91	0	-3.4544	0	-0.0086	0	0.4396
NE+3.30	B795	266	Pprop	3.1745	0	-2.8372	0	-0.0086	0	1.2718
NE+3.30	B795	266	Pprop	3.9682	0	-0.9858	0	-0.0086	0	2.7889
NE+3.30	B795	266	Pprop	4.7618	0	0.8655	0	-0.0086	0	2.8367
NE+3.30	B795	266	Pprop	5.5555	0	2.7169	0	-0.0086	0	1.4151
NE+3.30	B795	266	Pprop	5.82	0	3.3341	0	-0.0086	0	0.6147
NE+3.30	B795	266	Pprop	5.82	0	-1.485	0	-0.1479	0	0.5013
NE+3.30	B795	266	Pprop	6.3491	0	-0.2507	0	-0.1479	0	0.9605
NE+3.30	B795	266	Pprop	7.1427	0	1.6007	0	-0.1479	0	0.4248
NE+3.30	B795	266	Pprop	7.9364	0	3.452	0	-0.1479	0	-1.5802

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B795	266	Pprop	8.73	0	5.3034	0	-0.1479	0	-5.0546
NE+3.30	B795	266	Viva	0	0	-5.4286	0	0.7879	0	-4.9956
NE+3.30	B795	266	Viva	0.7936	0	-3.8539	0	0.7879	0	-1.1039
NE+3.30	B795	266	Viva	1.5873	0	-0.5448	0	0.7879	0	0.6432
NE+3.30	B795	266	Viva	2.3809	0	2.5347	0	0.7879	0	-0.2154
NE+3.30	B795	266	Viva	2.91	0	3.2345	0	0.7879	0	-1.8033
NE+3.30	B795	266	Viva	2.91	0	-4.3769	0	-0.0137	0	-1.0241
NE+3.30	B795	266	Viva	3.1745	0	-4.2019	0	-0.0137	0	0.1184
NE+3.30	B795	266	Viva	3.9682	0	-1.7021	0	-0.0137	0	2.6293
NE+3.30	B795	266	Viva	4.7618	0	1.6114	0	-0.0137	0	2.6653
NE+3.30	B795	266	Viva	5.5555	0	4.1113	0	-0.0137	0	0.2263
NE+3.30	B795	266	Viva	5.82	0	4.2862	0	-0.0137	0	-0.8921
NE+3.30	B795	266	Viva	5.82	0	-3.3475	0	-0.8599	0	-1.7483
NE+3.30	B795	266	Viva	6.3491	0	-2.6476	0	-0.8599	0	-0.1006
NE+3.30	B795	266	Viva	7.1427	0	0.4318	0	-0.8599	0	0.8476
NE+3.30	B795	266	Viva	7.9364	0	3.741	0	-0.8599	0	-0.8099
NE+3.30	B795	266	Viva	8.73	0	5.3156	0	-0.8599	0	-4.612
NE+3.30	B795	266	Psup	0	0	-8.3528	0	0.7185	0	-8.6527
NE+3.30	B795	266	Psup	0.7936	0	-6.244	0	0.7185	0	-2.5815
NE+3.30	B795	266	Psup	1.5873	0	-1.8124	0	0.7185	0	0.6176
NE+3.30	B795	266	Psup	2.3809	0	2.3117	0	0.7185	0	0.3271
NE+3.30	B795	266	Psup	2.91	0	3.2489	0	0.7185	0	-1.2266
NE+3.30	B795	266	Psup	2.91	0	-5.9345	0	-0.0195	0	-0.6065
NE+3.30	B795	266	Psup	3.1745	0	-5.7002	0	-0.0195	0	0.9427
NE+3.30	B795	266	Psup	3.9682	0	-2.3523	0	-0.0195	0	4.3633
NE+3.30	B795	266	Psup	4.7618	0	2.085	0	-0.0195	0	4.4694
NE+3.30	B795	266	Psup	5.5555	0	5.4329	0	-0.0195	0	1.261
NE+3.30	B795	266	Psup	5.82	0	5.6672	0	-0.0195	0	-0.2176
NE+3.30	B795	266	Psup	5.82	0	-3.5345	0	-0.7446	0	-0.9311
NE+3.30	B795	266	Psup	6.3491	0	-2.5973	0	-0.7446	0	0.7737
NE+3.30	B795	266	Psup	7.1427	0	1.5268	0	-0.7446	0	1.2909
NE+3.30	B795	266	Psup	7.9364	0	5.9584	0	-0.7446	0	-1.6816
NE+3.30	B795	266	Psup	8.73	0	8.0671	0	-0.7446	0	-7.5261
NE+3.30	B795	266	Viva.cub	0	0	0.0296	0	0.0029	0	0.0568
NE+3.30	B795	266	Viva.cub	0.7936	0	0.0296	0	0.0029	0	0.0333
NE+3.30	B795	266	Viva.cub	1.5873	0	0.0296	0	0.0029	0	0.0098
NE+3.30	B795	266	Viva.cub	2.3809	0	0.0296	0	0.0029	0	-0.0137
NE+3.30	B795	266	Viva.cub	2.91	0	0.0296	0	0.0029	0	-0.0294
NE+3.30	B795	266	Viva.cub	2.91	0	-0.0022	0	0.0004	0	-0.0209
NE+3.30	B795	266	Viva.cub	3.1745	0	-0.0022	0	0.0004	0	-0.0203
NE+3.30	B795	266	Viva.cub	3.9682	0	-0.0022	0	0.0004	0	-0.0185
NE+3.30	B795	266	Viva.cub	4.7618	0	-0.0022	0	0.0004	0	-0.0167
NE+3.30	B795	266	Viva.cub	5.5555	0	-0.0022	0	0.0004	0	-0.015
NE+3.30	B795	266	Viva.cub	5.82	0	-0.0022	0	0.0004	0	-0.0144
NE+3.30	B795	266	Viva.cub	5.82	0	-0.0212	0	-0.0058	0	-0.0203

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B795	266	Viva.cub	6.3491	0	-0.0212	0	-0.0058	0	-0.0091
NE+3.30	B795	266	Viva.cub	7.1427	0	-0.0212	0	-0.0058	0	0.0077
NE+3.30	B795	266	Viva.cub	7.9364	0	-0.0212	0	-0.0058	0	0.0246
NE+3.30	B795	266	Viva.cub	8.73	0	-0.0212	0	-0.0058	0	0.0414
NE+3.30	B795	266	DISX-COMB Max	0	0	1.1255	0	0.2513	0	6.6846
NE+3.30	B795	266	DISX-COMB Max	0.7936	0	1.1255	0	0.2513	0	5.8298
NE+3.30	B795	266	DISX-COMB Max	1.5873	0	1.1255	0	0.2513	0	4.9885
NE+3.30	B795	266	DISX-COMB Max	2.3809	0	1.1255	0	0.2513	0	4.1689
NE+3.30	B795	266	DISX-COMB Max	2.91	0	1.1255	0	0.2513	0	3.6417
NE+3.30	B795	266	DISX-COMB Max	2.91	0	2.0802	0	0.5076	0	2.7346
NE+3.30	B795	266	DISX-COMB Max	3.1745	0	2.0802	0	0.5076	0	2.1894
NE+3.30	B795	266	DISX-COMB Max	3.9682	0	2.0802	0	0.5076	0	0.6116
NE+3.30	B795	266	DISX-COMB Max	4.7618	0	2.0802	0	0.5076	0	1.1856
NE+3.30	B795	266	DISX-COMB Max	5.5555	0	2.0802	0	0.5076	0	2.8086
NE+3.30	B795	266	DISX-COMB Max	5.82	0	2.0802	0	0.5076	0	3.3556
NE+3.30	B795	266	DISX-COMB Max	5.82	0	0.6078	0	0.2847	0	4.7026
NE+3.30	B795	266	DISX-COMB Max	6.3491	0	0.6078	0	0.2847	0	4.7286
NE+3.30	B795	266	DISX-COMB Max	7.1427	0	0.6078	0	0.2847	0	4.8078
NE+3.30	B795	266	DISX-COMB Max	7.9364	0	0.6078	0	0.2847	0	4.9331
NE+3.30	B795	266	DISX-COMB Max	8.73	0	0.6078	0	0.2847	0	5.1011
NE+3.30	B795	266	DISY-COMB Max	0	0	3.477	0	0.8822	0	5.7346
NE+3.30	B795	266	DISY-COMB Max	0.7936	0	3.477	0	0.8822	0	3.0276
NE+3.30	B795	266	DISY-COMB Max	1.5873	0	3.477	0	0.8822	0	0.8228
NE+3.30	B795	266	DISY-COMB Max	2.3809	0	3.477	0	0.8822	0	2.7235
NE+3.30	B795	266	DISY-COMB Max	2.91	0	3.477	0	0.8822	0	4.5135
NE+3.30	B795	266	DISY-COMB Max	2.91	0	0.3475	0	0.2727	0	3.1687
NE+3.30	B795	266	DISY-COMB Max	3.1745	0	0.3475	0	0.2727	0	3.1084
NE+3.30	B795	266	DISY-COMB Max	3.9682	0	0.3475	0	0.2727	0	2.9372
NE+3.30	B795	266	DISY-COMB Max	4.7618	0	0.3475	0	0.2727	0	2.783
NE+3.30	B795	266	DISY-COMB Max	5.5555	0	0.3475	0	0.2727	0	2.6485
NE+3.30	B795	266	DISY-COMB Max	5.82	0	0.3475	0	0.2727	0	2.6087
NE+3.30	B795	266	DISY-COMB Max	5.82	0	4.0847	0	1.4454	0	4.2059
NE+3.30	B795	266	DISY-COMB Max	6.3491	0	4.0847	0	1.4454	0	2.098
NE+3.30	B795	266	DISY-COMB Max	7.1427	0	4.0847	0	1.4454	0	1.4092
NE+3.30	B795	266	DISY-COMB Max	7.9364	0	4.0847	0	1.4454	0	4.5375
NE+3.30	B795	266	DISY-COMB Max	8.73	0	4.0847	0	1.4454	0	7.7595
NE+3.30	B795	266	B241	0	0	-17.9968	0	1.175	0	-18.814
NE+3.30	B795	266	B241	0.7936	0	-12.8632	0	1.175	0	-6.2066
NE+3.30	B795	266	B241	1.5873	0	-4.7186	0	1.175	0	0.773
NE+3.30	B795	266	B241	2.3809	0	3.0274	0	1.175	0	1.3244
NE+3.30	B795	266	B241	2.91	0	5.8422	0	1.175	0	-1.1292
NE+3.30	B795	266	B241	2.91	0	-12.1707	0	-0.0364	0	-0.2163
NE+3.30	B795	266	B241	3.1745	0	-11.067	0	-0.0364	0	2.8708
NE+3.30	B795	266	B241	3.9682	0	-4.3273	0	-0.0364	0	9.2714
NE+3.30	B795	266	B241	4.7618	0	3.8248	0	-0.0364	0	9.4708

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B795	266	B241	5.5555	0	10.5646	0	-0.0364	0	3.4689
NE+3.30	B795	266	B241	5.82	0	11.6683	0	-0.0364	0	0.5147
NE+3.30	B795	266	B241	5.82	0	-6.5068	0	-1.157	0	-0.5572
NE+3.30	B795	266	B241	6.3491	0	-3.6919	0	-1.157	0	2.248
NE+3.30	B795	266	B241	7.1427	0	4.054	0	-1.157	0	2.224
NE+3.30	B795	266	B241	7.9364	0	12.1987	0	-1.157	0	-4.2282
NE+3.30	B795	266	B241	8.73	0	17.3322	0	-1.157	0	-16.3082
NE+3.30	B795	266	B242	0	0	-24.0967	0	2.2693	0	-24.0909
NE+3.30	B795	266	B242	0.7936	0	-17.1771	0	2.2693	0	-7.0695
NE+3.30	B795	266	B242	1.5873	0	-4.9013	0	2.2693	0	1.6967
NE+3.30	B795	266	B242	2.3809	0	6.6652	0	2.2693	0	0.7837
NE+3.30	B795	266	B242	2.91	0	10.1977	0	2.2693	0	-3.8678
NE+3.30	B795	266	B242	2.91	0	-17.4362	0	-0.0529	0	-1.8344
NE+3.30	B795	266	B242	3.1745	0	-16.2102	0	-0.0529	0	2.6399
NE+3.30	B795	266	B242	3.9682	0	-6.4335	0	-0.0529	0	12.1445
NE+3.30	B795	266	B242	4.7618	0	5.8555	0	-0.0529	0	12.3739
NE+3.30	B795	266	B242	5.5555	0	15.6322	0	-0.0529	0	3.328
NE+3.30	B795	266	B242	5.82	0	16.8582	0	-0.0529	0	-0.9934
NE+3.30	B795	266	B242	5.82	0	-10.9438	0	-2.3704	0	-3.2851
NE+3.30	B795	266	B242	6.3491	0	-7.4113	0	-2.3704	0	1.7613
NE+3.30	B795	266	B242	7.1427	0	4.1552	0	-2.3704	0	3.2663
NE+3.30	B795	266	B242	7.9364	0	16.431	0	-2.3704	0	-4.9077
NE+3.30	B795	266	B242	8.73	0	23.3506	0	-2.3704	0	-21.337
NE+3.30	B796	269	Pprop	0	0	-5.2878	0	0.1802	0	-4.8347
NE+3.30	B796	269	Pprop	0.54	0	-4.0281	0	0.1802	0	-2.3194
NE+3.30	B796	269	Pprop	1.08	0	-2.7684	0	0.1802	0	-0.4843
NE+3.30	B796	269	Pprop	1.62	0	-1.5087	0	0.1802	0	0.6705
NE+3.30	B796	269	Pprop	2.16	0	-0.249	0	0.1802	0	1.1451
NE+3.30	B796	269	Pprop	2.7	0	1.0107	0	0.1802	0	0.9394
NE+3.30	B796	269	Pprop	2.97	0	1.6406	0	0.1802	0	0.5815
NE+3.30	B796	269	Pprop	2.97	0	-1.8306	0	-0.1266	0	0.5794
NE+3.30	B796	269	Pprop	3.24	0	-1.2008	0	-0.1266	0	0.9886
NE+3.30	B796	269	Pprop	3.78	0	0.059	0	-0.1266	0	1.2969
NE+3.30	B796	269	Pprop	4.32	0	1.3187	0	-0.1266	0	0.925
NE+3.30	B796	269	Pprop	4.86	0	2.5784	0	-0.1266	0	-0.1272
NE+3.30	B796	269	Pprop	5.4	0	3.8381	0	-0.1266	0	-1.8597
NE+3.30	B796	269	Pprop	5.94	0	5.0978	0	-0.1266	0	-4.2724
NE+3.30	B796	269	Viva	0	0	-5.8962	0	0.3073	0	-4.8523
NE+3.30	B796	269	Viva	0.54	0	-5.1672	0	0.3073	0	-1.7996
NE+3.30	B796	269	Viva	1.08	0	-3.1302	0	0.3073	0	0.478
NE+3.30	B796	269	Viva	1.62	0	-0.8757	0	0.3073	0	1.5596
NE+3.30	B796	269	Viva	2.16	0	1.3772	0	0.3073	0	1.4238
NE+3.30	B796	269	Viva	2.7	0	2.8352	0	0.3073	0	0.2208
NE+3.30	B796	269	Viva	2.97	0	3.0175	0	0.3073	0	-0.5775
NE+3.30	B796	269	Viva	2.97	0	-3.1281	0	-0.2889	0	-0.5992

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B796	269	Viva	3.24	0	-2.9458	0	-0.2889	0	0.229
NE+3.30	B796	269	Viva	3.78	0	-1.4878	0	-0.2889	0	1.4917
NE+3.30	B796	269	Viva	4.32	0	0.7651	0	-0.2889	0	1.6872
NE+3.30	B796	269	Viva	4.86	0	3.0196	0	-0.2889	0	0.6653
NE+3.30	B796	269	Viva	5.4	0	5.0566	0	-0.2889	0	-1.5526
NE+3.30	B796	269	Viva	5.94	0	5.7856	0	-0.2889	0	-4.5456
NE+3.30	B796	269	Psup	0	0	-8.2962	0	0.3692	0	-7.5126
NE+3.30	B796	269	Psup	0.54	0	-7.3199	0	0.3692	0	-3.2083
NE+3.30	B796	269	Psup	1.08	0	-4.5921	0	0.3692	0	0.0579
NE+3.30	B796	269	Psup	1.62	0	-1.5729	0	0.3692	0	1.7225
NE+3.30	B796	269	Psup	2.16	0	1.4443	0	0.3692	0	1.7566
NE+3.30	B796	269	Psup	2.7	0	3.3968	0	0.3692	0	0.3617
NE+3.30	B796	269	Psup	2.97	0	3.6409	0	0.3692	0	-0.5994
NE+3.30	B796	269	Psup	2.97	0	-4.0016	0	-0.2609	0	-0.5933
NE+3.30	B796	269	Psup	3.24	0	-3.7575	0	-0.2609	0	0.4652
NE+3.30	B796	269	Psup	3.78	0	-1.8049	0	-0.2609	0	2.0549
NE+3.30	B796	269	Psup	4.32	0	1.2122	0	-0.2609	0	2.2155
NE+3.30	B796	269	Psup	4.86	0	4.2314	0	-0.2609	0	0.7457
NE+3.30	B796	269	Psup	5.4	0	6.9593	0	-0.2609	0	-2.3258
NE+3.30	B796	269	Psup	5.94	0	7.9356	0	-0.2609	0	-6.4353
NE+3.30	B796	269	Viva.cub	0	0	0.0166	0	0.0036	0	0.024
NE+3.30	B796	269	Viva.cub	0.54	0	0.0166	0	0.0036	0	0.0151
NE+3.30	B796	269	Viva.cub	1.08	0	0.0166	0	0.0036	0	0.0061
NE+3.30	B796	269	Viva.cub	1.62	0	0.0166	0	0.0036	0	-0.0028
NE+3.30	B796	269	Viva.cub	2.16	0	0.0166	0	0.0036	0	-0.0118
NE+3.30	B796	269	Viva.cub	2.7	0	0.0166	0	0.0036	0	-0.0207
NE+3.30	B796	269	Viva.cub	2.97	0	0.0166	0	0.0036	0	-0.0252
NE+3.30	B796	269	Viva.cub	2.97	0	-0.0199	0	-0.0018	0	-0.0206
NE+3.30	B796	269	Viva.cub	3.24	0	-0.0199	0	-0.0018	0	-0.0152
NE+3.30	B796	269	Viva.cub	3.78	0	-0.0199	0	-0.0018	0	-0.0045
NE+3.30	B796	269	Viva.cub	4.32	0	-0.0199	0	-0.0018	0	0.0062
NE+3.30	B796	269	Viva.cub	4.86	0	-0.0199	0	-0.0018	0	0.017
NE+3.30	B796	269	Viva.cub	5.4	0	-0.0199	0	-0.0018	0	0.0277
NE+3.30	B796	269	Viva.cub	5.94	0	-0.0199	0	-0.0018	0	0.0384
NE+3.30	B796	269	DISX-COMB Max	0	0	2.9057	0	0.2785	0	9.3928
NE+3.30	B796	269	DISX-COMB Max	0.54	0	2.9057	0	0.2785	0	7.8333
NE+3.30	B796	269	DISX-COMB Max	1.08	0	2.9057	0	0.2785	0	6.2786
NE+3.30	B796	269	DISX-COMB Max	1.62	0	2.9057	0	0.2785	0	4.7333
NE+3.30	B796	269	DISX-COMB Max	2.16	0	2.9057	0	0.2785	0	3.2112
NE+3.30	B796	269	DISX-COMB Max	2.7	0	2.9057	0	0.2785	0	1.773
NE+3.30	B796	269	DISX-COMB Max	2.97	0	2.9057	0	0.2785	0	1.1858
NE+3.30	B796	269	DISX-COMB Max	2.97	0	1.5392	0	0.2892	0	2.4074
NE+3.30	B796	269	DISX-COMB Max	3.24	0	1.5392	0	0.2892	0	2.6437
NE+3.30	B796	269	DISX-COMB Max	3.78	0	1.5392	0	0.2892	0	3.2267
NE+3.30	B796	269	DISX-COMB Max	4.32	0	1.5392	0	0.2892	0	3.9008

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B796	269	DISX-COMB Max	4.86	0	1.5392	0	0.2892	0	4.6263
NE+3.30	B796	269	DISX-COMB Max	5.4	0	1.5392	0	0.2892	0	5.3824
NE+3.30	B796	269	DISX-COMB Max	5.94	0	1.5392	0	0.2892	0	6.1579
NE+3.30	B796	269	DISY-COMB Max	0	0	3.6123	0	0.3946	0	5.252
NE+3.30	B796	269	DISY-COMB Max	0.54	0	3.6123	0	0.3946	0	3.3361
NE+3.30	B796	269	DISY-COMB Max	1.08	0	3.6123	0	0.3946	0	1.5116
NE+3.30	B796	269	DISY-COMB Max	1.62	0	3.6123	0	0.3946	0	1.025
NE+3.30	B796	269	DISY-COMB Max	2.16	0	3.6123	0	0.3946	0	2.7251
NE+3.30	B796	269	DISY-COMB Max	2.7	0	3.6123	0	0.3946	0	4.6272
NE+3.30	B796	269	DISY-COMB Max	2.97	0	3.6123	0	0.3946	0	5.5909
NE+3.30	B796	269	DISY-COMB Max	2.97	0	4.7523	0	0.6436	0	5.3987
NE+3.30	B796	269	DISY-COMB Max	3.24	0	4.7523	0	0.6436	0	4.1236
NE+3.30	B796	269	DISY-COMB Max	3.78	0	4.7523	0	0.6436	0	1.6119
NE+3.30	B796	269	DISY-COMB Max	4.32	0	4.7523	0	0.6436	0	1.1679
NE+3.30	B796	269	DISY-COMB Max	4.86	0	4.7523	0	0.6436	0	3.647
NE+3.30	B796	269	DISY-COMB Max	5.4	0	4.7523	0	0.6436	0	6.1975
NE+3.30	B796	269	DISY-COMB Max	5.94	0	4.7523	0	0.6436	0	8.7571
NE+3.30	B796	269	B241	0	0	-17.609	0	0.7122	0	-16.0057
NE+3.30	B796	269	B241	0.54	0	-14.7105	0	0.7122	0	-7.1655
NE+3.30	B796	269	B241	1.08	0	-9.5414	0	0.7122	0	-0.5527
NE+3.30	B796	269	B241	1.62	0	-3.9946	0	0.7122	0	3.102
NE+3.30	B796	269	B241	2.16	0	1.5494	0	0.7122	0	3.7615
NE+3.30	B796	269	B241	2.7	0	5.7135	0	0.7122	0	1.6866
NE+3.30	B796	269	B241	2.97	0	6.8464	0	0.7122	0	-0.0232
NE+3.30	B796	269	B241	2.97	0	-7.5602	0	-0.5023	0	-0.018
NE+3.30	B796	269	B241	3.24	0	-6.4273	0	-0.5023	0	1.8846
NE+3.30	B796	269	B241	3.78	0	-2.2633	0	-0.5023	0	4.345
NE+3.30	B796	269	B241	4.32	0	3.2808	0	-0.5023	0	4.071
NE+3.30	B796	269	B241	4.86	0	8.8275	0	-0.5023	0	0.8017
NE+3.30	B796	269	B241	5.4	0	13.9966	0	-0.5023	0	-5.4256
NE+3.30	B796	269	B241	5.94	0	16.8951	0	-0.5023	0	-13.8803
NE+3.30	B796	269	B242	0	0	-24.519	0	1.1039	0	-21.4709
NE+3.30	B796	269	B242	0.54	0	-20.8681	0	1.1039	0	-9.0137
NE+3.30	B796	269	B242	1.08	0	-13.1784	0	1.1039	0	0.2942
NE+3.30	B796	269	B242	1.62	0	-4.8168	0	1.1039	0	5.1529
NE+3.30	B796	269	B242	2.16	0	3.5399	0	1.1039	0	5.4963
NE+3.30	B796	269	B242	2.7	0	9.4419	0	1.1039	0	1.7886
NE+3.30	B796	269	B242	2.97	0	10.7046	0	1.1039	0	-0.9565
NE+3.30	B796	269	B242	2.97	0	-11.495	0	-0.8936	0	-0.9844
NE+3.30	B796	269	B242	3.24	0	-10.2324	0	-0.8936	0	1.9742
NE+3.30	B796	269	B242	3.78	0	-4.3304	0	-0.8936	0	6.1087
NE+3.30	B796	269	B242	4.32	0	4.0264	0	-0.8936	0	6.1921
NE+3.30	B796	269	B242	4.86	0	12.3879	0	-0.8936	0	1.7602
NE+3.30	B796	269	B242	5.4	0	20.0777	0	-0.8936	0	-7.1208
NE+3.30	B796	269	B242	5.94	0	23.7285	0	-0.8936	0	-19.1511

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B797	270	Pprop	0	0	-4.9245	0	0.252	0	-4.3705
NE+3.30	B797	270	Pprop	0.6227	0	-3.4718	0	0.252	0	-1.7562
NE+3.30	B797	270	Pprop	1.2455	0	-2.0191	0	0.252	0	-0.0465
NE+3.30	B797	270	Pprop	1.8682	0	-0.5664	0	0.252	0	0.7585
NE+3.30	B797	270	Pprop	2.28	0	0.3943	0	0.252	0	0.794
NE+3.30	B797	270	Pprop	2.28	0	-3.0671	0	0.1009	0	0.9188
NE+3.30	B797	270	Pprop	2.4909	0	-2.5751	0	0.1009	0	1.5138
NE+3.30	B797	270	Pprop	3.1136	0	-1.1224	0	0.1009	0	2.6651
NE+3.30	B797	270	Pprop	3.7364	0	0.3303	0	0.1009	0	2.9118
NE+3.30	B797	270	Pprop	4.3591	0	1.783	0	0.1009	0	2.2538
NE+3.30	B797	270	Pprop	4.57	0	2.275	0	0.1009	0	1.8259
NE+3.30	B797	270	Pprop	4.57	0	-1.1738	0	0.2482	0	1.8876
NE+3.30	B797	270	Pprop	4.9818	0	-0.2131	0	0.2482	0	2.1732
NE+3.30	B797	270	Pprop	5.6045	0	1.2396	0	0.2482	0	1.8536
NE+3.30	B797	270	Pprop	6.2273	0	2.6923	0	0.2482	0	0.6293
NE+3.30	B797	270	Pprop	6.85	0	4.145	0	0.2482	0	-1.4996
NE+3.30	B797	270	Viva	0	0	-4.8061	0	0.6871	0	-4.3628
NE+3.30	B797	270	Viva	0.6227	0	-3.8366	0	0.6871	0	-1.5711
NE+3.30	B797	270	Viva	1.2455	0	-1.3494	0	0.6871	0	0.0707
NE+3.30	B797	270	Viva	1.8682	0	0.8028	0	0.6871	0	0.1647
NE+3.30	B797	270	Viva	2.28	0	1.2268	0	0.6871	0	-0.2823
NE+3.30	B797	270	Viva	2.28	0	-3.4942	0	0.1239	0	0.3035
NE+3.30	B797	270	Viva	2.4909	0	-3.383	0	0.1239	0	1.0327
NE+3.30	B797	270	Viva	3.1136	0	-1.7569	0	0.1239	0	2.7336
NE+3.30	B797	270	Viva	3.7364	0	0.843	0	0.1239	0	3.0182
NE+3.30	B797	270	Viva	4.3591	0	2.4692	0	0.1239	0	1.8862
NE+3.30	B797	270	Viva	4.57	0	2.5804	0	0.1239	0	1.3498
NE+3.30	B797	270	Viva	4.57	0	-2.0884	0	-0.1101	0	0.9955
NE+3.30	B797	270	Viva	4.9818	0	-1.6644	0	-0.1101	0	1.7973
NE+3.30	B797	270	Viva	5.6045	0	0.4878	0	-0.1101	0	2.2399
NE+3.30	B797	270	Viva	6.2273	0	2.975	0	-0.1101	0	1.1346
NE+3.30	B797	270	Viva	6.85	0	3.9445	0	-0.1101	0	-1.1205
NE+3.30	B797	270	Psup	0	0	-6.8059	0	0.7064	0	-6.3191
NE+3.30	B797	270	Psup	0.6227	0	-5.5076	0	0.7064	0	-2.3504
NE+3.30	B797	270	Psup	1.2455	0	-2.1766	0	0.7064	0	0.0785
NE+3.30	B797	270	Psup	1.8682	0	0.7056	0	0.7064	0	0.4344
NE+3.30	B797	270	Psup	2.28	0	1.2734	0	0.7064	0	-0.012
NE+3.30	B797	270	Psup	2.28	0	-4.7647	0	0.1876	0	0.5267
NE+3.30	B797	270	Psup	2.4909	0	-4.6158	0	0.1876	0	1.5211
NE+3.30	B797	270	Psup	3.1136	0	-2.438	0	0.1876	0	3.8522
NE+3.30	B797	270	Psup	3.7364	0	1.0437	0	0.1876	0	4.2863
NE+3.30	B797	270	Psup	4.3591	0	3.2215	0	0.1876	0	2.8235
NE+3.30	B797	270	Psup	4.57	0	3.3704	0	0.1876	0	2.1231
NE+3.30	B797	270	Psup	4.57	0	-2.4025	0	0.091	0	1.9057
NE+3.30	B797	270	Psup	4.9818	0	-1.8347	0	0.091	0	2.8172

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B797	270	Psup	5.6045	0	1.0475	0	0.091	0	3.1644
NE+3.30	B797	270	Psup	6.2273	0	4.3785	0	0.091	0	1.4386
NE+3.30	B797	270	Psup	6.85	0	5.6768	0	0.091	0	-1.827
NE+3.30	B797	270	Viva.cub	0	0	0.0274	0	0.009	0	0.0273
NE+3.30	B797	270	Viva.cub	0.6227	0	0.0274	0	0.009	0	0.0103
NE+3.30	B797	270	Viva.cub	1.2455	0	0.0274	0	0.009	0	-0.0068
NE+3.30	B797	270	Viva.cub	1.8682	0	0.0274	0	0.009	0	-0.0239
NE+3.30	B797	270	Viva.cub	2.28	0	0.0274	0	0.009	0	-0.0351
NE+3.30	B797	270	Viva.cub	2.28	0	-0.0033	0	0.0012	0	-0.0217
NE+3.30	B797	270	Viva.cub	2.4909	0	-0.0033	0	0.0012	0	-0.021
NE+3.30	B797	270	Viva.cub	3.1136	0	-0.0033	0	0.0012	0	-0.019
NE+3.30	B797	270	Viva.cub	3.7364	0	-0.0033	0	0.0012	0	-0.0169
NE+3.30	B797	270	Viva.cub	4.3591	0	-0.0033	0	0.0012	0	-0.0148
NE+3.30	B797	270	Viva.cub	4.57	0	-0.0033	0	0.0012	0	-0.0141
NE+3.30	B797	270	Viva.cub	4.57	0	-0.0299	0	-0.0114	0	-0.0248
NE+3.30	B797	270	Viva.cub	4.9818	0	-0.0299	0	-0.0114	0	-0.0125
NE+3.30	B797	270	Viva.cub	5.6045	0	-0.0299	0	-0.0114	0	0.0061
NE+3.30	B797	270	Viva.cub	6.2273	0	-0.0299	0	-0.0114	0	0.0247
NE+3.30	B797	270	Viva.cub	6.85	0	-0.0299	0	-0.0114	0	0.0433
NE+3.30	B797	270	DISX-COMB Max	0	0	2.8786	0	0.6009	0	9.3165
NE+3.30	B797	270	DISX-COMB Max	0.6227	0	2.8786	0	0.6009	0	7.6086
NE+3.30	B797	270	DISX-COMB Max	1.2455	0	2.8786	0	0.6009	0	5.9507
NE+3.30	B797	270	DISX-COMB Max	1.8682	0	2.8786	0	0.6009	0	4.3998
NE+3.30	B797	270	DISX-COMB Max	2.28	0	2.8786	0	0.6009	0	3.5032
NE+3.30	B797	270	DISX-COMB Max	2.28	0	4.5132	0	0.8613	0	2.7836
NE+3.30	B797	270	DISX-COMB Max	2.4909	0	4.5132	0	0.8613	0	1.9384
NE+3.30	B797	270	DISX-COMB Max	3.1136	0	4.5132	0	0.8613	0	1.5962
NE+3.30	B797	270	DISX-COMB Max	3.7364	0	4.5132	0	0.8613	0	4.1395
NE+3.30	B797	270	DISX-COMB Max	4.3591	0	4.5132	0	0.8613	0	6.8936
NE+3.30	B797	270	DISX-COMB Max	4.57	0	4.5132	0	0.8613	0	7.8354
NE+3.30	B797	270	DISX-COMB Max	4.57	0	2.2702	0	0.954	0	9.8099
NE+3.30	B797	270	DISX-COMB Max	4.9818	0	2.2702	0	0.954	0	10.4167
NE+3.30	B797	270	DISX-COMB Max	5.6045	0	2.2702	0	0.954	0	11.4187
NE+3.30	B797	270	DISX-COMB Max	6.2273	0	2.2702	0	0.954	0	12.5005
NE+3.30	B797	270	DISX-COMB Max	6.85	0	2.2702	0	0.954	0	13.6431
NE+3.30	B797	270	DISY-COMB Max	0	0	6.3432	0	1.0923	0	7.0726
NE+3.30	B797	270	DISY-COMB Max	0.6227	0	6.3432	0	1.0923	0	3.1811
NE+3.30	B797	270	DISY-COMB Max	1.2455	0	6.3432	0	1.0923	0	1.1927
NE+3.30	B797	270	DISY-COMB Max	1.8682	0	6.3432	0	1.0923	0	4.892
NE+3.30	B797	270	DISY-COMB Max	2.28	0	6.3432	0	1.0923	0	7.4806
NE+3.30	B797	270	DISY-COMB Max	2.28	0	0.8461	0	0.1788	0	5.5679
NE+3.30	B797	270	DISY-COMB Max	2.4909	0	0.8461	0	0.1788	0	5.4262
NE+3.30	B797	270	DISY-COMB Max	3.1136	0	0.8461	0	0.1788	0	5.0215
NE+3.30	B797	270	DISY-COMB Max	3.7364	0	0.8461	0	0.1788	0	4.6413
NE+3.30	B797	270	DISY-COMB Max	4.3591	0	0.8461	0	0.1788	0	4.2923

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B797	270	DISY-COMB Max	4.57	0	0.8461	0	0.1788	0	4.1826
NE+3.30	B797	270	DISY-COMB Max	4.57	0	6.138	0	2.3654	0	6.2293
NE+3.30	B797	270	DISY-COMB Max	4.9818	0	6.138	0	2.3654	0	3.801
NE+3.30	B797	270	DISY-COMB Max	5.6045	0	6.138	0	2.3654	0	1.3739
NE+3.30	B797	270	DISY-COMB Max	6.2273	0	6.138	0	2.3654	0	4.3067
NE+3.30	B797	270	DISY-COMB Max	6.85	0	6.138	0	2.3654	0	8.0267
NE+3.30	B797	270	B241	0	0	-15.2061	0	1.2424	0	-13.857
NE+3.30	B797	270	B241	0.6227	0	-11.6399	0	1.2424	0	-5.3234
NE+3.30	B797	270	B241	1.2455	0	-5.439	0	1.2424	0	0.0414
NE+3.30	B797	270	B241	1.8682	0	0.1803	0	1.2424	0	1.5464
NE+3.30	B797	270	B241	2.28	0	2.1617	0	1.2424	0	1.0136
NE+3.30	B797	270	B241	2.28	0	-10.1524	0	0.3739	0	1.8738
NE+3.30	B797	270	B241	2.4909	0	-9.3216	0	0.3739	0	3.9342
NE+3.30	B797	270	B241	3.1136	0	-4.6154	0	0.3739	0	8.4484
NE+3.30	B797	270	B241	3.7364	0	1.7811	0	0.3739	0	9.3308
NE+3.30	B797	270	B241	4.3591	0	6.4873	0	0.3739	0	6.5817
NE+3.30	B797	270	B241	4.57	0	7.3181	0	0.3739	0	5.1191
NE+3.30	B797	270	B241	4.57	0	-4.6358	0	0.4397	0	4.9173
NE+3.30	B797	270	B241	4.9818	0	-2.6545	0	0.4397	0	6.469
NE+3.30	B797	270	B241	5.6045	0	2.9648	0	0.4397	0	6.5047
NE+3.30	B797	270	B241	6.2273	0	9.1658	0	0.4397	0	2.6806
NE+3.30	B797	270	B241	6.85	0	12.7319	0	0.4397	0	-4.3122
NE+3.30	B797	270	B242	0	0	-20.7098	0	2.1687	0	-18.8442
NE+3.30	B797	270	B242	0.6227	0	-16.102	0	2.1687	0	-7.0716
NE+3.30	B797	270	B242	1.2455	0	-6.8073	0	2.1687	0	0.1452
NE+3.30	B797	270	B242	1.8682	0	1.4527	0	2.1687	0	1.577
NE+3.30	B797	270	B242	2.28	0	3.8294	0	2.1687	0	0.3995
NE+3.30	B797	270	B242	2.28	0	-14.2945	0	0.5194	0	2.0809
NE+3.30	B797	270	B242	2.4909	0	-13.4044	0	0.5194	0	5.0139
NE+3.30	B797	270	B242	3.1136	0	-6.7687	0	0.5194	0	11.6058
NE+3.30	B797	270	B242	3.7364	0	2.8739	0	0.5194	0	12.8185
NE+3.30	B797	270	B242	4.3591	0	9.5096	0	0.5194	0	8.652
NE+3.30	B797	270	B242	4.57	0	10.3996	0	0.5194	0	6.5404
NE+3.30	B797	270	B242	4.57	0	-7.3299	0	0.1951	0	5.7953
NE+3.30	B797	270	B242	4.9818	0	-4.9532	0	0.1951	0	8.4143
NE+3.30	B797	270	B242	5.6045	0	3.3068	0	0.1951	0	9.1624
NE+3.30	B797	270	B242	6.2273	0	12.6015	0	0.1951	0	4.1254
NE+3.30	B797	270	B242	6.85	0	17.2094	0	0.1951	0	-5.4673
NE+3.30	B910	351	Pprop	0	0	-15.4562	0	0.8726	0	-17.6592
NE+3.30	B910	351	Pprop	0.3136	0	-14.3384	0	0.8726	0	-12.9869
NE+3.30	B910	351	Pprop	0.6273	0	-13.2206	0	0.8726	0	-8.6652
NE+3.30	B910	351	Pprop	0.9409	0	-12.1028	0	0.8726	0	-4.694
NE+3.30	B910	351	Pprop	1.2545	0	-10.985	0	0.8726	0	-1.0734
NE+3.30	B910	351	Pprop	1.5682	0	-9.8672	0	0.8726	0	2.1966
NE+3.30	B910	351	Pprop	1.8818	0	-8.7494	0	0.8726	0	5.116

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B910	351	Pprop	2.1955	0	-7.6316	0	0.8726	0	7.6848
NE+3.30	B910	351	Pprop	2.5091	0	-6.5138	0	0.8726	0	9.9031
NE+3.30	B910	351	Pprop	2.8227	0	-5.396	0	0.8726	0	11.7707
NE+3.30	B910	351	Pprop	3.1364	0	-4.2782	0	0.8726	0	13.2878
NE+3.30	B910	351	Pprop	3.45	0	-3.1604	0	0.8726	0	14.4543
NE+3.30	B910	351	Viva	0	0	-32.2501	0	1.5606	0	-41.779
NE+3.30	B910	351	Viva	0.3136	0	-31.7582	0	1.5606	0	-31.7156
NE+3.30	B910	351	Viva	0.6273	0	-30.2827	0	1.5606	0	-21.9607
NE+3.30	B910	351	Viva	0.9409	0	-27.8235	0	1.5606	0	-12.8229
NE+3.30	B910	351	Viva	1.2545	0	-24.4885	0	1.5606	0	-4.6051
NE+3.30	B910	351	Viva	1.5682	0	-21.0237	0	1.5606	0	2.5314
NE+3.30	B910	351	Viva	1.8818	0	-17.5848	0	1.5606	0	8.5852
NE+3.30	B910	351	Viva	2.1955	0	-14.1716	0	1.5606	0	13.5645
NE+3.30	B910	351	Viva	2.5091	0	-10.8999	0	1.5606	0	17.4847
NE+3.30	B910	351	Viva	2.8227	0	-8.4407	0	1.5606	0	20.4919
NE+3.30	B910	351	Viva	3.1364	0	-6.9652	0	1.5606	0	22.8822
NE+3.30	B910	351	Viva	3.45	0	-6.4733	0	1.5606	0	24.9639
NE+3.30	B910	351	Psup	0	0	-43.5397	0	1.5264	0	-56.3044
NE+3.30	B910	351	Psup	0.3136	0	-42.881	0	1.5264	0	-42.7176
NE+3.30	B910	351	Psup	0.6273	0	-40.905	0	1.5264	0	-29.544
NE+3.30	B910	351	Psup	0.9409	0	-37.6116	0	1.5264	0	-17.1967
NE+3.30	B910	351	Psup	1.2545	0	-33.1455	0	1.5264	0	-6.0816
NE+3.30	B910	351	Psup	1.5682	0	-28.5054	0	1.5264	0	3.5855
NE+3.30	B910	351	Psup	1.8818	0	-23.8999	0	1.5264	0	11.8027
NE+3.30	B910	351	Psup	2.1955	0	-19.329	0	1.5264	0	18.5809
NE+3.30	B910	351	Psup	2.5091	0	-14.9476	0	1.5264	0	23.9408
NE+3.30	B910	351	Psup	2.8227	0	-11.6542	0	1.5264	0	28.078
NE+3.30	B910	351	Psup	3.1364	0	-9.6782	0	1.5264	0	31.3888
NE+3.30	B910	351	Psup	3.45	0	-9.0195	0	1.5264	0	34.2866
NE+3.30	B910	351	Viva.cub	0	0	-0.0217	0	0.0183	0	-0.0512
NE+3.30	B910	351	Viva.cub	0.3136	0	-0.0217	0	0.0183	0	-0.0444
NE+3.30	B910	351	Viva.cub	0.6273	0	-0.0217	0	0.0183	0	-0.0376
NE+3.30	B910	351	Viva.cub	0.9409	0	-0.0217	0	0.0183	0	-0.0307
NE+3.30	B910	351	Viva.cub	1.2545	0	-0.0217	0	0.0183	0	-0.0239
NE+3.30	B910	351	Viva.cub	1.5682	0	-0.0217	0	0.0183	0	-0.0171
NE+3.30	B910	351	Viva.cub	1.8818	0	-0.0217	0	0.0183	0	-0.0103
NE+3.30	B910	351	Viva.cub	2.1955	0	-0.0217	0	0.0183	0	-0.0035
NE+3.30	B910	351	Viva.cub	2.5091	0	-0.0217	0	0.0183	0	0.0034
NE+3.30	B910	351	Viva.cub	2.8227	0	-0.0217	0	0.0183	0	0.0102
NE+3.30	B910	351	Viva.cub	3.1364	0	-0.0217	0	0.0183	0	0.017
NE+3.30	B910	351	Viva.cub	3.45	0	-0.0217	0	0.0183	0	0.0238
NE+3.30	B910	351	DISX-COMB Max	0	0	2.2577	0	0.8079	0	8.6615
NE+3.30	B910	351	DISX-COMB Max	0.3136	0	2.2577	0	0.8079	0	8.8491
NE+3.30	B910	351	DISX-COMB Max	0.6273	0	2.2577	0	0.8079	0	9.0881
NE+3.30	B910	351	DISX-COMB Max	0.9409	0	2.2577	0	0.8079	0	9.3747

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B910	351	DISX-COMB Max	1.2545	0	2.2577	0	0.8079	0	9.7046
NE+3.30	B910	351	DISX-COMB Max	1.5682	0	2.2577	0	0.8079	0	10.0735
NE+3.30	B910	351	DISX-COMB Max	1.8818	0	2.2577	0	0.8079	0	10.4773
NE+3.30	B910	351	DISX-COMB Max	2.1955	0	2.2577	0	0.8079	0	10.9122
NE+3.30	B910	351	DISX-COMB Max	2.5091	0	2.2577	0	0.8079	0	11.3746
NE+3.30	B910	351	DISX-COMB Max	2.8227	0	2.2577	0	0.8079	0	11.8612
NE+3.30	B910	351	DISX-COMB Max	3.1364	0	2.2577	0	0.8079	0	12.3693
NE+3.30	B910	351	DISX-COMB Max	3.45	0	2.2577	0	0.8079	0	12.8962
NE+3.30	B910	351	DISY-COMB Max	0	0	9.1723	0	1.6317	0	12.802
NE+3.30	B910	351	DISY-COMB Max	0.3136	0	9.1723	0	1.6317	0	9.9299
NE+3.30	B910	351	DISY-COMB Max	0.6273	0	9.1723	0	1.6317	0	7.0615
NE+3.30	B910	351	DISY-COMB Max	0.9409	0	9.1723	0	1.6317	0	4.2046
NE+3.30	B910	351	DISY-COMB Max	1.2545	0	9.1723	0	1.6317	0	1.4298
NE+3.30	B910	351	DISY-COMB Max	1.5682	0	9.1723	0	1.6317	0	1.7209
NE+3.30	B910	351	DISY-COMB Max	1.8818	0	9.1723	0	1.6317	0	4.52
NE+3.30	B910	351	DISY-COMB Max	2.1955	0	9.1723	0	1.6317	0	7.3791
NE+3.30	B910	351	DISY-COMB Max	2.5091	0	9.1723	0	1.6317	0	10.2481
NE+3.30	B910	351	DISY-COMB Max	2.8227	0	9.1723	0	1.6317	0	13.1205
NE+3.30	B910	351	DISY-COMB Max	3.1364	0	9.1723	0	1.6317	0	15.9945
NE+3.30	B910	351	DISY-COMB Max	3.45	0	9.1723	0	1.6317	0	18.8693
NE+3.30	B910	351	B241	0	0	-76.4761	0	3.1098	0	-95.8788
NE+3.30	B910	351	B241	0.3136	0	-74.1733	0	3.1098	0	-72.2096
NE+3.30	B910	351	B241	0.6273	0	-70.1628	0	3.1098	0	-49.5304
NE+3.30	B910	351	B241	0.9409	0	-64.4446	0	3.1098	0	-28.3769
NE+3.30	B910	351	B241	1.2545	0	-57.2062	0	3.1098	0	-9.275
NE+3.30	B910	351	B241	1.5682	0	-49.7422	0	3.1098	0	7.4953
NE+3.30	B910	351	B241	1.8818	0	-42.3232	0	3.1098	0	21.9317
NE+3.30	B910	351	B241	2.1955	0	-34.9489	0	3.1098	0	34.0482
NE+3.30	B910	351	B241	2.5091	0	-27.8202	0	3.1098	0	43.8716
NE+3.30	B910	351	B241	2.8227	0	-22.1021	0	3.1098	0	51.6557
NE+3.30	B910	351	B241	3.1364	0	-18.0916	0	3.1098	0	57.9142
NE+3.30	B910	351	B241	3.45	0	-15.7887	0	3.1098	0	63.1826
NE+3.30	B910	351	B242	0	0	-117.1619	0	5.1716	0	-149.0538
NE+3.30	B910	351	B242	0.3136	0	-114.4011	0	5.1716	0	-112.6611
NE+3.30	B910	351	B242	0.6273	0	-108.6027	0	5.1716	0	-77.6106
NE+3.30	B910	351	B242	0.9409	0	-99.7667	0	5.1716	0	-44.8551
NE+3.30	B910	351	B242	1.2545	0	-88.2264	0	5.1716	0	-15.3301
NE+3.30	B910	351	B242	1.5682	0	-76.2851	0	5.1716	0	10.4662
NE+3.30	B910	351	B242	1.8818	0	-64.4235	0	5.1716	0	32.5297
NE+3.30	B910	351	B242	2.1955	0	-52.6416	0	5.1716	0	50.8856
NE+3.30	B910	351	B242	2.5091	0	-41.2966	0	5.1716	0	65.5815
NE+3.30	B910	351	B242	2.8227	0	-32.4606	0	5.1716	0	77.0686
NE+3.30	B910	351	B242	3.1364	0	-26.6622	0	5.1716	0	86.2607
NE+3.30	B910	351	B242	3.45	0	-23.9014	0	5.1716	0	94.1106
NE+3.30	B911	352	Pprop	0	0	-0.7751	0	-0.8799	0	14.789

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B911	352	Pprop	0.48	0	0.9356	0	-0.8799	0	14.7505
NE+3.30	B911	352	Pprop	0.96	0	2.6463	0	-0.8799	0	13.8908
NE+3.30	B911	352	Pprop	1.44	0	4.3571	0	-0.8799	0	12.21
NE+3.30	B911	352	Pprop	1.92	0	6.0678	0	-0.8799	0	9.708
NE+3.30	B911	352	Pprop	2.4	0	7.7785	0	-0.8799	0	6.3849
NE+3.30	B911	352	Pprop	2.88	0	9.4892	0	-0.8799	0	2.2406
NE+3.30	B911	352	Pprop	3.36	0	11.1999	0	-0.8799	0	-2.7248
NE+3.30	B911	352	Pprop	3.84	0	12.9107	0	-0.8799	0	-8.5113
NE+3.30	B911	352	Pprop	4.32	0	14.6214	0	-0.8799	0	-15.119
NE+3.30	B911	352	Pprop	4.8	0	16.3321	0	-0.8799	0	-22.5478
NE+3.30	B911	352	Pprop	5.28	0	18.0428	0	-0.8799	0	-30.7978
NE+3.30	B911	352	Viva	0	0	-7.7465	0	-1.554	0	25.067
NE+3.30	B911	352	Viva	0.48	0	-6.5945	0	-1.554	0	28.601
NE+3.30	B911	352	Viva	0.96	0	-3.1385	0	-1.554	0	31.029
NE+3.30	B911	352	Viva	1.44	0	1.8286	0	-1.554	0	31.3586
NE+3.30	B911	352	Viva	1.92	0	6.8806	0	-1.554	0	29.2683
NE+3.30	B911	352	Viva	2.4	0	11.9327	0	-1.554	0	24.7531
NE+3.30	B911	352	Viva	2.88	0	16.9847	0	-1.554	0	17.813
NE+3.30	B911	352	Viva	3.36	0	22.0367	0	-1.554	0	8.4479
NE+3.30	B911	352	Viva	3.84	0	27.0887	0	-1.554	0	-3.3422
NE+3.30	B911	352	Viva	4.32	0	32.0532	0	-1.554	0	-17.5518
NE+3.30	B911	352	Viva	4.8	0	35.5092	0	-1.554	0	-33.8589
NE+3.30	B911	352	Viva	5.28	0	36.6612	0	-1.554	0	-51.272
NE+3.30	B911	352	Psup	0	0	-7.5642	0	-2.7752	0	34.5672
NE+3.30	B911	352	Psup	0.48	0	-6.0214	0	-2.7752	0	37.9512
NE+3.30	B911	352	Psup	0.96	0	-1.3931	0	-2.7752	0	39.8541
NE+3.30	B911	352	Psup	1.44	0	5.2588	0	-2.7752	0	38.9466
NE+3.30	B911	352	Psup	1.92	0	12.0245	0	-2.7752	0	34.7986
NE+3.30	B911	352	Psup	2.4	0	18.7901	0	-2.7752	0	27.4031
NE+3.30	B911	352	Psup	2.88	0	25.5558	0	-2.7752	0	16.7601
NE+3.30	B911	352	Psup	3.36	0	32.3214	0	-2.7752	0	2.8696
NE+3.30	B911	352	Psup	3.84	0	39.087	0	-2.7752	0	-14.2685
NE+3.30	B911	352	Psup	4.32	0	45.7355	0	-2.7752	0	-34.6467
NE+3.30	B911	352	Psup	4.8	0	50.3638	0	-2.7752	0	-57.834
NE+3.30	B911	352	Psup	5.28	0	51.9066	0	-2.7752	0	-82.5023
NE+3.30	B911	352	Viva.cub	0	0	0.0089	0	-0.0101	0	0.0249
NE+3.30	B911	352	Viva.cub	0.48	0	0.0089	0	-0.0101	0	0.0206
NE+3.30	B911	352	Viva.cub	0.96	0	0.0089	0	-0.0101	0	0.0163
NE+3.30	B911	352	Viva.cub	1.44	0	0.0089	0	-0.0101	0	0.0121
NE+3.30	B911	352	Viva.cub	1.92	0	0.0089	0	-0.0101	0	0.0078
NE+3.30	B911	352	Viva.cub	2.4	0	0.0089	0	-0.0101	0	0.0035
NE+3.30	B911	352	Viva.cub	2.88	0	0.0089	0	-0.0101	0	-0.0007
NE+3.30	B911	352	Viva.cub	3.36	0	0.0089	0	-0.0101	0	-0.005
NE+3.30	B911	352	Viva.cub	3.84	0	0.0089	0	-0.0101	0	-0.0093
NE+3.30	B911	352	Viva.cub	4.32	0	0.0089	0	-0.0101	0	-0.0136

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B911	352	Viva.cub	4.8	0	0.0089	0	-0.0101	0	-0.0178
NE+3.30	B911	352	Viva.cub	5.28	0	0.0089	0	-0.0101	0	-0.0221
NE+3.30	B911	352	DISX-COMB Max	0	0	3.3028	0	0.4098	0	3.5713
NE+3.30	B911	352	DISX-COMB Max	0.48	0	3.3028	0	0.4098	0	2.8521
NE+3.30	B911	352	DISX-COMB Max	0.96	0	3.3028	0	0.4098	0	2.9225
NE+3.30	B911	352	DISX-COMB Max	1.44	0	3.3028	0	0.4098	0	3.7382
NE+3.30	B911	352	DISX-COMB Max	1.92	0	3.3028	0	0.4098	0	4.9431
NE+3.30	B911	352	DISX-COMB Max	2.4	0	3.3028	0	0.4098	0	6.3183
NE+3.30	B911	352	DISX-COMB Max	2.88	0	3.3028	0	0.4098	0	7.7739
NE+3.30	B911	352	DISX-COMB Max	3.36	0	3.3028	0	0.4098	0	9.2721
NE+3.30	B911	352	DISX-COMB Max	3.84	0	3.3028	0	0.4098	0	10.7953
NE+3.30	B911	352	DISX-COMB Max	4.32	0	3.3028	0	0.4098	0	12.3341
NE+3.30	B911	352	DISX-COMB Max	4.8	0	3.3028	0	0.4098	0	13.8834
NE+3.30	B911	352	DISX-COMB Max	5.28	0	3.3028	0	0.4098	0	15.4401
NE+3.30	B911	352	DISY-COMB Max	0	0	6.2383	0	1.3242	0	16.728
NE+3.30	B911	352	DISY-COMB Max	0.48	0	6.2383	0	1.3242	0	13.7409
NE+3.30	B911	352	DISY-COMB Max	0.96	0	6.2383	0	1.3242	0	10.7578
NE+3.30	B911	352	DISY-COMB Max	1.44	0	6.2383	0	1.3242	0	7.7834
NE+3.30	B911	352	DISY-COMB Max	1.92	0	6.2383	0	1.3242	0	4.8336
NE+3.30	B911	352	DISY-COMB Max	2.4	0	6.2383	0	1.3242	0	2.0198
NE+3.30	B911	352	DISY-COMB Max	2.88	0	6.2383	0	1.3242	0	1.6516
NE+3.30	B911	352	DISY-COMB Max	3.36	0	6.2383	0	1.3242	0	4.3941
NE+3.30	B911	352	DISY-COMB Max	3.84	0	6.2383	0	1.3242	0	7.3363
NE+3.30	B911	352	DISY-COMB Max	4.32	0	6.2383	0	1.3242	0	10.3086
NE+3.30	B911	352	DISY-COMB Max	4.8	0	6.2383	0	1.3242	0	13.2908
NE+3.30	B911	352	DISY-COMB Max	5.28	0	6.2383	0	1.3242	0	16.2775
NE+3.30	B911	352	B241	0	0	-10.8102	0	-4.7381	0	63.9802
NE+3.30	B911	352	B241	0.48	0	-6.5927	0	-4.7381	0	68.3169
NE+3.30	B911	352	B241	0.96	0	1.6245	0	-4.7381	0	69.6693
NE+3.30	B911	352	B241	1.44	0	12.4651	0	-4.7381	0	66.3141
NE+3.30	B911	352	B241	1.92	0	23.4529	0	-4.7381	0	57.6938
NE+3.30	B911	352	B241	2.4	0	34.4408	0	-4.7381	0	43.7993
NE+3.30	B911	352	B241	2.88	0	45.4287	0	-4.7381	0	24.6306
NE+3.30	B911	352	B241	3.36	0	56.4166	0	-4.7381	0	0.1877
NE+3.30	B911	352	B241	3.84	0	67.4044	0	-4.7381	0	-29.5294
NE+3.30	B911	352	B241	4.32	0	78.2404	0	-4.7381	0	-64.5111
NE+3.30	B911	352	B241	4.8	0	86.4576	0	-4.7381	0	-104.1986
NE+3.30	B911	352	B241	5.28	0	90.6751	0	-4.7381	0	-146.8705
NE+3.30	B911	352	B242	0	0	-21.6558	0	-6.5526	0	94.9598
NE+3.30	B911	352	B242	0.48	0	-16.1976	0	-6.5526	0	104.3292
NE+3.30	B911	352	B242	0.96	0	-3.6247	0	-6.5526	0	109.3712
NE+3.30	B911	352	B242	1.44	0	13.6146	0	-6.5526	0	107.0204
NE+3.30	B911	352	B242	1.92	0	31.116	0	-6.5526	0	96.285
NE+3.30	B911	352	B242	2.4	0	48.6174	0	-6.5526	0	77.149
NE+3.30	B911	352	B242	2.88	0	66.1188	0	-6.5526	0	49.6123

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B911	352	B242	3.36	0	83.6202	0	-6.5526	0	13.675
NE+3.30	B911	352	B242	3.84	0	101.1215	0	-6.5526	0	-30.663
NE+3.30	B911	352	B242	4.32	0	118.3528	0	-6.5526	0	-83.3849
NE+3.30	B911	352	B242	4.8	0	130.9257	0	-6.5526	0	-143.4963
NE+3.30	B911	352	B242	5.28	0	136.3838	0	-6.5526	0	-207.9352
NE+3.30	B885	705	Pprop	0	0	-20.1765	0	1.0545	0	-32.9531
NE+3.30	B885	705	Pprop	0.1982	0	-19.4702	0	1.0545	0	-29.0248
NE+3.30	B885	705	Pprop	0.3963	0	-18.764	0	1.0545	0	-25.2364
NE+3.30	B885	705	Pprop	0.5945	0	-18.0577	0	1.0545	0	-21.5881
NE+3.30	B885	705	Pprop	0.7927	0	-17.3514	0	1.0545	0	-18.0796
NE+3.30	B885	705	Pprop	0.9908	0	-16.6452	0	1.0545	0	-14.7112
NE+3.30	B885	705	Pprop	1.189	0	-15.9389	0	1.0545	0	-11.4827
NE+3.30	B885	705	Pprop	1.3872	0	-15.2327	0	1.0545	0	-8.3941
NE+3.30	B885	705	Pprop	1.5853	0	-14.5264	0	1.0545	0	-5.4455
NE+3.30	B885	705	Pprop	1.7835	0	-13.8201	0	1.0545	0	-2.6369
NE+3.30	B885	705	Pprop	1.9816	0	-13.1139	0	1.0545	0	0.0318
NE+3.30	B885	705	Pprop	2.1798	0	-12.4076	0	1.0545	0	2.5605
NE+3.30	B885	705	Viva	0	0	-28.4569	0	2.9896	0	-51.0206
NE+3.30	B885	705	Viva	0.1982	0	-28.3674	0	2.9896	0	-45.3873
NE+3.30	B885	705	Viva	0.3963	0	-28.0989	0	2.9896	0	-39.7896
NE+3.30	B885	705	Viva	0.5945	0	-27.6514	0	2.9896	0	-34.2627
NE+3.30	B885	705	Viva	0.7927	0	-27.0248	0	2.9896	0	-28.8423
NE+3.30	B885	705	Viva	0.9908	0	-26.2193	0	2.9896	0	-23.5638
NE+3.30	B885	705	Viva	1.189	0	-25.2347	0	2.9896	0	-18.4627
NE+3.30	B885	705	Viva	1.3872	0	-24.1041	0	2.9896	0	-13.5731
NE+3.30	B885	705	Viva	1.5853	0	-23.1161	0	2.9896	0	-8.8991
NE+3.30	B885	705	Viva	1.7835	0	-22.4097	0	2.9896	0	-4.3929
NE+3.30	B885	705	Viva	1.9816	0	-21.9859	0	2.9896	0	0.0012
NE+3.30	B885	705	Viva	2.1798	0	-21.8447	0	2.9896	0	4.3394
NE+3.30	B885	705	Psup	0	0	-48.2752	0	4.6481	0	-86.1476
NE+3.30	B885	705	Psup	0.1982	0	-48.1553	0	4.6481	0	-76.589
NE+3.30	B885	705	Psup	0.3963	0	-47.7957	0	4.6481	0	-67.078
NE+3.30	B885	705	Psup	0.5945	0	-47.1964	0	4.6481	0	-57.662
NE+3.30	B885	705	Psup	0.7927	0	-46.3573	0	4.6481	0	-48.3885
NE+3.30	B885	705	Psup	0.9908	0	-45.2785	0	4.6481	0	-39.3051
NE+3.30	B885	705	Psup	1.189	0	-43.96	0	4.6481	0	-30.4592
NE+3.30	B885	705	Psup	1.3872	0	-42.4459	0	4.6481	0	-21.8966
NE+3.30	B885	705	Psup	1.5853	0	-41.1227	0	4.6481	0	-13.6226
NE+3.30	B885	705	Psup	1.7835	0	-40.1768	0	4.6481	0	-5.5735
NE+3.30	B885	705	Psup	1.9816	0	-39.6092	0	4.6481	0	2.3256
NE+3.30	B885	705	Psup	2.1798	0	-39.42	0	4.6481	0	10.1498
NE+3.30	B885	705	Viva.cub	0	0	-0.0141	0	0.0087	0	-0.0433
NE+3.30	B885	705	Viva.cub	0.1982	0	-0.0141	0	0.0087	0	-0.0405
NE+3.30	B885	705	Viva.cub	0.3963	0	-0.0141	0	0.0087	0	-0.0377
NE+3.30	B885	705	Viva.cub	0.5945	0	-0.0141	0	0.0087	0	-0.0349

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B885	705	Viva.cub	0.7927	0	-0.0141	0	0.0087	0	-0.0321
NE+3.30	B885	705	Viva.cub	0.9908	0	-0.0141	0	0.0087	0	-0.0293
NE+3.30	B885	705	Viva.cub	1.189	0	-0.0141	0	0.0087	0	-0.0266
NE+3.30	B885	705	Viva.cub	1.3872	0	-0.0141	0	0.0087	0	-0.0238
NE+3.30	B885	705	Viva.cub	1.5853	0	-0.0141	0	0.0087	0	-0.021
NE+3.30	B885	705	Viva.cub	1.7835	0	-0.0141	0	0.0087	0	-0.0182
NE+3.30	B885	705	Viva.cub	1.9816	0	-0.0141	0	0.0087	0	-0.0154
NE+3.30	B885	705	Viva.cub	2.1798	0	-0.0141	0	0.0087	0	-0.0126
NE+3.30	B885	705	DISX-COMB Max	0	0	2.3084	0	1.9372	0	15.4432
NE+3.30	B885	705	DISX-COMB Max	0.1982	0	2.3084	0	1.9372	0	14.9922
NE+3.30	B885	705	DISX-COMB Max	0.3963	0	2.3084	0	1.9372	0	14.5415
NE+3.30	B885	705	DISX-COMB Max	0.5945	0	2.3084	0	1.9372	0	14.0914
NE+3.30	B885	705	DISX-COMB Max	0.7927	0	2.3084	0	1.9372	0	13.6417
NE+3.30	B885	705	DISX-COMB Max	0.9908	0	2.3084	0	1.9372	0	13.1925
NE+3.30	B885	705	DISX-COMB Max	1.189	0	2.3084	0	1.9372	0	12.7439
NE+3.30	B885	705	DISX-COMB Max	1.3872	0	2.3084	0	1.9372	0	12.296
NE+3.30	B885	705	DISX-COMB Max	1.5853	0	2.3084	0	1.9372	0	11.8488
NE+3.30	B885	705	DISX-COMB Max	1.7835	0	2.3084	0	1.9372	0	11.4024
NE+3.30	B885	705	DISX-COMB Max	1.9816	0	2.3084	0	1.9372	0	10.957
NE+3.30	B885	705	DISX-COMB Max	2.1798	0	2.3084	0	1.9372	0	10.5125
NE+3.30	B885	705	DISY-COMB Max	0	0	3.9238	0	0.3454	0	14.6735
NE+3.30	B885	705	DISY-COMB Max	0.1982	0	3.9238	0	0.3454	0	13.8963
NE+3.30	B885	705	DISY-COMB Max	0.3963	0	3.9238	0	0.3454	0	13.1192
NE+3.30	B885	705	DISY-COMB Max	0.5945	0	3.9238	0	0.3454	0	12.3422
NE+3.30	B885	705	DISY-COMB Max	0.7927	0	3.9238	0	0.3454	0	11.5652
NE+3.30	B885	705	DISY-COMB Max	0.9908	0	3.9238	0	0.3454	0	10.7884
NE+3.30	B885	705	DISY-COMB Max	1.189	0	3.9238	0	0.3454	0	10.0116
NE+3.30	B885	705	DISY-COMB Max	1.3872	0	3.9238	0	0.3454	0	9.235
NE+3.30	B885	705	DISY-COMB Max	1.5853	0	3.9238	0	0.3454	0	8.4585
NE+3.30	B885	705	DISY-COMB Max	1.7835	0	3.9238	0	0.3454	0	7.6823
NE+3.30	B885	705	DISY-COMB Max	1.9816	0	3.9238	0	0.3454	0	6.9063
NE+3.30	B885	705	DISY-COMB Max	2.1798	0	3.9238	0	0.3454	0	6.1308
NE+3.30	B885	705	B241	0	0	-88.7337	0	7.3922	0	-154.3897
NE+3.30	B885	705	B241	0.1982	0	-87.6628	0	7.3922	0	-136.9068
NE+3.30	B885	705	B241	0.3963	0	-86.2811	0	7.3922	0	-119.6669
NE+3.30	B885	705	B241	0.5945	0	-84.5886	0	7.3922	0	-102.7316
NE+3.30	B885	705	B241	0.7927	0	-82.5854	0	7.3922	0	-86.1624
NE+3.30	B885	705	B241	0.9908	0	-80.2714	0	7.3922	0	-70.0211
NE+3.30	B885	705	B241	1.189	0	-77.6467	0	7.3922	0	-54.369
NE+3.30	B885	705	B241	1.3872	0	-74.7685	0	7.3922	0	-39.2658
NE+3.30	B885	705	B241	1.5853	0	-72.1377	0	7.3922	0	-24.7179
NE+3.30	B885	705	B241	1.7835	0	-69.996	0	7.3922	0	-10.6431
NE+3.30	B885	705	B241	1.9816	0	-68.3447	0	7.3922	0	3.056
NE+3.30	B885	705	B241	2.1798	0	-67.184	0	7.3922	0	16.4764
NE+3.30	B885	705	B242	0	0	-121.5956	0	11.1239	0	-213.9886

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B885	705	B242	0.1982	0	-120.5344	0	11.1239	0	-189.9887
NE+3.30	B885	705	B242	0.3963	0	-118.9205	0	11.1239	0	-166.2538
NE+3.30	B885	705	B242	0.5945	0	-116.7538	0	11.1239	0	-142.8935
NE+3.30	B885	705	B242	0.7927	0	-114.0343	0	11.1239	0	-120.0173
NE+3.30	B885	705	B242	0.9908	0	-110.762	0	11.1239	0	-97.7348
NE+3.30	B885	705	B242	1.189	0	-106.9369	0	11.1239	0	-76.1556
NE+3.30	B885	705	B242	1.3872	0	-102.6609	0	11.1239	0	-55.3853
NE+3.30	B885	705	B242	1.5853	0	-98.8251	0	11.1239	0	-35.4358
NE+3.30	B885	705	B242	1.7835	0	-95.8592	0	11.1239	0	-16.1604
NE+3.30	B885	705	B242	1.9816	0	-93.7657	0	11.1239	0	2.6137
NE+3.30	B885	705	B242	2.1798	0	-92.5448	0	11.1239	0	21.0594
NE+3.30	B907	720	Pprop	0	0	-9.8629	0	0.4861	0	2.6866
NE+3.30	B907	720	Pprop	0.0882	0	-9.5486	0	0.4861	0	3.5424
NE+3.30	B907	720	Pprop	0.1764	0	-9.2344	0	0.4861	0	4.3706
NE+3.30	B907	720	Pprop	0.2645	0	-8.9201	0	0.4861	0	5.171
NE+3.30	B907	720	Pprop	0.3527	0	-8.6058	0	0.4861	0	5.9438
NE+3.30	B907	720	Pprop	0.4409	0	-8.2915	0	0.4861	0	6.6888
NE+3.30	B907	720	Pprop	0.5291	0	-7.9772	0	0.4861	0	7.4061
NE+3.30	B907	720	Pprop	0.6173	0	-7.663	0	0.4861	0	8.0957
NE+3.30	B907	720	Pprop	0.7055	0	-7.3487	0	0.4861	0	8.7576
NE+3.30	B907	720	Pprop	0.7936	0	-7.0344	0	0.4861	0	9.3917
NE+3.30	B907	720	Pprop	0.8818	0	-6.7201	0	0.4861	0	9.9982
NE+3.30	B907	720	Pprop	0.97	0	-6.4058	0	0.4861	0	10.5769
NE+3.30	B907	720	Viva	0	0	-12.5996	0	1.9989	0	4.7826
NE+3.30	B907	720	Viva	0.0882	0	-12.0555	0	1.9989	0	5.8699
NE+3.30	B907	720	Viva	0.1764	0	-11.4725	0	1.9989	0	6.9076
NE+3.30	B907	720	Viva	0.2645	0	-10.8506	0	1.9989	0	7.8921
NE+3.30	B907	720	Viva	0.3527	0	-10.1898	0	1.9989	0	8.8201
NE+3.30	B907	720	Viva	0.4409	0	-9.4902	0	1.9989	0	9.6881
NE+3.30	B907	720	Viva	0.5291	0	-8.7614	0	1.9989	0	10.4928
NE+3.30	B907	720	Viva	0.6173	0	-8.0618	0	1.9989	0	11.2343
NE+3.30	B907	720	Viva	0.7055	0	-7.401	0	1.9989	0	11.9158
NE+3.30	B907	720	Viva	0.7936	0	-6.7791	0	1.9989	0	12.5407
NE+3.30	B907	720	Viva	0.8818	0	-6.1961	0	1.9989	0	13.1125
NE+3.30	B907	720	Viva	0.97	0	-5.652	0	1.9989	0	13.6346
NE+3.30	B907	720	Psup	0	0	-27.0391	0	2.3844	0	10.9105
NE+3.30	B907	720	Psup	0.0882	0	-26.3104	0	2.3844	0	13.2631
NE+3.30	B907	720	Psup	0.1764	0	-25.5296	0	2.3844	0	15.5492
NE+3.30	B907	720	Psup	0.2645	0	-24.6968	0	2.3844	0	17.7641
NE+3.30	B907	720	Psup	0.3527	0	-23.8119	0	2.3844	0	19.9033
NE+3.30	B907	720	Psup	0.4409	0	-22.8749	0	2.3844	0	21.9621
NE+3.30	B907	720	Psup	0.5291	0	-21.8989	0	2.3844	0	23.9363
NE+3.30	B907	720	Psup	0.6173	0	-20.962	0	2.3844	0	25.8257
NE+3.30	B907	720	Psup	0.7055	0	-20.0771	0	2.3844	0	27.6347
NE+3.30	B907	720	Psup	0.7936	0	-19.2443	0	2.3844	0	29.3681

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B907	720	Psup	0.8818	0	-18.4635	0	2.3844	0	31.0302
NE+3.30	B907	720	Psup	0.97	0	-17.7348	0	2.3844	0	32.6259
NE+3.30	B907	720	Viva.cub	0	0	-0.0141	0	0.0112	0	-0.0136
NE+3.30	B907	720	Viva.cub	0.0882	0	-0.0141	0	0.0112	0	-0.0123
NE+3.30	B907	720	Viva.cub	0.1764	0	-0.0141	0	0.0112	0	-0.0111
NE+3.30	B907	720	Viva.cub	0.2645	0	-0.0141	0	0.0112	0	-0.0099
NE+3.30	B907	720	Viva.cub	0.3527	0	-0.0141	0	0.0112	0	-0.0086
NE+3.30	B907	720	Viva.cub	0.4409	0	-0.0141	0	0.0112	0	-0.0074
NE+3.30	B907	720	Viva.cub	0.5291	0	-0.0141	0	0.0112	0	-0.0061
NE+3.30	B907	720	Viva.cub	0.6173	0	-0.0141	0	0.0112	0	-0.0049
NE+3.30	B907	720	Viva.cub	0.7055	0	-0.0141	0	0.0112	0	-0.0037
NE+3.30	B907	720	Viva.cub	0.7936	0	-0.0141	0	0.0112	0	-0.0024
NE+3.30	B907	720	Viva.cub	0.8818	0	-0.0141	0	0.0112	0	-0.0012
NE+3.30	B907	720	Viva.cub	0.97	0	-0.0141	0	0.0112	0	0.0001
NE+3.30	B907	720	DISX-COMB Max	0	0	2.3084	0	0.4148	0	10.7226
NE+3.30	B907	720	DISX-COMB Max	0.0882	0	2.3084	0	0.4148	0	10.525
NE+3.30	B907	720	DISX-COMB Max	0.1764	0	2.3084	0	0.4148	0	10.3277
NE+3.30	B907	720	DISX-COMB Max	0.2645	0	2.3084	0	0.4148	0	10.1306
NE+3.30	B907	720	DISX-COMB Max	0.3527	0	2.3084	0	0.4148	0	9.9338
NE+3.30	B907	720	DISX-COMB Max	0.4409	0	2.3084	0	0.4148	0	9.7373
NE+3.30	B907	720	DISX-COMB Max	0.5291	0	2.3084	0	0.4148	0	9.541
NE+3.30	B907	720	DISX-COMB Max	0.6173	0	2.3084	0	0.4148	0	9.3451
NE+3.30	B907	720	DISX-COMB Max	0.7055	0	2.3084	0	0.4148	0	9.1495
NE+3.30	B907	720	DISX-COMB Max	0.7936	0	2.3084	0	0.4148	0	8.9543
NE+3.30	B907	720	DISX-COMB Max	0.8818	0	2.3084	0	0.4148	0	8.7594
NE+3.30	B907	720	DISX-COMB Max	0.97	0	2.3084	0	0.4148	0	8.5649
NE+3.30	B907	720	DISY-COMB Max	0	0	3.9238	0	1.0069	0	6.5744
NE+3.30	B907	720	DISY-COMB Max	0.0882	0	3.9238	0	1.0069	0	6.2294
NE+3.30	B907	720	DISY-COMB Max	0.1764	0	3.9238	0	1.0069	0	5.8844
NE+3.30	B907	720	DISY-COMB Max	0.2645	0	3.9238	0	1.0069	0	5.5396
NE+3.30	B907	720	DISY-COMB Max	0.3527	0	3.9238	0	1.0069	0	5.1949
NE+3.30	B907	720	DISY-COMB Max	0.4409	0	3.9238	0	1.0069	0	4.8504
NE+3.30	B907	720	DISY-COMB Max	0.5291	0	3.9238	0	1.0069	0	4.5062
NE+3.30	B907	720	DISY-COMB Max	0.6173	0	3.9238	0	1.0069	0	4.1622
NE+3.30	B907	720	DISY-COMB Max	0.7055	0	3.9238	0	1.0069	0	3.8186
NE+3.30	B907	720	DISY-COMB Max	0.7936	0	3.9238	0	1.0069	0	3.4755
NE+3.30	B907	720	DISY-COMB Max	0.8818	0	3.9238	0	1.0069	0	3.1331
NE+3.30	B907	720	DISY-COMB Max	0.97	0	3.9238	0	1.0069	0	2.7915
NE+3.30	B907	720	B241	0	0	-47.8359	0	3.721	0	17.6259
NE+3.30	B907	720	B241	0.0882	0	-46.4839	0	3.721	0	21.785
NE+3.30	B907	720	B241	0.1764	0	-45.0644	0	3.721	0	25.822
NE+3.30	B907	720	B241	0.2645	0	-43.5774	0	3.721	0	29.7308
NE+3.30	B907	720	B241	0.3527	0	-42.023	0	3.721	0	33.5054
NE+3.30	B907	720	B241	0.4409	0	-40.401	0	3.721	0	37.1401
NE+3.30	B907	720	B241	0.5291	0	-38.7284	0	3.721	0	40.629

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B907	720	B241	0.6173	0	-37.1064	0	3.721	0	43.9721
NE+3.30	B907	720	B241	0.7055	0	-35.5519	0	3.721	0	47.1752
NE+3.30	B907	720	B241	0.7936	0	-34.0649	0	3.721	0	50.2442
NE+3.30	B907	720	B241	0.8818	0	-32.6454	0	3.721	0	53.185
NE+3.30	B907	720	B241	0.97	0	-31.2934	0	3.721	0	56.0036
NE+3.30	B907	720	B242	0	0	-61.1686	0	6.3933	0	22.7532
NE+3.30	B907	720	B242	0.0882	0	-59.1392	0	6.3933	0	28.0586
NE+3.30	B907	720	B242	0.1764	0	-56.9897	0	6.3933	0	33.1797
NE+3.30	B907	720	B242	0.2645	0	-54.7201	0	6.3933	0	38.1059
NE+3.30	B907	720	B242	0.3527	0	-52.3305	0	6.3933	0	42.8268
NE+3.30	B907	720	B242	0.4409	0	-49.8208	0	6.3933	0	47.3316
NE+3.30	B907	720	B242	0.5291	0	-47.221	0	6.3933	0	51.6103
NE+3.30	B907	720	B242	0.6173	0	-44.7113	0	6.3933	0	55.6628
NE+3.30	B907	720	B242	0.7055	0	-42.3217	0	6.3933	0	59.4993
NE+3.30	B907	720	B242	0.7936	0	-40.0521	0	6.3933	0	63.1303
NE+3.30	B907	720	B242	0.8818	0	-37.9026	0	6.3933	0	66.5665
NE+3.30	B907	720	B242	0.97	0	-35.8732	0	6.3933	0	69.8185
NE+3.30	B908	721	Pprop	0	0	-3.8612	0	-1.3381	0	10.4556
NE+3.30	B908	721	Pprop	0.2418	0	-2.9993	0	-1.3381	0	11.2851
NE+3.30	B908	721	Pprop	0.4836	0	-2.1375	0	-1.3381	0	11.9062
NE+3.30	B908	721	Pprop	0.7254	0	-1.2757	0	-1.3381	0	12.3188
NE+3.30	B908	721	Pprop	0.9672	0	-0.4139	0	-1.3381	0	12.5231
NE+3.30	B908	721	Pprop	1.209	0	0.4479	0	-1.3381	0	12.519
NE+3.30	B908	721	Pprop	1.4509	0	1.3097	0	-1.3381	0	12.3065
NE+3.30	B908	721	Pprop	1.6927	0	2.1715	0	-1.3381	0	11.8856
NE+3.30	B908	721	Pprop	1.9345	0	3.0333	0	-1.3381	0	11.2564
NE+3.30	B908	721	Pprop	2.1763	0	3.8951	0	-1.3381	0	10.4187
NE+3.30	B908	721	Pprop	2.4181	0	4.7569	0	-1.3381	0	9.3726
NE+3.30	B908	721	Pprop	2.6599	0	5.6187	0	-1.3381	0	8.1182
NE+3.30	B908	721	Viva	0	0	-0.5166	0	-0.3542	0	13.6062
NE+3.30	B908	721	Viva	0.2418	0	-0.4373	0	-0.3542	0	13.7248
NE+3.30	B908	721	Viva	0.4836	0	-0.1995	0	-0.3542	0	13.805
NE+3.30	B908	721	Viva	0.7254	0	0.1969	0	-0.3542	0	13.8085
NE+3.30	B908	721	Viva	0.9672	0	0.7319	0	-0.3542	0	13.6978
NE+3.30	B908	721	Viva	1.209	0	1.2893	0	-0.3542	0	13.4534
NE+3.30	B908	721	Viva	1.4509	0	1.8455	0	-0.3542	0	13.0743
NE+3.30	B908	721	Viva	1.6927	0	2.3331	0	-0.3542	0	12.5669
NE+3.30	B908	721	Viva	1.9345	0	2.7123	0	-0.3542	0	11.9547
NE+3.30	B908	721	Viva	2.1763	0	2.9832	0	-0.3542	0	11.2639
NE+3.30	B908	721	Viva	2.4181	0	3.1457	0	-0.3542	0	10.5208
NE+3.30	B908	721	Viva	2.6599	0	3.1999	0	-0.3542	0	9.7514
NE+3.30	B908	721	Psup	0	0	-3.8175	0	-3.2555	0	32.4028
NE+3.30	B908	721	Psup	0.2418	0	-3.552	0	-3.2555	0	33.3045
NE+3.30	B908	721	Psup	0.4836	0	-2.7558	0	-3.2555	0	34.0779
NE+3.30	B908	721	Psup	0.7254	0	-1.4287	0	-3.2555	0	34.5945

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B908	721	Psup	0.9672	0	0.3626	0	-3.2555	0	34.7289
NE+3.30	B908	721	Psup	1.209	0	2.2285	0	-3.2555	0	34.4156
NE+3.30	B908	721	Psup	1.4509	0	4.0908	0	-3.2555	0	33.6512
NE+3.30	B908	721	Psup	1.6927	0	5.7232	0	-3.2555	0	32.4573
NE+3.30	B908	721	Psup	1.9345	0	6.9928	0	-3.2555	0	30.9126
NE+3.30	B908	721	Psup	2.1763	0	7.8997	0	-3.2555	0	29.1047
NE+3.30	B908	721	Psup	2.4181	0	8.4439	0	-3.2555	0	27.1214
NE+3.30	B908	721	Psup	2.6599	0	8.6252	0	-3.2555	0	25.0503
NE+3.30	B908	721	Viva.cub	0	0	-0.0141	0	0.0117	0	-0.0018
NE+3.30	B908	721	Viva.cub	0.2418	0	-0.0141	0	0.0117	0	0.0016
NE+3.30	B908	721	Viva.cub	0.4836	0	-0.0141	0	0.0117	0	0.005
NE+3.30	B908	721	Viva.cub	0.7254	0	-0.0141	0	0.0117	0	0.0085
NE+3.30	B908	721	Viva.cub	0.9672	0	-0.0141	0	0.0117	0	0.0119
NE+3.30	B908	721	Viva.cub	1.209	0	-0.0141	0	0.0117	0	0.0153
NE+3.30	B908	721	Viva.cub	1.4509	0	-0.0141	0	0.0117	0	0.0187
NE+3.30	B908	721	Viva.cub	1.6927	0	-0.0141	0	0.0117	0	0.0221
NE+3.30	B908	721	Viva.cub	1.9345	0	-0.0141	0	0.0117	0	0.0255
NE+3.30	B908	721	Viva.cub	2.1763	0	-0.0141	0	0.0117	0	0.0289
NE+3.30	B908	721	Viva.cub	2.4181	0	-0.0141	0	0.0117	0	0.0323
NE+3.30	B908	721	Viva.cub	2.6599	0	-0.0141	0	0.0117	0	0.0357
NE+3.30	B908	721	DISX-COMB Max	0	0	2.3084	0	1.8557	0	8.5222
NE+3.30	B908	721	DISX-COMB Max	0.2418	0	2.3084	0	1.8557	0	7.9905
NE+3.30	B908	721	DISX-COMB Max	0.4836	0	2.3084	0	1.8557	0	7.4627
NE+3.30	B908	721	DISX-COMB Max	0.7254	0	2.3084	0	1.8557	0	6.9396
NE+3.30	B908	721	DISX-COMB Max	0.9672	0	2.3084	0	1.8557	0	6.4224
NE+3.30	B908	721	DISX-COMB Max	1.209	0	2.3084	0	1.8557	0	5.9127
NE+3.30	B908	721	DISX-COMB Max	1.4509	0	2.3084	0	1.8557	0	5.4126
NE+3.30	B908	721	DISX-COMB Max	1.6927	0	2.3084	0	1.8557	0	4.9249
NE+3.30	B908	721	DISX-COMB Max	1.9345	0	2.3084	0	1.8557	0	4.4539
NE+3.30	B908	721	DISX-COMB Max	2.1763	0	2.3084	0	1.8557	0	4.0053
NE+3.30	B908	721	DISX-COMB Max	2.4181	0	2.3084	0	1.8557	0	3.5876
NE+3.30	B908	721	DISX-COMB Max	2.6599	0	2.3084	0	1.8557	0	3.2129
NE+3.30	B908	721	DISY-COMB Max	0	0	3.9238	0	1.5701	0	3.1662
NE+3.30	B908	721	DISY-COMB Max	0.2418	0	3.9238	0	1.5701	0	2.2316
NE+3.30	B908	721	DISY-COMB Max	0.4836	0	3.9238	0	1.5701	0	1.3176
NE+3.30	B908	721	DISY-COMB Max	0.7254	0	3.9238	0	1.5701	0	0.5409
NE+3.30	B908	721	DISY-COMB Max	0.9672	0	3.9238	0	1.5701	0	0.8059
NE+3.30	B908	721	DISY-COMB Max	1.209	0	3.9238	0	1.5701	0	1.6754
NE+3.30	B908	721	DISY-COMB Max	1.4509	0	3.9238	0	1.5701	0	2.601
NE+3.30	B908	721	DISY-COMB Max	1.6927	0	3.9238	0	1.5701	0	3.5389
NE+3.30	B908	721	DISY-COMB Max	1.9345	0	3.9238	0	1.5701	0	4.4814
NE+3.30	B908	721	DISY-COMB Max	2.1763	0	3.9238	0	1.5701	0	5.426
NE+3.30	B908	721	DISY-COMB Max	2.4181	0	3.9238	0	1.5701	0	6.372
NE+3.30	B908	721	DISY-COMB Max	2.6599	0	3.9238	0	1.5701	0	7.3186
NE+3.30	B908	721	B241	0	0	-9.9538	0	-5.9547	0	55.5573

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B908	721	B241	0.2418	0	-8.4925	0	-5.9547	0	57.8014
NE+3.30	B908	721	B241	0.4836	0	-6.3432	0	-5.9547	0	59.6089
NE+3.30	B908	721	B241	0.7254	0	-3.5057	0	-5.9547	0	60.8136
NE+3.30	B908	721	B241	0.9672	0	-0.0665	0	-5.9547	0	61.2526
NE+3.30	B908	721	B241	1.209	0	3.4694	0	-5.9547	0	60.8412
NE+3.30	B908	721	B241	1.4509	0	7.0007	0	-5.9547	0	59.5748
NE+3.30	B908	721	B241	1.6927	0	10.2339	0	-5.9547	0	57.4816
NE+3.30	B908	721	B241	1.9345	0	12.9969	0	-5.9547	0	54.6634
NE+3.30	B908	721	B241	2.1763	0	15.2896	0	-5.9547	0	51.234
NE+3.30	B908	721	B241	2.4181	0	17.1121	0	-5.9547	0	47.307
NE+3.30	B908	721	B241	2.6599	0	18.4644	0	-5.9547	0	42.9962
NE+3.30	B908	721	B242	0	0	-9.3654	0	-5.6649	0	69.3896
NE+3.30	B908	721	B242	0.2418	0	-7.9861	0	-5.6649	0	71.5045
NE+3.30	B908	721	B242	0.4836	0	-5.7632	0	-5.6649	0	73.1838
NE+3.30	B908	721	B242	0.7254	0	-2.6969	0	-5.6649	0	74.2237
NE+3.30	B908	721	B242	0.9672	0	1.107	0	-5.6649	0	74.4247
NE+3.30	B908	721	B242	1.209	0	5.0295	0	-5.6649	0	73.6827
NE+3.30	B908	721	B242	1.4509	0	8.9463	0	-5.6649	0	71.9923
NE+3.30	B908	721	B242	1.6927	0	12.4978	0	-5.6649	0	69.388
NE+3.30	B908	721	B242	1.9345	0	15.4728	0	-5.6649	0	65.9947
NE+3.30	B908	721	B242	2.1763	0	17.8714	0	-5.6649	0	61.9516
NE+3.30	B908	721	B242	2.4181	0	19.6936	0	-5.6649	0	57.3982
NE+3.30	B908	721	B242	2.6599	0	20.9394	0	-5.6649	0	52.4739
NE+3.30	B112	123	Pprop	0	0	-5.3175	0	0.2892	0	0
NE+3.30	B112	123	Pprop	0.3391	0	-4.3507	0	0.2892	0	1.6392
NE+3.30	B112	123	Pprop	0.6782	0	-3.3839	0	0.2892	0	2.9505
NE+3.30	B112	123	Pprop	1.0173	0	-2.417	0	0.2892	0	3.9341
NE+3.30	B112	123	Pprop	1.3564	0	-1.4502	0	0.2892	0	4.5897
NE+3.30	B112	123	Pprop	1.6955	0	-0.4834	0	0.2892	0	4.9176
NE+3.30	B112	123	Pprop	1.865	0	7.845E-07	0	0.2892	0	4.9586
NE+3.30	B112	123	Pprop	1.865	0	0	0	0.2892	0	4.9586
NE+3.30	B112	123	Pprop	2.0345	0	0.4834	0	0.2892	0	4.9176
NE+3.30	B112	123	Pprop	2.3736	0	1.4502	0	0.2892	0	4.5897
NE+3.30	B112	123	Pprop	2.7127	0	2.417	0	0.2892	0	3.9341
NE+3.30	B112	123	Pprop	3.0518	0	3.3839	0	0.2892	0	2.9505
NE+3.30	B112	123	Pprop	3.26	0	3.9774	0	0.2892	0	2.1843
NE+3.30	B112	123	Pprop	3.26	0	3.9774	0	0.2892	0	2.1843
NE+3.30	B112	123	Pprop	3.3909	0	4.3507	0	0.2892	0	1.6392
NE+3.30	B112	123	Pprop	3.73	0	5.3175	0	0.2892	0	0
NE+3.30	B112	123	Viva	0	0	-8.9886	0	1.0473	0	0
NE+3.30	B112	123	Viva	0.3391	0	-8.4136	0	1.0473	0	2.983
NE+3.30	B112	123	Viva	0.6782	0	-6.7846	0	1.0473	0	5.5822
NE+3.30	B112	123	Viva	1.0173	0	-4.8462	0	1.0473	0	7.5541
NE+3.30	B112	123	Viva	1.3564	0	-2.965	0	1.0473	0	8.8717
NE+3.30	B112	123	Viva	1.6955	0	-1.5706	0	1.0473	0	9.6244

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B112	123	Viva	1.865	0	-1.089	0	1.0473	0	9.8478
NE+3.30	B112	123	Viva	1.865	0	0	0	1.0473	0	9.8478
NE+3.30	B112	123	Viva	2.0345	0	0.9692	0	1.0473	0	9.7657
NE+3.30	B112	123	Viva	2.3736	0	2.9077	0	1.0473	0	9.1083
NE+3.30	B112	123	Viva	2.7127	0	4.8462	0	1.0473	0	7.7937
NE+3.30	B112	123	Viva	3.0518	0	6.7846	0	1.0473	0	5.8218
NE+3.30	B112	123	Viva	3.26	0	7.9743	0	1.0473	0	4.2854
NE+3.30	B112	123	Viva	3.26	0	8.6117	0	1.0473	0	4.2854
NE+3.30	B112	123	Viva	3.3909	0	8.9194	0	1.0473	0	3.138
NE+3.30	B112	123	Viva	3.73	0	9.4401	0	1.0473	0	0
NE+3.30	B112	123	Psup	0	0	-12.0375	0	1.4037	0	0
NE+3.30	B112	123	Psup	0.3391	0	-11.2675	0	1.4037	0	3.9948
NE+3.30	B112	123	Psup	0.6782	0	-9.086	0	1.4037	0	7.4757
NE+3.30	B112	123	Psup	1.0173	0	-6.49	0	1.4037	0	10.1165
NE+3.30	B112	123	Psup	1.3564	0	-3.9707	0	1.4037	0	11.8809
NE+3.30	B112	123	Psup	1.6955	0	-2.1033	0	1.4037	0	12.889
NE+3.30	B112	123	Psup	1.865	0	-1.4584	0	1.4037	0	13.1882
NE+3.30	B112	123	Psup	1.865	0	0	0	1.4037	0	13.1882
NE+3.30	B112	123	Psup	2.0345	0	1.298	0	1.4037	0	13.0782
NE+3.30	B112	123	Psup	2.3736	0	3.894	0	1.4037	0	12.1979
NE+3.30	B112	123	Psup	2.7127	0	6.49	0	1.4037	0	10.4373
NE+3.30	B112	123	Psup	3.0518	0	9.086	0	1.4037	0	7.7965
NE+3.30	B112	123	Psup	3.26	0	10.6792	0	1.4037	0	5.7391
NE+3.30	B112	123	Psup	3.26	0	11.5328	0	1.4037	0	5.7391
NE+3.30	B112	123	Psup	3.3909	0	11.9448	0	1.4037	0	4.2023
NE+3.30	B112	123	Psup	3.73	0	12.6422	0	1.4037	0	0
NE+3.30	B112	123	Viva.cub	0	0	0	0	-0.0088	0	0
NE+3.30	B112	123	Viva.cub	0.3391	0	0	0	-0.0088	0	0
NE+3.30	B112	123	Viva.cub	0.6782	0	0	0	-0.0088	0	0
NE+3.30	B112	123	Viva.cub	1.0173	0	0	0	-0.0088	0	0
NE+3.30	B112	123	Viva.cub	1.3564	0	0	0	-0.0088	0	0
NE+3.30	B112	123	Viva.cub	1.6955	0	0	0	-0.0088	0	0
NE+3.30	B112	123	Viva.cub	1.865	0	0	0	-0.0088	0	0
NE+3.30	B112	123	Viva.cub	1.865	0	0	0	-0.0088	0	0
NE+3.30	B112	123	Viva.cub	2.0345	0	0	0	-0.0088	0	0
NE+3.30	B112	123	Viva.cub	2.3736	0	0	0	-0.0088	0	0
NE+3.30	B112	123	Viva.cub	2.7127	0	0	0	-0.0088	0	0
NE+3.30	B112	123	Viva.cub	3.0518	0	0	0	-0.0088	0	0
NE+3.30	B112	123	Viva.cub	3.26	0	0	0	-0.0088	0	0
NE+3.30	B112	123	Viva.cub	3.26	0	0	0	-0.0088	0	0
NE+3.30	B112	123	Viva.cub	3.3909	0	0	0	-0.0088	0	0
NE+3.30	B112	123	Viva.cub	3.73	0	0	0	-0.0088	0	0
NE+3.30	B112	123	DISX-COMB Max	0	0.6939	2.216E-06	0.0021	0.3536	0	0
NE+3.30	B112	123	DISX-COMB Max	0.3391	0.6939	2.216E-06	0.0021	0.3536	0.0007	7.516E-07
NE+3.30	B112	123	DISX-COMB Max	0.6782	0.6939	2.216E-06	0.0021	0.3536	0.0014	1.503E-06

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B112	123	DISX-COMB Max	1.0173	0.6939	2.216E-06	0.0021	0.3536	0.0021	2.255E-06
NE+3.30	B112	123	DISX-COMB Max	1.3564	0.6939	2.216E-06	0.0021	0.3536	0.0028	3.006E-06
NE+3.30	B112	123	DISX-COMB Max	1.6955	0.6939	2.216E-06	0.0021	0.3536	0.0035	3.758E-06
NE+3.30	B112	123	DISX-COMB Max	1.865	0.6939	2.216E-06	0.0021	0.3536	0.0039	4.134E-06
NE+3.30	B112	123	DISX-COMB Max	1.865	0.9277	1.454E-06	0.0148	0.3536	0.0102	8.014E-07
NE+3.30	B112	123	DISX-COMB Max	2.0345	0.9277	1.454E-06	0.0148	0.3536	0.0077	5.602E-07
NE+3.30	B112	123	DISX-COMB Max	2.3736	0.9277	1.454E-06	0.0148	0.3536	0.0027	0
NE+3.30	B112	123	DISX-COMB Max	2.7127	0.9277	1.454E-06	0.0148	0.3536	0.0024	0
NE+3.30	B112	123	DISX-COMB Max	3.0518	0.9277	1.454E-06	0.0148	0.3536	0.0074	9.46E-07
NE+3.30	B112	123	DISX-COMB Max	3.26	0.9277	1.454E-06	0.0148	0.3536	0.0105	1.246E-06
NE+3.30	B112	123	DISX-COMB Max	3.26	0	1.055E-05	0	0.3536	0	4.959E-06
NE+3.30	B112	123	DISX-COMB Max	3.3909	0	1.055E-05	0	0.3536	0	3.578E-06
NE+3.30	B112	123	DISX-COMB Max	3.73	0	1.055E-05	0	0.3536	0	0
NE+3.30	B112	123	DISY-COMB Max	0	0.0957	0	0.0044	0.919	0	0
NE+3.30	B112	123	DISY-COMB Max	0.3391	0.0957	0	0.0044	0.919	0.0015	0
NE+3.30	B112	123	DISY-COMB Max	0.6782	0.0957	0	0.0044	0.919	0.003	0
NE+3.30	B112	123	DISY-COMB Max	1.0173	0.0957	0	0.0044	0.919	0.0044	0
NE+3.30	B112	123	DISY-COMB Max	1.3564	0.0957	0	0.0044	0.919	0.0059	0
NE+3.30	B112	123	DISY-COMB Max	1.6955	0.0957	0	0.0044	0.919	0.0074	0
NE+3.30	B112	123	DISY-COMB Max	1.865	0.0957	0	0.0044	0.919	0.0081	5.367E-07
NE+3.30	B112	123	DISY-COMB Max	1.865	0.1279	0	0.0365	0.919	0.0252	0
NE+3.30	B112	123	DISY-COMB Max	2.0345	0.1279	0	0.0365	0.919	0.019	0
NE+3.30	B112	123	DISY-COMB Max	2.3736	0.1279	0	0.0365	0.919	0.0067	0
NE+3.30	B112	123	DISY-COMB Max	2.7127	0.1279	0	0.0365	0.919	0.0057	0
NE+3.30	B112	123	DISY-COMB Max	3.0518	0.1279	0	0.0365	0.919	0.0181	0
NE+3.30	B112	123	DISY-COMB Max	3.26	0.1279	0	0.0365	0.919	0.0256	0
NE+3.30	B112	123	DISY-COMB Max	3.26	0	2.582E-06	0	0.919	0	1.214E-06
NE+3.30	B112	123	DISY-COMB Max	3.3909	0	2.582E-06	0	0.919	0	8.756E-07
NE+3.30	B112	123	DISY-COMB Max	3.73	0	2.582E-06	0	0.919	0	0
NE+3.30	B112	123	B241	0	0	-22.4972	0	2.1945	0	0
NE+3.30	B112	123	B241	0.3391	0	-20.2458	0	2.1945	0	7.3033
NE+3.30	B112	123	B241	0.6782	0	-16.1646	0	2.1945	0	13.5155
NE+3.30	B112	123	B241	1.0173	0	-11.5462	0	2.1945	0	18.2137
NE+3.30	B112	123	B241	1.3564	0	-7.0271	0	2.1945	0	21.3509
NE+3.30	B112	123	B241	1.6955	0	-3.3532	0	2.1945	0	23.0826
NE+3.30	B112	123	B241	1.865	0	-1.8905	0	2.1945	0	23.5236
NE+3.30	B112	123	B241	1.865	0	0	0	2.1945	0	23.5236
NE+3.30	B112	123	B241	2.0345	0	2.3092	0	2.1945	0	23.3278
NE+3.30	B112	123	B241	2.3736	0	6.9277	0	2.1945	0	21.7618
NE+3.30	B112	123	B241	2.7127	0	11.5462	0	2.1945	0	18.6296
NE+3.30	B112	123	B241	3.0518	0	16.1646	0	2.1945	0	13.9314
NE+3.30	B112	123	B241	3.26	0	18.9993	0	2.1945	0	10.271
NE+3.30	B112	123	B241	3.26	0	20.1059	0	2.1945	0	10.271
NE+3.30	B112	123	B241	3.3909	0	21.1238	0	2.1945	0	7.5724
NE+3.30	B112	123	B241	3.73	0	23.2811	0	2.1945	0	0

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B112	123	B242	0	0	-33.665	0	3.5523	0	0
NE+3.30	B112	123	B242	0.3391	0	-30.8154	0	3.5523	0	11.0327
NE+3.30	B112	123	B242	0.6782	0	-24.7108	0	3.5523	0	20.5162
NE+3.30	B112	123	B242	1.0173	0	-17.6506	0	3.5523	0	27.6983
NE+3.30	B112	123	B242	1.3564	0	-10.7672	0	3.5523	0	32.4954
NE+3.30	B112	123	B242	1.6955	0	-5.3871	0	3.5523	0	35.1841
NE+3.30	B112	123	B242	1.865	0	-3.3628	0	3.5523	0	35.9196
NE+3.30	B112	123	B242	1.865	0	5.912E-07	0	3.5523	0	35.9196
NE+3.30	B112	123	B242	2.0345	0	3.5301	0	3.5523	0	35.6203
NE+3.30	B112	123	B242	2.3736	0	10.5904	0	3.5523	0	33.2263
NE+3.30	B112	123	B242	2.7127	0	17.6506	0	3.5523	0	28.4382
NE+3.30	B112	123	B242	3.0518	0	24.7108	0	3.5523	0	21.256
NE+3.30	B112	123	B242	3.26	0	29.044	0	3.5523	0	15.6605
NE+3.30	B112	123	B242	3.26	0	31.0124	0	3.5523	0	15.6604
NE+3.30	B112	123	B242	3.3909	0	32.3771	0	3.5523	0	11.5113
NE+3.30	B112	123	B242	3.73	0	35.0594	0	3.5523	0	0
NE+3.30	B446	325	Pprop	0	0	-15.6275	0	0.077	0	0
NE+3.30	B446	325	Pprop	0.6236	0	-13.8494	0	0.077	0	9.1914
NE+3.30	B446	325	Pprop	1.2473	0	-12.0713	0	0.077	0	17.274
NE+3.30	B446	325	Pprop	1.8709	0	-10.2932	0	0.077	0	24.2476
NE+3.30	B446	325	Pprop	2.2878	0	-9.1044	0	0.077	0	28.2912
NE+3.30	B446	325	Pprop	2.2878	0	-3.1776	0	0.0784	0	26.541
NE+3.30	B446	325	Pprop	2.4945	0	-2.5882	0	0.0784	0	27.1369
NE+3.30	B446	325	Pprop	3.1182	0	-0.8101	0	0.0784	0	28.1966
NE+3.30	B446	325	Pprop	3.7418	0	0.9681	0	0.0784	0	28.1473
NE+3.30	B446	325	Pprop	4.21	0	2.3029	0	0.0784	0	27.3816
NE+3.30	B446	325	Pprop	4.21	0	7.6369	0	0.0784	0	28.6175
NE+3.30	B446	325	Pprop	4.3655	0	8.0801	0	0.0784	0	27.3959
NE+3.30	B446	325	Pprop	4.9891	0	9.8582	0	0.0784	0	21.8024
NE+3.30	B446	325	Pprop	5.6127	0	11.6363	0	0.0784	0	15.1
NE+3.30	B446	325	Pprop	6.2364	0	13.4145	0	0.0784	0	7.2887
NE+3.30	B446	325	Pprop	6.245	0	13.4391	0	0.0784	0	7.1727
NE+3.30	B446	325	Pprop	6.245	0	15.0642	0	0.0784	0	9.8037
NE+3.30	B446	325	Pprop	6.86	0	16.8177	0	0.0784	0	0
NE+3.30	B446	325	Viva	0	0	-9.566	0	0.1746	0	0
NE+3.30	B446	325	Viva	0.6236	0	-9.177	0	0.1746	0	5.8848
NE+3.30	B446	325	Viva	1.2473	0	-8.2625	0	0.1746	0	11.3268
NE+3.30	B446	325	Viva	1.8709	0	-7.4407	0	0.1746	0	16.2016
NE+3.30	B446	325	Viva	2.2878	0	-7.2667	0	0.1746	0	19.2554
NE+3.30	B446	325	Viva	2.2878	0	-0.9231	0	0.175	0	18.7302
NE+3.30	B446	325	Viva	2.4945	0	-0.8804	0	0.175	0	18.9181
NE+3.30	B446	325	Viva	3.1182	0	-0.2414	0	0.175	0	19.3062
NE+3.30	B446	325	Viva	3.7418	0	0.6112	0	0.175	0	19.1741
NE+3.30	B446	325	Viva	4.21	0	0.8304	0	0.175	0	18.8195
NE+3.30	B446	325	Viva	4.21	0	3.7034	0	0.175	0	19.0893

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B446	325	Viva	4.3655	0	3.7276	0	0.175	0	18.5124
NE+3.30	B446	325	Viva	4.9891	0	4.3092	0	0.175	0	16.0464
NE+3.30	B446	325	Viva	5.6127	0	5.2384	0	0.175	0	13.0693
NE+3.30	B446	325	Viva	6.2364	0	6.1529	0	0.175	0	9.5132
NE+3.30	B446	325	Viva	6.245	0	6.1636	0	0.175	0	9.4601
NE+3.30	B446	325	Viva	6.245	0	18.4019	0	0.175	0	11.5304
NE+3.30	B446	325	Viva	6.86	0	18.9693	0	0.175	0	0
NE+3.30	B446	325	Psup	0	0	-28.2337	0	0.0306	0	0
NE+3.30	B446	325	Psup	0.6236	0	-26.9316	0	0.0306	0	17.3369
NE+3.30	B446	325	Psup	1.2473	0	-23.8699	0	0.0306	0	33.1911
NE+3.30	B446	325	Psup	1.8709	0	-21.1183	0	0.0306	0	47.1464
NE+3.30	B446	325	Psup	2.2878	0	-20.5359	0	0.0306	0	55.7891
NE+3.30	B446	325	Psup	2.2878	0	-3.8163	0	0.0318	0	54.2932
NE+3.30	B446	325	Psup	2.4945	0	-3.6734	0	0.0318	0	55.0723
NE+3.30	B446	325	Psup	3.1182	0	-1.5337	0	0.0318	0	56.8244
NE+3.30	B446	325	Psup	3.7418	0	1.3207	0	0.0318	0	56.8345
NE+3.30	B446	325	Psup	4.21	0	2.0546	0	0.0318	0	55.987
NE+3.30	B446	325	Psup	4.21	0	15.0595	0	0.0318	0	57.9453
NE+3.30	B446	325	Psup	4.3655	0	15.1404	0	0.0318	0	55.6
NE+3.30	B446	325	Psup	4.9891	0	17.0878	0	0.0318	0	45.6848
NE+3.30	B446	325	Psup	5.6127	0	20.1988	0	0.0318	0	34.0582
NE+3.30	B446	325	Psup	6.2364	0	23.2605	0	0.0318	0	20.4934
NE+3.30	B446	325	Psup	6.245	0	23.2964	0	0.0318	0	20.2923
NE+3.30	B446	325	Psup	6.245	0	40.4349	0	0.0318	0	25.5813
NE+3.30	B446	325	Psup	6.86	0	42.3343	0	0.0318	0	0
NE+3.30	B446	325	Viva.cub	0	0	-0.008	0	0.0011	0	0
NE+3.30	B446	325	Viva.cub	0.6236	0	-0.008	0	0.0011	0	0.005
NE+3.30	B446	325	Viva.cub	1.2473	0	-0.008	0	0.0011	0	0.01
NE+3.30	B446	325	Viva.cub	1.8709	0	-0.008	0	0.0011	0	0.015
NE+3.30	B446	325	Viva.cub	2.2878	0	-0.008	0	0.0011	0	0.0184
NE+3.30	B446	325	Viva.cub	2.2878	0	0.0042	0	0.0011	0	0.0264
NE+3.30	B446	325	Viva.cub	2.4945	0	0.0042	0	0.0011	0	0.0255
NE+3.30	B446	325	Viva.cub	3.1182	0	0.0042	0	0.0011	0	0.0228
NE+3.30	B446	325	Viva.cub	3.7418	0	0.0042	0	0.0011	0	0.0202
NE+3.30	B446	325	Viva.cub	4.21	0	0.0042	0	0.0011	0	0.0182
NE+3.30	B446	325	Viva.cub	4.21	0	0.0003	0	0.0011	0	0.0244
NE+3.30	B446	325	Viva.cub	4.3655	0	0.0003	0	0.0011	0	0.0244
NE+3.30	B446	325	Viva.cub	4.9891	0	0.0003	0	0.0011	0	0.0242
NE+3.30	B446	325	Viva.cub	5.6127	0	0.0003	0	0.0011	0	0.024
NE+3.30	B446	325	Viva.cub	6.2364	0	0.0003	0	0.0011	0	0.0238
NE+3.30	B446	325	Viva.cub	6.245	0	0.0003	0	0.0011	0	0.0238
NE+3.30	B446	325	Viva.cub	6.245	0	0.0003	0	0.0011	0	0.0002
NE+3.30	B446	325	Viva.cub	6.86	0	0.0003	0	0.0011	0	0
NE+3.30	B446	325	DISX-COMB Max	0	0	0.7416	0	0.2504	0	0
NE+3.30	B446	325	DISX-COMB Max	0.6236	0	0.7416	0	0.2504	0	0.4625

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B446	325	DISX-COMB Max	1.2473	0	0.7416	0	0.2504	0	0.925
NE+3.30	B446	325	DISX-COMB Max	1.8709	0	0.7416	0	0.2504	0	1.3875
NE+3.30	B446	325	DISX-COMB Max	2.2878	0	0.7416	0	0.2504	0	1.6966
NE+3.30	B446	325	DISX-COMB Max	2.2878	0	1.2437	0	0.2501	0	1.2738
NE+3.30	B446	325	DISX-COMB Max	2.4945	0	1.2437	0	0.2501	0	1.1475
NE+3.30	B446	325	DISX-COMB Max	3.1182	0	1.2437	0	0.2501	0	1.0933
NE+3.30	B446	325	DISX-COMB Max	3.7418	0	1.2437	0	0.2501	0	1.5089
NE+3.30	B446	325	DISX-COMB Max	4.21	0	1.2437	0	0.2501	0	1.9696
NE+3.30	B446	325	DISX-COMB Max	4.21	0	0.321	0	0.2501	0	0.8322
NE+3.30	B446	325	DISX-COMB Max	4.3655	0	0.321	0	0.2501	0	0.7897
NE+3.30	B446	325	DISX-COMB Max	4.9891	0	0.321	0	0.2501	0	0.6302
NE+3.30	B446	325	DISX-COMB Max	5.6127	0	0.321	0	0.2501	0	0.5008
NE+3.30	B446	325	DISX-COMB Max	6.2364	0	0.321	0	0.2501	0	0.4297
NE+3.30	B446	325	DISX-COMB Max	6.245	0	0.321	0	0.2501	0	0.4293
NE+3.30	B446	325	DISX-COMB Max	6.245	0	0.321	0	0.2501	0	0.1974
NE+3.30	B446	325	DISX-COMB Max	6.86	0	0.321	0	0.2501	0	0
NE+3.30	B446	325	DISY-COMB Max	0	0	1.2982	0	0.2708	0	0
NE+3.30	B446	325	DISY-COMB Max	0.6236	0	1.2982	0	0.2708	0	0.8096
NE+3.30	B446	325	DISY-COMB Max	1.2473	0	1.2982	0	0.2708	0	1.6192
NE+3.30	B446	325	DISY-COMB Max	1.8709	0	1.2982	0	0.2708	0	2.4288
NE+3.30	B446	325	DISY-COMB Max	2.2878	0	1.2982	0	0.2708	0	2.9701
NE+3.30	B446	325	DISY-COMB Max	2.2878	0	0.8823	0	0.2706	0	2.7028
NE+3.30	B446	325	DISY-COMB Max	2.4945	0	0.8823	0	0.2706	0	2.8808
NE+3.30	B446	325	DISY-COMB Max	3.1182	0	0.8823	0	0.2706	0	3.4207
NE+3.30	B446	325	DISY-COMB Max	3.7418	0	0.8823	0	0.2706	0	3.9634
NE+3.30	B446	325	DISY-COMB Max	4.21	0	0.8823	0	0.2706	0	4.372
NE+3.30	B446	325	DISY-COMB Max	4.21	0	1.2203	0	0.2706	0	2.614
NE+3.30	B446	325	DISY-COMB Max	4.3655	0	1.2203	0	0.2706	0	2.4244
NE+3.30	B446	325	DISY-COMB Max	4.9891	0	1.2203	0	0.2706	0	1.6636
NE+3.30	B446	325	DISY-COMB Max	5.6127	0	1.2203	0	0.2706	0	0.9033
NE+3.30	B446	325	DISY-COMB Max	6.2364	0	1.2203	0	0.2706	0	0.1502
NE+3.30	B446	325	DISY-COMB Max	6.245	0	1.2203	0	0.2706	0	0.1404
NE+3.30	B446	325	DISY-COMB Max	6.245	0	1.2203	0	0.2706	0	0.7505
NE+3.30	B446	325	DISY-COMB Max	6.86	0	1.2203	0	0.2706	0	0
NE+3.30	B446	325	B241	0	0	-56.8571	0	0.1396	0	0
NE+3.30	B446	325	B241	0.6236	0	-52.8643	0	0.1396	0	34.3886
NE+3.30	B446	325	B241	1.2473	0	-46.5904	0	0.1396	0	65.4177
NE+3.30	B446	325	B241	1.8709	0	-40.7185	0	0.1396	0	92.5478
NE+3.30	B446	325	B241	2.2878	0	-38.4226	0	0.1396	0	108.9931
NE+3.30	B446	325	B241	2.2878	0	-9.0661	0	0.1428	0	104.7851
NE+3.30	B446	325	B241	2.4945	0	-8.1168	0	0.1428	0	106.5675
NE+3.30	B446	325	B241	3.1182	0	-3.0382	0	0.1428	0	110.2123
NE+3.30	B446	325	B241	3.7418	0	2.967	0	0.1428	0	110.1615
NE+3.30	B446	325	B241	4.21	0	5.6487	0	0.1428	0	108.0705
NE+3.30	B446	325	B241	4.21	0	29.4213	0	0.1428	0	112.211

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B446	325	B241	4.3655	0	30.1007	0	0.1428	0	107.5872
NE+3.30	B446	325	B241	4.9891	0	34.9301	0	0.1428	0	87.4834
NE+3.30	B446	325	B241	5.6127	0	41.2678	0	0.1428	0	63.7235
NE+3.30	B446	325	B241	6.2364	0	47.5417	0	0.1428	0	36.0137
NE+3.30	B446	325	B241	6.245	0	47.62	0	0.1428	0	35.6028
NE+3.30	B446	325	B241	6.245	0	71.9433	0	0.1428	0	45.8695
NE+3.30	B446	325	B241	6.86	0	76.6786	0	0.1428	0	0
NE+3.30	B446	325	B242	0	0	-64.0442	0	0.3995	0	0
NE+3.30	B446	325	B242	0.6236	0	-59.9995	0	0.3995	0	38.8942
NE+3.30	B446	325	B242	1.2473	0	-53.1587	0	0.3995	0	74.2002
NE+3.30	B446	325	B242	1.8709	0	-46.8107	0	0.3995	0	105.2568
NE+3.30	B446	325	B242	2.2878	0	-44.5645	0	0.3995	0	124.2405
NE+3.30	B446	325	B242	2.2878	0	-9.2459	0	0.4029	0	119.7973
NE+3.30	B446	325	B242	2.4945	0	-8.3638	0	0.4029	0	121.6252
NE+3.30	B446	325	B242	3.1182	0	-2.9883	0	0.4029	0	125.3691
NE+3.30	B446	325	B242	3.7418	0	3.5232	0	0.4029	0	125.1128
NE+3.30	B446	325	B242	4.21	0	6.1725	0	0.4029	0	122.7521
NE+3.30	B446	325	B242	4.21	0	31.1438	0	0.4029	0	126.736
NE+3.30	B446	325	B242	4.3655	0	31.7649	0	0.4029	0	121.8496
NE+3.30	B446	325	B242	4.9891	0	36.8349	0	0.4029	0	100.6721
NE+3.30	B446	325	B242	5.6127	0	43.7541	0	0.4029	0	75.543
NE+3.30	B446	325	B242	6.2364	0	50.5948	0	0.4029	0	46.102
NE+3.30	B446	325	B242	6.245	0	50.6791	0	0.4029	0	45.6647
NE+3.30	B446	325	B242	6.245	0	91.1089	0	0.4029	0	57.7654
NE+3.30	B446	325	B242	6.86	0	96.0755	0	0.4029	0	0
NE+3.30	B627	556	Pprop	0	0	0.6165	0	-1.7502	0	4.8749
NE+3.30	B627	556	Pprop	0.1355	0	1.0993	0	-1.7502	0	4.7586
NE+3.30	B627	556	Pprop	0.2709	0	1.5821	0	-1.7502	0	4.577
NE+3.30	B627	556	Pprop	0.4064	0	2.0648	0	-1.7502	0	4.3301
NE+3.30	B627	556	Pprop	0.5418	0	2.5476	0	-1.7502	0	4.0177
NE+3.30	B627	556	Pprop	0.6773	0	3.0303	0	-1.7502	0	3.6399
NE+3.30	B627	556	Pprop	0.8127	0	3.5131	0	-1.7502	0	3.1967
NE+3.30	B627	556	Pprop	0.9482	0	3.9959	0	-1.7502	0	2.6882
NE+3.30	B627	556	Pprop	1.0836	0	4.4786	0	-1.7502	0	2.1142
NE+3.30	B627	556	Pprop	1.2191	0	4.9614	0	-1.7502	0	1.4749
NE+3.30	B627	556	Pprop	1.3545	0	5.4441	0	-1.7502	0	0.7701
NE+3.30	B627	556	Pprop	1.49	0	5.9269	0	-1.7502	0	0
NE+3.30	B627	556	Viva	0	0	4.1235	0	-0.5252	0	7.798
NE+3.30	B627	556	Viva	0.1355	0	4.1602	0	-0.5252	0	7.2378
NE+3.30	B627	556	Viva	0.2709	0	4.2703	0	-0.5252	0	6.6676
NE+3.30	B627	556	Viva	0.4064	0	4.4537	0	-0.5252	0	6.0776
NE+3.30	B627	556	Viva	0.5418	0	4.7106	0	-0.5252	0	5.4577
NE+3.30	B627	556	Viva	0.6773	0	5.0409	0	-0.5252	0	4.7981
NE+3.30	B627	556	Viva	0.8127	0	5.4262	0	-0.5252	0	4.0892
NE+3.30	B627	556	Viva	0.9482	0	5.7564	0	-0.5252	0	3.331

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B627	556	Viva	1.0836	0	6.0133	0	-0.5252	0	2.5331
NE+3.30	B627	556	Viva	1.2191	0	6.1968	0	-0.5252	0	1.7053
NE+3.30	B627	556	Viva	1.3545	0	6.3069	0	-0.5252	0	0.8576
NE+3.30	B627	556	Viva	1.49	0	6.3436	0	-0.5252	0	0
NE+3.30	B627	556	Psup	0	0	9.2867	0	-1.4959	0	19.3746
NE+3.30	B627	556	Psup	0.1355	0	9.4095	0	-1.4959	0	18.1112
NE+3.30	B627	556	Psup	0.2709	0	9.7781	0	-1.4959	0	16.8144
NE+3.30	B627	556	Psup	0.4064	0	10.3924	0	-1.4959	0	15.4511
NE+3.30	B627	556	Psup	0.5418	0	11.2524	0	-1.4959	0	13.9879
NE+3.30	B627	556	Psup	0.6773	0	12.3581	0	-1.4959	0	12.3916
NE+3.30	B627	556	Psup	0.8127	0	13.6481	0	-1.4959	0	10.6303
NE+3.30	B627	556	Psup	0.9482	0	14.7538	0	-1.4959	0	8.7039
NE+3.30	B627	556	Psup	1.0836	0	15.6138	0	-1.4959	0	6.6444
NE+3.30	B627	556	Psup	1.2191	0	16.2281	0	-1.4959	0	4.4851
NE+3.30	B627	556	Psup	1.3545	0	16.5967	0	-1.4959	0	2.2592
NE+3.30	B627	556	Psup	1.49	0	16.7196	0	-1.4959	0	0
NE+3.30	B627	556	Viva.cub	0	0	0.0123	0	0.008	0	0.0183
NE+3.30	B627	556	Viva.cub	0.1355	0	0.0123	0	0.008	0	0.0166
NE+3.30	B627	556	Viva.cub	0.2709	0	0.0123	0	0.008	0	0.015
NE+3.30	B627	556	Viva.cub	0.4064	0	0.0123	0	0.008	0	0.0133
NE+3.30	B627	556	Viva.cub	0.5418	0	0.0123	0	0.008	0	0.0116
NE+3.30	B627	556	Viva.cub	0.6773	0	0.0123	0	0.008	0	0.01
NE+3.30	B627	556	Viva.cub	0.8127	0	0.0123	0	0.008	0	0.0083
NE+3.30	B627	556	Viva.cub	0.9482	0	0.0123	0	0.008	0	0.0067
NE+3.30	B627	556	Viva.cub	1.0836	0	0.0123	0	0.008	0	0.005
NE+3.30	B627	556	Viva.cub	1.2191	0	0.0123	0	0.008	0	0.0033
NE+3.30	B627	556	Viva.cub	1.3545	0	0.0123	0	0.008	0	0.0017
NE+3.30	B627	556	Viva.cub	1.49	0	0.0123	0	0.008	0	0
NE+3.30	B627	556	DISX-COMB Max	0	0	1.421	0	1.038	0	2.1173
NE+3.30	B627	556	DISX-COMB Max	0.1355	0	1.421	0	1.038	0	1.9248
NE+3.30	B627	556	DISX-COMB Max	0.2709	0	1.421	0	1.038	0	1.7323
NE+3.30	B627	556	DISX-COMB Max	0.4064	0	1.421	0	1.038	0	1.5398
NE+3.30	B627	556	DISX-COMB Max	0.5418	0	1.421	0	1.038	0	1.3473
NE+3.30	B627	556	DISX-COMB Max	0.6773	0	1.421	0	1.038	0	1.1549
NE+3.30	B627	556	DISX-COMB Max	0.8127	0	1.421	0	1.038	0	0.9624
NE+3.30	B627	556	DISX-COMB Max	0.9482	0	1.421	0	1.038	0	0.7699
NE+3.30	B627	556	DISX-COMB Max	1.0836	0	1.421	0	1.038	0	0.5774
NE+3.30	B627	556	DISX-COMB Max	1.2191	0	1.421	0	1.038	0	0.385
NE+3.30	B627	556	DISX-COMB Max	1.3545	0	1.421	0	1.038	0	0.1925
NE+3.30	B627	556	DISX-COMB Max	1.49	0	1.421	0	1.038	0	0
NE+3.30	B627	556	DISY-COMB Max	0	0	0.4819	0	0.2818	0	0.718
NE+3.30	B627	556	DISY-COMB Max	0.1355	0	0.4819	0	0.2818	0	0.6528
NE+3.30	B627	556	DISY-COMB Max	0.2709	0	0.4819	0	0.2818	0	0.5875
NE+3.30	B627	556	DISY-COMB Max	0.4064	0	0.4819	0	0.2818	0	0.5222
NE+3.30	B627	556	DISY-COMB Max	0.5418	0	0.4819	0	0.2818	0	0.4569

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B627	556	DISY-COMB Max	0.6773	0	0.4819	0	0.2818	0	0.3917
NE+3.30	B627	556	DISY-COMB Max	0.8127	0	0.4819	0	0.2818	0	0.3264
NE+3.30	B627	556	DISY-COMB Max	0.9482	0	0.4819	0	0.2818	0	0.2611
NE+3.30	B627	556	DISY-COMB Max	1.0836	0	0.4819	0	0.2818	0	0.1958
NE+3.30	B627	556	DISY-COMB Max	1.2191	0	0.4819	0	0.2818	0	0.1306
NE+3.30	B627	556	DISY-COMB Max	1.3545	0	0.4819	0	0.2818	0	0.0653
NE+3.30	B627	556	DISY-COMB Max	1.49	0	0.4819	0	0.2818	0	0
NE+3.30	B627	556	B241	0	0	12.8375	0	-4.2079	0	31.4345
NE+3.30	B627	556	B241	0.1355	0	13.6225	0	-4.2079	0	29.6461
NE+3.30	B627	556	B241	0.2709	0	14.7261	0	-4.2079	0	27.7297
NE+3.30	B627	556	B241	0.4064	0	16.1482	0	-4.2079	0	25.6422
NE+3.30	B627	556	B241	0.5418	0	17.8888	0	-4.2079	0	23.3406
NE+3.30	B627	556	B241	0.6773	0	19.948	0	-4.2079	0	20.7816
NE+3.30	B627	556	B241	0.8127	0	22.246	0	-4.2079	0	17.9239
NE+3.30	B627	556	B241	0.9482	0	24.3051	0	-4.2079	0	14.7675
NE+3.30	B627	556	B241	1.0836	0	26.0458	0	-4.2079	0	11.3538
NE+3.30	B627	556	B241	1.2191	0	27.4679	0	-4.2079	0	7.7259
NE+3.30	B627	556	B241	1.3545	0	28.5714	0	-4.2079	0	3.9269
NE+3.30	B627	556	B241	1.49	0	29.3565	0	-4.2079	0	0
NE+3.30	B627	556	B242	0	0	17.6073	0	-4.4432	0	39.4297
NE+3.30	B627	556	B242	0.1355	0	18.3389	0	-4.4432	0	36.9996
NE+3.30	B627	556	B242	0.2709	0	19.4609	0	-4.4432	0	34.444
NE+3.30	B627	556	B242	0.4064	0	20.9735	0	-4.4432	0	31.7098
NE+3.30	B627	556	B242	0.5418	0	22.8764	0	-4.4432	0	28.7444
NE+3.30	B627	556	B242	0.6773	0	25.1698	0	-4.4432	0	25.4948
NE+3.30	B627	556	B242	0.8127	0	27.756	0	-4.4432	0	21.9103
NE+3.30	B627	556	B242	0.9482	0	30.0494	0	-4.4432	0	17.9909
NE+3.30	B627	556	B242	1.0836	0	31.9524	0	-4.4432	0	13.7872
NE+3.30	B627	556	B242	1.2191	0	33.4649	0	-4.4432	0	9.3523
NE+3.30	B627	556	B242	1.3545	0	34.587	0	-4.4432	0	4.7389
NE+3.30	B627	556	B242	1.49	0	35.3186	0	-4.4432	0	0
NE+3.30	B883	679	Pprop	0	0	0.0236	0	1.2359	0	3.9914
NE+3.30	B883	679	Pprop	0.1355	0	0.5064	0	1.2359	0	3.9555
NE+3.30	B883	679	Pprop	0.2709	0	0.9891	0	1.2359	0	3.8542
NE+3.30	B883	679	Pprop	0.4064	0	1.4719	0	1.2359	0	3.6875
NE+3.30	B883	679	Pprop	0.5418	0	1.9546	0	1.2359	0	3.4555
NE+3.30	B883	679	Pprop	0.6773	0	2.4374	0	1.2359	0	3.158
NE+3.30	B883	679	Pprop	0.8127	0	2.9202	0	1.2359	0	2.7951
NE+3.30	B883	679	Pprop	0.9482	0	3.4029	0	1.2359	0	2.3669
NE+3.30	B883	679	Pprop	1.0836	0	3.8857	0	1.2359	0	1.8733
NE+3.30	B883	679	Pprop	1.2191	0	4.3684	0	1.2359	0	1.3142
NE+3.30	B883	679	Pprop	1.3545	0	4.8512	0	1.2359	0	0.6898
NE+3.30	B883	679	Pprop	1.49	0	5.334	0	1.2359	0	0
NE+3.30	B883	679	Viva	0	0	0.6529	0	0.2698	0	2.6268
NE+3.30	B883	679	Viva	0.1355	0	0.6896	0	0.2698	0	2.5367

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B883	679	Viva	0.2709	0	0.7997	0	0.2698	0	2.4366
NE+3.30	B883	679	Viva	0.4064	0	0.9831	0	0.2698	0	2.3167
NE+3.30	B883	679	Viva	0.5418	0	1.24	0	0.2698	0	2.167
NE+3.30	B883	679	Viva	0.6773	0	1.5703	0	0.2698	0	1.9775
NE+3.30	B883	679	Viva	0.8127	0	1.9556	0	0.2698	0	1.7387
NE+3.30	B883	679	Viva	0.9482	0	2.2858	0	0.2698	0	1.4506
NE+3.30	B883	679	Viva	1.0836	0	2.5427	0	0.2698	0	1.1227
NE+3.30	B883	679	Viva	1.2191	0	2.7262	0	0.2698	0	0.7651
NE+3.30	B883	679	Viva	1.3545	0	2.8363	0	0.2698	0	0.3875
NE+3.30	B883	679	Viva	1.49	0	2.873	0	0.2698	0	0
NE+3.30	B883	679	Psup	0	0	5.572	0	1.9582	0	13.8398
NE+3.30	B883	679	Psup	0.1355	0	5.6949	0	1.9582	0	13.0795
NE+3.30	B883	679	Psup	0.2709	0	6.0634	0	1.9582	0	12.2859
NE+3.30	B883	679	Psup	0.4064	0	6.6777	0	1.9582	0	11.4258
NE+3.30	B883	679	Psup	0.5418	0	7.5377	0	1.9582	0	10.4658
NE+3.30	B883	679	Psup	0.6773	0	8.6435	0	1.9582	0	9.3726
NE+3.30	B883	679	Psup	0.8127	0	9.9335	0	1.9582	0	8.1145
NE+3.30	B883	679	Psup	0.9482	0	11.0392	0	1.9582	0	6.6913
NE+3.30	B883	679	Psup	1.0836	0	11.8992	0	1.9582	0	5.1349
NE+3.30	B883	679	Psup	1.2191	0	12.5135	0	1.9582	0	3.4788
NE+3.30	B883	679	Psup	1.3545	0	12.8821	0	1.9582	0	1.756
NE+3.30	B883	679	Psup	1.49	0	13.0049	0	1.9582	0	0
NE+3.30	B883	679	Viva.cub	0	0	-0.004	0	0.0062	0	-0.0059
NE+3.30	B883	679	Viva.cub	0.1355	0	-0.004	0	0.0062	0	-0.0054
NE+3.30	B883	679	Viva.cub	0.2709	0	-0.004	0	0.0062	0	-0.0048
NE+3.30	B883	679	Viva.cub	0.4064	0	-0.004	0	0.0062	0	-0.0043
NE+3.30	B883	679	Viva.cub	0.5418	0	-0.004	0	0.0062	0	-0.0037
NE+3.30	B883	679	Viva.cub	0.6773	0	-0.004	0	0.0062	0	-0.0032
NE+3.30	B883	679	Viva.cub	0.8127	0	-0.004	0	0.0062	0	-0.0027
NE+3.30	B883	679	Viva.cub	0.9482	0	-0.004	0	0.0062	0	-0.0021
NE+3.30	B883	679	Viva.cub	1.0836	0	-0.004	0	0.0062	0	-0.0016
NE+3.30	B883	679	Viva.cub	1.2191	0	-0.004	0	0.0062	0	-0.0011
NE+3.30	B883	679	Viva.cub	1.3545	0	-0.004	0	0.0062	0	-0.0005
NE+3.30	B883	679	Viva.cub	1.49	0	-0.004	0	0.0062	0	0
NE+3.30	B883	679	DISX-COMB Max	0	0	1.2963	0	1.2718	0	1.9315
NE+3.30	B883	679	DISX-COMB Max	0.1355	0	1.2963	0	1.2718	0	1.7559
NE+3.30	B883	679	DISX-COMB Max	0.2709	0	1.2963	0	1.2718	0	1.5803
NE+3.30	B883	679	DISX-COMB Max	0.4064	0	1.2963	0	1.2718	0	1.4047
NE+3.30	B883	679	DISX-COMB Max	0.5418	0	1.2963	0	1.2718	0	1.2291
NE+3.30	B883	679	DISX-COMB Max	0.6773	0	1.2963	0	1.2718	0	1.0535
NE+3.30	B883	679	DISX-COMB Max	0.8127	0	1.2963	0	1.2718	0	0.8779
NE+3.30	B883	679	DISX-COMB Max	0.9482	0	1.2963	0	1.2718	0	0.7023
NE+3.30	B883	679	DISX-COMB Max	1.0836	0	1.2963	0	1.2718	0	0.5268
NE+3.30	B883	679	DISX-COMB Max	1.2191	0	1.2963	0	1.2718	0	0.3512
NE+3.30	B883	679	DISX-COMB Max	1.3545	0	1.2963	0	1.2718	0	0.1756

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B883	679	DISX-COMB Max	1.49	0	1.2963	0	1.2718	0	0
NE+3.30	B883	679	DISY-COMB Max	0	0	2.0952	0	1.7626	0	3.1218
NE+3.30	B883	679	DISY-COMB Max	0.1355	0	2.0952	0	1.7626	0	2.838
NE+3.30	B883	679	DISY-COMB Max	0.2709	0	2.0952	0	1.7626	0	2.5542
NE+3.30	B883	679	DISY-COMB Max	0.4064	0	2.0952	0	1.7626	0	2.2704
NE+3.30	B883	679	DISY-COMB Max	0.5418	0	2.0952	0	1.7626	0	1.9866
NE+3.30	B883	679	DISY-COMB Max	0.6773	0	2.0952	0	1.7626	0	1.7028
NE+3.30	B883	679	DISY-COMB Max	0.8127	0	2.0952	0	1.7626	0	1.419
NE+3.30	B883	679	DISY-COMB Max	0.9482	0	2.0952	0	1.7626	0	1.1352
NE+3.30	B883	679	DISY-COMB Max	1.0836	0	2.0952	0	1.7626	0	0.8514
NE+3.30	B883	679	DISY-COMB Max	1.2191	0	2.0952	0	1.7626	0	0.5676
NE+3.30	B883	679	DISY-COMB Max	1.3545	0	2.0952	0	1.7626	0	0.2838
NE+3.30	B883	679	DISY-COMB Max	1.49	0	2.0952	0	1.7626	0	0
NE+3.30	B883	679	B241	0	0	7.2536	0	4.1405	0	23.1145
NE+3.30	B883	679	B241	0.1355	0	8.0386	0	4.1405	0	22.0824
NE+3.30	B883	679	B241	0.2709	0	9.1422	0	4.1405	0	20.9224
NE+3.30	B883	679	B241	0.4064	0	10.5643	0	4.1405	0	19.5913
NE+3.30	B883	679	B241	0.5418	0	12.3049	0	4.1405	0	18.046
NE+3.30	B883	679	B241	0.6773	0	14.3641	0	4.1405	0	16.2434
NE+3.30	B883	679	B241	0.8127	0	16.6621	0	4.1405	0	14.1421
NE+3.30	B883	679	B241	0.9482	0	18.7212	0	4.1405	0	11.7421
NE+3.30	B883	679	B241	1.0836	0	20.4619	0	4.1405	0	9.0847
NE+3.30	B883	679	B241	1.2191	0	21.884	0	4.1405	0	6.2132
NE+3.30	B883	679	B241	1.3545	0	22.9875	0	4.1405	0	3.1705
NE+3.30	B883	679	B241	1.49	0	23.7726	0	4.1405	0	0
NE+3.30	B883	679	B242	0	0	7.26	0	3.9838	0	24.0123
NE+3.30	B883	679	B242	0.1355	0	7.9916	0	3.9838	0	22.9838
NE+3.30	B883	679	B242	0.2709	0	9.1137	0	3.9838	0	21.8297
NE+3.30	B883	679	B242	0.4064	0	10.6262	0	3.9838	0	20.4972
NE+3.30	B883	679	B242	0.5418	0	12.5291	0	3.9838	0	18.9333
NE+3.30	B883	679	B242	0.6773	0	14.8225	0	3.9838	0	17.0853
NE+3.30	B883	679	B242	0.8127	0	17.4088	0	3.9838	0	14.9023
NE+3.30	B883	679	B242	0.9482	0	19.7022	0	3.9838	0	12.3845
NE+3.30	B883	679	B242	1.0836	0	21.6051	0	3.9838	0	9.5825
NE+3.30	B883	679	B242	1.2191	0	23.1176	0	3.9838	0	6.5491
NE+3.30	B883	679	B242	1.3545	0	24.2397	0	3.9838	0	3.3373
NE+3.30	B883	679	B242	1.49	0	24.9713	0	3.9838	0	0
NE+3.30	B909	677	Pprop	0	0	-1.6252	0	-2.631	0	0
NE+3.30	B909	677	Pprop	0.1382	0	-1.3297	0	-2.631	0	0.2042
NE+3.30	B909	677	Pprop	0.2764	0	-1.0342	0	-2.631	0	0.3675
NE+3.30	B909	677	Pprop	0.4145	0	-0.7387	0	-2.631	0	0.49
NE+3.30	B909	677	Pprop	0.5527	0	-0.4432	0	-2.631	0	0.5716
NE+3.30	B909	677	Pprop	0.6909	0	-0.1477	0	-2.631	0	0.6125
NE+3.30	B909	677	Pprop	0.8291	0	0.1477	0	-2.631	0	0.6125
NE+3.30	B909	677	Pprop	0.9673	0	0.4432	0	-2.631	0	0.5716

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B909	677	Pprop	1.1055	0	0.7387	0	-2.631	0	0.49
NE+3.30	B909	677	Pprop	1.2436	0	1.0342	0	-2.631	0	0.3675
NE+3.30	B909	677	Pprop	1.3818	0	1.3297	0	-2.631	0	0.2042
NE+3.30	B909	677	Pprop	1.52	0	1.6252	0	-2.631	0	0
NE+3.30	B909	677	Viva	0	0	-12.2383	0	-2.0704	0	0
NE+3.30	B909	677	Viva	0.1382	0	-10.0619	0	-2.0704	0	1.5412
NE+3.30	B909	677	Viva	0.2764	0	-7.8472	0	-2.0704	0	2.779
NE+3.30	B909	677	Viva	0.4145	0	-5.6059	0	-2.0704	0	3.7085
NE+3.30	B909	677	Viva	0.5527	0	-3.3635	0	-2.0704	0	4.3282
NE+3.30	B909	677	Viva	0.6909	0	-1.1212	0	-2.0704	0	4.6381
NE+3.30	B909	677	Viva	0.8291	0	1.1212	0	-2.0704	0	4.6381
NE+3.30	B909	677	Viva	0.9673	0	3.3635	0	-2.0704	0	4.3282
NE+3.30	B909	677	Viva	1.1055	0	5.6059	0	-2.0704	0	3.7085
NE+3.30	B909	677	Viva	1.2436	0	7.8472	0	-2.0704	0	2.779
NE+3.30	B909	677	Viva	1.3818	0	10.0619	0	-2.0704	0	1.5412
NE+3.30	B909	677	Viva	1.52	0	12.2383	0	-2.0704	0	0
NE+3.30	B909	677	Psup	0	0	-17.1386	0	-5.289	0	0
NE+3.30	B909	677	Psup	0.1382	0	-14.1855	0	-5.289	0	2.1657
NE+3.30	B909	677	Psup	0.2764	0	-11.1046	0	-5.289	0	3.9145
NE+3.30	B909	677	Psup	0.4145	0	-7.9342	0	-5.289	0	5.2301
NE+3.30	B909	677	Psup	0.5527	0	-4.7605	0	-5.289	0	6.1071
NE+3.30	B909	677	Psup	0.6909	0	-1.5868	0	-5.289	0	6.5457
NE+3.30	B909	677	Psup	0.8291	0	1.5868	0	-5.289	0	6.5457
NE+3.30	B909	677	Psup	0.9673	0	4.7605	0	-5.289	0	6.1071
NE+3.30	B909	677	Psup	1.1055	0	7.9342	0	-5.289	0	5.2301
NE+3.30	B909	677	Psup	1.2436	0	11.1046	0	-5.289	0	3.9145
NE+3.30	B909	677	Psup	1.3818	0	14.1855	0	-5.289	0	2.1657
NE+3.30	B909	677	Psup	1.52	0	17.1386	0	-5.289	0	0
NE+3.30	B909	677	Viva.cub	0	0	0	0	0.0237	0	0
NE+3.30	B909	677	Viva.cub	0.1382	0	0	0	0.0237	0	0
NE+3.30	B909	677	Viva.cub	0.2764	0	0	0	0.0237	0	0
NE+3.30	B909	677	Viva.cub	0.4145	0	0	0	0.0237	0	0
NE+3.30	B909	677	Viva.cub	0.5527	0	0	0	0.0237	0	0
NE+3.30	B909	677	Viva.cub	0.6909	0	0	0	0.0237	0	0
NE+3.30	B909	677	Viva.cub	0.8291	0	0	0	0.0237	0	0
NE+3.30	B909	677	Viva.cub	0.9673	0	0	0	0.0237	0	0
NE+3.30	B909	677	Viva.cub	1.1055	0	0	0	0.0237	0	0
NE+3.30	B909	677	Viva.cub	1.2436	0	0	0	0.0237	0	0
NE+3.30	B909	677	Viva.cub	1.3818	0	0	0	0.0237	0	0
NE+3.30	B909	677	Viva.cub	1.52	0	0	0	0.0237	0	0
NE+3.30	B909	677	DISX-COMB Max	0	0	0	0	0.4456	0	0
NE+3.30	B909	677	DISX-COMB Max	0.1382	0	0	0	0.4456	0	0
NE+3.30	B909	677	DISX-COMB Max	0.2764	0	0	0	0.4456	0	0
NE+3.30	B909	677	DISX-COMB Max	0.4145	0	0	0	0.4456	0	0
NE+3.30	B909	677	DISX-COMB Max	0.5527	0	0	0	0.4456	0	0

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B909	677	DISX-COMB Max	0.6909	0	0	0	0.4456	0	0
NE+3.30	B909	677	DISX-COMB Max	0.8291	0	0	0	0.4456	0	0
NE+3.30	B909	677	DISX-COMB Max	0.9673	0	0	0	0.4456	0	0
NE+3.30	B909	677	DISX-COMB Max	1.1055	0	0	0	0.4456	0	0
NE+3.30	B909	677	DISX-COMB Max	1.2436	0	0	0	0.4456	0	0
NE+3.30	B909	677	DISX-COMB Max	1.3818	0	0	0	0.4456	0	0
NE+3.30	B909	677	DISX-COMB Max	1.52	0	0	0	0.4456	0	0
NE+3.30	B909	677	DISY-COMB Max	0	0	0	0	0.6224	0	0
NE+3.30	B909	677	DISY-COMB Max	0.1382	0	0	0	0.6224	0	0
NE+3.30	B909	677	DISY-COMB Max	0.2764	0	0	0	0.6224	0	0
NE+3.30	B909	677	DISY-COMB Max	0.4145	0	0	0	0.6224	0	0
NE+3.30	B909	677	DISY-COMB Max	0.5527	0	0	0	0.6224	0	0
NE+3.30	B909	677	DISY-COMB Max	0.6909	0	0	0	0.6224	0	0
NE+3.30	B909	677	DISY-COMB Max	0.8291	0	0	0	0.6224	0	0
NE+3.30	B909	677	DISY-COMB Max	0.9673	0	0	0	0.6224	0	0
NE+3.30	B909	677	DISY-COMB Max	1.1055	0	0	0	0.6224	0	0
NE+3.30	B909	677	DISY-COMB Max	1.2436	0	0	0	0.6224	0	0
NE+3.30	B909	677	DISY-COMB Max	1.3818	0	0	0	0.6224	0	0
NE+3.30	B909	677	DISY-COMB Max	1.52	0	0	0	0.6224	0	0
NE+3.30	B909	677	B241	0	0	-24.3234	0	-10.2667	0	0
NE+3.30	B909	677	B241	0.1382	0	-20.1123	0	-10.2667	0	3.072
NE+3.30	B909	677	B241	0.2764	0	-15.7354	0	-10.2667	0	5.5507
NE+3.30	B909	677	B241	0.4145	0	-11.2426	0	-10.2667	0	7.4149
NE+3.30	B909	677	B241	0.5527	0	-6.7456	0	-10.2667	0	8.6577
NE+3.30	B909	677	B241	0.6909	0	-2.2485	0	-10.2667	0	9.2791
NE+3.30	B909	677	B241	0.8291	0	2.2485	0	-10.2667	0	9.2791
NE+3.30	B909	677	B241	0.9673	0	6.7456	0	-10.2667	0	8.6577
NE+3.30	B909	677	B241	1.1055	0	11.2426	0	-10.2667	0	7.4149
NE+3.30	B909	677	B241	1.2436	0	15.7354	0	-10.2667	0	5.5507
NE+3.30	B909	677	B241	1.3818	0	20.1123	0	-10.2667	0	3.072
NE+3.30	B909	677	B241	1.52	0	24.3234	0	-10.2667	0	0
NE+3.30	B909	677	B242	0	0	-40.43	0	-12.1008	0	0
NE+3.30	B909	677	B242	0.1382	0	-33.3381	0	-12.1008	0	5.099
NE+3.30	B909	677	B242	0.2764	0	-26.0431	0	-12.1008	0	9.2041
NE+3.30	B909	677	B242	0.4145	0	-18.6059	0	-12.1008	0	12.2892
NE+3.30	B909	677	B242	0.5527	0	-11.1635	0	-12.1008	0	14.346
NE+3.30	B909	677	B242	0.6909	0	-3.7212	0	-12.1008	0	15.3744
NE+3.30	B909	677	B242	0.8291	0	3.7212	0	-12.1008	0	15.3744
NE+3.30	B909	677	B242	0.9673	0	11.1635	0	-12.1008	0	14.346
NE+3.30	B909	677	B242	1.1055	0	18.6059	0	-12.1008	0	12.2892
NE+3.30	B909	677	B242	1.2436	0	26.0431	0	-12.1008	0	9.2041
NE+3.30	B909	677	B242	1.3818	0	33.3381	0	-12.1008	0	5.099
NE+3.30	B909	677	B242	1.52	0	40.43	0	-12.1008	0	0
NE+3.30	B113	300	Pprop	0	0	-3.7881	0	0.3754	0	0
NE+3.30	B113	300	Pprop	0.2079	0	-3.1954	0	0.3754	0	0.7259

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B113	300	Pprop	0.4158	0	-2.6027	0	0.3754	0	1.3285
NE+3.30	B113	300	Pprop	0.6236	0	-2.01	0	0.3754	0	1.808
NE+3.30	B113	300	Pprop	0.8315	0	-1.4173	0	0.3754	0	2.1642
NE+3.30	B113	300	Pprop	1.0394	0	-0.8246	0	0.3754	0	2.3973
NE+3.30	B113	300	Pprop	1.2473	0	-0.2319	0	0.3754	0	2.5071
NE+3.30	B113	300	Pprop	1.4552	0	0.3608	0	0.3754	0	2.4937
NE+3.30	B113	300	Pprop	1.5867	0	0.7359	0	0.3754	0	2.4215
NE+3.30	B113	300	Pprop	1.5867	0	3.3233	0	0.3754	0	3.0248
NE+3.30	B113	300	Pprop	1.6631	0	3.541	0	0.3754	0	2.7628
NE+3.30	B113	300	Pprop	1.8709	0	4.1337	0	0.3754	0	1.9651
NE+3.30	B113	300	Pprop	2.0788	0	4.7264	0	0.3754	0	1.0441
NE+3.30	B113	300	Pprop	2.2867	0	5.3191	0	0.3754	0	0
NE+3.30	B113	300	Viva	0	0	-4.1271	0	0.9096	0	0
NE+3.30	B113	300	Viva	0.2079	0	-3.9759	0	0.9096	0	0.8475
NE+3.30	B113	300	Viva	0.4158	0	-3.5221	0	0.9096	0	1.6321
NE+3.30	B113	300	Viva	0.6236	0	-2.7659	0	0.9096	0	2.2909
NE+3.30	B113	300	Viva	0.8315	0	-1.7144	0	0.9096	0	2.7612
NE+3.30	B113	300	Viva	1.0394	0	-0.6486	0	0.9096	0	3.0045
NE+3.30	B113	300	Viva	1.2473	0	0.266	0	0.9096	0	3.0405
NE+3.30	B113	300	Viva	1.4552	0	0.8997	0	0.9096	0	2.9141
NE+3.30	B113	300	Viva	1.5867	0	1.1444	0	0.9096	0	2.7784
NE+3.30	B113	300	Viva	1.5867	0	5.095	0	0.9096	0	3.8809
NE+3.30	B113	300	Viva	1.6631	0	5.2019	0	0.9096	0	3.4878
NE+3.30	B113	300	Viva	1.8709	0	5.493	0	0.9096	0	2.3762
NE+3.30	B113	300	Viva	2.0788	0	5.7436	0	0.9096	0	1.206
NE+3.30	B113	300	Viva	2.2867	0	5.83	0	0.9096	0	0
NE+3.30	B113	300	Psup	0	0	-7.9365	0	3.0005	0	0
NE+3.30	B113	300	Psup	0.2079	0	-7.6472	0	3.0005	0	1.6298
NE+3.30	B113	300	Psup	0.4158	0	-6.7791	0	3.0005	0	3.1393
NE+3.30	B113	300	Psup	0.6236	0	-5.3323	0	3.0005	0	4.4082
NE+3.30	B113	300	Psup	0.8315	0	-3.3165	0	3.0005	0	5.3163
NE+3.30	B113	300	Psup	1.0394	0	-1.1078	0	3.0005	0	5.7762
NE+3.30	B113	300	Psup	1.2473	0	1.0285	0	3.0005	0	5.7794
NE+3.30	B113	300	Psup	1.4552	0	2.6584	0	3.0005	0	5.3862
NE+3.30	B113	300	Psup	1.5867	0	3.3907	0	3.0005	0	4.9858
NE+3.30	B113	300	Psup	1.5867	0	10.1368	0	3.0005	0	8.1484
NE+3.30	B113	300	Psup	1.6631	0	10.4947	0	3.0005	0	7.3607
NE+3.30	B113	300	Psup	1.8709	0	11.469	0	3.0005	0	5.0778
NE+3.30	B113	300	Psup	2.0788	0	12.3082	0	3.0005	0	2.5987
NE+3.30	B113	300	Psup	2.2867	0	12.5975	0	3.0005	0	0
NE+3.30	B113	300	Viva.cub	0	0	-0.003	0	0.0014	0	0
NE+3.30	B113	300	Viva.cub	0.2079	0	-0.003	0	0.0014	0	0.0006
NE+3.30	B113	300	Viva.cub	0.4158	0	-0.003	0	0.0014	0	0.0012
NE+3.30	B113	300	Viva.cub	0.6236	0	-0.003	0	0.0014	0	0.0018
NE+3.30	B113	300	Viva.cub	0.8315	0	-0.003	0	0.0014	0	0.0025

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B113	300	Viva.cub	1.0394	0	-0.003	0	0.0014	0	0.0031
NE+3.30	B113	300	Viva.cub	1.2473	0	-0.003	0	0.0014	0	0.0037
NE+3.30	B113	300	Viva.cub	1.4552	0	-0.003	0	0.0014	0	0.0043
NE+3.30	B113	300	Viva.cub	1.5867	0	-0.003	0	0.0014	0	0.0047
NE+3.30	B113	300	Viva.cub	1.5867	0	-0.003	0	0.0014	0	-0.0021
NE+3.30	B113	300	Viva.cub	1.6631	0	-0.003	0	0.0014	0	-0.0018
NE+3.30	B113	300	Viva.cub	1.8709	0	-0.003	0	0.0014	0	-0.0012
NE+3.30	B113	300	Viva.cub	2.0788	0	-0.003	0	0.0014	0	-0.0006
NE+3.30	B113	300	Viva.cub	2.2867	0	-0.003	0	0.0014	0	0
NE+3.30	B113	300	DISX-COMB Max	0	0	0.3892	0	0.9719	0	0
NE+3.30	B113	300	DISX-COMB Max	0.2079	0	0.3892	0	0.9719	0	0.0809
NE+3.30	B113	300	DISX-COMB Max	0.4158	0	0.3892	0	0.9719	0	0.1618
NE+3.30	B113	300	DISX-COMB Max	0.6236	0	0.3892	0	0.9719	0	0.2427
NE+3.30	B113	300	DISX-COMB Max	0.8315	0	0.3892	0	0.9719	0	0.3236
NE+3.30	B113	300	DISX-COMB Max	1.0394	0	0.3892	0	0.9719	0	0.4045
NE+3.30	B113	300	DISX-COMB Max	1.2473	0	0.3892	0	0.9719	0	0.4854
NE+3.30	B113	300	DISX-COMB Max	1.4552	0	0.3892	0	0.9719	0	0.5663
NE+3.30	B113	300	DISX-COMB Max	1.5867	0	0.3892	0	0.9719	0	0.6175
NE+3.30	B113	300	DISX-COMB Max	1.5867	0	0.3891	0	0.9719	0	0.2724
NE+3.30	B113	300	DISX-COMB Max	1.6631	0	0.3891	0	0.9719	0	0.2427
NE+3.30	B113	300	DISX-COMB Max	1.8709	0	0.3891	0	0.9719	0	0.1618
NE+3.30	B113	300	DISX-COMB Max	2.0788	0	0.3891	0	0.9719	0	0.0809
NE+3.30	B113	300	DISX-COMB Max	2.2867	0	0.3891	0	0.9719	0	0
NE+3.30	B113	300	DISY-COMB Max	0	0	0.3518	0	0.1182	0	0
NE+3.30	B113	300	DISY-COMB Max	0.2079	0	0.3518	0	0.1182	0	0.0731
NE+3.30	B113	300	DISY-COMB Max	0.4158	0	0.3518	0	0.1182	0	0.1463
NE+3.30	B113	300	DISY-COMB Max	0.6236	0	0.3518	0	0.1182	0	0.2194
NE+3.30	B113	300	DISY-COMB Max	0.8315	0	0.3518	0	0.1182	0	0.2925
NE+3.30	B113	300	DISY-COMB Max	1.0394	0	0.3518	0	0.1182	0	0.3656
NE+3.30	B113	300	DISY-COMB Max	1.2473	0	0.3518	0	0.1182	0	0.4388
NE+3.30	B113	300	DISY-COMB Max	1.4552	0	0.3518	0	0.1182	0	0.5119
NE+3.30	B113	300	DISY-COMB Max	1.5867	0	0.3518	0	0.1182	0	0.5582
NE+3.30	B113	300	DISY-COMB Max	1.5867	0	0.3516	0	0.1182	0	0.2461
NE+3.30	B113	300	DISY-COMB Max	1.6631	0	0.3516	0	0.1182	0	0.2193
NE+3.30	B113	300	DISY-COMB Max	1.8709	0	0.3516	0	0.1182	0	0.1462
NE+3.30	B113	300	DISY-COMB Max	2.0788	0	0.3516	0	0.1182	0	0.0731
NE+3.30	B113	300	DISY-COMB Max	2.2867	0	0.3516	0	0.1182	0	0
NE+3.30	B113	300	B241	0	0	-15.1987	0	4.3761	0	0
NE+3.30	B113	300	B241	0.2079	0	-14.0552	0	4.3761	0	3.0537
NE+3.30	B113	300	B241	0.4158	0	-12.1616	0	4.3761	0	5.7917
NE+3.30	B113	300	B241	0.6236	0	-9.5178	0	4.3761	0	8.058
NE+3.30	B113	300	B241	0.8315	0	-6.1364	0	4.3761	0	9.697
NE+3.30	B113	300	B241	1.0394	0	-2.505	0	4.3761	0	10.5952
NE+3.30	B113	300	B241	1.2473	0	1.0326	0	4.3761	0	10.7417
NE+3.30	B113	300	B241	1.4552	0	3.9138	0	4.3761	0	10.2146

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B113	300	B241	1.5867	0	5.3492	0	4.3761	0	9.6021
NE+3.30	B113	300	B241	1.5867	0	17.4482	0	4.3761	0	14.4838
NE+3.30	B113	300	B241	1.6631	0	18.1943	0	4.3761	0	13.1231
NE+3.30	B113	300	B241	1.8709	0	20.2258	0	4.3761	0	9.1297
NE+3.30	B113	300	B241	2.0788	0	22.0819	0	4.3761	0	4.7223
NE+3.30	B113	300	B241	2.2867	0	23.2253	0	4.3761	0	0
NE+3.30	B113	300	B242	0	0	-19.6323	0	5.2071	0	0
NE+3.30	B113	300	B242	0.2079	0	-18.4102	0	5.2071	0	3.9737
NE+3.30	B113	300	B242	0.4158	0	-16.0611	0	5.2071	0	7.5762
NE+3.30	B113	300	B242	0.6236	0	-12.585	0	5.2071	0	10.5732
NE+3.30	B113	300	B242	0.8315	0	-8.0043	0	5.2071	0	12.7308
NE+3.30	B113	300	B242	1.0394	0	-3.1864	0	5.2071	0	13.8904
NE+3.30	B113	300	B242	1.2473	0	1.3092	0	5.2071	0	14.0739
NE+3.30	B113	300	B242	1.4552	0	4.7927	0	5.2071	0	13.4202
NE+3.30	B113	300	B242	1.5867	0	6.4146	0	5.2071	0	12.6782
NE+3.30	B113	300	B242	1.5867	0	23.1062	0	5.2071	0	18.6232
NE+3.30	B113	300	B242	1.6631	0	23.9168	0	5.2071	0	16.828
NE+3.30	B113	300	B242	1.8709	0	26.1236	0	5.2071	0	11.6267
NE+3.30	B113	300	B242	2.0788	0	28.1156	0	5.2071	0	5.9769
NE+3.30	B113	300	B242	2.2867	0	29.234	0	5.2071	0	0
NE+3.30	B456	199	Pprop	0	0	-2.5447	0	-0.0396	0	0
NE+3.30	B456	199	Pprop	0.2164	0	-2.082	0	-0.0396	0	0.5005
NE+3.30	B456	199	Pprop	0.4327	0	-1.6194	0	-0.0396	0	0.901
NE+3.30	B456	199	Pprop	0.4617	0	-1.5574	0	-0.0396	0	0.947
NE+3.30	B456	199	Pprop	0.4617	0	-1.5574	0	-0.0396	0	0.947
NE+3.30	B456	199	Pprop	0.6491	0	-1.1567	0	-0.0396	0	1.2013
NE+3.30	B456	199	Pprop	0.8655	0	-0.694	0	-0.0396	0	1.4015
NE+3.30	B456	199	Pprop	1.0818	0	-0.2313	0	-0.0396	0	1.5016
NE+3.30	B456	199	Pprop	1.2982	0	0.2313	0	-0.0396	0	1.5016
NE+3.30	B456	199	Pprop	1.5145	0	0.694	0	-0.0396	0	1.4015
NE+3.30	B456	199	Pprop	1.7309	0	1.1567	0	-0.0396	0	1.2013
NE+3.30	B456	199	Pprop	1.9473	0	1.6194	0	-0.0396	0	0.9009
NE+3.30	B456	199	Pprop	2.1636	0	2.082	0	-0.0396	0	0.5005
NE+3.30	B456	199	Pprop	2.38	0	2.5447	0	-0.0396	0	0
NE+3.30	B456	199	Viva	0	0	-5.2131	0	-0.0932	0	0
NE+3.30	B456	199	Viva	0.2164	0	-4.9436	0	-0.0932	0	1.1085
NE+3.30	B456	199	Viva	0.4327	0	-4.4033	0	-0.0932	0	2.1115
NE+3.30	B456	199	Viva	0.4617	0	-4.3935	0	-0.0932	0	2.2389
NE+3.30	B456	199	Viva	0.4617	0	-1.1316	0	-0.0931	0	2.2389
NE+3.30	B456	199	Viva	0.6491	0	-1.0439	0	-0.0931	0	2.4455
NE+3.30	B456	199	Viva	0.8655	0	-0.7244	0	-0.0931	0	2.641
NE+3.30	B456	199	Viva	1.0818	0	-0.171	0	-0.0931	0	2.7421
NE+3.30	B456	199	Viva	1.2982	0	0.6163	0	-0.0931	0	2.6981
NE+3.30	B456	199	Viva	1.5145	0	1.5939	0	-0.0931	0	2.4599
NE+3.30	B456	199	Viva	1.7309	0	2.4132	0	-0.0931	0	2.0221

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B456	199	Viva	1.9473	0	2.9983	0	-0.0931	0	1.4325
NE+3.30	B456	199	Viva	2.1636	0	3.3494	0	-0.0931	0	0.7416
NE+3.30	B456	199	Viva	2.38	0	3.4664	0	-0.0931	0	0
NE+3.30	B456	199	Psup	0	0	-6.9814	0	0.0047	0	0
NE+3.30	B456	199	Psup	0.2164	0	-6.6205	0	0.0047	0	1.4845
NE+3.30	B456	199	Psup	0.4327	0	-5.8969	0	0.0047	0	2.8277
NE+3.30	B456	199	Psup	0.4617	0	-5.8838	0	0.0047	0	2.9983
NE+3.30	B456	199	Psup	0.4617	0	-1.5154	0	0.0047	0	2.9983
NE+3.30	B456	199	Psup	0.6491	0	-1.398	0	0.0047	0	3.275
NE+3.30	B456	199	Psup	0.8655	0	-0.9701	0	0.0047	0	3.5368
NE+3.30	B456	199	Psup	1.0818	0	-0.229	0	0.0047	0	3.6722
NE+3.30	B456	199	Psup	1.2982	0	0.8253	0	0.0047	0	3.6133
NE+3.30	B456	199	Psup	1.5145	0	2.1346	0	0.0047	0	3.2942
NE+3.30	B456	199	Psup	1.7309	0	3.2317	0	0.0047	0	2.7081
NE+3.30	B456	199	Psup	1.9473	0	4.0153	0	0.0047	0	1.9184
NE+3.30	B456	199	Psup	2.1636	0	4.4855	0	0.0047	0	0.9931
NE+3.30	B456	199	Psup	2.38	0	4.6423	0	0.0047	0	0
NE+3.30	B456	199	Viva.cub	0	0	0	0	-0.0031	0	0
NE+3.30	B456	199	Viva.cub	0.2164	0	0	0	-0.0031	0	0
NE+3.30	B456	199	Viva.cub	0.4327	0	0	0	-0.0031	0	0
NE+3.30	B456	199	Viva.cub	0.4617	0	0	0	-0.0031	0	0
NE+3.30	B456	199	Viva.cub	0.4617	0	0	0	-0.0031	0	0
NE+3.30	B456	199	Viva.cub	0.6491	0	0	0	-0.0031	0	0
NE+3.30	B456	199	Viva.cub	0.8655	0	0	0	-0.0031	0	0
NE+3.30	B456	199	Viva.cub	1.0818	0	0	0	-0.0031	0	0
NE+3.30	B456	199	Viva.cub	1.2982	0	0	0	-0.0031	0	0
NE+3.30	B456	199	Viva.cub	1.5145	0	0	0	-0.0031	0	0
NE+3.30	B456	199	Viva.cub	1.7309	0	0	0	-0.0031	0	0
NE+3.30	B456	199	Viva.cub	1.9473	0	0	0	-0.0031	0	0
NE+3.30	B456	199	Viva.cub	2.1636	0	0	0	-0.0031	0	0
NE+3.30	B456	199	Viva.cub	2.38	0	0	0	-0.0031	0	0
NE+3.30	B456	199	DISX-COMB Max	0	0	1.902E-06	0	0.0857	0	0
NE+3.30	B456	199	DISX-COMB Max	0.2164	0	1.902E-06	0	0.0857	0	0
NE+3.30	B456	199	DISX-COMB Max	0.4327	0	1.902E-06	0	0.0857	0	8.232E-07
NE+3.30	B456	199	DISX-COMB Max	0.4617	0	1.902E-06	0	0.0857	0	8.783E-07
NE+3.30	B456	199	DISX-COMB Max	0.4617	0	0	0	0.0857	0	7.246E-07
NE+3.30	B456	199	DISX-COMB Max	0.6491	0	0	0	0.0857	0	6.538E-07
NE+3.30	B456	199	DISX-COMB Max	0.8655	0	0	0	0.0857	0	5.721E-07
NE+3.30	B456	199	DISX-COMB Max	1.0818	0	0	0	0.0857	0	0
NE+3.30	B456	199	DISX-COMB Max	1.2982	0	0	0	0.0857	0	0
NE+3.30	B456	199	DISX-COMB Max	1.5145	0	0	0	0.0857	0	0
NE+3.30	B456	199	DISX-COMB Max	1.7309	0	0	0	0.0857	0	0
NE+3.30	B456	199	DISX-COMB Max	1.9473	0	0	0	0.0857	0	0
NE+3.30	B456	199	DISX-COMB Max	2.1636	0	0	0	0.0857	0	0
NE+3.30	B456	199	DISX-COMB Max	2.38	0	0	0	0.0857	0	0

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B456	199	DISY-COMB Max	0	0	1.177E-05	0	0.52	0	0
NE+3.30	B456	199	DISY-COMB Max	0.2164	0	1.177E-05	0	0.52	0	2.546E-06
NE+3.30	B456	199	DISY-COMB Max	0.4327	0	1.177E-05	0	0.52	0	5.093E-06
NE+3.30	B456	199	DISY-COMB Max	0.4617	0	1.177E-05	0	0.52	0	5.434E-06
NE+3.30	B456	199	DISY-COMB Max	0.4617	0	1.443E-06	0	0.52	0	2.768E-06
NE+3.30	B456	199	DISY-COMB Max	0.6491	0	1.443E-06	0	0.52	0	2.497E-06
NE+3.30	B456	199	DISY-COMB Max	0.8655	0	1.443E-06	0	0.52	0	2.185E-06
NE+3.30	B456	199	DISY-COMB Max	1.0818	0	1.443E-06	0	0.52	0	1.873E-06
NE+3.30	B456	199	DISY-COMB Max	1.2982	0	1.443E-06	0	0.52	0	1.561E-06
NE+3.30	B456	199	DISY-COMB Max	1.5145	0	1.443E-06	0	0.52	0	1.249E-06
NE+3.30	B456	199	DISY-COMB Max	1.7309	0	1.443E-06	0	0.52	0	9.365E-07
NE+3.30	B456	199	DISY-COMB Max	1.9473	0	1.443E-06	0	0.52	0	6.243E-07
NE+3.30	B456	199	DISY-COMB Max	2.1636	0	1.443E-06	0	0.52	0	0
NE+3.30	B456	199	DISY-COMB Max	2.38	0	1.443E-06	0	0.52	0	0
NE+3.30	B456	199	B241	0	0	-12.3486	0	-0.0452	0	0
NE+3.30	B456	199	B241	0.2164	0	-11.281	0	-0.0452	0	2.5732
NE+3.30	B456	199	B241	0.4327	0	-9.7432	0	-0.0452	0	4.8334
NE+3.30	B456	199	B241	0.4617	0	-9.646	0	-0.0452	0	5.1143
NE+3.30	B456	199	B241	0.4617	0	-3.9833	0	-0.0452	0	5.1143
NE+3.30	B456	199	B241	0.6491	0	-3.3116	0	-0.0452	0	5.8025
NE+3.30	B456	199	B241	0.8655	0	-2.1572	0	-0.0452	0	6.4015
NE+3.30	B456	199	B241	1.0818	0	-0.5967	0	-0.0452	0	6.7067
NE+3.30	B456	199	B241	1.2982	0	1.3698	0	-0.0452	0	6.6304
NE+3.30	B456	199	B241	1.5145	0	3.6667	0	-0.0452	0	6.087
NE+3.30	B456	199	B241	1.7309	0	5.6886	0	-0.0452	0	5.0676
NE+3.30	B456	199	B241	1.9473	0	7.3042	0	-0.0452	0	3.6547
NE+3.30	B456	199	B241	2.1636	0	8.5135	0	-0.0452	0	1.9362
NE+3.30	B456	199	B241	2.38	0	9.3164	0	-0.0452	0	0
NE+3.30	B456	199	B242	0	0	-18.9254	0	-0.1894	0	0
NE+3.30	B456	199	B242	0.2164	0	-17.5792	0	-0.1894	0	3.9791
NE+3.30	B456	199	B242	0.4327	0	-15.3966	0	-0.1894	0	7.5213
NE+3.30	B456	199	B242	0.4617	0	-15.2977	0	-0.1894	0	7.9659
NE+3.30	B456	199	B242	0.4617	0	-5.2248	0	-0.1894	0	7.9659
NE+3.30	B456	199	B242	0.6491	0	-4.5087	0	-0.1894	0	8.8863
NE+3.30	B456	199	B242	0.8655	0	-3.008	0	-0.1894	0	9.7125
NE+3.30	B456	199	B242	1.0818	0	-0.7851	0	-0.1894	0	10.1359
NE+3.30	B456	199	B242	1.2982	0	2.1601	0	-0.1894	0	10.0002
NE+3.30	B456	199	B242	1.5145	0	5.6931	0	-0.1894	0	9.1532
NE+3.30	B456	199	B242	1.7309	0	8.737	0	-0.1894	0	7.5791
NE+3.30	B456	199	B242	1.9473	0	11.0581	0	-0.1894	0	5.4246
NE+3.30	B456	199	B242	2.1636	0	12.6564	0	-0.1894	0	2.8461
NE+3.30	B456	199	B242	2.38	0	13.5318	0	-0.1894	0	0
NE+3.30	B458	205	Pprop	0	0	-2.5447	0	-0.0472	0	0
NE+3.30	B458	205	Pprop	0.2164	0	-2.082	0	-0.0472	0	0.5005
NE+3.30	B458	205	Pprop	0.4327	0	-1.6194	0	-0.0472	0	0.901

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B458	205	Pprop	0.46	0	-1.561	0	-0.0472	0	0.9443
NE+3.30	B458	205	Pprop	0.46	0	-1.561	0	-0.0472	0	0.9443
NE+3.30	B458	205	Pprop	0.6491	0	-1.1567	0	-0.0472	0	1.2013
NE+3.30	B458	205	Pprop	0.8655	0	-0.694	0	-0.0472	0	1.4015
NE+3.30	B458	205	Pprop	1.0818	0	-0.2313	0	-0.0472	0	1.5016
NE+3.30	B458	205	Pprop	1.2982	0	0.2313	0	-0.0472	0	1.5016
NE+3.30	B458	205	Pprop	1.5145	0	0.694	0	-0.0472	0	1.4015
NE+3.30	B458	205	Pprop	1.7309	0	1.1567	0	-0.0472	0	1.2013
NE+3.30	B458	205	Pprop	1.9473	0	1.6194	0	-0.0472	0	0.9009
NE+3.30	B458	205	Pprop	2.1636	0	2.082	0	-0.0472	0	0.5005
NE+3.30	B458	205	Pprop	2.38	0	2.5447	0	-0.0472	0	0
NE+3.30	B458	205	Viva	0	0	-2.5682	0	-0.1713	0	0
NE+3.30	B458	205	Viva	0.2164	0	-2.4348	0	-0.1713	0	0.546
NE+3.30	B458	205	Viva	0.4327	0	-2.1707	0	-0.1713	0	1.0401
NE+3.30	B458	205	Viva	0.46	0	-2.1665	0	-0.1713	0	1.0992
NE+3.30	B458	205	Viva	0.46	0	-0.3493	0	-0.1713	0	1.0992
NE+3.30	B458	205	Viva	0.6491	0	-0.3136	0	-0.1713	0	1.163
NE+3.30	B458	205	Viva	0.8655	0	-0.1849	0	-0.1713	0	1.2186
NE+3.30	B458	205	Viva	1.0818	0	0.0375	0	-0.1713	0	1.2363
NE+3.30	B458	205	Viva	1.2982	0	0.3535	0	-0.1713	0	1.1956
NE+3.30	B458	205	Viva	1.5145	0	0.7452	0	-0.1713	0	1.0771
NE+3.30	B458	205	Viva	1.7309	0	1.0729	0	-0.1713	0	0.8787
NE+3.30	B458	205	Viva	1.9473	0	1.307	0	-0.1713	0	0.6196
NE+3.30	B458	205	Viva	2.1636	0	1.4474	0	-0.1713	0	0.3199
NE+3.30	B458	205	Viva	2.38	0	1.4942	0	-0.1713	0	0
NE+3.30	B458	205	Psup	0	0	-8.5984	0	-0.1473	0	0
NE+3.30	B458	205	Psup	0.2164	0	-8.1516	0	-0.1473	0	1.8282
NE+3.30	B458	205	Psup	0.4327	0	-7.2675	0	-0.1473	0	3.4822
NE+3.30	B458	205	Psup	0.46	0	-7.2534	0	-0.1473	0	3.6801
NE+3.30	B458	205	Psup	0.46	0	-1.1696	0	-0.1473	0	3.6801
NE+3.30	B458	205	Psup	0.6491	0	-1.0498	0	-0.1473	0	3.8937
NE+3.30	B458	205	Psup	0.8655	0	-0.619	0	-0.1473	0	4.0799
NE+3.30	B458	205	Psup	1.0818	0	0.1254	0	-0.1473	0	4.139
NE+3.30	B458	205	Psup	1.2982	0	1.1835	0	-0.1473	0	4.003
NE+3.30	B458	205	Psup	1.5145	0	2.495	0	-0.1473	0	3.6061
NE+3.30	B458	205	Psup	1.7309	0	3.5921	0	-0.1473	0	2.942
NE+3.30	B458	205	Psup	1.9473	0	4.3757	0	-0.1473	0	2.0744
NE+3.30	B458	205	Psup	2.1636	0	4.8459	0	-0.1473	0	1.0711
NE+3.30	B458	205	Psup	2.38	0	5.0027	0	-0.1473	0	0
NE+3.30	B458	205	Viva.cub	0	0	0	0	-0.0038	0	0
NE+3.30	B458	205	Viva.cub	0.2164	0	0	0	-0.0038	0	0
NE+3.30	B458	205	Viva.cub	0.4327	0	0	0	-0.0038	0	0
NE+3.30	B458	205	Viva.cub	0.46	0	0	0	-0.0038	0	0
NE+3.30	B458	205	Viva.cub	0.46	0	0	0	-0.0038	0	0
NE+3.30	B458	205	Viva.cub	0.6491	0	0	0	-0.0038	0	0

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B458	205	Viva.cub	0.8655	0	0	0	-0.0038	0	0
NE+3.30	B458	205	Viva.cub	1.0818	0	0	0	-0.0038	0	0
NE+3.30	B458	205	Viva.cub	1.2982	0	0	0	-0.0038	0	0
NE+3.30	B458	205	Viva.cub	1.5145	0	0	0	-0.0038	0	0
NE+3.30	B458	205	Viva.cub	1.7309	0	0	0	-0.0038	0	0
NE+3.30	B458	205	Viva.cub	1.9473	0	0	0	-0.0038	0	0
NE+3.30	B458	205	Viva.cub	2.1636	0	0	0	-0.0038	0	0
NE+3.30	B458	205	Viva.cub	2.38	0	0	0	-0.0038	0	0
NE+3.30	B458	205	DISX-COMB Max	0	0	1.763E-06	0	0.1672	0	0
NE+3.30	B458	205	DISX-COMB Max	0.2164	0	1.763E-06	0	0.1672	0	0
NE+3.30	B458	205	DISX-COMB Max	0.4327	0	1.763E-06	0	0.1672	0	7.63E-07
NE+3.30	B458	205	DISX-COMB Max	0.46	0	1.763E-06	0	0.1672	0	8.111E-07
NE+3.30	B458	205	DISX-COMB Max	0.46	0	0	0	0.1672	0	6.677E-07
NE+3.30	B458	205	DISX-COMB Max	0.6491	0	0	0	0.1672	0	6.02E-07
NE+3.30	B458	205	DISX-COMB Max	0.8655	0	0	0	0.1672	0	5.267E-07
NE+3.30	B458	205	DISX-COMB Max	1.0818	0	0	0	0.1672	0	0
NE+3.30	B458	205	DISX-COMB Max	1.2982	0	0	0	0.1672	0	0
NE+3.30	B458	205	DISX-COMB Max	1.5145	0	0	0	0.1672	0	0
NE+3.30	B458	205	DISX-COMB Max	1.7309	0	0	0	0.1672	0	0
NE+3.30	B458	205	DISX-COMB Max	1.9473	0	0	0	0.1672	0	0
NE+3.30	B458	205	DISX-COMB Max	2.1636	0	0	0	0.1672	0	0
NE+3.30	B458	205	DISX-COMB Max	2.38	0	0	0	0.1672	0	0
NE+3.30	B458	205	DISY-COMB Max	0	0	8.874E-06	0	0.6046	0	0
NE+3.30	B458	205	DISY-COMB Max	0.2164	0	8.874E-06	0	0.6046	0	1.92E-06
NE+3.30	B458	205	DISY-COMB Max	0.4327	0	8.874E-06	0	0.6046	0	3.84E-06
NE+3.30	B458	205	DISY-COMB Max	0.46	0	8.874E-06	0	0.6046	0	4.082E-06
NE+3.30	B458	205	DISY-COMB Max	0.46	0	1.42E-06	0	0.6046	0	2.727E-06
NE+3.30	B458	205	DISY-COMB Max	0.6491	0	1.42E-06	0	0.6046	0	2.458E-06
NE+3.30	B458	205	DISY-COMB Max	0.8655	0	1.42E-06	0	0.6046	0	2.151E-06
NE+3.30	B458	205	DISY-COMB Max	1.0818	0	1.42E-06	0	0.6046	0	1.844E-06
NE+3.30	B458	205	DISY-COMB Max	1.2982	0	1.42E-06	0	0.6046	0	1.536E-06
NE+3.30	B458	205	DISY-COMB Max	1.5145	0	1.42E-06	0	0.6046	0	1.229E-06
NE+3.30	B458	205	DISY-COMB Max	1.7309	0	1.42E-06	0	0.6046	0	9.218E-07
NE+3.30	B458	205	DISY-COMB Max	1.9473	0	1.42E-06	0	0.6046	0	6.145E-07
NE+3.30	B458	205	DISY-COMB Max	2.1636	0	1.42E-06	0	0.6046	0	0
NE+3.30	B458	205	DISY-COMB Max	2.38	0	1.42E-06	0	0.6046	0	0
NE+3.30	B458	205	B241	0	0	-14.4448	0	-0.2522	0	0
NE+3.30	B458	205	B241	0.2164	0	-13.2658	0	-0.2522	0	3.0187
NE+3.30	B458	205	B241	0.4327	0	-11.5201	0	-0.2522	0	5.6818
NE+3.30	B458	205	B241	0.46	0	-11.4261	0	-0.2522	0	5.9947
NE+3.30	B458	205	B241	0.46	0	-3.5397	0	-0.2522	0	5.9947
NE+3.30	B458	205	B241	0.6491	0	-2.8603	0	-0.2522	0	6.6046
NE+3.30	B458	205	B241	0.8655	0	-1.702	0	-0.2522	0	7.1055
NE+3.30	B458	205	B241	1.0818	0	-0.1373	0	-0.2522	0	7.3118
NE+3.30	B458	205	B241	1.2982	0	1.834	0	-0.2522	0	7.1356

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B458	205	B241	1.5145	0	4.1339	0	-0.2522	0	6.4914
NE+3.30	B458	205	B241	1.7309	0	6.1558	0	-0.2522	0	5.3709
NE+3.30	B458	205	B241	1.9473	0	7.7714	0	-0.2522	0	3.8569
NE+3.30	B458	205	B241	2.1636	0	8.9807	0	-0.2522	0	2.0373
NE+3.30	B458	205	B241	2.38	0	9.7836	0	-0.2522	0	0
NE+3.30	B458	205	B242	0	0	-16.4904	0	-0.4922	0	0
NE+3.30	B458	205	B242	0.2164	0	-15.2663	0	-0.4922	0	3.4611
NE+3.30	B458	205	B242	0.4327	0	-13.3475	0	-0.4922	0	6.5343
NE+3.30	B458	205	B242	0.46	0	-13.2602	0	-0.4922	0	6.897
NE+3.30	B458	205	B242	0.46	0	-3.593	0	-0.4922	0	6.897
NE+3.30	B458	205	B242	0.6491	0	-2.9534	0	-0.4922	0	7.5219
NE+3.30	B458	205	B242	0.8655	0	-1.7547	0	-0.4922	0	8.0402
NE+3.30	B458	205	B242	1.0818	0	-0.0577	0	-0.4922	0	8.2453
NE+3.30	B458	205	B242	1.2982	0	2.1376	0	-0.4922	0	8.0293
NE+3.30	B458	205	B242	1.5145	0	4.7356	0	-0.4922	0	7.2874
NE+3.30	B458	205	B242	1.7309	0	6.9931	0	-0.4922	0	6.0096
NE+3.30	B458	205	B242	1.9473	0	8.7524	0	-0.4922	0	4.2972
NE+3.30	B458	205	B242	2.1636	0	10.0136	0	-0.4922	0	2.2581
NE+3.30	B458	205	B242	2.38	0	10.7767	0	-0.4922	0	0
NE+3.30	B451	184	Pprop	0	0	2.9963	0	-0.1922	0	0
NE+3.30	B451	184	Pprop	0.1705	0	3.4823	0	-0.1922	0	-0.5522
NE+3.30	B451	184	Pprop	0.3409	0	3.9683	0	-0.1922	0	-1.1871
NE+3.30	B451	184	Pprop	0.5114	0	4.4543	0	-0.1922	0	-1.905
NE+3.30	B451	184	Pprop	0.6818	0	4.9403	0	-0.1922	0	-2.7056
NE+3.30	B451	184	Pprop	0.8523	0	5.4263	0	-0.1922	0	-3.5892
NE+3.30	B451	184	Pprop	1.0227	0	5.9123	0	-0.1922	0	-4.5555
NE+3.30	B451	184	Pprop	1.1932	0	6.3983	0	-0.1922	0	-5.6047
NE+3.30	B451	184	Pprop	1.3636	0	6.8843	0	-0.1922	0	-6.7367
NE+3.30	B451	184	Pprop	1.5341	0	7.3703	0	-0.1922	0	-7.9516
NE+3.30	B451	184	Pprop	1.7045	0	7.8563	0	-0.1922	0	-9.2493
NE+3.30	B451	184	Pprop	1.875	0	8.3423	0	-0.1922	0	-10.6299
NE+3.30	B451	184	Viva	0	0	-1.1827	0	-0.4189	0	0
NE+3.30	B451	184	Viva	0.1705	0	-0.199	0	-0.4189	0	0.1186
NE+3.30	B451	184	Viva	0.3409	0	0.8427	0	-0.4189	0	0.0646
NE+3.30	B451	184	Viva	0.5114	0	1.9425	0	-0.4189	0	-0.172
NE+3.30	B451	184	Viva	0.6818	0	3.1004	0	-0.4189	0	-0.601
NE+3.30	B451	184	Viva	0.8523	0	4.3164	0	-0.4189	0	-1.2322
NE+3.30	B451	184	Viva	1.0227	0	5.5761	0	-0.4189	0	-2.0754
NE+3.30	B451	184	Viva	1.1932	0	6.7921	0	-0.4189	0	-3.1303
NE+3.30	B451	184	Viva	1.3636	0	7.95	0	-0.4189	0	-4.3875
NE+3.30	B451	184	Viva	1.5341	0	9.0499	0	-0.4189	0	-5.8372
NE+3.30	B451	184	Viva	1.7045	0	10.0916	0	-0.4189	0	-7.4694
NE+3.30	B451	184	Viva	1.875	0	11.0752	0	-0.4189	0	-9.2742
NE+3.30	B451	184	Psup	0	0	3.1038	0	-1.4317	0	0
NE+3.30	B451	184	Psup	0.1705	0	4.4794	0	-1.4317	0	-0.6435

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B451	184	Psup	0.3409	0	6.0496	0	-1.4317	0	-1.5381
NE+3.30	B451	184	Psup	0.5114	0	7.8143	0	-1.4317	0	-2.717
NE+3.30	B451	184	Psup	0.6818	0	9.7735	0	-1.4317	0	-4.2132
NE+3.30	B451	184	Psup	0.8523	0	11.9274	0	-1.4317	0	-6.0599
NE+3.30	B451	184	Psup	1.0227	0	14.2271	0	-1.4317	0	-8.289
NE+3.30	B451	184	Psup	1.1932	0	16.3809	0	-1.4317	0	-10.9004
NE+3.30	B451	184	Psup	1.3636	0	18.3401	0	-1.4317	0	-13.8623
NE+3.30	B451	184	Psup	1.5341	0	20.1048	0	-1.4317	0	-17.1416
NE+3.30	B451	184	Psup	1.7045	0	21.675	0	-1.4317	0	-20.7052
NE+3.30	B451	184	Psup	1.875	0	23.0506	0	-1.4317	0	-24.5198
NE+3.30	B451	184	Viva.cub	0	0	0.0252	0	-0.0005	0	0
NE+3.30	B451	184	Viva.cub	0.1705	0	0.0252	0	-0.0005	0	-0.0043
NE+3.30	B451	184	Viva.cub	0.3409	0	0.0252	0	-0.0005	0	-0.0086
NE+3.30	B451	184	Viva.cub	0.5114	0	0.0252	0	-0.0005	0	-0.0129
NE+3.30	B451	184	Viva.cub	0.6818	0	0.0252	0	-0.0005	0	-0.0172
NE+3.30	B451	184	Viva.cub	0.8523	0	0.0252	0	-0.0005	0	-0.0215
NE+3.30	B451	184	Viva.cub	1.0227	0	0.0252	0	-0.0005	0	-0.0258
NE+3.30	B451	184	Viva.cub	1.1932	0	0.0252	0	-0.0005	0	-0.0301
NE+3.30	B451	184	Viva.cub	1.3636	0	0.0252	0	-0.0005	0	-0.0344
NE+3.30	B451	184	Viva.cub	1.5341	0	0.0252	0	-0.0005	0	-0.0387
NE+3.30	B451	184	Viva.cub	1.7045	0	0.0252	0	-0.0005	0	-0.043
NE+3.30	B451	184	Viva.cub	1.875	0	0.0252	0	-0.0005	0	-0.0473
NE+3.30	B451	184	DISX-COMB Max	0	0	14.4835	0	4.0595	0	0
NE+3.30	B451	184	DISX-COMB Max	0.1705	0	14.4835	0	4.0595	0	2.4688
NE+3.30	B451	184	DISX-COMB Max	0.3409	0	14.4835	0	4.0595	0	4.9376
NE+3.30	B451	184	DISX-COMB Max	0.5114	0	14.4835	0	4.0595	0	7.4064
NE+3.30	B451	184	DISX-COMB Max	0.6818	0	14.4835	0	4.0595	0	9.8751
NE+3.30	B451	184	DISX-COMB Max	0.8523	0	14.4835	0	4.0595	0	12.3439
NE+3.30	B451	184	DISX-COMB Max	1.0227	0	14.4835	0	4.0595	0	14.8127
NE+3.30	B451	184	DISX-COMB Max	1.1932	0	14.4835	0	4.0595	0	17.2815
NE+3.30	B451	184	DISX-COMB Max	1.3636	0	14.4835	0	4.0595	0	19.7503
NE+3.30	B451	184	DISX-COMB Max	1.5341	0	14.4835	0	4.0595	0	22.2191
NE+3.30	B451	184	DISX-COMB Max	1.7045	0	14.4835	0	4.0595	0	24.6878
NE+3.30	B451	184	DISX-COMB Max	1.875	0	14.4835	0	4.0595	0	27.1566
NE+3.30	B451	184	DISY-COMB Max	0	0	12.6376	0	1.8055	0	0
NE+3.30	B451	184	DISY-COMB Max	0.1705	0	12.6376	0	1.8055	0	2.1541
NE+3.30	B451	184	DISY-COMB Max	0.3409	0	12.6376	0	1.8055	0	4.3083
NE+3.30	B451	184	DISY-COMB Max	0.5114	0	12.6376	0	1.8055	0	6.4624
NE+3.30	B451	184	DISY-COMB Max	0.6818	0	12.6376	0	1.8055	0	8.6165
NE+3.30	B451	184	DISY-COMB Max	0.8523	0	12.6376	0	1.8055	0	10.7706
NE+3.30	B451	184	DISY-COMB Max	1.0227	0	12.6376	0	1.8055	0	12.9248
NE+3.30	B451	184	DISY-COMB Max	1.1932	0	12.6376	0	1.8055	0	15.0789
NE+3.30	B451	184	DISY-COMB Max	1.3636	0	12.6376	0	1.8055	0	17.233
NE+3.30	B451	184	DISY-COMB Max	1.5341	0	12.6376	0	1.8055	0	19.3872
NE+3.30	B451	184	DISY-COMB Max	1.7045	0	12.6376	0	1.8055	0	21.5413

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B451	184	DISY-COMB Max	1.875	0	12.6376	0	1.8055	0	23.6954
NE+3.30	B451	184	B241	0	0	7.9076	0	-2.1051	0	0
NE+3.30	B451	184	B241	0.1705	0	10.3207	0	-2.1051	0	-1.55
NE+3.30	B451	184	B241	0.3409	0	12.9861	0	-2.1051	0	-3.5328
NE+3.30	B451	184	B241	0.5114	0	15.9037	0	-2.1051	0	-5.9914
NE+3.30	B451	184	B241	0.6818	0	19.0735	0	-2.1051	0	-8.9688
NE+3.30	B451	184	B241	0.8523	0	22.4954	0	-2.1051	0	-12.508
NE+3.30	B451	184	B241	1.0227	0	26.1066	0	-2.1051	0	-16.6503
NE+3.30	B451	184	B241	1.1932	0	29.5285	0	-2.1051	0	-21.3955
NE+3.30	B451	184	B241	1.3636	0	32.6983	0	-2.1051	0	-26.7025
NE+3.30	B451	184	B241	1.5341	0	35.6159	0	-2.1051	0	-32.5283
NE+3.30	B451	184	B241	1.7045	0	38.2813	0	-2.1051	0	-38.8299
NE+3.30	B451	184	B241	1.875	0	40.6945	0	-2.1051	0	-45.5644
NE+3.30	B451	184	B242	0	0	4.8983	0	-2.4749	0	0
NE+3.30	B451	184	B242	0.1705	0	8.5405	0	-2.4749	0	-1.141
NE+3.30	B451	184	B242	0.3409	0	12.4918	0	-2.4749	0	-2.9291
NE+3.30	B451	184	B242	0.5114	0	16.7523	0	-2.4749	0	-5.4171
NE+3.30	B451	184	B242	0.6818	0	21.322	0	-2.4749	0	-8.6577
NE+3.30	B451	184	B242	0.8523	0	26.2007	0	-2.4749	0	-12.7035
NE+3.30	B451	184	B242	1.0227	0	31.3114	0	-2.4749	0	-17.6051
NE+3.30	B451	184	B242	1.1932	0	36.1901	0	-2.4749	0	-23.3625
NE+3.30	B451	184	B242	1.3636	0	40.7598	0	-2.4749	0	-29.9251
NE+3.30	B451	184	B242	1.5341	0	45.0203	0	-2.4749	0	-37.2403
NE+3.30	B451	184	B242	1.7045	0	48.9716	0	-2.4749	0	-45.2554
NE+3.30	B451	184	B242	1.875	0	52.6138	0	-2.4749	0	-53.9176
NE+3.30	B457	190	Pprop	0	0	-8.2632	0	0.0803	0	-11.441
NE+3.30	B457	190	Pprop	0.2079	0	-7.6705	0	0.0803	0	-9.7849
NE+3.30	B457	190	Pprop	0.4158	0	-7.0778	0	0.0803	0	-8.252
NE+3.30	B457	190	Pprop	0.6236	0	-6.4851	0	0.0803	0	-6.8422
NE+3.30	B457	190	Pprop	0.8315	0	-5.8924	0	0.0803	0	-5.5557
NE+3.30	B457	190	Pprop	1.0394	0	-5.2997	0	0.0803	0	-4.3924
NE+3.30	B457	190	Pprop	1.2473	0	-4.707	0	0.0803	0	-3.3523
NE+3.30	B457	190	Pprop	1.4552	0	-4.1143	0	0.0803	0	-2.4354
NE+3.30	B457	190	Pprop	1.663	0	-3.5216	0	0.0803	0	-1.6418
NE+3.30	B457	190	Pprop	1.8709	0	-2.9289	0	0.0803	0	-0.9713
NE+3.30	B457	190	Pprop	2.0788	0	-2.3362	0	0.0803	0	-0.424
NE+3.30	B457	190	Pprop	2.2867	0	-1.7435	0	0.0803	0	0
NE+3.30	B457	190	Viva	0	0	-7.7712	0	-0.3587	0	-11.7932
NE+3.30	B457	190	Viva	0.2079	0	-7.6848	0	-0.3587	0	-10.1837
NE+3.30	B457	190	Viva	0.4158	0	-7.4255	0	-0.3587	0	-8.6101
NE+3.30	B457	190	Viva	0.6236	0	-6.9934	0	-0.3587	0	-7.1085
NE+3.30	B457	190	Viva	0.8315	0	-6.3884	0	-0.3587	0	-5.7146
NE+3.30	B457	190	Viva	1.0394	0	-5.6106	0	-0.3587	0	-4.4644
NE+3.30	B457	190	Viva	1.2473	0	-4.7042	0	-0.3587	0	-3.3923
NE+3.30	B457	190	Viva	1.4552	0	-3.9263	0	-0.3587	0	-2.4982

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B457	190	Viva	1.663	0	-3.3213	0	-0.3587	0	-1.7479
NE+3.30	B457	190	Viva	1.8709	0	-2.8892	0	-0.3587	0	-1.1054
NE+3.30	B457	190	Viva	2.0788	0	-2.6299	0	-0.3587	0	-0.5347
NE+3.30	B457	190	Viva	2.2867	0	-2.5435	0	-0.3587	0	0
NE+3.30	B457	190	Psup	0	0	-24.0282	0	-1.6476	0	-34.9333
NE+3.30	B457	190	Psup	0.2079	0	-23.7388	0	-1.6476	0	-29.9584
NE+3.30	B457	190	Psup	0.4158	0	-22.8708	0	-1.6476	0	-25.1038
NE+3.30	B457	190	Psup	0.6236	0	-21.424	0	-1.6476	0	-20.4898
NE+3.30	B457	190	Psup	0.8315	0	-19.3985	0	-1.6476	0	-16.2367
NE+3.30	B457	190	Psup	1.0394	0	-16.7942	0	-1.6476	0	-12.4648
NE+3.30	B457	190	Psup	1.2473	0	-13.7596	0	-1.6476	0	-9.2891
NE+3.30	B457	190	Psup	1.4552	0	-11.1554	0	-1.6476	0	-6.7094
NE+3.30	B457	190	Psup	1.663	0	-9.1299	0	-1.6476	0	-4.611
NE+3.30	B457	190	Psup	1.8709	0	-7.6831	0	-1.6476	0	-2.8735
NE+3.30	B457	190	Psup	2.0788	0	-6.815	0	-1.6476	0	-1.3766
NE+3.30	B457	190	Psup	2.2867	0	-6.5257	0	-1.6476	0	0
NE+3.30	B457	190	Viva.cub	0	0	-0.0436	0	0.0019	0	-0.0996
NE+3.30	B457	190	Viva.cub	0.2079	0	-0.0436	0	0.0019	0	-0.0905
NE+3.30	B457	190	Viva.cub	0.4158	0	-0.0436	0	0.0019	0	-0.0815
NE+3.30	B457	190	Viva.cub	0.6236	0	-0.0436	0	0.0019	0	-0.0724
NE+3.30	B457	190	Viva.cub	0.8315	0	-0.0436	0	0.0019	0	-0.0634
NE+3.30	B457	190	Viva.cub	1.0394	0	-0.0436	0	0.0019	0	-0.0543
NE+3.30	B457	190	Viva.cub	1.2473	0	-0.0436	0	0.0019	0	-0.0453
NE+3.30	B457	190	Viva.cub	1.4552	0	-0.0436	0	0.0019	0	-0.0362
NE+3.30	B457	190	Viva.cub	1.663	0	-0.0436	0	0.0019	0	-0.0272
NE+3.30	B457	190	Viva.cub	1.8709	0	-0.0436	0	0.0019	0	-0.0181
NE+3.30	B457	190	Viva.cub	2.0788	0	-0.0436	0	0.0019	0	-0.0091
NE+3.30	B457	190	Viva.cub	2.2867	0	-0.0436	0	0.0019	0	0
NE+3.30	B457	190	DISX-COMB Max	0	0	12.2359	0	2.8255	0	27.9794
NE+3.30	B457	190	DISX-COMB Max	0.2079	0	12.2359	0	2.8255	0	25.4358
NE+3.30	B457	190	DISX-COMB Max	0.4158	0	12.2359	0	2.8255	0	22.8922
NE+3.30	B457	190	DISX-COMB Max	0.6236	0	12.2359	0	2.8255	0	20.3487
NE+3.30	B457	190	DISX-COMB Max	0.8315	0	12.2359	0	2.8255	0	17.8051
NE+3.30	B457	190	DISX-COMB Max	1.0394	0	12.2359	0	2.8255	0	15.2615
NE+3.30	B457	190	DISX-COMB Max	1.2473	0	12.2359	0	2.8255	0	12.7179
NE+3.30	B457	190	DISX-COMB Max	1.4552	0	12.2359	0	2.8255	0	10.1743
NE+3.30	B457	190	DISX-COMB Max	1.663	0	12.2359	0	2.8255	0	7.6307
NE+3.30	B457	190	DISX-COMB Max	1.8709	0	12.2359	0	2.8255	0	5.0872
NE+3.30	B457	190	DISX-COMB Max	2.0788	0	12.2359	0	2.8255	0	2.5436
NE+3.30	B457	190	DISX-COMB Max	2.2867	0	12.2359	0	2.8255	0	0
NE+3.30	B457	190	DISY-COMB Max	0	0	18.5788	0	1.3612	0	42.4835
NE+3.30	B457	190	DISY-COMB Max	0.2079	0	18.5788	0	1.3612	0	38.6214
NE+3.30	B457	190	DISY-COMB Max	0.4158	0	18.5788	0	1.3612	0	34.7593
NE+3.30	B457	190	DISY-COMB Max	0.6236	0	18.5788	0	1.3612	0	30.8971
NE+3.30	B457	190	DISY-COMB Max	0.8315	0	18.5788	0	1.3612	0	27.035

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B457	190	DISY-COMB Max	1.0394	0	18.5788	0	1.3612	0	23.1728
NE+3.30	B457	190	DISY-COMB Max	1.2473	0	18.5788	0	1.3612	0	19.3107
NE+3.30	B457	190	DISY-COMB Max	1.4552	0	18.5788	0	1.3612	0	15.4486
NE+3.30	B457	190	DISY-COMB Max	1.663	0	18.5788	0	1.3612	0	11.5864
NE+3.30	B457	190	DISY-COMB Max	1.8709	0	18.5788	0	1.3612	0	7.7243
NE+3.30	B457	190	DISY-COMB Max	2.0788	0	18.5788	0	1.3612	0	3.8621
NE+3.30	B457	190	DISY-COMB Max	2.2867	0	18.5788	0	1.3612	0	0
NE+3.30	B457	190	B241	0	0	-41.8593	0	-2.0316	0	-60.1149
NE+3.30	B457	190	B241	0.2079	0	-40.7159	0	-2.0316	0	-51.519
NE+3.30	B457	190	B241	0.4158	0	-38.8223	0	-2.0316	0	-43.2389
NE+3.30	B457	190	B241	0.6236	0	-36.1785	0	-2.0316	0	-35.4304
NE+3.30	B457	190	B241	0.8315	0	-32.7845	0	-2.0316	0	-28.2494
NE+3.30	B457	190	B241	1.0394	0	-28.6403	0	-2.0316	0	-21.852
NE+3.30	B457	190	B241	1.2473	0	-23.9383	0	-2.0316	0	-16.387
NE+3.30	B457	190	B241	1.4552	0	-19.7941	0	-2.0316	0	-11.8544
NE+3.30	B457	190	B241	1.663	0	-16.4001	0	-2.0316	0	-8.1054
NE+3.30	B457	190	B241	1.8709	0	-13.7563	0	-2.0316	0	-4.984
NE+3.30	B457	190	B241	2.0788	0	-11.8627	0	-2.0316	0	-2.3342
NE+3.30	B457	190	B241	2.2867	0	-10.7193	0	-2.0316	0	0
NE+3.30	B457	190	B242	0	0	-48.3352	0	-2.3143	0	-70.4459
NE+3.30	B457	190	B242	0.2079	0	-47.2168	0	-2.3143	0	-60.4984
NE+3.30	B457	190	B242	0.4158	0	-45.1789	0	-2.3143	0	-50.8789
NE+3.30	B457	190	B242	0.6236	0	-42.2213	0	-2.3143	0	-41.7786
NE+3.30	B457	190	B242	0.8315	0	-38.3442	0	-2.3143	0	-33.3888
NE+3.30	B457	190	B242	1.0394	0	-33.5475	0	-2.3143	0	-25.9004
NE+3.30	B457	190	B242	1.2473	0	-28.067	0	-2.3143	0	-19.4963
NE+3.30	B457	190	B242	1.4552	0	-23.2703	0	-2.3143	0	-14.1762
NE+3.30	B457	190	B242	1.663	0	-19.3932	0	-2.3143	0	-9.7578
NE+3.30	B457	190	B242	1.8709	0	-16.4356	0	-2.3143	0	-6.0497
NE+3.30	B457	190	B242	2.0788	0	-14.3977	0	-2.3143	0	-2.8608
NE+3.30	B457	190	B242	2.2867	0	-13.2793	0	-2.3143	0	0
NE+3.30	B12	50	Pprop	0	0	-2.5875	0	-0.6033	0	0
NE+3.30	B12	50	Pprop	0.22	0	-2.117	0	-0.6033	0	0.5175
NE+3.30	B12	50	Pprop	0.44	0	-1.6466	0	-0.6033	0	0.9315
NE+3.30	B12	50	Pprop	0.66	0	-1.1761	0	-0.6033	0	1.242
NE+3.30	B12	50	Pprop	0.88	0	-0.7057	0	-0.6033	0	1.449
NE+3.30	B12	50	Pprop	1.1	0	-0.2352	0	-0.6033	0	1.5525
NE+3.30	B12	50	Pprop	1.32	0	0.2352	0	-0.6033	0	1.5525
NE+3.30	B12	50	Pprop	1.54	0	0.7057	0	-0.6033	0	1.449
NE+3.30	B12	50	Pprop	1.76	0	1.1761	0	-0.6033	0	1.242
NE+3.30	B12	50	Pprop	1.98	0	1.6466	0	-0.6033	0	0.9315
NE+3.30	B12	50	Pprop	2.2	0	2.117	0	-0.6033	0	0.5175
NE+3.30	B12	50	Pprop	2.42	0	2.5875	0	-0.6033	0	0
NE+3.30	B12	50	Viva	0	0	-3.9507	0	-1.1026	0	0
NE+3.30	B12	50	Viva	0.22	0	-3.7813	0	-1.1026	0	0.8567

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B12	50	Viva	0.44	0	-3.2812	0	-1.1026	0	1.6392
NE+3.30	B12	50	Viva	0.66	0	-2.5222	0	-1.1026	0	2.282
NE+3.30	B12	50	Viva	0.88	0	-1.54	0	-1.1026	0	2.7318
NE+3.30	B12	50	Viva	1.1	0	-0.5133	0	-1.1026	0	2.9576
NE+3.30	B12	50	Viva	1.32	0	0.5133	0	-1.1026	0	2.9576
NE+3.30	B12	50	Viva	1.54	0	1.54	0	-1.1026	0	2.7318
NE+3.30	B12	50	Viva	1.76	0	2.5222	0	-1.1026	0	2.282
NE+3.30	B12	50	Viva	1.98	0	3.2812	0	-1.1026	0	1.6392
NE+3.30	B12	50	Viva	2.2	0	3.7813	0	-1.1026	0	0.8567
NE+3.30	B12	50	Viva	2.42	0	3.9507	0	-1.1026	0	0
NE+3.30	B12	50	Psup	0	0	-6.7462	0	-3.1626	0	0
NE+3.30	B12	50	Psup	0.22	0	-6.4221	0	-3.1626	0	1.4604
NE+3.30	B12	50	Psup	0.44	0	-5.477	0	-3.1626	0	2.779
NE+3.30	B12	50	Psup	0.66	0	-4.1512	0	-3.1626	0	3.8441
NE+3.30	B12	50	Psup	0.88	0	-2.5264	0	-3.1626	0	4.5825
NE+3.30	B12	50	Psup	1.1	0	-0.8421	0	-3.1626	0	4.953
NE+3.30	B12	50	Psup	1.32	0	0.8421	0	-3.1626	0	4.953
NE+3.30	B12	50	Psup	1.54	0	2.5264	0	-3.1626	0	4.5825
NE+3.30	B12	50	Psup	1.76	0	4.1512	0	-3.1626	0	3.8441
NE+3.30	B12	50	Psup	1.98	0	5.477	0	-3.1626	0	2.779
NE+3.30	B12	50	Psup	2.2	0	6.4221	0	-3.1626	0	1.4604
NE+3.30	B12	50	Psup	2.42	0	6.7462	0	-3.1626	0	0
NE+3.30	B12	50	Viva.cub	0	0	0	0	0.0068	0	0
NE+3.30	B12	50	Viva.cub	0.22	0	0	0	0.0068	0	0
NE+3.30	B12	50	Viva.cub	0.44	0	0	0	0.0068	0	0
NE+3.30	B12	50	Viva.cub	0.66	0	0	0	0.0068	0	0
NE+3.30	B12	50	Viva.cub	0.88	0	0	0	0.0068	0	0
NE+3.30	B12	50	Viva.cub	1.1	0	0	0	0.0068	0	0
NE+3.30	B12	50	Viva.cub	1.32	0	0	0	0.0068	0	0
NE+3.30	B12	50	Viva.cub	1.54	0	0	0	0.0068	0	0
NE+3.30	B12	50	Viva.cub	1.76	0	0	0	0.0068	0	0
NE+3.30	B12	50	Viva.cub	1.98	0	0	0	0.0068	0	0
NE+3.30	B12	50	Viva.cub	2.2	0	0	0	0.0068	0	0
NE+3.30	B12	50	Viva.cub	2.42	0	0	0	0.0068	0	0
NE+3.30	B12	50	DISX-COMB Max	0	0	0	0	0.8899	0	0
NE+3.30	B12	50	DISX-COMB Max	0.22	0	0	0	0.8899	0	0
NE+3.30	B12	50	DISX-COMB Max	0.44	0	0	0	0.8899	0	0
NE+3.30	B12	50	DISX-COMB Max	0.66	0	0	0	0.8899	0	0
NE+3.30	B12	50	DISX-COMB Max	0.88	0	0	0	0.8899	0	0
NE+3.30	B12	50	DISX-COMB Max	1.1	0	0	0	0.8899	0	0
NE+3.30	B12	50	DISX-COMB Max	1.32	0	0	0	0.8899	0	0
NE+3.30	B12	50	DISX-COMB Max	1.54	0	0	0	0.8899	0	0
NE+3.30	B12	50	DISX-COMB Max	1.76	0	0	0	0.8899	0	0
NE+3.30	B12	50	DISX-COMB Max	1.98	0	0	0	0.8899	0	0
NE+3.30	B12	50	DISX-COMB Max	2.2	0	0	0	0.8899	0	0

Table 5.3 - Beam Forces (continued)

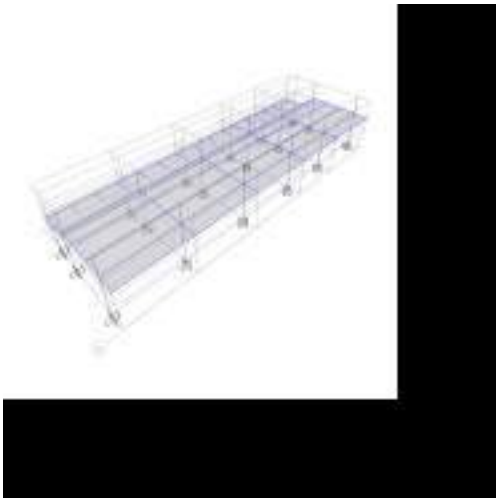
Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B12	50	DISX-COMB Max	2.42	0	0	0	0.8899	0	0
NE+3.30	B12	50	DISY-COMB Max	0	0	0	0	0.8043	0	0
NE+3.30	B12	50	DISY-COMB Max	0.22	0	0	0	0.8043	0	0
NE+3.30	B12	50	DISY-COMB Max	0.44	0	0	0	0.8043	0	0
NE+3.30	B12	50	DISY-COMB Max	0.66	0	0	0	0.8043	0	0
NE+3.30	B12	50	DISY-COMB Max	0.88	0	0	0	0.8043	0	0
NE+3.30	B12	50	DISY-COMB Max	1.1	0	0	0	0.8043	0	0
NE+3.30	B12	50	DISY-COMB Max	1.32	0	0	0	0.8043	0	0
NE+3.30	B12	50	DISY-COMB Max	1.54	0	0	0	0.8043	0	0
NE+3.30	B12	50	DISY-COMB Max	1.76	0	0	0	0.8043	0	0
NE+3.30	B12	50	DISY-COMB Max	1.98	0	0	0	0.8043	0	0
NE+3.30	B12	50	DISY-COMB Max	2.2	0	0	0	0.8043	0	0
NE+3.30	B12	50	DISY-COMB Max	2.42	0	0	0	0.8043	0	0
NE+3.30	B12	50	B241	0	0	-12.0992	0	-4.8818	0	0
NE+3.30	B12	50	B241	0.22	0	-11.0693	0	-4.8818	0	2.5639
NE+3.30	B12	50	B241	0.44	0	-9.2342	0	-4.8818	0	4.8099
NE+3.30	B12	50	B241	0.66	0	-6.9057	0	-4.8818	0	6.593
NE+3.30	B12	50	B241	0.88	0	-4.1897	0	-4.8818	0	7.8186
NE+3.30	B12	50	B241	1.1	0	-1.3966	0	-4.8818	0	8.4331
NE+3.30	B12	50	B241	1.32	0	1.3966	0	-4.8818	0	8.4331
NE+3.30	B12	50	B241	1.54	0	4.1897	0	-4.8818	0	7.8186
NE+3.30	B12	50	B241	1.76	0	6.9057	0	-4.8818	0	6.593
NE+3.30	B12	50	B241	1.98	0	9.2342	0	-4.8818	0	4.8099
NE+3.30	B12	50	B241	2.2	0	11.0692	0	-4.8818	0	2.5639
NE+3.30	B12	50	B241	2.42	0	12.0992	0	-4.8818	0	0
NE+3.30	B12	50	B242	0	0	-16.6919	0	-5.9451	0	0
NE+3.30	B12	50	B242	0.22	0	-15.5381	0	-5.9451	0	3.5684
NE+3.30	B12	50	B242	0.44	0	-13.165	0	-5.9451	0	6.7455
NE+3.30	B12	50	B242	0.66	0	-9.9548	0	-5.9451	0	9.3024
NE+3.30	B12	50	B242	0.88	0	-6.0552	0	-5.9451	0	11.0725
NE+3.30	B12	50	B242	1.1	0	-2.0184	0	-5.9451	0	11.9606
NE+3.30	B12	50	B242	1.32	0	2.0184	0	-5.9451	0	11.9606
NE+3.30	B12	50	B242	1.54	0	6.0552	0	-5.9451	0	11.0725
NE+3.30	B12	50	B242	1.76	0	9.9548	0	-5.9451	0	9.3024
NE+3.30	B12	50	B242	1.98	0	13.165	0	-5.9451	0	6.7455
NE+3.30	B12	50	B242	2.2	0	15.5381	0	-5.9451	0	3.5684
NE+3.30	B12	50	B242	2.42	0	16.6919	0	-5.9451	0	0

5.3 Modal Results

Table 5.4 - Modal Periods and Frequencies

Case	Mode	Period sec	Frequency cyc/sec	Circular Frequency rad/sec	Eigenvalue rad²/sec²
Modal	1	0.226	4.422	27.7834	771.9155
Modal	2	0.195	5.13	32.2345	1039.0617
Modal	3	0.187	5.336	33.5264	1124.022
Modal	4	0.183	5.457	34.2853	1175.4835
Modal	5	0.181	5.539	34.8008	1211.0982
Modal	6	0.179	5.581	35.0642	1229.5013
Modal	7	0.173	5.772	36.2653	1315.172
Modal	8	0.172	5.821	36.5718	1337.4967
Modal	9	0.158	6.334	39.7963	1583.7467
Modal	10	0.14	7.126	44.775	2004.8008

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Model File: PRO-049-MOD-COMUNAL Y PR-VA, Revision 0
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1 Structure Data

This chapter provides model geometry information, including items such as story levels, point coordinates, and element connectivity.

1.1 Story Data

Table 1.1 - Story Data

Name	Height mm	Elevation mm	Master Story	Similar To	Splice Story
NE+7.50	2500	7500	No	None	No
NE+5.00	650	5000	No	None	No
NE+4.35	1050	4350	No	None	No
NE+3.30	3300	3300	No	None	No
NE+0.00	0	0	No	None	No

1.2 Grid Data

Table 1.2 - Grid Systems

Name	Type	Story Range	X Origin m	Y Origin m	Rotation deg	Bubble Size mm	Color
G1	Cartesian	Default	0	0	0	1250	ffa0a0a0

Table 1.3 - Grid Lines

Grid System	Grid Direction	Grid ID	Visible	Bubble Location	Ordinate m
G1	X	8	Yes	End	39.48
G1	X	9	Yes	End	47.59
G1	X	10	Yes	End	55.85
G1	X	11	Yes	End	63.85
G1	X	12	Yes	End	70.64
G1	X	13	Yes	End	78.53
G1	Y	D'	Yes	Start	-1.875
G1	Y	D	Yes	End	0
G1	Y	C	Yes	End	6.86
G1	Y	B	Yes	End	10.16
G1	Y	A	Yes	End	11.83

1.3 Point Coordinates

Table 1.4 - Joint Coordinates Data

Label	X mm	Y mm	ΔZ Below mm
9	39480	10160	0
10	47590	10160	0
11	55850	10160	0
20	39480	6860	0
21	47590	6860	0
22	55850	6860	0

Table 1.4 - Joint Coordinates Data (continued)

Label	X mm	Y mm	ΔZ Below mm
34	39480	0	0
35	47590	0	0
36	55850	0	0
44	63850	0	0
45	63850	6860	0
46	63850	10160	0
47	70640	10160	0
48	70640	6860	0
49	70640	0	0
52	78530	0	0
57	78530	6860	0
58	78530	10160	0
26	39480	11830	0
27	47590	11830	0
28	55850	11830	0
29	63850	11830	0
50	70640	11830	0
51	78530	11830	0
79	42180	11830	0
80	44890	11830	0
81	44890	10160	0
82	42180	10160	0
83	42180	6860	0
84	44890	6860	0
85	53100	6860	0
87	50340	6860	0
88	50340	10160	0
89	50340	11830	0
90	53100	11830	0
91	53100	10160	0
93	61185	11830	0
94	61185	10160	0
95	61185	6860	0
96	58515	11830	0
97	58515	10160	0
98	58515	6860	0
99	66110	11830	0
100	66110	10160	0
101	66110	6860	0
102	68380	11830	0
103	68380	10160	0
104	68380	6860	0
105	74590	6860	0
106	74590	10160	0

Table 1.4 - Joint Coordinates Data (continued)

Label	X mm	Y mm	ΔZ Below mm
107	74590	11830	0
108	72610	11830	0
109	72610	10160	0
110	72610	6860	0
123	47590	2286.7	0
124	39480	2286.7	0
125	47590	4573.3	0
126	39480	4573.3	0
127	55850	2286.7	0
128	55850	4573.3	0
129	63850	2286.7	0
130	63850	4573.3	0
131	70640	2286.7	0
132	70640	4573.3	0
133	78530	2286.7	0
134	78530	4573.3	0
248	39480	-1875	0
249	47590	-1875	0
250	55850	-1875	0
251	63850	-1875	0
252	70640	-1875	0
253	78530	-1875	0
375	74850	0	0
388	74855	2286.7	0
391	74855	4573.3	0
392	74850	6860	0

1.4 Line Connectivity

Table 1.5 - Column Connectivity Data

Column	I-End Point	J-End Point	I-End Story
C9	9	9	Below
C10	10	10	Below
C11	11	11	Below
C20	20	20	Below
C21	21	21	Below
C22	22	22	Below
C35	34	34	Below
C36	35	35	Below
C37	36	36	Below
C26	44	44	Below
C27	45	45	Below
C28	46	46	Below
C29	47	47	Below

Table 1.5 - Column Connectivity Data (continued)

Column	I-End Point	J-End Point	I-End Story
C30	48	48	Below
C31	49	49	Below
C38	52	52	Below
C39	57	57	Below
C40	58	58	Below
C306	34	34	Same
C307	20	20	Same
C308	35	35	Same
C309	21	21	Same
C310	36	36	Same
C311	22	22	Same
C312	44	44	Same
C313	45	45	Same
C314	49	49	Same
C315	48	48	Same
C316	52	52	Same
C1	57	57	Same

Table 1.6 - Beam Connectivity Data

Beam	I-End Point	J-End Point	Curve Type
B40	34	20	None
B41	35	21	None
B42	36	22	None
B43	44	45	None
B44	49	48	None
B45	52	57	None
B46	20	21	None
B47	21	22	None
B48	22	45	None
B49	45	48	None
B50	48	57	None
B51	49	52	None
B52	44	49	None
B53	36	44	None
B54	35	36	None
B55	34	35	None
B56	9	10	None
B57	10	11	None
B58	11	46	None
B59	46	47	None
B60	47	58	None
B61	9	26	None
B62	10	27	None
B63	11	28	None

Table 1.6 - Beam Connectivity Data (continued)

Beam	I-End Point	J-End Point	Curve Type
B64	46	29	None
B65	47	50	None
B66	58	51	None
B68	9	20	None
B69	10	21	None
B70	11	22	None
B71	46	45	None
B72	47	48	None
B87	82	79	None
B88	82	83	None
B89	81	80	None
B90	81	84	None
B91	88	89	None
B92	88	87	None
B93	91	90	None
B94	91	85	None
B95	97	96	None
B96	97	98	None
B97	94	93	None
B98	94	95	None
B99	100	99	None
B100	100	101	None
B101	103	102	None
B102	103	104	None
B103	109	108	None
B104	109	110	None
B105	106	107	None
B106	106	105	None
B119	124	123	None
B120	126	125	None
B121	123	127	None
B122	125	128	None
B123	127	129	None
B124	128	130	None
B125	129	131	None
B126	130	132	None
B127	131	133	None
B128	132	134	None
B268	248	34	None
B269	249	35	None
B270	250	36	None
B271	251	44	None
B272	252	49	None
B273	253	52	None
B274	248	249	None

Table 1.6 - Beam Connectivity Data (continued)

Beam	I-End Point	J-End Point	Curve Type
B275	249	250	None
B276	250	251	None
B277	251	252	None
B278	252	253	None
B798	26	27	None
B799	27	28	None
B800	28	29	None
B801	29	50	None
B802	50	51	None
B1	58	57	None

1.5 Area Connectivity

Table 1.7 - Floor Connectivity Data

Floor	Number of Edges	Edge Number	Point 1	Point 2	Curve Type
F59	4	1	9	10	None
		2	10	27	None
		3	27	26	None
		4	26	9	None
F60	4	1	10	11	None
		2	11	28	None
		3	28	27	None
		4	27	10	None
F61	4	1	11	46	None
		2	46	29	None
		3	29	28	None
		4	28	11	None
F62	4	1	46	47	None
		2	47	50	None
		3	50	29	None
		4	29	46	None
F63	4	1	47	58	None
		2	58	51	None
		3	51	50	None
		4	50	47	None
F3	4	1	248	249	None
		2	249	35	None
		3	35	34	None
		4	34	248	None
F4	4	1	249	250	None
		2	250	36	None
		3	36	35	None
		4	35	249	None
F5	4	1	250	251	None

Table 1.7 - Floor Connectivity Data (continued)

Floor	Number of Edges	Edge Number	Point 1	Point 2	Curve Type
		2	251	44	None
		3	44	36	None
		4	36	250	None
F6	4	1	251	252	None
		2	252	49	None
		3	49	44	None
		4	44	251	None
F7	4	1	252	253	None
		2	253	52	None
		3	52	49	None
		4	49	252	None
F8	4	1	34	35	None
		2	35	123	None
		3	123	124	None
		4	124	34	None
F9	4	1	124	123	None
		2	123	125	None
		3	125	126	None
		4	126	124	None
F14	4	1	126	125	None
		2	125	21	None
		3	21	20	None
		4	20	126	None
F17	4	1	35	36	None
		2	36	127	None
		3	127	123	None
		4	123	35	None
F18	4	1	123	127	None
		2	127	128	None
		3	128	125	None
		4	125	123	None
F19	4	1	125	128	None
		2	128	22	None
		3	22	21	None
		4	21	125	None
F20	4	1	36	44	None
		2	44	129	None
		3	129	127	None
		4	127	36	None
F22	4	1	127	129	None
		2	129	130	None
		3	130	128	None
		4	128	127	None
F23	4	1	128	130	None

Table 1.7 - Floor Connectivity Data (continued)

Floor	Number of Edges	Edge Number	Point 1	Point 2	Curve Type
		2	130	45	None
		3	45	22	None
		4	22	128	None
F29	4	1	44	49	None
		2	49	131	None
		3	131	129	None
		4	129	44	None
F46	4	1	129	131	None
		2	131	132	None
		3	132	130	None
		4	130	129	None
F50	4	1	130	132	None
		2	132	48	None
		3	48	45	None
		4	45	130	None
F79	4	1	82	9	None
		2	9	20	None
		3	20	83	None
		4	83	82	None
F80	4	1	81	82	None
		2	82	83	None
		3	83	84	None
		4	84	81	None
F81	4	1	10	81	None
		2	81	84	None
		3	84	21	None
		4	21	10	None
F82	4	1	88	10	None
		2	10	21	None
		3	21	87	None
		4	87	88	None
F83	4	1	91	88	None
		2	88	87	None
		3	87	85	None
		4	85	91	None
F84	4	1	11	91	None
		2	91	85	None
		3	85	22	None
		4	22	11	None
F85	4	1	97	11	None
		2	11	22	None
		3	22	98	None
		4	98	97	None
F86	4	1	94	97	None

Table 1.7 - Floor Connectivity Data (continued)

Floor	Number of Edges	Edge Number	Point 1	Point 2	Curve Type
		2	97	98	None
		3	98	95	None
		4	95	94	None
F87	4	1	46	94	None
		2	94	95	None
		3	95	45	None
		4	45	46	None
F88	4	1	100	46	None
		2	46	45	None
		3	45	101	None
		4	101	100	None
F89	4	1	103	100	None
		2	100	101	None
		3	101	104	None
		4	104	103	None
F90	4	1	47	103	None
		2	103	104	None
		3	104	48	None
		4	48	47	None
F91	4	1	109	47	None
		2	47	48	None
		3	48	110	None
		4	110	109	None
F92	4	1	106	109	None
		2	109	110	None
		3	110	105	None
		4	105	106	None
F93	4	1	49	375	None
		2	375	388	None
		3	388	131	None
		4	131	49	None
F94	4	1	131	388	None
		2	388	391	None
		3	391	132	None
		4	132	131	None
F96	4	1	375	52	None
		2	52	133	None
		3	133	388	None
		4	388	375	None
F97	4	1	388	133	None
		2	133	134	None
		3	134	391	None
		4	391	388	None
F98	4	1	391	134	None

Table 1.7 - Floor Connectivity Data (continued)

Floor	Number of Edges	Edge Number	Point 1	Point 2	Curve Type
		2	134	57	None
		3	57	392	None
		4	392	391	None
F119	4	1	132	391	None
		2	391	392	None
		3	392	48	None
		4	48	132	None
F1	4	1	105	57	None
		2	57	58	None
		3	58	106	None
		4	106	105	None

2 Properties

This chapter provides property information for materials, frame sections, shell sections, and links.

2.1 Materials

Table 2.1 - Material Properties - Summary

Name	Type	E MPa	v	Unit Weight kN/m³	Design Strengths
28 MPa	Concrete	24870.06	0.2	24	Fc=28 MPa
A615Gr60	Rebar	199948	0	76.9729	Fy=413.69 MPa, Fu=620.53 MPa
W=0	Concrete	21589.33	0.2	0	Fc=21.1 MPa

2.2 Frame Sections

Table 2.2 - Frame Sections - Summary

Name	Material	Shape
C45x65	28 MPa	Concrete Rectangular
C60	28 MPa	Concrete Circle
V 20x45	28 MPa	Concrete Rectangular
V 20x55	28 MPa	Concrete Rectangular
V 30x45	28 MPa	Concrete Rectangular
V25x55	28 MPa	Concrete Rectangular
V30x55	28 MPa	Concrete Rectangular

2.3 Shell Sections

Table 2.3 - Shell Sections - Summary

Name	Design Type	Element Type	Material	Total Thickness mm
ESC 10CM	Slab	Membrane	W=0	100
GRAD P=0	Slab	Membrane	W=0	100
PL10 CM (P0)	Slab	Membrane	W=0	100

3 Assignments

This chapter provides a listing of the assignments applied to the model.

3.1 Joint Assignments

Table 3.1 - Joint Assignments - Summary

Story	Label	Unique Name	Diaphragm	Restraints
NE+7.50	20	55	From Area	
NE+7.50	21	57	From Area	
NE+7.50	22	59	From Area	
NE+7.50	34	81	From Area	
NE+7.50	35	82	From Area	
NE+7.50	36	83	From Area	
NE+7.50	44	293	From Area	
NE+7.50	45	299	From Area	
NE+7.50	48	317	From Area	
NE+7.50	49	323	From Area	
NE+7.50	52	329	From Area	
NE+7.50	57	335	From Area	
NE+5.00	20	37	D2	
NE+5.00	21	39	D2	
NE+5.00	22	41	D2	
NE+5.00	34	270	D2	
NE+5.00	35	274	D2	
NE+5.00	36	290	D2	
NE+5.00	44	295	D2	
NE+5.00	45	301	D2	
NE+5.00	48	319	D2	
NE+5.00	49	325	D2	
NE+5.00	52	331	D2	
NE+5.00	57	337	D2	
NE+5.00	123	135	D2	
NE+5.00	124	136	D2	
NE+5.00	125	137	D2	
NE+5.00	126	138	D2	
NE+5.00	127	139	D2	
NE+5.00	128	140	D2	
NE+5.00	129	141	D2	
NE+5.00	130	142	D2	
NE+5.00	131	143	D2	
NE+5.00	132	144	D2	
NE+5.00	133	145	D2	
NE+5.00	134	146	D2	
NE+5.00	248	383	D2	
NE+5.00	249	384	D2	
NE+5.00	250	385	D2	
NE+5.00	251	386	D2	
NE+5.00	252	387	D2	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	Unique Name	Diaphragm	Restraints
NE+5.00	253	388	D2	
NE+5.00	375	178	D2	
NE+5.00	388	188	D2	
NE+5.00	391	311	D2	
NE+5.00	392	321	D2	
NE+4.35	20	267	From Area	
NE+4.35	21	278	From Area	
NE+4.35	22	287	From Area	
NE+4.35	45	302	From Area	
NE+4.35	48	320	From Area	
NE+4.35	57	338	From Area	
NE+4.35	83	95	From Area	
NE+4.35	84	96	From Area	
NE+4.35	85	97	From Area	
NE+4.35	87	99	From Area	
NE+4.35	95	107	From Area	
NE+4.35	98	110	From Area	
NE+4.35	101	113	From Area	
NE+4.35	104	116	From Area	
NE+4.35	105	117	From Area	
NE+4.35	110	122	From Area	
NE+3.30	9	265	D1	
NE+3.30	10	282	D1	
NE+3.30	11	285	D1	
NE+3.30	46	309	D1	
NE+3.30	47	315	D1	
NE+3.30	58	345	D1	
NE+3.30	26	32	D1	
NE+3.30	27	34	D1	
NE+3.30	28	36	D1	
NE+3.30	29	38	D1	
NE+3.30	50	40	D1	
NE+3.30	51	60	D1	
NE+3.30	79	91	D1	
NE+3.30	80	92	D1	
NE+3.30	81	93	D1	
NE+3.30	82	94	D1	
NE+3.30	88	100	D1	
NE+3.30	89	101	D1	
NE+3.30	90	102	D1	
NE+3.30	91	103	D1	
NE+3.30	93	105	D1	
NE+3.30	94	106	D1	
NE+3.30	96	108	D1	
NE+3.30	97	109	D1	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	Unique Name	Diaphragm	Restraints
NE+3.30	99	111	D1	
NE+3.30	100	112	D1	
NE+3.30	102	114	D1	
NE+3.30	103	115	D1	
NE+3.30	106	118	D1	
NE+3.30	107	119	D1	
NE+3.30	108	120	D1	
NE+3.30	109	121	D1	
NE+0.00	9	24	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	10	26	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	11	28	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	20	856	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	21	858	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	22	860	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	34	855	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	35	857	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	36	859	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	44	861	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	45	862	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	46	310	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	47	316	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	48	864	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	49	863	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	52	865	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	57	3	From Area	UX; UY; UZ; RX; RY; RZ
NE+0.00	58	346	From Area	UX; UY; UZ; RX; RY; RZ

3.2 Frame Assignments

Table 3.2 - Frame Assignments - Summary

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Min Number Stations	Releases
NE+7.50	C20	289	Column	2500	C45x65	C45x65	12	No
NE+7.50	C21	304	Column	2500	C60	C60	12	No
NE+7.50	C22	319	Column	2500	C45x65	C45x65	12	No
NE+7.50	C35	294	Column	2500	C45x65	C45x65	12	No
NE+7.50	C36	299	Column	2500	C45x65	C45x65	12	No
NE+7.50	C37	324	Column	2500	C45x65	C45x65	12	No
NE+7.50	C26	329	Column	2500	C45x65	C45x65	12	No
NE+7.50	C27	334	Column	2500	C45x65	C45x65	12	No
NE+7.50	C30	349	Column	2500	C45x65	C45x65	12	No
NE+7.50	C31	354	Column	2500	C45x65	C45x65	12	No
NE+7.50	C38	359	Column	2500	C45x65	C45x65	12	No
NE+7.50	C39	364	Column	2500	C45x65	C45x65	12	No
NE+5.00	C20	290	Column	650	C45x65	C45x65	12	No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Min Number Stations	Releases
NE+5.00	C21	305	Column	650	C60	C60	12	No
NE+5.00	C22	320	Column	650	C45x65	C45x65	12	No
NE+5.00	C27	335	Column	650	C45x65	C45x65	12	No
NE+5.00	C30	350	Column	650	C45x65	C45x65	12	No
NE+5.00	C39	2	Column	650	C45x65	C45x65	12	No
NE+5.00	C306	1328	Column	5000	C45x65	C45x65	12	No
NE+5.00	C308	1330	Column	5000	C45x65	C45x65	12	No
NE+5.00	C310	1332	Column	5000	C45x65	C45x65	12	No
NE+5.00	C312	1334	Column	5000	C45x65	C45x65	12	No
NE+5.00	C314	1336	Column	5000	C45x65	C45x65	12	No
NE+5.00	C316	1338	Column	5000	C45x65	C45x65	12	No
NE+4.35	C307	1329	Column	4350	C45x65	C45x65	12	No
NE+4.35	C309	1331	Column	4350	C60	C60	12	No
NE+4.35	C311	1333	Column	4350	C45x65	C45x65	12	No
NE+4.35	C313	1335	Column	4350	C45x65	C45x65	12	No
NE+4.35	C315	1337	Column	4350	C45x65	C45x65	12	No
NE+4.35	C1	1	Column	4350	C45x65	C45x65	12	No
NE+3.30	C9	287	Column	3300	C45x65	C45x65	12	No
NE+3.30	C10	312	Column	3300	C45x65	C45x65	12	No
NE+3.30	C11	317	Column	3300	C45x65	C45x65	12	No
NE+3.30	C28	342	Column	3300	C45x65	C45x65	12	No
NE+3.30	C29	347	Column	3300	C45x65	C45x65	12	No
NE+3.30	C40	372	Column	3300	C45x65	C45x65	12	No
NE+5.00	B40	45	Beam	6860	V30x55	V30x55	12	No
NE+5.00	B41	46	Beam	6860	V30x55	V30x55	12	No
NE+5.00	B42	47	Beam	6860	V30x55	V30x55	12	No
NE+5.00	B43	48	Beam	6860	V30x55	V30x55	12	No
NE+5.00	B44	49	Beam	6860	V30x55	V30x55	12	No
NE+5.00	B45	50	Beam	6860	V30x55	V30x55	12	No
NE+5.00	B46	51	Beam	8110	V30x55	V30x55	12	No
NE+5.00	B47	52	Beam	8260	V30x55	V30x55	12	No
NE+5.00	B48	53	Beam	8000	V30x55	V30x55	12	No
NE+5.00	B49	54	Beam	6790	V30x55	V30x55	12	No
NE+5.00	B50	55	Beam	7890	V30x55	V30x55	12	No
NE+5.00	B51	56	Beam	7890	V30x55	V30x55	12	No
NE+5.00	B52	57	Beam	6790	V30x55	V30x55	12	No
NE+5.00	B53	58	Beam	8000	V30x55	V30x55	12	No
NE+5.00	B54	59	Beam	8260	V30x55	V30x55	12	No
NE+5.00	B55	60	Beam	8110	V30x55	V30x55	12	No
NE+5.00	B119	129	Beam	8110	V 20x55	V 20x55	12	Yes
NE+5.00	B120	130	Beam	8110	V 20x55	V 20x55	12	Yes
NE+5.00	B121	131	Beam	8260	V 20x55	V 20x55	12	No
NE+5.00	B122	132	Beam	8260	V 20x55	V 20x55	12	No
NE+5.00	B123	133	Beam	8000	V 20x55	V 20x55	12	No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Min Number Stations	Releases
NE+5.00	B124	134	Beam	8000	V 20x55	V 20x55	12	No
NE+5.00	B125	135	Beam	6790	V 20x55	V 20x55	12	No
NE+5.00	B126	136	Beam	6790	V 20x55	V 20x55	12	No
NE+5.00	B127	137	Beam	7890	V25x55	V25x55	12	Yes
NE+5.00	B128	138	Beam	7890	V25x55	V25x55	12	Yes
NE+5.00	B268	518	Beam	1875	V30x55	V30x55	12	No
NE+5.00	B269	519	Beam	1875	V30x55	V30x55	12	No
NE+5.00	B270	520	Beam	1875	V30x55	V30x55	12	No
NE+5.00	B271	521	Beam	1875	V30x55	V30x55	12	No
NE+5.00	B272	522	Beam	1875	V30x55	V30x55	12	No
NE+5.00	B273	523	Beam	1875	V30x55	V30x55	12	No
NE+5.00	B274	524	Beam	8110	V 20x55	V 20x55	12	No
NE+5.00	B275	525	Beam	8260	V 20x55	V 20x55	12	No
NE+5.00	B276	526	Beam	8000	V 20x55	V 20x55	12	No
NE+5.00	B277	527	Beam	6790	V 20x55	V 20x55	12	No
NE+5.00	B278	528	Beam	7890	V 20x55	V 20x55	12	No
NE+4.35	B46	77	Beam	8110	V 30x45	V 30x45	12	No
NE+4.35	B47	78	Beam	8260	V 30x45	V 30x45	12	No
NE+4.35	B48	79	Beam	8000	V 30x45	V 30x45	12	No
NE+4.35	B49	80	Beam	6790	V 30x45	V 30x45	12	No
NE+4.35	B50	81	Beam	7890	V 30x45	V 30x45	12	No
NE+4.35	B68	83	Beam	3463	V 30x45	V 30x45	12	No
NE+4.35	B69	84	Beam	3463	V 30x45	V 30x45	12	No
NE+4.35	B70	85	Beam	3463	V 30x45	V 30x45	12	No
NE+4.35	B71	86	Beam	3463	V 30x45	V 30x45	12	No
NE+4.35	B72	87	Beam	3463	V 30x45	V 30x45	12	No
NE+4.35	B88	62	Beam	3463	V 20x45	V 20x45	12	No
NE+4.35	B90	64	Beam	3463	V 20x45	V 20x45	12	No
NE+4.35	B92	102	Beam	3463	V 20x45	V 20x45	12	No
NE+4.35	B94	104	Beam	3463	V 20x45	V 20x45	12	No
NE+4.35	B96	106	Beam	3463	V 20x45	V 20x45	12	No
NE+4.35	B98	108	Beam	3463	V 20x45	V 20x45	12	No
NE+4.35	B100	110	Beam	3463	V 20x45	V 20x45	12	No
NE+4.35	B102	112	Beam	3463	V 20x45	V 20x45	12	No
NE+4.35	B104	114	Beam	3463	V 20x45	V 20x45	12	No
NE+4.35	B106	116	Beam	3463	V 20x45	V 20x45	12	No
NE+4.35	B1	145	Beam	3463	V 30x45	V 30x45	12	No
NE+3.30	B56	66	Beam	8110	V 30x45	V 30x45	12	No
NE+3.30	B57	67	Beam	8260	V 30x45	V 30x45	12	No
NE+3.30	B58	68	Beam	8000	V 30x45	V 30x45	12	No
NE+3.30	B59	69	Beam	6790	V 30x45	V 30x45	12	No
NE+3.30	B60	70	Beam	7890	V 30x45	V 30x45	12	No
NE+3.30	B61	71	Beam	1670	V 30x45	V 30x45	12	No
NE+3.30	B62	72	Beam	1670	V 30x45	V 30x45	12	No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Min Number Stations	Releases
NE+3.30	B63	73	Beam	1670	V 30x45	V 30x45	12	No
NE+3.30	B64	74	Beam	1670	V 30x45	V 30x45	12	No
NE+3.30	B65	75	Beam	1670	V 30x45	V 30x45	12	No
NE+3.30	B66	76	Beam	1670	V 30x45	V 30x45	12	No
NE+3.30	B87	61	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B89	63	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B91	65	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B93	103	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B95	105	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B97	107	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B99	109	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B101	111	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B103	113	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B105	115	Beam	1670	V 20x45	V 20x45	12	No
NE+3.30	B798	271	Beam	8110	V 20x45	V 20x45	12	No
NE+3.30	B799	275	Beam	8260	V 20x45	V 20x45	12	No
NE+3.30	B800	292	Beam	8000	V 20x45	V 20x45	12	No
NE+3.30	B801	296	Beam	6790	V 20x45	V 20x45	12	No
NE+3.30	B802	297	Beam	7890	V 20x45	V 20x45	12	No

3.3 Shell Assignments

Table 3.3 - Shell Assignments - Summary

Story	Label	Unique Name	Section	Axis Angle deg
NE+5.00	F3	1	PL10 CM (P0)	90
NE+5.00	F4	2	PL10 CM (P0)	90
NE+5.00	F5	3	PL10 CM (P0)	90
NE+5.00	F6	5	PL10 CM (P0)	90
NE+5.00	F7	7	PL10 CM (P0)	90
NE+5.00	F8	13	PL10 CM (P0)	90
NE+5.00	F9	14	PL10 CM (P0)	90
NE+5.00	F14	15	PL10 CM (P0)	90
NE+5.00	F17	16	PL10 CM (P0)	90
NE+5.00	F18	17	PL10 CM (P0)	90
NE+5.00	F19	18	PL10 CM (P0)	90
NE+5.00	F20	21	PL10 CM (P0)	90
NE+5.00	F22	22	PL10 CM (P0)	90
NE+5.00	F23	23	PL10 CM (P0)	90
NE+5.00	F29	29	PL10 CM (P0)	90
NE+5.00	F46	40	PL10 CM (P0)	90
NE+5.00	F50	47	PL10 CM (P0)	90
NE+5.00	F93	96	PL10 CM (P0)	90
NE+5.00	F94	97	PL10 CM (P0)	90

Table 3.3 - Shell Assignments - Summary (continued)

Story	Label	Unique Name	Section	Axis Angle deg
NE+5.00	F96	99	PL10 CM (P0)	90
NE+5.00	F97	100	PL10 CM (P0)	90
NE+5.00	F98	101	PL10 CM (P0)	90
NE+5.00	F119	98	PL10 CM (P0)	90
NE+4.35	F79	82	GRAD P=0	
NE+4.35	F80	83	GRAD P=0	
NE+4.35	F81	84	GRAD P=0	
NE+4.35	F82	85	GRAD P=0	
NE+4.35	F83	86	GRAD P=0	
NE+4.35	F84	87	GRAD P=0	
NE+4.35	F85	88	GRAD P=0	
NE+4.35	F86	89	GRAD P=0	
NE+4.35	F87	90	GRAD P=0	
NE+4.35	F88	91	GRAD P=0	
NE+4.35	F89	92	GRAD P=0	
NE+4.35	F90	93	GRAD P=0	
NE+4.35	F91	94	GRAD P=0	
NE+4.35	F92	95	GRAD P=0	
NE+4.35	F1	8	ESC 10CM	90
NE+3.30	F59	62	PL10 CM (P0)	90
NE+3.30	F60	63	PL10 CM (P0)	90
NE+3.30	F61	64	PL10 CM (P0)	90
NE+3.30	F62	65	PL10 CM (P0)	90
NE+3.30	F63	66	PL10 CM (P0)	90

4 Loads

This chapter provides loading information as applied to the model.

4.1 Load Patterns

Table 4.1 - Load Patterns

Name	Type	Self Weight Multiplier
Viva	Live	0
Psup	Superimposed Dead	0
Viva.cub	Roof Live	0

4.2 Applied Loads

4.2.1 Point Loads

Table 4.2 - Joint Loads - Force

Story	Label	Unique Name	Load Pattern	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
NE+7.50	20	55	Psup	0.63	-0.0003	-25.94	0	0	0
NE+7.50	21	57	Psup	-0.59	0.0004	-28.54	0	0	0
NE+7.50	22	59	Psup	0.1232	0	-28.4	0	0	0
NE+7.50	34	81	Psup	0	0	-14.98	0	0	0
NE+7.50	35	82	Psup	0	0	-17.18	0	0	0
NE+7.50	36	83	Psup	0	0	-16.95	0	0	0
NE+7.50	44	293	Psup	0	0	-16.39	0	0	0
NE+7.50	45	299	Psup	-0.27	-0.001	-27.75	0	0	0
NE+7.50	48	317	Psup	0.78	0.0003	-29.23	0	0	0
NE+7.50	49	323	Psup	0	0	-16.98	0	0	0
NE+7.50	52	329	Psup	0	0	-14.96	0	0	0
NE+7.50	57	335	Psup	-0.68	-0.0002	-25.91	0	0	0
NE+7.50	20	55	Viva.cub	0.42	0	-87	0	0	0
NE+7.50	21	57	Viva.cub	-0.24	0	-86.7	0	0	0
NE+7.50	22	59	Viva.cub	-0.0975	-0.0002	-87.25	0	0	0
NE+7.50	34	81	Viva.cub	0	0	-32.92	0	0	0
NE+7.50	35	82	Viva.cub	0	0	-32.79	0	0	0
NE+7.50	36	83	Viva.cub	0	0	-33.04	0	0	0
NE+7.50	44	293	Viva.cub	0	0	-32.72	0	0	0
NE+7.50	45	299	Viva.cub	-0.0031	0	-86.56	0	0	0
NE+7.50	48	317	Viva.cub	-0.53	-0.0001	-87.22	0	0	0
NE+7.50	49	323	Viva.cub	0	0	-33.02	0	0	0
NE+7.50	52	329	Viva.cub	0	0	-32.85	0	0	0
NE+7.50	57	335	Viva.cub	0.24	0	-86.86	0	0	0

4.2.2 Line Loads

Table 4.3 - Frame Loads - Distributed

Story	Label	Unique Name	Design Type	Load Pattern	LoadType	Direction	Relative Distance Start	Relative Distance End	Absolute Distance Start mm	Absolute Distance End mm	Force at Start kN/m	Force at End kN/m
NE+4.35	B68	83	Beam	Psup	Force	Gravity	0	1	0	3463	1.26	1.26
NE+4.35	B69	84	Beam	Psup	Force	Gravity	0	1	0	3463	1.26	1.26
NE+4.35	B70	85	Beam	Psup	Force	Gravity	0	1	0	3463	1.26	1.26
NE+4.35	B71	86	Beam	Psup	Force	Gravity	0	1	0	3463	1.26	1.26
NE+4.35	B72	87	Beam	Psup	Force	Gravity	0	1	0	3463	1.26	1.26
NE+4.35	B88	62	Beam	Psup	Force	Gravity	0	1	0	3463	1.26	1.26
NE+4.35	B90	64	Beam	Psup	Force	Gravity	0	1	0	3463	1.26	1.26
NE+4.35	B92	102	Beam	Psup	Force	Gravity	0	1	0	3463	1.26	1.26
NE+4.35	B94	104	Beam	Psup	Force	Gravity	0	1	0	3463	1.26	1.26
NE+4.35	B96	106	Beam	Psup	Force	Gravity	0	1	0	3463	1.26	1.26
NE+4.35	B98	108	Beam	Psup	Force	Gravity	0	1	0	3463	1.26	1.26
NE+4.35	B100	110	Beam	Psup	Force	Gravity	0	1	0	3463	1.26	1.26
NE+4.35	B102	112	Beam	Psup	Force	Gravity	0	1	0	3463	1.26	1.26
NE+4.35	B106	116	Beam	Psup	Force	Gravity	0	1	0	3463	1.26	1.26

4.2.3 Area Loads

Table 4.4 - Shell Loads - Uniform

Story	Label	Unique Name	Load Pattern	Direction	Load kN/m²
NE+5.00	F3	1	Viva	Gravity	5
NE+5.00	F4	2	Viva	Gravity	5
NE+5.00	F5	3	Viva	Gravity	5
NE+5.00	F6	5	Viva	Gravity	5
NE+5.00	F7	7	Viva	Gravity	5
NE+5.00	F8	13	Viva	Gravity	2
NE+5.00	F9	14	Viva	Gravity	2
NE+5.00	F14	15	Viva	Gravity	2
NE+5.00	F17	16	Viva	Gravity	2
NE+5.00	F18	17	Viva	Gravity	2
NE+5.00	F19	18	Viva	Gravity	2

Table 4.4 - Shell Loads - Uniform (continued)

Story	Label	Unique Name	Load Pattern	Direction	Load kN/m²
NE+5.00	F20	21	Viva	Gravity	2
NE+5.00	F22	22	Viva	Gravity	2
NE+5.00	F23	23	Viva	Gravity	2
NE+5.00	F29	29	Viva	Gravity	2
NE+5.00	F46	40	Viva	Gravity	2
NE+5.00	F50	47	Viva	Gravity	2
NE+5.00	F93	96	Viva	Gravity	2
NE+5.00	F94	97	Viva	Gravity	2
NE+5.00	F96	99	Viva	Gravity	5
NE+5.00	F97	100	Viva	Gravity	5
NE+5.00	F98	101	Viva	Gravity	5
NE+5.00	F119	98	Viva	Gravity	2
NE+4.35	F79	82	Viva	Gravity	5
NE+4.35	F80	83	Viva	Gravity	5
NE+4.35	F81	84	Viva	Gravity	5
NE+4.35	F82	85	Viva	Gravity	5
NE+4.35	F83	86	Viva	Gravity	5
NE+4.35	F84	87	Viva	Gravity	5
NE+4.35	F85	88	Viva	Gravity	5
NE+4.35	F86	89	Viva	Gravity	5
NE+4.35	F87	90	Viva	Gravity	5
NE+4.35	F88	91	Viva	Gravity	5
NE+4.35	F89	92	Viva	Gravity	5
NE+4.35	F90	93	Viva	Gravity	5
NE+4.35	F91	94	Viva	Gravity	5
NE+4.35	F92	95	Viva	Gravity	5
NE+4.35	F1	8	Viva	Gravity	5
NE+3.30	F59	62	Viva	Gravity	5
NE+3.30	F60	63	Viva	Gravity	5
NE+3.30	F61	64	Viva	Gravity	5
NE+3.30	F62	65	Viva	Gravity	5
NE+3.30	F63	66	Viva	Gravity	5
NE+5.00	F3	1	Psup	Gravity	6.2
NE+5.00	F4	2	Psup	Gravity	6.2
NE+5.00	F5	3	Psup	Gravity	6.2
NE+5.00	F6	5	Psup	Gravity	6.2
NE+5.00	F7	7	Psup	Gravity	6.2
NE+5.00	F8	13	Psup	Gravity	6.2
NE+5.00	F9	14	Psup	Gravity	6.2
NE+5.00	F14	15	Psup	Gravity	6.2
NE+5.00	F17	16	Psup	Gravity	6.2
NE+5.00	F18	17	Psup	Gravity	6.2
NE+5.00	F19	18	Psup	Gravity	6.2
NE+5.00	F20	21	Psup	Gravity	6.2
NE+5.00	F22	22	Psup	Gravity	6.2

Table 4.4 - Shell Loads - Uniform (continued)

Story	Label	Unique Name	Load Pattern	Direction	Load kN/m²
NE+5.00	F23	23	Psup	Gravity	6.2
NE+5.00	F29	29	Psup	Gravity	6.2
NE+5.00	F46	40	Psup	Gravity	6.2
NE+5.00	F50	47	Psup	Gravity	6.2
NE+5.00	F93	96	Psup	Gravity	6.2
NE+5.00	F94	97	Psup	Gravity	6.2
NE+5.00	F96	99	Psup	Gravity	6.2
NE+5.00	F97	100	Psup	Gravity	6.2
NE+5.00	F98	101	Psup	Gravity	6.2
NE+5.00	F119	98	Psup	Gravity	6.2
NE+4.35	F79	82	Psup	Gravity	4.2
NE+4.35	F80	83	Psup	Gravity	4.2
NE+4.35	F81	84	Psup	Gravity	4.2
NE+4.35	F82	85	Psup	Gravity	4.2
NE+4.35	F83	86	Psup	Gravity	4.2
NE+4.35	F84	87	Psup	Gravity	4.2
NE+4.35	F85	88	Psup	Gravity	4.2
NE+4.35	F86	89	Psup	Gravity	4.2
NE+4.35	F87	90	Psup	Gravity	4.2
NE+4.35	F88	91	Psup	Gravity	4.2
NE+4.35	F89	92	Psup	Gravity	4.2
NE+4.35	F90	93	Psup	Gravity	4.2
NE+4.35	F91	94	Psup	Gravity	4.2
NE+4.35	F92	95	Psup	Gravity	4.2
NE+4.35	F1	8	Psup	Gravity	4.2
NE+3.30	F59	62	Psup	Gravity	6.2
NE+3.30	F60	63	Psup	Gravity	6.2
NE+3.30	F61	64	Psup	Gravity	6.2
NE+3.30	F62	65	Psup	Gravity	6.2
NE+3.30	F63	66	Psup	Gravity	6.2

4.3 Functions

4.3.1 Response Spectrum Functions

Table 4.5 - Response Spectrum Function - User

Name	Period sec	Acceleration	Damping %
UMBR ZIPA	0	0.05	5
UMBR ZIPA	0.05	0.07	
UMBR ZIPA	0.1	0.09	
UMBR ZIPA	0.15	0.11	
UMBR ZIPA	0.2	0.13	
UMBR ZIPA	0.25	0.15	
UMBR ZIPA	0.3	0.15	
UMBR ZIPA	0.35	0.15	

Table 4.5 - Response Spectrum Function - User (continued)

Name	Period sec	Acceleration	Damping %
UMBR ZIPA	0.4	0.15	
UMBR ZIPA	0.45	0.15	
UMBR ZIPA	0.5	0.15	
UMBR ZIPA	0.55	0.15	
UMBR ZIPA	0.6	0.15	
UMBR ZIPA	0.65	0.15	
UMBR ZIPA	0.7	0.15	
UMBR ZIPA	0.75	0.15	
UMBR ZIPA	0.8	0.15	
UMBR ZIPA	0.85	0.15	
UMBR ZIPA	0.9	0.15	
UMBR ZIPA	0.95	0.15	
UMBR ZIPA	1	0.15	
UMBR ZIPA	1.05	0.15	
UMBR ZIPA	1.1	0.15	
UMBR ZIPA	1.15	0.15	
UMBR ZIPA	1.2	0.15	
UMBR ZIPA	1.25	0.15	
UMBR ZIPA	1.3	0.1442	
UMBR ZIPA	1.35	0.1389	
UMBR ZIPA	1.4	0.1339	
UMBR ZIPA	1.45	0.1293	
UMBR ZIPA	1.5	0.125	
UMBR ZIPA	1.55	0.121	
UMBR ZIPA	1.6	0.1172	
UMBR ZIPA	1.65	0.1136	
UMBR ZIPA	1.7	0.1103	
UMBR ZIPA	1.75	0.1071	
UMBR ZIPA	1.8	0.1042	
UMBR ZIPA	1.85	0.1014	
UMBR ZIPA	1.9	0.0987	
UMBR ZIPA	1.95	0.0962	
UMBR ZIPA	2	0.0938	
UMBR ZIPA	2.05	0.0915	
UMBR ZIPA	2.1	0.0893	
UMBR ZIPA	2.15	0.0872	
UMBR ZIPA	2.2	0.0852	
UMBR ZIPA	2.25	0.0833	
UMBR ZIPA	2.3	0.0815	
UMBR ZIPA	2.35	0.0798	
UMBR ZIPA	2.4	0.0781	
UMBR ZIPA	2.45	0.0765	
UMBR ZIPA	2.5	0.075	
UMBR ZIPA	2.55	0.0735	
UMBR ZIPA	2.6	0.0721	

Table 4.5 - Response Spectrum Function - User (continued)

Name	Period sec	Acceleration	Damping %
UMBR ZIPA	2.65	0.0708	
UMBR ZIPA	2.7	0.0694	
UMBR ZIPA	2.75	0.0682	
UMBR ZIPA	2.8	0.067	
UMBR ZIPA	2.85	0.0658	
UMBR ZIPA	2.9	0.0647	
UMBR ZIPA	2.95	0.0636	
UMBR ZIPA	3	0.0625	
UMBR ZIPA	3.05	0.0615	
UMBR ZIPA	3.1	0.0605	
UMBR ZIPA	3.15	0.0595	
UMBR ZIPA	3.2	0.0586	
UMBR ZIPA	3.25	0.0577	
UMBR ZIPA	3.3	0.0568	
UMBR ZIPA	3.35	0.056	
UMBR ZIPA	3.4	0.0551	
UMBR ZIPA	3.45	0.0543	
UMBR ZIPA	3.5	0.0536	
UMBR ZIPA	3.55	0.0528	
UMBR ZIPA	3.6	0.0521	
UMBR ZIPA	3.65	0.0514	
UMBR ZIPA	3.7	0.0507	
UMBR ZIPA	3.75	0.05	
UMBR ZIPA	3.8	0.0493	
UMBR ZIPA	3.85	0.0487	
UMBR ZIPA	3.9	0.0481	
UMBR ZIPA	3.95	0.0475	
UMBR ZIPA	4	0.0469	
UMBR ZIPA	4.05	0.0463	
UMBR ZIPA	4.1	0.0457	
UMBR ZIPA	4.15	0.0452	
UMBR ZIPA	4.2	0.0446	
UMBR ZIPA	4.25	0.0441	
UMBR ZIPA	4.3	0.0436	
UMBR ZIPA	4.35	0.0431	
UMBR ZIPA	4.4	0.0426	
UMBR ZIPA	4.45	0.0421	
UMBR ZIPA	4.5	0.0417	
UMBR ZIPA	4.55	0.0412	
UMBR ZIPA	4.6	0.0408	
UMBR ZIPA	4.65	0.0403	
UMBR ZIPA	4.7	0.0399	
UMBR ZIPA	4.75	0.0395	
UMBR ZIPA	4.8	0.0391	
UMBR ZIPA	4.85	0.0387	

Table 4.5 - Response Spectrum Function - User (continued)

Name	Period sec	Acceleration	Damping %
UMBR ZIPA	4.9	0.0383	
UMBR ZIPA	4.95	0.0379	
UMBR ZIPA	5	0.0375	
UMBR ZIPA	5.05	0.0371	
UMBR ZIPA	5.1	0.0368	
UMBR ZIPA	5.15	0.0364	
UMBR ZIPA	5.2	0.0361	
UMBR ZIPA	5.25	0.0357	
UMBR ZIPA	5.3	0.0354	
UMBR ZIPA	5.35	0.035	
UMBR ZIPA	5.4	0.0347	
UMBR ZIPA	5.45	0.0344	
UMBR ZIPA	5.5	0.0341	
UMBR ZIPA	5.55	0.0338	
UMBR ZIPA	5.6	0.0335	
UMBR ZIPA	5.65	0.0332	
UMBR ZIPA	5.7	0.0329	
UMBR ZIPA	5.75	0.0326	
UMBR ZIPA	5.8	0.0323	
UMBR ZIPA	5.85	0.0321	
UMBR ZIPA	5.9	0.0318	
UMBR ZIPA	5.95	0.0315	
UMBR ZIPA	6	0.0312	
UMBR ZIPA	6.05	0.0307	
UMBR ZIPA	6.1	0.0302	
UMBR ZIPA	6.15	0.0297	
UMBR ZIPA	6.2	0.0293	
UMBR ZIPA	6.25	0.0288	
UMBR ZIPA	6.3	0.0283	
UMBR ZIPA	6.35	0.0279	
UMBR ZIPA	6.4	0.0275	
UMBR ZIPA	6.45	0.027	
UMBR ZIPA	6.5	0.0266	
UMBR ZIPA	6.55	0.0262	
UMBR ZIPA	6.6	0.0258	
UMBR ZIPA	6.65	0.0254	
UMBR ZIPA	6.7	0.0251	
UMBR ZIPA	6.75	0.0247	
UMBR ZIPA	6.8	0.0243	
UMBR ZIPA	6.85	0.024	
UMBR ZIPA	6.9	0.0236	
UMBR ZIPA	6.95	0.0233	
UMBR ZIPA	7	0.023	
UMBR ZIPA	7.05	0.0226	
UMBR ZIPA	7.1	0.0223	

Table 4.5 - Response Spectrum Function - User (continued)

Name	Period sec	Acceleration	Damping %
UMBR ZIPA	7.15	0.022	
UMBR ZIPA	7.2	0.0217	
UMBR ZIPA	7.25	0.0214	
UMBR ZIPA	7.3	0.0211	
UMBR ZIPA	7.35	0.0208	
UMBR ZIPA	7.4	0.0205	
UMBR ZIPA	7.45	0.0203	
UMBR ZIPA	7.5	0.02	
UMBR ZIPA	7.55	0.0197	
UMBR ZIPA	7.6	0.0195	
UMBR ZIPA	7.65	0.0192	
UMBR ZIPA	7.7	0.019	
UMBR ZIPA	7.75	0.0187	
UMBR ZIPA	7.8	0.0185	
UMBR ZIPA	7.85	0.0183	
UMBR ZIPA	7.9	0.018	
UMBR ZIPA	7.95	0.0178	
UMBR ZIPA	8	0.0176	
UMBR ZIPA	8.05	0.0174	
UMBR ZIPA	8.1	0.0171	
UMBR ZIPA	8.15	0.0169	
UMBR ZIPA	8.2	0.0167	
UMBR ZIPA	8.25	0.0165	
UMBR ZIPA	8.3	0.0163	
UMBR ZIPA	8.35	0.0161	
UMBR ZIPA	8.4	0.0159	
UMBR ZIPA	8.45	0.0158	
UMBR ZIPA	8.5	0.0156	
UMBR ZIPA	8.55	0.0154	
UMBR ZIPA	8.6	0.0152	
UMBR ZIPA	8.65	0.015	
UMBR ZIPA	8.7	0.0149	
UMBR ZIPA	8.75	0.0147	
UMBR ZIPA	8.8	0.0145	
UMBR ZIPA	8.85	0.0144	
UMBR ZIPA	8.9	0.0142	
UMBR ZIPA	8.95	0.014	
UMBR ZIPA	9	0.0139	
UMBR ZIPA	9.05	0.0137	
UMBR ZIPA	9.1	0.0136	
UMBR ZIPA	9.15	0.0134	
UMBR ZIPA	9.2	0.0133	
UMBR ZIPA	9.25	0.0131	
UMBR ZIPA	9.3	0.013	
UMBR ZIPA	9.35	0.0129	

Table 4.5 - Response Spectrum Function - User (continued)

Name	Period sec	Acceleration	Damping %
UMBR ZIPA	9.4	0.0127	
UMBR ZIPA	9.45	0.0126	
UMBR ZIPA	9.5	0.0125	
UMBR ZIPA	9.55	0.0123	
UMBR ZIPA	9.6	0.0122	
UMBR ZIPA	9.65	0.0121	
UMBR ZIPA	9.7	0.012	
UMBR ZIPA	9.75	0.0118	
UMBR ZIPA	9.8	0.0117	
UMBR ZIPA	9.85	0.0116	
UMBR ZIPA	9.9	0.0115	
UMBR ZIPA	9.95	0.0114	
UMBR ZIPA	10	0.0112	

4.4 Load Cases

Table 4.6 - Load Cases - Summary

Name	Type
Pprop	Linear Static
Viva	Linear Static
Psup	Linear Static
Viva.cub	Linear Static
DISX-COMB	Response Spectrum
DISY-COMB	Response Spectrum

4.5 Load Combinations

Table 4.7 - Load Combinations

Name	Load Case/Combo	Scale Factor	Type	Auto
B241	Dtot	1.4	Linear Add	No
B242	Dtot	1.2	Linear Add	No
B242	Viva	1.6		No
B242	Viva.cub	0.5		No

5 Analysis Results

This chapter provides analysis results.

5.1 Point Results

Table 5.1 - Joint Reactions

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
NE+0.00	9	24	Pprop	3.481	3.5772	62.2936	-2.7444	3.7234	0.0011
NE+0.00	9	24	Viva	6.6382	4.5727	67.2026	-8.7797	7.3169	-0.0633
NE+0.00	9	24	Psup	7.0469	0.4741	58.1919	6.5674	7.6584	0.029
NE+0.00	9	24	Viva.cub	0.0133	-0.4339	0.8148	0.3497	0.0318	-0.0005
NE+0.00	9	24	DISX-COMB Max	260.0187	225.9896	222.5143	545.1164	543.0285	11.4892
NE+0.00	9	24	DISY-COMB Max	16.1061	355.6496	237.619	850.6982	36.2152	2.4235
NE+0.00	9	24	B241	13.6473	5.2517	156.1849	4.9557	14.7542	0.039
NE+0.00	9	24	B242	22.3255	11.6008	241.8043	-9.6249	24.3694	-0.0681
NE+0.00	10	26	Pprop	0.0398	7.5175	104.9489	-6.8486	0.0395	0.0011
NE+0.00	10	26	Viva	0.259	6.5764	151.0937	-10.1803	0.4876	-0.0633
NE+0.00	10	26	Psup	0.3298	6.371	189.8609	0.1318	0.4674	0.029
NE+0.00	10	26	Viva.cub	0.0273	-0.5051	0.7978	0.429	0.0468	-0.0005
NE+0.00	10	26	DISX-COMB Max	311.9308	142.7766	103.8271	335.6818	598.6041	11.4892
NE+0.00	10	26	DISY-COMB Max	22.7376	353.3857	285.5585	829.888	43.4099	2.4235
NE+0.00	10	26	B241	0.4791	18.0036	382.1608	-8.7069	0.6571	0.039
NE+0.00	10	26	B242	0.8387	25.7013	569.7152	-23.5371	1.3668	-0.0681
NE+0.00	11	28	Pprop	-0.0686	7.3601	100.4881	-6.6975	-0.0766	0.0011
NE+0.00	11	28	Viva	0.1037	6.0084	142.1732	-8.8975	0.3214	-0.0633
NE+0.00	11	28	Psup	-0.0976	6.1907	173.0192	0.0019	0.0099	0.029
NE+0.00	11	28	Viva.cub	0.0218	-0.4915	0.8545	0.4203	0.0409	-0.0005
NE+0.00	11	28	DISX-COMB Max	310.2066	48.7693	36.9718	114.842	596.7583	11.4892
NE+0.00	11	28	DISY-COMB Max	22.5003	341.8631	256.2163	799.9054	43.156	2.4235
NE+0.00	11	28	B241	-0.2154	17.5659	354.5465	-8.6794	-0.0864	0.039
NE+0.00	11	28	B242	-0.0078	24.4242	531.8013	-21.4653	0.4606	-0.0681
NE+0.00	20	856	Pprop	1.6286	-8.3988	120.5447	12.447	2.4104	0.0828
NE+0.00	20	856	Viva	1.2843	-3.0328	58.4949	3.19	1.6926	-0.1957
NE+0.00	20	856	Psup	1.5241	-26.7171	168.1667	41.1159	2.1743	-0.4361
NE+0.00	20	856	Viva.cub	0.0327	0.1461	86.0357	-0.6875	0.0669	0.0036
NE+0.00	20	856	DISX-COMB Max	122.5095	112.0085	68.3322	338.5556	339.8915	16.0231
NE+0.00	20	856	DISY-COMB Max	10.5576	167.5095	176.5818	518.9513	23.8734	2.398
NE+0.00	20	856	B241	4.0869	-45.5207	374.2556	69.4334	5.9432	-0.458
NE+0.00	20	856	B242	5.5742	-43.7972	457.4002	64.2746	7.8357	-0.7039
NE+0.00	21	858	Pprop	0.0015	-7.0381	154.1812	10.8549	-0.0186	-0.0384
NE+0.00	21	858	Viva	-0.1868	-4.4934	115.7192	6.5679	-0.2527	-0.1363
NE+0.00	21	858	Psup	-0.4056	-23.3116	266.6728	37.2238	-0.5896	-0.2129
NE+0.00	21	858	Viva.cub	-0.0075	0.1004	85.6171	-0.4483	-0.0008	-0.0054
NE+0.00	21	858	DISX-COMB Max	168.7767	48.547	83.3866	137.3266	454.0308	17.1091
NE+0.00	21	858	DISY-COMB Max	8.7964	110.4385	220.1732	326.5449	23.6993	3.3956
NE+0.00	21	858	B241	-0.5238	-39.3423	545.5515	62.3242	-0.7884	-0.3257
NE+0.00	21	858	B242	-0.7516	-40.8611	695.5749	63.7052	-1.0804	-0.5
NE+0.00	22	860	Pprop	0.0029	-10.5054	160.1517	15.8602	0.0094	0.0338

Table 5.1 - Joint Reactions (continued)

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
NE+0.00	22	860	Viva	0.0127	-8.1584	119.8918	11.7634	0.1085	0.0175
NE+0.00	22	860	Psup	0.1242	-34.7488	275.4436	54.2864	0.3243	0.119
NE+0.00	22	860	Viva.cub	-0.0015	0.1503	86.1813	-0.6898	0.0066	-0.0033
NE+0.00	22	860	DISX-COMB Max	136.744	25.2964	19.5926	73.0634	361.816	14.8855
NE+0.00	22	860	DISY-COMB Max	6.8787	153.9609	188.8638	478.6204	18.4712	3.0995
NE+0.00	22	860	B241	0.1648	-58.6628	564.6606	90.9308	0.4326	0.198
NE+0.00	22	860	B242	0.1608	-63.2607	718.9123	96.4172	0.5477	0.1962
NE+0.00	34	855	Pprop	5.4867	2.8088	112.5402	-5.9267	9.0262	-0.0007
NE+0.00	34	855	Viva	8.7085	-0.0797	58.9372	-1.84	14.3955	-0.0041
NE+0.00	34	855	Psup	16.0864	13.6563	143.4727	-25.0737	26.5826	-0.0028
NE+0.00	34	855	Viva.cub	0.0086	0.3481	33.1445	-0.9989	0.0227	-0.0004
NE+0.00	34	855	DISX-COMB Max	101.5177	83.9049	29.7254	296.0682	329.4147	8.9867
NE+0.00	34	855	DISY-COMB Max	2.8841	125.1314	69.799	455.1625	9.3858	1.9081
NE+0.00	34	855	B241	27.9651	21.3436	331.8686	-40.1856	46.1595	-0.0045
NE+0.00	34	855	B242	37.908	18.341	395.3306	-37.8883	62.6094	-0.0106
NE+0.00	35	857	Pprop	-0.7829	2.8089	166.0253	-5.9221	-1.3012	-0.0007
NE+0.00	35	857	Viva	-1.1625	-0.2648	146.7138	-1.51	-1.8643	-0.0041
NE+0.00	35	857	Psup	-2.4649	32.45	338.7611	-55.6142	-3.9755	-0.0028
NE+0.00	35	857	Viva.cub	0.0073	0.343	33.0044	-0.9878	0.0206	-0.0004
NE+0.00	35	857	DISX-COMB Max	137.9377	45.7349	37.0075	170.5478	389.4069	8.9867
NE+0.00	35	857	DISY-COMB Max	3.9255	118.5411	66.2378	435.0517	11.1087	1.9081
NE+0.00	35	857	B241	-4.21	45.706	654.3528	-79.7693	-6.8402	-0.0045
NE+0.00	35	857	B242	-5.4649	38.9244	812.1181	-71.2836	-8.8357	-0.0106
NE+0.00	36	859	Pprop	0.0716	2.338	158.9779	-5.1516	0.1064	-0.0007
NE+0.00	36	859	Viva	0.2006	-0.7661	136.2889	-0.6652	0.3811	-0.0041
NE+0.00	36	859	Psup	0.3823	28.6295	311.9299	-49.3811	0.7144	-0.0028
NE+0.00	36	859	Viva.cub	0.0073	0.3434	33.2572	-0.9854	0.0205	-0.0004
NE+0.00	36	859	DISX-COMB Max	133.4449	16.5185	6.2793	59.4951	382.0074	8.9867
NE+0.00	36	859	DISY-COMB Max	3.7951	114.6022	64.9129	419.5394	10.894	1.9081
NE+0.00	36	859	B241	0.5884	40.1431	610.436	-70.6906	1.064	-0.0045
NE+0.00	36	859	B242	0.829	33.3542	757.9217	-62.149	1.5319	-0.0106
NE+0.00	44	861	Pprop	-1.3982	2.4108	148.5628	-5.2655	-2.3148	-0.0007
NE+0.00	44	861	Viva	-2.407	-0.8225	117.6886	-0.5449	-3.9142	-0.0041
NE+0.00	44	861	Psup	-4.4846	25.9396	276.4798	-44.9871	-7.3024	-0.0028
NE+0.00	44	861	Viva.cub	0.0077	0.3429	32.9442	-0.9816	0.0213	-0.0004
NE+0.00	44	861	DISX-COMB Max	137.4192	17.336	18.6479	62.571	388.5538	8.9867
NE+0.00	44	861	DISY-COMB Max	3.9099	110.81	62.7529	404.9894	11.0828	1.9081
NE+0.00	44	861	B241	-7.6258	36.7505	550.9812	-65.1422	-12.4667	-0.0045
NE+0.00	44	861	B242	-10.3837	30.3558	677.0435	-57.1988	-16.9379	-0.0106
NE+0.00	45	862	Pprop	-0.2468	-9.8611	152.9119	14.8285	-0.3648	0.0325
NE+0.00	45	862	Viva	-0.2941	-7.9933	110.14	11.528	-0.3154	0.0687
NE+0.00	45	862	Psup	-0.2636	-31.9962	253.8436	49.8238	-0.2625	0.1413
NE+0.00	45	862	Viva.cub	0.0015	0.1393	85.5554	-0.669	0.0118	-0.0021
NE+0.00	45	862	DISX-COMB Max	138.7187	22.696	45.103	70.5433	364.927	13.7312
NE+0.00	45	862	DISY-COMB Max	6.95	148.142	186.4058	460.9141	18.5952	3.0539

Table 5.1 - Joint Reactions (continued)

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
NE+0.00	45	862	B241	-0.6617	-54.2595	527.2757	83.8085	-0.8132	0.2252
NE+0.00	45	862	B242	-1.0369	-59.2278	670.9523	89.9462	-1.1957	0.3019
NE+0.00	46	310	Pprop	-0.1344	7.0395	94.7416	-6.3763	-0.147	0.0011
NE+0.00	46	310	Viva	-0.1449	5.5528	125.4122	-7.7532	0.0552	-0.0633
NE+0.00	46	310	Psup	-0.2355	5.6775	153.1584	0.2278	-0.1377	0.029
NE+0.00	46	310	Viva.cub	0.0211	-0.5004	0.7955	0.4348	0.0402	-0.0005
NE+0.00	46	310	DISX-COMB Max	311.1749	50.7355	30.9801	118.1589	597.7948	11.4892
NE+0.00	46	310	DISY-COMB Max	22.0602	331.5691	247.5743	772.6114	42.681	2.4235
NE+0.00	46	310	B241	-0.4794	16.485	321.3519	-7.9704	-0.369	0.039
NE+0.00	46	310	B242	-0.6322	22.7643	476.5017	-19.0195	-0.2079	-0.0681
NE+0.00	47	316	Pprop	0.4099	6.747	97.909	-6.0826	0.4356	0.0011
NE+0.00	47	316	Viva	1.1091	5.9214	127.9212	-7.5665	1.3977	-0.0633
NE+0.00	47	316	Psup	0.8181	6.2585	154.2335	-0.6363	0.9902	0.029
NE+0.00	47	316	Viva.cub	0.0338	-0.5179	0.9142	0.4575	0.0537	-0.0005
NE+0.00	47	316	DISX-COMB Max	312.7875	130.3181	100.6994	301.8705	599.5209	11.4892
NE+0.00	47	316	DISY-COMB Max	22.2719	324.8422	246.4472	752.2622	42.9078	2.4235
NE+0.00	47	316	B241	1.5918	16.8589	326.8514	-8.7097	1.8483	0.039
NE+0.00	47	316	B242	3.1559	23.6658	485.2894	-19.343	3.8475	-0.0681
NE+0.00	48	864	Pprop	0.3454	-10.3197	157.4863	15.5719	0.5137	0.1222
NE+0.00	48	864	Viva	0.6044	-10.2636	120.2689	15.1981	0.9678	0.1352
NE+0.00	48	864	Psup	0.6285	-32.4726	258.8452	50.5467	1.1013	0.2364
NE+0.00	48	864	Viva.cub	-0.0158	0.1367	86.0957	-0.6628	-0.0186	-0.006
NE+0.00	48	864	DISX-COMB Max	138.1484	62.3416	57.0379	185.935	363.9778	12.0429
NE+0.00	48	864	DISY-COMB Max	7.3582	143.8502	185.0127	447.2953	19.1737	2.8511
NE+0.00	48	864	B241	1.2624	-55.4714	539.689	85.7092	2.0935	0.4648
NE+0.00	48	864	B242	2.0412	-63.9003	698.0686	97.4507	3.3337	0.6117
NE+0.00	49	863	Pprop	2.0769	3.8549	159.4269	-7.6097	3.4095	-0.0007
NE+0.00	49	863	Viva	4.5627	2.9654	142.7164	-6.6802	7.5664	-0.0041
NE+0.00	49	863	Psup	6.5117	28.2525	302.735	-48.7314	10.8109	-0.0028
NE+0.00	49	863	Viva.cub	0.0076	0.3411	33.2368	-0.9763	0.0211	-0.0004
NE+0.00	49	863	DISX-COMB Max	141.775	41.2505	24.3375	153.6459	395.729	8.9867
NE+0.00	49	863	DISY-COMB Max	4.0399	107.1058	60.9139	392.2369	11.2981	1.9081
NE+0.00	49	863	B241	11.1334	41.6207	599.0987	-73.0347	18.4339	-0.0045
NE+0.00	49	863	B242	16.8471	40.5901	758.4778	-73.7777	27.9173	-0.0106
NE+0.00	52	865	Pprop	-5.4195	3.6994	114.8015	-7.3523	-8.9388	-0.0007
NE+0.00	52	865	Viva	-10.6018	6.9969	86.6111	-13.2077	-17.4131	-0.0041
NE+0.00	52	865	Psup	-15.7544	13.4354	143.0667	-24.6176	-25.8663	-0.0028
NE+0.00	52	865	Viva.cub	0.0074	0.3382	33.0646	-0.9686	0.0208	-0.0004
NE+0.00	52	865	DISX-COMB Max	101.97	77.9857	32.7088	275.0501	330.1602	8.9867
NE+0.00	52	865	DISY-COMB Max	2.8767	104.7026	58.438	381.0053	9.3562	1.9081
NE+0.00	52	865	B241	-27.4476	22.2118	334.2736	-41.4425	-45.1178	-0.0045
NE+0.00	52	865	B242	-40.4858	30.4029	441.6302	-57.1388	-66.5229	-0.0106
NE+0.00	57	3	Pprop	-1.5072	-8.1324	119.5038	12.0202	-2.2566	-0.3055
NE+0.00	57	3	Viva	-2.4903	-10.1373	82.4177	14.7562	-3.5354	-0.477
NE+0.00	57	3	Psup	-2.2198	-24.6428	154.1233	37.6039	-3.1222	-0.2945

Table 5.1 - Joint Reactions (continued)

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
NE+0.00	57	3	Viva.cub	0.0345	0.1569	85.862	-0.6911	0.0666	0.0058
NE+0.00	57	3	DISX-COMB Max	125.894	102.2265	66.6633	311.4007	345.1832	21.522
NE+0.00	57	3	DISY-COMB Max	5.2095	133.3078	149.0403	423.3089	15.5495	3.9593
NE+0.00	57	3	B241	-4.8313	-42.4864	354.7018	64.3275	-6.9725	-0.7778
NE+0.00	57	3	B242	-8.1083	-52.5581	478.8295	78.4023	-11.5998	-1.427
NE+0.00	58	346	Pprop	-3.9867	4.0934	61.3188	-3.3385	-4.2711	0.0011
NE+0.00	58	346	Viva	-6.1961	7.4179	66.8446	-8.4588	-6.4228	-0.0633
NE+0.00	58	346	Psup	-7.5188	6.5548	59.4179	-1.247	-7.9348	0.029
NE+0.00	58	346	Viva.cub	0.0036	-0.4373	0.7543	0.379	0.0214	-0.0005
NE+0.00	58	346	DISX-COMB Max	255.271	206.6769	218.6266	500.7367	537.9471	11.4892
NE+0.00	58	346	DISY-COMB Max	19.4377	292.8808	214.3014	704.4753	39.8578	2.4235
NE+0.00	58	346	B241	-14.9146	13.8033	156.5105	-5.9441	-15.8225	0.039
NE+0.00	58	346	B242	-22.6958	23.4815	241.4804	-18.4395	-23.828	-0.0681

5.2 Line Results

Table 5.2 - Column Forces

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C20	289	Pprop	0	-18.954	0	0	0	0	0
NE+7.50	C20	289	Pprop	0.2273	-17.2309	0	0	0	0	0
NE+7.50	C20	289	Pprop	0.4545	-15.5078	0	0	0	0	0
NE+7.50	C20	289	Pprop	0.6818	-13.7847	0	0	0	0	0
NE+7.50	C20	289	Pprop	0.9091	-12.0616	0	0	0	0	0
NE+7.50	C20	289	Pprop	1.1364	-10.3385	0	0	0	0	0
NE+7.50	C20	289	Pprop	1.3636	-8.6155	0	0	0	0	0
NE+7.50	C20	289	Pprop	1.5909	-6.8924	0	0	0	0	0
NE+7.50	C20	289	Pprop	1.8182	-5.1693	0	0	0	0	0
NE+7.50	C20	289	Pprop	2.0455	-3.4462	0	0	0	0	0
NE+7.50	C20	289	Pprop	2.2727	-1.7231	0	0	0	0	0
NE+7.50	C20	289	Pprop	2.5	0	0	0	0	0	0
NE+7.50	C20	289	Viva	0	0	0	0	0	0	0
NE+7.50	C20	289	Viva	0.2273	0	0	0	0	0	0
NE+7.50	C20	289	Viva	0.4545	0	0	0	0	0	0
NE+7.50	C20	289	Viva	0.6818	0	0	0	0	0	0
NE+7.50	C20	289	Viva	0.9091	0	0	0	0	0	0
NE+7.50	C20	289	Viva	1.1364	0	0	0	0	0	0
NE+7.50	C20	289	Viva	1.3636	0	0	0	0	0	0
NE+7.50	C20	289	Viva	1.5909	0	0	0	0	0	0
NE+7.50	C20	289	Viva	1.8182	0	0	0	0	0	0
NE+7.50	C20	289	Viva	2.0455	0	0	0	0	0	0
NE+7.50	C20	289	Viva	2.2727	0	0	0	0	0	0
NE+7.50	C20	289	Viva	2.5	0	0	0	0	0	0
NE+7.50	C20	289	Psup	0	-28.0152	0.6804	-0.0003	0	-0.0008	1.701
NE+7.50	C20	289	Psup	0.2273	-28.0152	0.6804	-0.0003	0	-0.0007	1.5464
NE+7.50	C20	289	Psup	0.4545	-28.0152	0.6804	-0.0003	0	-0.0007	1.3917

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C20	289	Psup	0.6818	-28.0152	0.6804	-0.0003	0	-0.0006	1.2371
NE+7.50	C20	289	Psup	0.9091	-28.0152	0.6804	-0.0003	0	-0.0005	1.0825
NE+7.50	C20	289	Psup	1.1364	-28.0152	0.6804	-0.0003	0	-0.0004	0.9278
NE+7.50	C20	289	Psup	1.3636	-28.0152	0.6804	-0.0003	0	-0.0004	0.7732
NE+7.50	C20	289	Psup	1.5909	-28.0152	0.6804	-0.0003	0	-0.0003	0.6185
NE+7.50	C20	289	Psup	1.8182	-28.0152	0.6804	-0.0003	0	-0.0002	0.4639
NE+7.50	C20	289	Psup	2.0455	-28.0152	0.6804	-0.0003	0	-0.0001	0.3093
NE+7.50	C20	289	Psup	2.2727	-28.0152	0.6804	-0.0003	0	-0.0001	0.1546
NE+7.50	C20	289	Psup	2.5	-28.0152	0.6804	-0.0003	0	0	0
NE+7.50	C20	289	Viva.cub	0	-87	0.42	0	0	0	1.05
NE+7.50	C20	289	Viva.cub	0.2273	-87	0.42	0	0	0	0.9545
NE+7.50	C20	289	Viva.cub	0.4545	-87	0.42	0	0	0	0.8591
NE+7.50	C20	289	Viva.cub	0.6818	-87	0.42	0	0	0	0.7636
NE+7.50	C20	289	Viva.cub	0.9091	-87	0.42	0	0	0	0.6682
NE+7.50	C20	289	Viva.cub	1.1364	-87	0.42	0	0	0	0.5727
NE+7.50	C20	289	Viva.cub	1.3636	-87	0.42	0	0	0	0.4773
NE+7.50	C20	289	Viva.cub	1.5909	-87	0.42	0	0	0	0.3818
NE+7.50	C20	289	Viva.cub	1.8182	-87	0.42	0	0	0	0.2864
NE+7.50	C20	289	Viva.cub	2.0455	-87	0.42	0	0	0	0.1909
NE+7.50	C20	289	Viva.cub	2.2727	-87	0.42	0	0	0	0.0955
NE+7.50	C20	289	Viva.cub	2.5	-87	0.42	0	0	0	0
NE+7.50	C20	289	DISX-COMB Max	0	0	34.926	21.9952	0	54.988	87.3151
NE+7.50	C20	289	DISX-COMB Max	0.2273	0	34.926	21.9952	0	49.9891	79.3773
NE+7.50	C20	289	DISX-COMB Max	0.4545	0	34.926	21.9952	0	44.9902	71.4396
NE+7.50	C20	289	DISX-COMB Max	0.6818	0	34.926	21.9952	0	39.9913	63.5019
NE+7.50	C20	289	DISX-COMB Max	0.9091	0	34.926	21.9952	0	34.9924	55.5641
NE+7.50	C20	289	DISX-COMB Max	1.1364	0	34.926	21.9952	0	29.9935	47.6264
NE+7.50	C20	289	DISX-COMB Max	1.3636	0	34.926	21.9952	0	24.9946	39.6887
NE+7.50	C20	289	DISX-COMB Max	1.5909	0	34.926	21.9952	0	19.9957	31.7509
NE+7.50	C20	289	DISX-COMB Max	1.8182	0	34.926	21.9952	0	14.9967	23.8132
NE+7.50	C20	289	DISX-COMB Max	2.0455	0	34.926	21.9952	0	9.9978	15.8755
NE+7.50	C20	289	DISX-COMB Max	2.2727	0	34.926	21.9952	0	4.9989	7.9377
NE+7.50	C20	289	DISX-COMB Max	2.5	0	34.926	21.9952	0	0	0
NE+7.50	C20	289	DISY-COMB Max	0	0	2.867	41.2533	0	103.1333	7.1675
NE+7.50	C20	289	DISY-COMB Max	0.2273	0	2.867	41.2533	0	93.7576	6.5159
NE+7.50	C20	289	DISY-COMB Max	0.4545	0	2.867	41.2533	0	84.3818	5.8643
NE+7.50	C20	289	DISY-COMB Max	0.6818	0	2.867	41.2533	0	75.006	5.2128
NE+7.50	C20	289	DISY-COMB Max	0.9091	0	2.867	41.2533	0	65.6303	4.5612
NE+7.50	C20	289	DISY-COMB Max	1.1364	0	2.867	41.2533	0	56.2545	3.9096
NE+7.50	C20	289	DISY-COMB Max	1.3636	0	2.867	41.2533	0	46.8788	3.258
NE+7.50	C20	289	DISY-COMB Max	1.5909	0	2.867	41.2533	0	37.503	2.6064
NE+7.50	C20	289	DISY-COMB Max	1.8182	0	2.867	41.2533	0	28.1273	1.9548
NE+7.50	C20	289	DISY-COMB Max	2.0455	0	2.867	41.2533	0	18.7515	1.3032
NE+7.50	C20	289	DISY-COMB Max	2.2727	0	2.867	41.2533	0	9.3758	0.6516
NE+7.50	C20	289	DISY-COMB Max	2.5	0	2.867	41.2533	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C20	289	B241	0	-60.886	0.882	-0.0004	0	-0.0011	2.205
NE+7.50	C20	289	B241	0.2273	-58.6524	0.882	-0.0004	0	-0.001	2.0045
NE+7.50	C20	289	B241	0.4545	-56.4187	0.882	-0.0004	0	-0.0009	1.8041
NE+7.50	C20	289	B241	0.6818	-54.1851	0.882	-0.0004	0	-0.0008	1.6036
NE+7.50	C20	289	B241	0.9091	-51.9515	0.882	-0.0004	0	-0.0007	1.4032
NE+7.50	C20	289	B241	1.1364	-49.7178	0.882	-0.0004	0	-0.0006	1.2027
NE+7.50	C20	289	B241	1.3636	-47.4842	0.882	-0.0004	0	-0.0005	1.0023
NE+7.50	C20	289	B241	1.5909	-45.2505	0.882	-0.0004	0	-0.0004	0.8018
NE+7.50	C20	289	B241	1.8182	-43.0169	0.882	-0.0004	0	-0.0003	0.6014
NE+7.50	C20	289	B241	2.0455	-40.7833	0.882	-0.0004	0	-0.0002	0.4009
NE+7.50	C20	289	B241	2.2727	-38.5496	0.882	-0.0004	0	-0.0001	0.2005
NE+7.50	C20	289	B241	2.5	-36.316	0.882	-0.0004	0	0	0
NE+7.50	C20	289	B242	0	-95.688	0.966	-0.0004	0	-0.0009	2.415
NE+7.50	C20	289	B242	0.2273	-93.7735	0.966	-0.0004	0	-0.0008	2.1955
NE+7.50	C20	289	B242	0.4545	-91.8589	0.966	-0.0004	0	-0.0007	1.9759
NE+7.50	C20	289	B242	0.6818	-89.9444	0.966	-0.0004	0	-0.0007	1.7564
NE+7.50	C20	289	B242	0.9091	-88.0298	0.966	-0.0004	0	-0.0006	1.5368
NE+7.50	C20	289	B242	1.1364	-86.1153	0.966	-0.0004	0	-0.0005	1.3173
NE+7.50	C20	289	B242	1.3636	-84.2007	0.966	-0.0004	0	-0.0004	1.0977
NE+7.50	C20	289	B242	1.5909	-82.2862	0.966	-0.0004	0	-0.0003	0.8782
NE+7.50	C20	289	B242	1.8182	-80.3716	0.966	-0.0004	0	-0.0002	0.6586
NE+7.50	C20	289	B242	2.0455	-78.4571	0.966	-0.0004	0	-0.0002	0.4391
NE+7.50	C20	289	B242	2.2727	-76.5425	0.966	-0.0004	0	-0.0001	0.2195
NE+7.50	C20	289	B242	2.5	-74.628	0.966	-0.0004	0	0	0
NE+7.50	C21	304	Pprop	0	-18.3218	0	0	0	0	0
NE+7.50	C21	304	Pprop	0.2273	-16.6562	0	0	0	0	0
NE+7.50	C21	304	Pprop	0.4545	-14.9905	0	0	0	0	0
NE+7.50	C21	304	Pprop	0.6818	-13.3249	0	0	0	0	0
NE+7.50	C21	304	Pprop	0.9091	-11.6593	0	0	0	0	0
NE+7.50	C21	304	Pprop	1.1364	-9.9937	0	0	0	0	0
NE+7.50	C21	304	Pprop	1.3636	-8.3281	0	0	0	0	0
NE+7.50	C21	304	Pprop	1.5909	-6.6625	0	0	0	0	0
NE+7.50	C21	304	Pprop	1.8182	-4.9968	0	0	0	0	0
NE+7.50	C21	304	Pprop	2.0455	-3.3312	0	0	0	0	0
NE+7.50	C21	304	Pprop	2.2727	-1.6656	0	0	0	0	0
NE+7.50	C21	304	Pprop	2.5	0	0	0	0	0	0
NE+7.50	C21	304	Viva	0	0	0	0	0	0	0
NE+7.50	C21	304	Viva	0.2273	0	0	0	0	0	0
NE+7.50	C21	304	Viva	0.4545	0	0	0	0	0	0
NE+7.50	C21	304	Viva	0.6818	0	0	0	0	0	0
NE+7.50	C21	304	Viva	0.9091	0	0	0	0	0	0
NE+7.50	C21	304	Viva	1.1364	0	0	0	0	0	0
NE+7.50	C21	304	Viva	1.3636	0	0	0	0	0	0
NE+7.50	C21	304	Viva	1.5909	0	0	0	0	0	0
NE+7.50	C21	304	Viva	1.8182	0	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C21	304	Viva	2.0455	0	0	0	0	0	0
NE+7.50	C21	304	Viva	2.2727	0	0	0	0	0	0
NE+7.50	C21	304	Viva	2.5	0	0	0	0	0	0
NE+7.50	C21	304	Psup	0	-30.8232	-0.6372	0.0004	0	0.0011	-1.593
NE+7.50	C21	304	Psup	0.2273	-30.8232	-0.6372	0.0004	0	0.001	-1.4482
NE+7.50	C21	304	Psup	0.4545	-30.8232	-0.6372	0.0004	0	0.0009	-1.3034
NE+7.50	C21	304	Psup	0.6818	-30.8232	-0.6372	0.0004	0	0.0008	-1.1585
NE+7.50	C21	304	Psup	0.9091	-30.8232	-0.6372	0.0004	0	0.0007	-1.0137
NE+7.50	C21	304	Psup	1.1364	-30.8232	-0.6372	0.0004	0	0.0006	-0.8689
NE+7.50	C21	304	Psup	1.3636	-30.8232	-0.6372	0.0004	0	0.0005	-0.7241
NE+7.50	C21	304	Psup	1.5909	-30.8232	-0.6372	0.0004	0	0.0004	-0.5793
NE+7.50	C21	304	Psup	1.8182	-30.8232	-0.6372	0.0004	0	0.0003	-0.4345
NE+7.50	C21	304	Psup	2.0455	-30.8232	-0.6372	0.0004	0	0.0002	-0.2896
NE+7.50	C21	304	Psup	2.2727	-30.8232	-0.6372	0.0004	0	0.0001	-0.1448
NE+7.50	C21	304	Psup	2.5	-30.8232	-0.6372	0.0004	0	0	0
NE+7.50	C21	304	Viva.cub	0	-86.7	-0.24	0	0	0	-0.6
NE+7.50	C21	304	Viva.cub	0.2273	-86.7	-0.24	0	0	0	-0.5455
NE+7.50	C21	304	Viva.cub	0.4545	-86.7	-0.24	0	0	0	-0.4909
NE+7.50	C21	304	Viva.cub	0.6818	-86.7	-0.24	0	0	0	-0.4364
NE+7.50	C21	304	Viva.cub	0.9091	-86.7	-0.24	0	0	0	-0.3818
NE+7.50	C21	304	Viva.cub	1.1364	-86.7	-0.24	0	0	0	-0.3273
NE+7.50	C21	304	Viva.cub	1.3636	-86.7	-0.24	0	0	0	-0.2727
NE+7.50	C21	304	Viva.cub	1.5909	-86.7	-0.24	0	0	0	-0.2182
NE+7.50	C21	304	Viva.cub	1.8182	-86.7	-0.24	0	0	0	-0.1636
NE+7.50	C21	304	Viva.cub	2.0455	-86.7	-0.24	0	0	0	-0.1091
NE+7.50	C21	304	Viva.cub	2.2727	-86.7	-0.24	0	0	0	-0.0545
NE+7.50	C21	304	Viva.cub	2.5	-86.7	-0.24	0	0	0	0
NE+7.50	C21	304	DISX-COMB Max	0	0	32.6599	14.313	0	35.7826	81.6498
NE+7.50	C21	304	DISX-COMB Max	0.2273	0	32.6599	14.313	0	32.5296	74.2271
NE+7.50	C21	304	DISX-COMB Max	0.4545	0	32.6599	14.313	0	29.2767	66.8044
NE+7.50	C21	304	DISX-COMB Max	0.6818	0	32.6599	14.313	0	26.0237	59.3817
NE+7.50	C21	304	DISX-COMB Max	0.9091	0	32.6599	14.313	0	22.7707	51.959
NE+7.50	C21	304	DISX-COMB Max	1.1364	0	32.6599	14.313	0	19.5178	44.5363
NE+7.50	C21	304	DISX-COMB Max	1.3636	0	32.6599	14.313	0	16.2648	37.1136
NE+7.50	C21	304	DISX-COMB Max	1.5909	0	32.6599	14.313	0	13.0119	29.6908
NE+7.50	C21	304	DISX-COMB Max	1.8182	0	32.6599	14.313	0	9.7589	22.2681
NE+7.50	C21	304	DISX-COMB Max	2.0455	0	32.6599	14.313	0	6.5059	14.8454
NE+7.50	C21	304	DISX-COMB Max	2.2727	0	32.6599	14.313	0	3.253	7.4227
NE+7.50	C21	304	DISX-COMB Max	2.5	0	32.6599	14.313	0	0	0
NE+7.50	C21	304	DISY-COMB Max	0	0	2.4251	48.6286	0	121.5715	6.0628
NE+7.50	C21	304	DISY-COMB Max	0.2273	0	2.4251	48.6286	0	110.5196	5.5116
NE+7.50	C21	304	DISY-COMB Max	0.4545	0	2.4251	48.6286	0	99.4676	4.9604
NE+7.50	C21	304	DISY-COMB Max	0.6818	0	2.4251	48.6286	0	88.4156	4.4093
NE+7.50	C21	304	DISY-COMB Max	0.9091	0	2.4251	48.6286	0	77.3637	3.8581
NE+7.50	C21	304	DISY-COMB Max	1.1364	0	2.4251	48.6286	0	66.3117	3.307

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C21	304	DISY-COMB Max	1.3636	0	2.4251	48.6286	0	55.2598	2.7558
NE+7.50	C21	304	DISY-COMB Max	1.5909	0	2.4251	48.6286	0	44.2078	2.2046
NE+7.50	C21	304	DISY-COMB Max	1.8182	0	2.4251	48.6286	0	33.1559	1.6535
NE+7.50	C21	304	DISY-COMB Max	2.0455	0	2.4251	48.6286	0	22.1039	1.1023
NE+7.50	C21	304	DISY-COMB Max	2.2727	0	2.4251	48.6286	0	11.052	0.5512
NE+7.50	C21	304	DISY-COMB Max	2.5	0	2.4251	48.6286	0	0	0
NE+7.50	C21	304	B241	0	-63.7064	-0.826	0.0006	0	0.0014	-2.065
NE+7.50	C21	304	B241	0.2273	-61.5473	-0.826	0.0006	0	0.0013	-1.8773
NE+7.50	C21	304	B241	0.4545	-59.3882	-0.826	0.0006	0	0.0011	-1.6895
NE+7.50	C21	304	B241	0.6818	-57.229	-0.826	0.0006	0	0.001	-1.5018
NE+7.50	C21	304	B241	0.9091	-55.0699	-0.826	0.0006	0	0.0009	-1.3141
NE+7.50	C21	304	B241	1.1364	-52.9108	-0.826	0.0006	0	0.0008	-1.1264
NE+7.50	C21	304	B241	1.3636	-50.7517	-0.826	0.0006	0	0.0006	-0.9386
NE+7.50	C21	304	B241	1.5909	-48.5925	-0.826	0.0006	0	0.0005	-0.7509
NE+7.50	C21	304	B241	1.8182	-46.4334	-0.826	0.0006	0	0.0004	-0.5632
NE+7.50	C21	304	B241	2.0455	-44.2743	-0.826	0.0006	0	0.0003	-0.3755
NE+7.50	C21	304	B241	2.2727	-42.1151	-0.826	0.0006	0	0.0001	-0.1877
NE+7.50	C21	304	B241	2.5	-39.956	-0.826	0.0006	0	0	0
NE+7.50	C21	304	B242	0	-97.9555	-0.828	0.0005	0	0.0012	-2.07
NE+7.50	C21	304	B242	0.2273	-96.1048	-0.828	0.0005	0	0.0011	-1.8818
NE+7.50	C21	304	B242	0.4545	-94.2542	-0.828	0.0005	0	0.001	-1.6936
NE+7.50	C21	304	B242	0.6818	-92.4035	-0.828	0.0005	0	0.0009	-1.5055
NE+7.50	C21	304	B242	0.9091	-90.5528	-0.828	0.0005	0	0.0008	-1.3173
NE+7.50	C21	304	B242	1.1364	-88.7021	-0.828	0.0005	0	0.0007	-1.1291
NE+7.50	C21	304	B242	1.3636	-86.8514	-0.828	0.0005	0	0.0005	-0.9409
NE+7.50	C21	304	B242	1.5909	-85.0007	-0.828	0.0005	0	0.0004	-0.7527
NE+7.50	C21	304	B242	1.8182	-83.1501	-0.828	0.0005	0	0.0003	-0.5645
NE+7.50	C21	304	B242	2.0455	-81.2994	-0.828	0.0005	0	0.0002	-0.3764
NE+7.50	C21	304	B242	2.2727	-79.4487	-0.828	0.0005	0	0.0001	-0.1882
NE+7.50	C21	304	B242	2.5	-77.598	-0.828	0.0005	0	0	0
NE+7.50	C22	319	Pprop	0	-18.954	0	0	0	0	0
NE+7.50	C22	319	Pprop	0.2273	-17.2309	0	0	0	0	0
NE+7.50	C22	319	Pprop	0.4545	-15.5078	0	0	0	0	0
NE+7.50	C22	319	Pprop	0.6818	-13.7847	0	0	0	0	0
NE+7.50	C22	319	Pprop	0.9091	-12.0616	0	0	0	0	0
NE+7.50	C22	319	Pprop	1.1364	-10.3385	0	0	0	0	0
NE+7.50	C22	319	Pprop	1.3636	-8.6155	0	0	0	0	0
NE+7.50	C22	319	Pprop	1.5909	-6.8924	0	0	0	0	0
NE+7.50	C22	319	Pprop	1.8182	-5.1693	0	0	0	0	0
NE+7.50	C22	319	Pprop	2.0455	-3.4462	0	0	0	0	0
NE+7.50	C22	319	Pprop	2.2727	-1.7231	0	0	0	0	0
NE+7.50	C22	319	Pprop	2.5	0	0	0	0	0	0
NE+7.50	C22	319	Viva	0	0	0	0	0	0	0
NE+7.50	C22	319	Viva	0.2273	0	0	0	0	0	0
NE+7.50	C22	319	Viva	0.4545	0	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C22	319	Viva	0.6818	0	0	0	0	0	0
NE+7.50	C22	319	Viva	0.9091	0	0	0	0	0	0
NE+7.50	C22	319	Viva	1.1364	0	0	0	0	0	0
NE+7.50	C22	319	Viva	1.3636	0	0	0	0	0	0
NE+7.50	C22	319	Viva	1.5909	0	0	0	0	0	0
NE+7.50	C22	319	Viva	1.8182	0	0	0	0	0	0
NE+7.50	C22	319	Viva	2.0455	0	0	0	0	0	0
NE+7.50	C22	319	Viva	2.2727	0	0	0	0	0	0
NE+7.50	C22	319	Viva	2.5	0	0	0	0	0	0
NE+7.50	C22	319	Psup	0	-30.672	0.1331	0	0	0	0.3326
NE+7.50	C22	319	Psup	0.2273	-30.672	0.1331	0	0	0	0.3024
NE+7.50	C22	319	Psup	0.4545	-30.672	0.1331	0	0	0	0.2722
NE+7.50	C22	319	Psup	0.6818	-30.672	0.1331	0	0	0	0.2419
NE+7.50	C22	319	Psup	0.9091	-30.672	0.1331	0	0	0	0.2117
NE+7.50	C22	319	Psup	1.1364	-30.672	0.1331	0	0	0	0.1814
NE+7.50	C22	319	Psup	1.3636	-30.672	0.1331	0	0	0	0.1512
NE+7.50	C22	319	Psup	1.5909	-30.672	0.1331	0	0	0	0.121
NE+7.50	C22	319	Psup	1.8182	-30.672	0.1331	0	0	0	0.0907
NE+7.50	C22	319	Psup	2.0455	-30.672	0.1331	0	0	0	0.0605
NE+7.50	C22	319	Psup	2.2727	-30.672	0.1331	0	0	0	0.0302
NE+7.50	C22	319	Psup	2.5	-30.672	0.1331	0	0	0	0
NE+7.50	C22	319	Viva.cub	0	-87.25	-0.0975	-0.0002	0	-0.0005	-0.2438
NE+7.50	C22	319	Viva.cub	0.2273	-87.25	-0.0975	-0.0002	0	-0.0005	-0.2216
NE+7.50	C22	319	Viva.cub	0.4545	-87.25	-0.0975	-0.0002	0	-0.0004	-0.1994
NE+7.50	C22	319	Viva.cub	0.6818	-87.25	-0.0975	-0.0002	0	-0.0004	-0.1773
NE+7.50	C22	319	Viva.cub	0.9091	-87.25	-0.0975	-0.0002	0	-0.0003	-0.1551
NE+7.50	C22	319	Viva.cub	1.1364	-87.25	-0.0975	-0.0002	0	-0.0003	-0.133
NE+7.50	C22	319	Viva.cub	1.3636	-87.25	-0.0975	-0.0002	0	-0.0002	-0.1108
NE+7.50	C22	319	Viva.cub	1.5909	-87.25	-0.0975	-0.0002	0	-0.0002	-0.0886
NE+7.50	C22	319	Viva.cub	1.8182	-87.25	-0.0975	-0.0002	0	-0.0001	-0.0665
NE+7.50	C22	319	Viva.cub	2.0455	-87.25	-0.0975	-0.0002	0	-0.0001	-0.0443
NE+7.50	C22	319	Viva.cub	2.2727	-87.25	-0.0975	-0.0002	0	-4.545E-05	-0.0222
NE+7.50	C22	319	Viva.cub	2.5	-87.25	-0.0975	-0.0002	0	0	0
NE+7.50	C22	319	DISX-COMB Max	0	0	34.5539	4.4809	0	11.2022	86.3849
NE+7.50	C22	319	DISX-COMB Max	0.2273	0	34.5539	4.4809	0	10.1838	78.5317
NE+7.50	C22	319	DISX-COMB Max	0.4545	0	34.5539	4.4809	0	9.1654	70.6785
NE+7.50	C22	319	DISX-COMB Max	0.6818	0	34.5539	4.4809	0	8.147	62.8254
NE+7.50	C22	319	DISX-COMB Max	0.9091	0	34.5539	4.4809	0	7.1287	54.9722
NE+7.50	C22	319	DISX-COMB Max	1.1364	0	34.5539	4.4809	0	6.1103	47.119
NE+7.50	C22	319	DISX-COMB Max	1.3636	0	34.5539	4.4809	0	5.0919	39.2659
NE+7.50	C22	319	DISX-COMB Max	1.5909	0	34.5539	4.4809	0	4.0735	31.4127
NE+7.50	C22	319	DISX-COMB Max	1.8182	0	34.5539	4.4809	0	3.0551	23.5595
NE+7.50	C22	319	DISX-COMB Max	2.0455	0	34.5539	4.4809	0	2.0368	15.7063
NE+7.50	C22	319	DISX-COMB Max	2.2727	0	34.5539	4.4809	0	1.0184	7.8532
NE+7.50	C22	319	DISX-COMB Max	2.5	0	34.5539	4.4809	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C22	319	DISY-COMB Max	0	0	2.5784	41.4099	0	103.5248	6.446
NE+7.50	C22	319	DISY-COMB Max	0.2273	0	2.5784	41.4099	0	94.1134	5.86
NE+7.50	C22	319	DISY-COMB Max	0.4545	0	2.5784	41.4099	0	84.7021	5.274
NE+7.50	C22	319	DISY-COMB Max	0.6818	0	2.5784	41.4099	0	75.2907	4.688
NE+7.50	C22	319	DISY-COMB Max	0.9091	0	2.5784	41.4099	0	65.8794	4.102
NE+7.50	C22	319	DISY-COMB Max	1.1364	0	2.5784	41.4099	0	56.4681	3.516
NE+7.50	C22	319	DISY-COMB Max	1.3636	0	2.5784	41.4099	0	47.0567	2.93
NE+7.50	C22	319	DISY-COMB Max	1.5909	0	2.5784	41.4099	0	37.6454	2.344
NE+7.50	C22	319	DISY-COMB Max	1.8182	0	2.5784	41.4099	0	28.234	1.758
NE+7.50	C22	319	DISY-COMB Max	2.0455	0	2.5784	41.4099	0	18.8227	1.172
NE+7.50	C22	319	DISY-COMB Max	2.2727	0	2.5784	41.4099	0	9.4113	0.586
NE+7.50	C22	319	DISY-COMB Max	2.5	0	2.5784	41.4099	0	0	0
NE+7.50	C22	319	B241	0	-64.33	0.1725	0	0	0	0.4312
NE+7.50	C22	319	B241	0.2273	-62.0964	0.1725	0	0	0	0.392
NE+7.50	C22	319	B241	0.4545	-59.8627	0.1725	0	0	0	0.3528
NE+7.50	C22	319	B241	0.6818	-57.6291	0.1725	0	0	0	0.3136
NE+7.50	C22	319	B241	0.9091	-55.3955	0.1725	0	0	0	0.2744
NE+7.50	C22	319	B241	1.1364	-53.1618	0.1725	0	0	0	0.2352
NE+7.50	C22	319	B241	1.3636	-50.9282	0.1725	0	0	0	0.196
NE+7.50	C22	319	B241	1.5909	-48.6945	0.1725	0	0	0	0.1568
NE+7.50	C22	319	B241	1.8182	-46.4609	0.1725	0	0	0	0.1176
NE+7.50	C22	319	B241	2.0455	-44.2273	0.1725	0	0	0	0.0784
NE+7.50	C22	319	B241	2.2727	-41.9936	0.1725	0	0	0	0.0392
NE+7.50	C22	319	B241	2.5	-39.76	0.1725	0	0	0	0
NE+7.50	C22	319	B242	0	-98.765	0.0991	-0.0001	0	-0.0003	0.2477
NE+7.50	C22	319	B242	0.2273	-96.8505	0.0991	-0.0001	0	-0.0002	0.2252
NE+7.50	C22	319	B242	0.4545	-94.9359	0.0991	-0.0001	0	-0.0002	0.2027
NE+7.50	C22	319	B242	0.6818	-93.0214	0.0991	-0.0001	0	-0.0002	0.1802
NE+7.50	C22	319	B242	0.9091	-91.1068	0.0991	-0.0001	0	-0.0002	0.1576
NE+7.50	C22	319	B242	1.1364	-89.1923	0.0991	-0.0001	0	-0.0001	0.1351
NE+7.50	C22	319	B242	1.3636	-87.2777	0.0991	-0.0001	0	-0.0001	0.1126
NE+7.50	C22	319	B242	1.5909	-85.3632	0.0991	-0.0001	0	-0.0001	0.0901
NE+7.50	C22	319	B242	1.8182	-83.4486	0.0991	-0.0001	0	-0.0001	0.0676
NE+7.50	C22	319	B242	2.0455	-81.5341	0.0991	-0.0001	0	-4.545E-05	0.045
NE+7.50	C22	319	B242	2.2727	-79.6195	0.0991	-0.0001	0	-2.273E-05	0.0225
NE+7.50	C22	319	B242	2.5	-77.705	0.0991	-0.0001	0	0	0
NE+7.50	C35	294	Pprop	0	-18.954	0	0	0	0	0
NE+7.50	C35	294	Pprop	0.2273	-17.2309	0	0	0	0	0
NE+7.50	C35	294	Pprop	0.4545	-15.5078	0	0	0	0	0
NE+7.50	C35	294	Pprop	0.6818	-13.7847	0	0	0	0	0
NE+7.50	C35	294	Pprop	0.9091	-12.0616	0	0	0	0	0
NE+7.50	C35	294	Pprop	1.1364	-10.3385	0	0	0	0	0
NE+7.50	C35	294	Pprop	1.3636	-8.6155	0	0	0	0	0
NE+7.50	C35	294	Pprop	1.5909	-6.8924	0	0	0	0	0
NE+7.50	C35	294	Pprop	1.8182	-5.1693	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C35	294	Pprop	2.0455	-3.4462	0	0	0	0	0
NE+7.50	C35	294	Pprop	2.2727	-1.7231	0	0	0	0	0
NE+7.50	C35	294	Pprop	2.5	0	0	0	0	0	0
NE+7.50	C35	294	Viva	0	0	0	0	0	0	0
NE+7.50	C35	294	Viva	0.2273	0	0	0	0	0	0
NE+7.50	C35	294	Viva	0.4545	0	0	0	0	0	0
NE+7.50	C35	294	Viva	0.6818	0	0	0	0	0	0
NE+7.50	C35	294	Viva	0.9091	0	0	0	0	0	0
NE+7.50	C35	294	Viva	1.1364	0	0	0	0	0	0
NE+7.50	C35	294	Viva	1.3636	0	0	0	0	0	0
NE+7.50	C35	294	Viva	1.5909	0	0	0	0	0	0
NE+7.50	C35	294	Viva	1.8182	0	0	0	0	0	0
NE+7.50	C35	294	Viva	2.0455	0	0	0	0	0	0
NE+7.50	C35	294	Viva	2.2727	0	0	0	0	0	0
NE+7.50	C35	294	Viva	2.5	0	0	0	0	0	0
NE+7.50	C35	294	Psup	0	-16.1784	0	0	0	0	0
NE+7.50	C35	294	Psup	0.2273	-16.1784	0	0	0	0	0
NE+7.50	C35	294	Psup	0.4545	-16.1784	0	0	0	0	0
NE+7.50	C35	294	Psup	0.6818	-16.1784	0	0	0	0	0
NE+7.50	C35	294	Psup	0.9091	-16.1784	0	0	0	0	0
NE+7.50	C35	294	Psup	1.1364	-16.1784	0	0	0	0	0
NE+7.50	C35	294	Psup	1.3636	-16.1784	0	0	0	0	0
NE+7.50	C35	294	Psup	1.5909	-16.1784	0	0	0	0	0
NE+7.50	C35	294	Psup	1.8182	-16.1784	0	0	0	0	0
NE+7.50	C35	294	Psup	2.0455	-16.1784	0	0	0	0	0
NE+7.50	C35	294	Psup	2.2727	-16.1784	0	0	0	0	0
NE+7.50	C35	294	Psup	2.5	-16.1784	0	0	0	0	0
NE+7.50	C35	294	Viva.cub	0	-32.92	0	0	0	0	0
NE+7.50	C35	294	Viva.cub	0.2273	-32.92	0	0	0	0	0
NE+7.50	C35	294	Viva.cub	0.4545	-32.92	0	0	0	0	0
NE+7.50	C35	294	Viva.cub	0.6818	-32.92	0	0	0	0	0
NE+7.50	C35	294	Viva.cub	0.9091	-32.92	0	0	0	0	0
NE+7.50	C35	294	Viva.cub	1.1364	-32.92	0	0	0	0	0
NE+7.50	C35	294	Viva.cub	1.3636	-32.92	0	0	0	0	0
NE+7.50	C35	294	Viva.cub	1.5909	-32.92	0	0	0	0	0
NE+7.50	C35	294	Viva.cub	1.8182	-32.92	0	0	0	0	0
NE+7.50	C35	294	Viva.cub	2.0455	-32.92	0	0	0	0	0
NE+7.50	C35	294	Viva.cub	2.2727	-32.92	0	0	0	0	0
NE+7.50	C35	294	Viva.cub	2.5	-32.92	0	0	0	0	0
NE+7.50	C35	294	DISX-COMB Max	0	0	25.6282	15.2034	0	38.0085	64.0705
NE+7.50	C35	294	DISX-COMB Max	0.2273	0	25.6282	15.2034	0	34.5532	58.2459
NE+7.50	C35	294	DISX-COMB Max	0.4545	0	25.6282	15.2034	0	31.0979	52.4213
NE+7.50	C35	294	DISX-COMB Max	0.6818	0	25.6282	15.2034	0	27.6426	46.5967
NE+7.50	C35	294	DISX-COMB Max	0.9091	0	25.6282	15.2034	0	24.1872	40.7721
NE+7.50	C35	294	DISX-COMB Max	1.1364	0	25.6282	15.2034	0	20.7319	34.9475

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C35	294	DISX-COMB Max	1.3636	0	25.6282	15.2034	0	17.2766	29.1229
NE+7.50	C35	294	DISX-COMB Max	1.5909	0	25.6282	15.2034	0	13.8213	23.2983
NE+7.50	C35	294	DISX-COMB Max	1.8182	0	25.6282	15.2034	0	10.366	17.4738
NE+7.50	C35	294	DISX-COMB Max	2.0455	0	25.6282	15.2034	0	6.9106	11.6492
NE+7.50	C35	294	DISX-COMB Max	2.2727	0	25.6282	15.2034	0	3.4553	5.8246
NE+7.50	C35	294	DISX-COMB Max	2.5	0	25.6282	15.2034	0	0	0
NE+7.50	C35	294	DISY-COMB Max	0	0	0.9599	28.3654	0	70.9136	2.3997
NE+7.50	C35	294	DISY-COMB Max	0.2273	0	0.9599	28.3654	0	64.4669	2.1815
NE+7.50	C35	294	DISY-COMB Max	0.4545	0	0.9599	28.3654	0	58.0202	1.9634
NE+7.50	C35	294	DISY-COMB Max	0.6818	0	0.9599	28.3654	0	51.5735	1.7452
NE+7.50	C35	294	DISY-COMB Max	0.9091	0	0.9599	28.3654	0	45.1268	1.5271
NE+7.50	C35	294	DISY-COMB Max	1.1364	0	0.9599	28.3654	0	38.6801	1.3089
NE+7.50	C35	294	DISY-COMB Max	1.3636	0	0.9599	28.3654	0	32.2334	1.0908
NE+7.50	C35	294	DISY-COMB Max	1.5909	0	0.9599	28.3654	0	25.7867	0.8726
NE+7.50	C35	294	DISY-COMB Max	1.8182	0	0.9599	28.3654	0	19.3401	0.6545
NE+7.50	C35	294	DISY-COMB Max	2.0455	0	0.9599	28.3654	0	12.8934	0.4363
NE+7.50	C35	294	DISY-COMB Max	2.2727	0	0.9599	28.3654	0	6.4467	0.2182
NE+7.50	C35	294	DISY-COMB Max	2.5	0	0.9599	28.3654	0	0	0
NE+7.50	C35	294	B241	0	-45.542	0	0	0	0	0
NE+7.50	C35	294	B241	0.2273	-43.3084	0	0	0	0	0
NE+7.50	C35	294	B241	0.4545	-41.0747	0	0	0	0	0
NE+7.50	C35	294	B241	0.6818	-38.8411	0	0	0	0	0
NE+7.50	C35	294	B241	0.9091	-36.6075	0	0	0	0	0
NE+7.50	C35	294	B241	1.1364	-34.3738	0	0	0	0	0
NE+7.50	C35	294	B241	1.3636	-32.1402	0	0	0	0	0
NE+7.50	C35	294	B241	1.5909	-29.9065	0	0	0	0	0
NE+7.50	C35	294	B241	1.8182	-27.6729	0	0	0	0	0
NE+7.50	C35	294	B241	2.0455	-25.4393	0	0	0	0	0
NE+7.50	C35	294	B241	2.2727	-23.2056	0	0	0	0	0
NE+7.50	C35	294	B241	2.5	-20.972	0	0	0	0	0
NE+7.50	C35	294	B242	0	-55.496	0	0	0	0	0
NE+7.50	C35	294	B242	0.2273	-53.5815	0	0	0	0	0
NE+7.50	C35	294	B242	0.4545	-51.6669	0	0	0	0	0
NE+7.50	C35	294	B242	0.6818	-49.7524	0	0	0	0	0
NE+7.50	C35	294	B242	0.9091	-47.8378	0	0	0	0	0
NE+7.50	C35	294	B242	1.1364	-45.9233	0	0	0	0	0
NE+7.50	C35	294	B242	1.3636	-44.0087	0	0	0	0	0
NE+7.50	C35	294	B242	1.5909	-42.0942	0	0	0	0	0
NE+7.50	C35	294	B242	1.8182	-40.1796	0	0	0	0	0
NE+7.50	C35	294	B242	2.0455	-38.2651	0	0	0	0	0
NE+7.50	C35	294	B242	2.2727	-36.3505	0	0	0	0	0
NE+7.50	C35	294	B242	2.5	-34.436	0	0	0	0	0
NE+7.50	C36	299	Pprop	0	-18.954	0	0	0	0	0
NE+7.50	C36	299	Pprop	0.2273	-17.2309	0	0	0	0	0
NE+7.50	C36	299	Pprop	0.4545	-15.5078	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C36	299	Pprop	0.6818	-13.7847	0	0	0	0	0
NE+7.50	C36	299	Pprop	0.9091	-12.0616	0	0	0	0	0
NE+7.50	C36	299	Pprop	1.1364	-10.3385	0	0	0	0	0
NE+7.50	C36	299	Pprop	1.3636	-8.6155	0	0	0	0	0
NE+7.50	C36	299	Pprop	1.5909	-6.8924	0	0	0	0	0
NE+7.50	C36	299	Pprop	1.8182	-5.1693	0	0	0	0	0
NE+7.50	C36	299	Pprop	2.0455	-3.4462	0	0	0	0	0
NE+7.50	C36	299	Pprop	2.2727	-1.7231	0	0	0	0	0
NE+7.50	C36	299	Pprop	2.5	0	0	0	0	0	0
NE+7.50	C36	299	Viva	0	0	0	0	0	0	0
NE+7.50	C36	299	Viva	0.2273	0	0	0	0	0	0
NE+7.50	C36	299	Viva	0.4545	0	0	0	0	0	0
NE+7.50	C36	299	Viva	0.6818	0	0	0	0	0	0
NE+7.50	C36	299	Viva	0.9091	0	0	0	0	0	0
NE+7.50	C36	299	Viva	1.1364	0	0	0	0	0	0
NE+7.50	C36	299	Viva	1.3636	0	0	0	0	0	0
NE+7.50	C36	299	Viva	1.5909	0	0	0	0	0	0
NE+7.50	C36	299	Viva	1.8182	0	0	0	0	0	0
NE+7.50	C36	299	Viva	2.0455	0	0	0	0	0	0
NE+7.50	C36	299	Viva	2.2727	0	0	0	0	0	0
NE+7.50	C36	299	Viva	2.5	0	0	0	0	0	0
NE+7.50	C36	299	Psup	0	-18.5544	0	0	0	0	0
NE+7.50	C36	299	Psup	0.2273	-18.5544	0	0	0	0	0
NE+7.50	C36	299	Psup	0.4545	-18.5544	0	0	0	0	0
NE+7.50	C36	299	Psup	0.6818	-18.5544	0	0	0	0	0
NE+7.50	C36	299	Psup	0.9091	-18.5544	0	0	0	0	0
NE+7.50	C36	299	Psup	1.1364	-18.5544	0	0	0	0	0
NE+7.50	C36	299	Psup	1.3636	-18.5544	0	0	0	0	0
NE+7.50	C36	299	Psup	1.5909	-18.5544	0	0	0	0	0
NE+7.50	C36	299	Psup	1.8182	-18.5544	0	0	0	0	0
NE+7.50	C36	299	Psup	2.0455	-18.5544	0	0	0	0	0
NE+7.50	C36	299	Psup	2.2727	-18.5544	0	0	0	0	0
NE+7.50	C36	299	Psup	2.5	-18.5544	0	0	0	0	0
NE+7.50	C36	299	Viva.cub	0	-32.79	0	0	0	0	0
NE+7.50	C36	299	Viva.cub	0.2273	-32.79	0	0	0	0	0
NE+7.50	C36	299	Viva.cub	0.4545	-32.79	0	0	0	0	0
NE+7.50	C36	299	Viva.cub	0.6818	-32.79	0	0	0	0	0
NE+7.50	C36	299	Viva.cub	0.9091	-32.79	0	0	0	0	0
NE+7.50	C36	299	Viva.cub	1.1364	-32.79	0	0	0	0	0
NE+7.50	C36	299	Viva.cub	1.3636	-32.79	0	0	0	0	0
NE+7.50	C36	299	Viva.cub	1.5909	-32.79	0	0	0	0	0
NE+7.50	C36	299	Viva.cub	1.8182	-32.79	0	0	0	0	0
NE+7.50	C36	299	Viva.cub	2.0455	-32.79	0	0	0	0	0
NE+7.50	C36	299	Viva.cub	2.2727	-32.79	0	0	0	0	0
NE+7.50	C36	299	Viva.cub	2.5	-32.79	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C36	299	DISX-COMB Max	0	0	24.528	10.1135	0	25.2836	61.3201
NE+7.50	C36	299	DISX-COMB Max	0.2273	0	24.528	10.1135	0	22.9851	55.7455
NE+7.50	C36	299	DISX-COMB Max	0.4545	0	24.528	10.1135	0	20.6866	50.171
NE+7.50	C36	299	DISX-COMB Max	0.6818	0	24.528	10.1135	0	18.3881	44.5964
NE+7.50	C36	299	DISX-COMB Max	0.9091	0	24.528	10.1135	0	16.0896	39.0219
NE+7.50	C36	299	DISX-COMB Max	1.1364	0	24.528	10.1135	0	13.7911	33.4473
NE+7.50	C36	299	DISX-COMB Max	1.3636	0	24.528	10.1135	0	11.4926	27.8728
NE+7.50	C36	299	DISX-COMB Max	1.5909	0	24.528	10.1135	0	9.1941	22.2982
NE+7.50	C36	299	DISX-COMB Max	1.8182	0	24.528	10.1135	0	6.8955	16.7237
NE+7.50	C36	299	DISX-COMB Max	2.0455	0	24.528	10.1135	0	4.597	11.1491
NE+7.50	C36	299	DISX-COMB Max	2.2727	0	24.528	10.1135	0	2.2985	5.5746
NE+7.50	C36	299	DISX-COMB Max	2.5	0	24.528	10.1135	0	0	0
NE+7.50	C36	299	DISY-COMB Max	0	0	0.8956	30.2223	0	75.5558	2.2389
NE+7.50	C36	299	DISY-COMB Max	0.2273	0	0.8956	30.2223	0	68.6871	2.0354
NE+7.50	C36	299	DISY-COMB Max	0.4545	0	0.8956	30.2223	0	61.8184	1.8318
NE+7.50	C36	299	DISY-COMB Max	0.6818	0	0.8956	30.2223	0	54.9497	1.6283
NE+7.50	C36	299	DISY-COMB Max	0.9091	0	0.8956	30.2223	0	48.081	1.4248
NE+7.50	C36	299	DISY-COMB Max	1.1364	0	0.8956	30.2223	0	41.2123	1.2212
NE+7.50	C36	299	DISY-COMB Max	1.3636	0	0.8956	30.2223	0	34.3436	1.0177
NE+7.50	C36	299	DISY-COMB Max	1.5909	0	0.8956	30.2223	0	27.4748	0.8141
NE+7.50	C36	299	DISY-COMB Max	1.8182	0	0.8956	30.2223	0	20.6061	0.6106
NE+7.50	C36	299	DISY-COMB Max	2.0455	0	0.8956	30.2223	0	13.7374	0.4071
NE+7.50	C36	299	DISY-COMB Max	2.2727	0	0.8956	30.2223	0	6.8687	0.2035
NE+7.50	C36	299	DISY-COMB Max	2.5	0	0.8956	30.2223	0	0	0
NE+7.50	C36	299	B241	0	-48.622	0	0	0	0	0
NE+7.50	C36	299	B241	0.2273	-46.3884	0	0	0	0	0
NE+7.50	C36	299	B241	0.4545	-44.1547	0	0	0	0	0
NE+7.50	C36	299	B241	0.6818	-41.9211	0	0	0	0	0
NE+7.50	C36	299	B241	0.9091	-39.6875	0	0	0	0	0
NE+7.50	C36	299	B241	1.1364	-37.4538	0	0	0	0	0
NE+7.50	C36	299	B241	1.3636	-35.2202	0	0	0	0	0
NE+7.50	C36	299	B241	1.5909	-32.9865	0	0	0	0	0
NE+7.50	C36	299	B241	1.8182	-30.7529	0	0	0	0	0
NE+7.50	C36	299	B241	2.0455	-28.5193	0	0	0	0	0
NE+7.50	C36	299	B241	2.2727	-26.2856	0	0	0	0	0
NE+7.50	C36	299	B241	2.5	-24.052	0	0	0	0	0
NE+7.50	C36	299	B242	0	-58.071	0	0	0	0	0
NE+7.50	C36	299	B242	0.2273	-56.1565	0	0	0	0	0
NE+7.50	C36	299	B242	0.4545	-54.2419	0	0	0	0	0
NE+7.50	C36	299	B242	0.6818	-52.3274	0	0	0	0	0
NE+7.50	C36	299	B242	0.9091	-50.4128	0	0	0	0	0
NE+7.50	C36	299	B242	1.1364	-48.4983	0	0	0	0	0
NE+7.50	C36	299	B242	1.3636	-46.5837	0	0	0	0	0
NE+7.50	C36	299	B242	1.5909	-44.6692	0	0	0	0	0
NE+7.50	C36	299	B242	1.8182	-42.7546	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C36	299	B242	2.0455	-40.8401	0	0	0	0	0
NE+7.50	C36	299	B242	2.2727	-38.9255	0	0	0	0	0
NE+7.50	C36	299	B242	2.5	-37.011	0	0	0	0	0
NE+7.50	C37	324	Pprop	0	-18.954	0	0	0	0	0
NE+7.50	C37	324	Pprop	0.2273	-17.2309	0	0	0	0	0
NE+7.50	C37	324	Pprop	0.4545	-15.5078	0	0	0	0	0
NE+7.50	C37	324	Pprop	0.6818	-13.7847	0	0	0	0	0
NE+7.50	C37	324	Pprop	0.9091	-12.0616	0	0	0	0	0
NE+7.50	C37	324	Pprop	1.1364	-10.3385	0	0	0	0	0
NE+7.50	C37	324	Pprop	1.3636	-8.6155	0	0	0	0	0
NE+7.50	C37	324	Pprop	1.5909	-6.8924	0	0	0	0	0
NE+7.50	C37	324	Pprop	1.8182	-5.1693	0	0	0	0	0
NE+7.50	C37	324	Pprop	2.0455	-3.4462	0	0	0	0	0
NE+7.50	C37	324	Pprop	2.2727	-1.7231	0	0	0	0	0
NE+7.50	C37	324	Pprop	2.5	0	0	0	0	0	0
NE+7.50	C37	324	Viva	0	0	0	0	0	0	0
NE+7.50	C37	324	Viva	0.2273	0	0	0	0	0	0
NE+7.50	C37	324	Viva	0.4545	0	0	0	0	0	0
NE+7.50	C37	324	Viva	0.6818	0	0	0	0	0	0
NE+7.50	C37	324	Viva	0.9091	0	0	0	0	0	0
NE+7.50	C37	324	Viva	1.1364	0	0	0	0	0	0
NE+7.50	C37	324	Viva	1.3636	0	0	0	0	0	0
NE+7.50	C37	324	Viva	1.5909	0	0	0	0	0	0
NE+7.50	C37	324	Viva	1.8182	0	0	0	0	0	0
NE+7.50	C37	324	Viva	2.0455	0	0	0	0	0	0
NE+7.50	C37	324	Viva	2.2727	0	0	0	0	0	0
NE+7.50	C37	324	Viva	2.5	0	0	0	0	0	0
NE+7.50	C37	324	Psup	0	-18.306	0	0	0	0	0
NE+7.50	C37	324	Psup	0.2273	-18.306	0	0	0	0	0
NE+7.50	C37	324	Psup	0.4545	-18.306	0	0	0	0	0
NE+7.50	C37	324	Psup	0.6818	-18.306	0	0	0	0	0
NE+7.50	C37	324	Psup	0.9091	-18.306	0	0	0	0	0
NE+7.50	C37	324	Psup	1.1364	-18.306	0	0	0	0	0
NE+7.50	C37	324	Psup	1.3636	-18.306	0	0	0	0	0
NE+7.50	C37	324	Psup	1.5909	-18.306	0	0	0	0	0
NE+7.50	C37	324	Psup	1.8182	-18.306	0	0	0	0	0
NE+7.50	C37	324	Psup	2.0455	-18.306	0	0	0	0	0
NE+7.50	C37	324	Psup	2.2727	-18.306	0	0	0	0	0
NE+7.50	C37	324	Psup	2.5	-18.306	0	0	0	0	0
NE+7.50	C37	324	Viva.cub	0	-33.04	0	0	0	0	0
NE+7.50	C37	324	Viva.cub	0.2273	-33.04	0	0	0	0	0
NE+7.50	C37	324	Viva.cub	0.4545	-33.04	0	0	0	0	0
NE+7.50	C37	324	Viva.cub	0.6818	-33.04	0	0	0	0	0
NE+7.50	C37	324	Viva.cub	0.9091	-33.04	0	0	0	0	0
NE+7.50	C37	324	Viva.cub	1.1364	-33.04	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C37	324	Viva.cub	1.3636	-33.04	0	0	0	0	0
NE+7.50	C37	324	Viva.cub	1.5909	-33.04	0	0	0	0	0
NE+7.50	C37	324	Viva.cub	1.8182	-33.04	0	0	0	0	0
NE+7.50	C37	324	Viva.cub	2.0455	-33.04	0	0	0	0	0
NE+7.50	C37	324	Viva.cub	2.2727	-33.04	0	0	0	0	0
NE+7.50	C37	324	Viva.cub	2.5	-33.04	0	0	0	0	0
NE+7.50	C37	324	DISX-COMB Max	0	0	24.6695	3.2149	0	8.0372	61.6736
NE+7.50	C37	324	DISX-COMB Max	0.2273	0	24.6695	3.2149	0	7.3066	56.0669
NE+7.50	C37	324	DISX-COMB Max	0.4545	0	24.6695	3.2149	0	6.5759	50.4603
NE+7.50	C37	324	DISX-COMB Max	0.6818	0	24.6695	3.2149	0	5.8453	44.8536
NE+7.50	C37	324	DISX-COMB Max	0.9091	0	24.6695	3.2149	0	5.1146	39.2469
NE+7.50	C37	324	DISX-COMB Max	1.1364	0	24.6695	3.2149	0	4.3839	33.6402
NE+7.50	C37	324	DISX-COMB Max	1.3636	0	24.6695	3.2149	0	3.6533	28.0335
NE+7.50	C37	324	DISX-COMB Max	1.5909	0	24.6695	3.2149	0	2.9226	22.4268
NE+7.50	C37	324	DISX-COMB Max	1.8182	0	24.6695	3.2149	0	2.192	16.8201
NE+7.50	C37	324	DISX-COMB Max	2.0455	0	24.6695	3.2149	0	1.4613	11.2134
NE+7.50	C37	324	DISX-COMB Max	2.2727	0	24.6695	3.2149	0	0.7307	5.6067
NE+7.50	C37	324	DISX-COMB Max	2.5	0	24.6695	3.2149	0	0	0
NE+7.50	C37	324	DISY-COMB Max	0	0	0.8671	28.8586	0	72.1466	2.1678
NE+7.50	C37	324	DISY-COMB Max	0.2273	0	0.8671	28.8586	0	65.5878	1.9708
NE+7.50	C37	324	DISY-COMB Max	0.4545	0	0.8671	28.8586	0	59.029	1.7737
NE+7.50	C37	324	DISY-COMB Max	0.6818	0	0.8671	28.8586	0	52.4703	1.5766
NE+7.50	C37	324	DISY-COMB Max	0.9091	0	0.8671	28.8586	0	45.9115	1.3795
NE+7.50	C37	324	DISY-COMB Max	1.1364	0	0.8671	28.8586	0	39.3527	1.1825
NE+7.50	C37	324	DISY-COMB Max	1.3636	0	0.8671	28.8586	0	32.7939	0.9854
NE+7.50	C37	324	DISY-COMB Max	1.5909	0	0.8671	28.8586	0	26.2351	0.7883
NE+7.50	C37	324	DISY-COMB Max	1.8182	0	0.8671	28.8586	0	19.6763	0.5912
NE+7.50	C37	324	DISY-COMB Max	2.0455	0	0.8671	28.8586	0	13.1176	0.3942
NE+7.50	C37	324	DISY-COMB Max	2.2727	0	0.8671	28.8586	0	6.5588	0.1971
NE+7.50	C37	324	DISY-COMB Max	2.5	0	0.8671	28.8586	0	0	0
NE+7.50	C37	324	B241	0	-48.3	0	0	0	0	0
NE+7.50	C37	324	B241	0.2273	-46.0664	0	0	0	0	0
NE+7.50	C37	324	B241	0.4545	-43.8327	0	0	0	0	0
NE+7.50	C37	324	B241	0.6818	-41.5991	0	0	0	0	0
NE+7.50	C37	324	B241	0.9091	-39.3655	0	0	0	0	0
NE+7.50	C37	324	B241	1.1364	-37.1318	0	0	0	0	0
NE+7.50	C37	324	B241	1.3636	-34.8982	0	0	0	0	0
NE+7.50	C37	324	B241	1.5909	-32.6645	0	0	0	0	0
NE+7.50	C37	324	B241	1.8182	-30.4309	0	0	0	0	0
NE+7.50	C37	324	B241	2.0455	-28.1973	0	0	0	0	0
NE+7.50	C37	324	B241	2.2727	-25.9636	0	0	0	0	0
NE+7.50	C37	324	B241	2.5	-23.73	0	0	0	0	0
NE+7.50	C37	324	B242	0	-57.92	0	0	0	0	0
NE+7.50	C37	324	B242	0.2273	-56.0055	0	0	0	0	0
NE+7.50	C37	324	B242	0.4545	-54.0909	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C37	324	B242	0.6818	-52.1764	0	0	0	0	0
NE+7.50	C37	324	B242	0.9091	-50.2618	0	0	0	0	0
NE+7.50	C37	324	B242	1.1364	-48.3473	0	0	0	0	0
NE+7.50	C37	324	B242	1.3636	-46.4327	0	0	0	0	0
NE+7.50	C37	324	B242	1.5909	-44.5182	0	0	0	0	0
NE+7.50	C37	324	B242	1.8182	-42.6036	0	0	0	0	0
NE+7.50	C37	324	B242	2.0455	-40.6891	0	0	0	0	0
NE+7.50	C37	324	B242	2.2727	-38.7745	0	0	0	0	0
NE+7.50	C37	324	B242	2.5	-36.86	0	0	0	0	0
NE+7.50	C26	329	Pprop	0	-18.954	0	0	0	0	0
NE+7.50	C26	329	Pprop	0.2273	-17.2309	0	0	0	0	0
NE+7.50	C26	329	Pprop	0.4545	-15.5078	0	0	0	0	0
NE+7.50	C26	329	Pprop	0.6818	-13.7847	0	0	0	0	0
NE+7.50	C26	329	Pprop	0.9091	-12.0616	0	0	0	0	0
NE+7.50	C26	329	Pprop	1.1364	-10.3385	0	0	0	0	0
NE+7.50	C26	329	Pprop	1.3636	-8.6155	0	0	0	0	0
NE+7.50	C26	329	Pprop	1.5909	-6.8924	0	0	0	0	0
NE+7.50	C26	329	Pprop	1.8182	-5.1693	0	0	0	0	0
NE+7.50	C26	329	Pprop	2.0455	-3.4462	0	0	0	0	0
NE+7.50	C26	329	Pprop	2.2727	-1.7231	0	0	0	0	0
NE+7.50	C26	329	Pprop	2.5	0	0	0	0	0	0
NE+7.50	C26	329	Viva	0	0	0	0	0	0	0
NE+7.50	C26	329	Viva	0.2273	0	0	0	0	0	0
NE+7.50	C26	329	Viva	0.4545	0	0	0	0	0	0
NE+7.50	C26	329	Viva	0.6818	0	0	0	0	0	0
NE+7.50	C26	329	Viva	0.9091	0	0	0	0	0	0
NE+7.50	C26	329	Viva	1.1364	0	0	0	0	0	0
NE+7.50	C26	329	Viva	1.3636	0	0	0	0	0	0
NE+7.50	C26	329	Viva	1.5909	0	0	0	0	0	0
NE+7.50	C26	329	Viva	1.8182	0	0	0	0	0	0
NE+7.50	C26	329	Viva	2.0455	0	0	0	0	0	0
NE+7.50	C26	329	Viva	2.2727	0	0	0	0	0	0
NE+7.50	C26	329	Viva	2.5	0	0	0	0	0	0
NE+7.50	C26	329	Psup	0	-17.7012	0	0	0	0	0
NE+7.50	C26	329	Psup	0.2273	-17.7012	0	0	0	0	0
NE+7.50	C26	329	Psup	0.4545	-17.7012	0	0	0	0	0
NE+7.50	C26	329	Psup	0.6818	-17.7012	0	0	0	0	0
NE+7.50	C26	329	Psup	0.9091	-17.7012	0	0	0	0	0
NE+7.50	C26	329	Psup	1.1364	-17.7012	0	0	0	0	0
NE+7.50	C26	329	Psup	1.3636	-17.7012	0	0	0	0	0
NE+7.50	C26	329	Psup	1.5909	-17.7012	0	0	0	0	0
NE+7.50	C26	329	Psup	1.8182	-17.7012	0	0	0	0	0
NE+7.50	C26	329	Psup	2.0455	-17.7012	0	0	0	0	0
NE+7.50	C26	329	Psup	2.2727	-17.7012	0	0	0	0	0
NE+7.50	C26	329	Psup	2.5	-17.7012	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C26	329	Viva.cub	0	-32.72	0	0	0	0	0
NE+7.50	C26	329	Viva.cub	0.2273	-32.72	0	0	0	0	0
NE+7.50	C26	329	Viva.cub	0.4545	-32.72	0	0	0	0	0
NE+7.50	C26	329	Viva.cub	0.6818	-32.72	0	0	0	0	0
NE+7.50	C26	329	Viva.cub	0.9091	-32.72	0	0	0	0	0
NE+7.50	C26	329	Viva.cub	1.1364	-32.72	0	0	0	0	0
NE+7.50	C26	329	Viva.cub	1.3636	-32.72	0	0	0	0	0
NE+7.50	C26	329	Viva.cub	1.5909	-32.72	0	0	0	0	0
NE+7.50	C26	329	Viva.cub	1.8182	-32.72	0	0	0	0	0
NE+7.50	C26	329	Viva.cub	2.0455	-32.72	0	0	0	0	0
NE+7.50	C26	329	Viva.cub	2.2727	-32.72	0	0	0	0	0
NE+7.50	C26	329	Viva.cub	2.5	-32.72	0	0	0	0	0
NE+7.50	C26	329	DISX-COMB Max	0	0	23.7413	4.0184	0	10.046	59.3532
NE+7.50	C26	329	DISX-COMB Max	0.2273	0	23.7413	4.0184	0	9.1327	53.9575
NE+7.50	C26	329	DISX-COMB Max	0.4545	0	23.7413	4.0184	0	8.2195	48.5617
NE+7.50	C26	329	DISX-COMB Max	0.6818	0	23.7413	4.0184	0	7.3062	43.166
NE+7.50	C26	329	DISX-COMB Max	0.9091	0	23.7413	4.0184	0	6.3929	37.7702
NE+7.50	C26	329	DISX-COMB Max	1.1364	0	23.7413	4.0184	0	5.4796	32.3745
NE+7.50	C26	329	DISX-COMB Max	1.3636	0	23.7413	4.0184	0	4.5664	26.9787
NE+7.50	C26	329	DISX-COMB Max	1.5909	0	23.7413	4.0184	0	3.6531	21.583
NE+7.50	C26	329	DISX-COMB Max	1.8182	0	23.7413	4.0184	0	2.7398	16.1872
NE+7.50	C26	329	DISX-COMB Max	2.0455	0	23.7413	4.0184	0	1.8265	10.7915
NE+7.50	C26	329	DISX-COMB Max	2.2727	0	23.7413	4.0184	0	0.9133	5.3957
NE+7.50	C26	329	DISX-COMB Max	2.5	0	23.7413	4.0184	0	0	0
NE+7.50	C26	329	DISY-COMB Max	0	0	0.8638	27.3328	0	68.332	2.1594
NE+7.50	C26	329	DISY-COMB Max	0.2273	0	0.8638	27.3328	0	62.12	1.9631
NE+7.50	C26	329	DISY-COMB Max	0.4545	0	0.8638	27.3328	0	55.908	1.7668
NE+7.50	C26	329	DISY-COMB Max	0.6818	0	0.8638	27.3328	0	49.696	1.5705
NE+7.50	C26	329	DISY-COMB Max	0.9091	0	0.8638	27.3328	0	43.484	1.3742
NE+7.50	C26	329	DISY-COMB Max	1.1364	0	0.8638	27.3328	0	37.272	1.1779
NE+7.50	C26	329	DISY-COMB Max	1.3636	0	0.8638	27.3328	0	31.06	0.9816
NE+7.50	C26	329	DISY-COMB Max	1.5909	0	0.8638	27.3328	0	24.848	0.7852
NE+7.50	C26	329	DISY-COMB Max	1.8182	0	0.8638	27.3328	0	18.636	0.5889
NE+7.50	C26	329	DISY-COMB Max	2.0455	0	0.8638	27.3328	0	12.424	0.3926
NE+7.50	C26	329	DISY-COMB Max	2.2727	0	0.8638	27.3328	0	6.212	0.1963
NE+7.50	C26	329	DISY-COMB Max	2.5	0	0.8638	27.3328	0	0	0
NE+7.50	C26	329	B241	0	-47.516	0	0	0	0	0
NE+7.50	C26	329	B241	0.2273	-45.2824	0	0	0	0	0
NE+7.50	C26	329	B241	0.4545	-43.0487	0	0	0	0	0
NE+7.50	C26	329	B241	0.6818	-40.8151	0	0	0	0	0
NE+7.50	C26	329	B241	0.9091	-38.5815	0	0	0	0	0
NE+7.50	C26	329	B241	1.1364	-36.3478	0	0	0	0	0
NE+7.50	C26	329	B241	1.3636	-34.1142	0	0	0	0	0
NE+7.50	C26	329	B241	1.5909	-31.8805	0	0	0	0	0
NE+7.50	C26	329	B241	1.8182	-29.6469	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C26	329	B241	2.0455	-27.4133	0	0	0	0	0
NE+7.50	C26	329	B241	2.2727	-25.1796	0	0	0	0	0
NE+7.50	C26	329	B241	2.5	-22.946	0	0	0	0	0
NE+7.50	C26	329	B242	0	-57.088	0	0	0	0	0
NE+7.50	C26	329	B242	0.2273	-55.1735	0	0	0	0	0
NE+7.50	C26	329	B242	0.4545	-53.2589	0	0	0	0	0
NE+7.50	C26	329	B242	0.6818	-51.3444	0	0	0	0	0
NE+7.50	C26	329	B242	0.9091	-49.4298	0	0	0	0	0
NE+7.50	C26	329	B242	1.1364	-47.5153	0	0	0	0	0
NE+7.50	C26	329	B242	1.3636	-45.6007	0	0	0	0	0
NE+7.50	C26	329	B242	1.5909	-43.6862	0	0	0	0	0
NE+7.50	C26	329	B242	1.8182	-41.7716	0	0	0	0	0
NE+7.50	C26	329	B242	2.0455	-39.8571	0	0	0	0	0
NE+7.50	C26	329	B242	2.2727	-37.9425	0	0	0	0	0
NE+7.50	C26	329	B242	2.5	-36.028	0	0	0	0	0
NE+7.50	C27	334	Pprop	0	-18.954	0	0	0	0	0
NE+7.50	C27	334	Pprop	0.2273	-17.2309	0	0	0	0	0
NE+7.50	C27	334	Pprop	0.4545	-15.5078	0	0	0	0	0
NE+7.50	C27	334	Pprop	0.6818	-13.7847	0	0	0	0	0
NE+7.50	C27	334	Pprop	0.9091	-12.0616	0	0	0	0	0
NE+7.50	C27	334	Pprop	1.1364	-10.3385	0	0	0	0	0
NE+7.50	C27	334	Pprop	1.3636	-8.6155	0	0	0	0	0
NE+7.50	C27	334	Pprop	1.5909	-6.8924	0	0	0	0	0
NE+7.50	C27	334	Pprop	1.8182	-5.1693	0	0	0	0	0
NE+7.50	C27	334	Pprop	2.0455	-3.4462	0	0	0	0	0
NE+7.50	C27	334	Pprop	2.2727	-1.7231	0	0	0	0	0
NE+7.50	C27	334	Pprop	2.5	0	0	0	0	0	0
NE+7.50	C27	334	Viva	0	0	0	0	0	0	0
NE+7.50	C27	334	Viva	0.2273	0	0	0	0	0	0
NE+7.50	C27	334	Viva	0.4545	0	0	0	0	0	0
NE+7.50	C27	334	Viva	0.6818	0	0	0	0	0	0
NE+7.50	C27	334	Viva	0.9091	0	0	0	0	0	0
NE+7.50	C27	334	Viva	1.1364	0	0	0	0	0	0
NE+7.50	C27	334	Viva	1.3636	0	0	0	0	0	0
NE+7.50	C27	334	Viva	1.5909	0	0	0	0	0	0
NE+7.50	C27	334	Viva	1.8182	0	0	0	0	0	0
NE+7.50	C27	334	Viva	2.0455	0	0	0	0	0	0
NE+7.50	C27	334	Viva	2.2727	0	0	0	0	0	0
NE+7.50	C27	334	Viva	2.5	0	0	0	0	0	0
NE+7.50	C27	334	Psup	0	-29.97	-0.2916	-0.0011	0	-0.0027	-0.729
NE+7.50	C27	334	Psup	0.2273	-29.97	-0.2916	-0.0011	0	-0.0025	-0.6627
NE+7.50	C27	334	Psup	0.4545	-29.97	-0.2916	-0.0011	0	-0.0022	-0.5965
NE+7.50	C27	334	Psup	0.6818	-29.97	-0.2916	-0.0011	0	-0.002	-0.5302
NE+7.50	C27	334	Psup	0.9091	-29.97	-0.2916	-0.0011	0	-0.0017	-0.4639
NE+7.50	C27	334	Psup	1.1364	-29.97	-0.2916	-0.0011	0	-0.0015	-0.3976

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C27	334	Psup	1.3636	-29.97	-0.2916	-0.0011	0	-0.0012	-0.3314
NE+7.50	C27	334	Psup	1.5909	-29.97	-0.2916	-0.0011	0	-0.001	-0.2651
NE+7.50	C27	334	Psup	1.8182	-29.97	-0.2916	-0.0011	0	-0.0007	-0.1988
NE+7.50	C27	334	Psup	2.0455	-29.97	-0.2916	-0.0011	0	-0.0005	-0.1325
NE+7.50	C27	334	Psup	2.2727	-29.97	-0.2916	-0.0011	0	-0.0002	-0.0663
NE+7.50	C27	334	Psup	2.5	-29.97	-0.2916	-0.0011	0	0	0
NE+7.50	C27	334	Viva.cub	0	-86.56	-0.0031	0	0	0	-0.0078
NE+7.50	C27	334	Viva.cub	0.2273	-86.56	-0.0031	0	0	0	-0.007
NE+7.50	C27	334	Viva.cub	0.4545	-86.56	-0.0031	0	0	0	-0.0063
NE+7.50	C27	334	Viva.cub	0.6818	-86.56	-0.0031	0	0	0	-0.0056
NE+7.50	C27	334	Viva.cub	0.9091	-86.56	-0.0031	0	0	0	-0.0049
NE+7.50	C27	334	Viva.cub	1.1364	-86.56	-0.0031	0	0	0	-0.0042
NE+7.50	C27	334	Viva.cub	1.3636	-86.56	-0.0031	0	0	0	-0.0035
NE+7.50	C27	334	Viva.cub	1.5909	-86.56	-0.0031	0	0	0	-0.0028
NE+7.50	C27	334	Viva.cub	1.8182	-86.56	-0.0031	0	0	0	-0.0021
NE+7.50	C27	334	Viva.cub	2.0455	-86.56	-0.0031	0	0	0	-0.0014
NE+7.50	C27	334	Viva.cub	2.2727	-86.56	-0.0031	0	0	0	-0.0007
NE+7.50	C27	334	Viva.cub	2.5	-86.56	-0.0031	0	0	0	0
NE+7.50	C27	334	DISX-COMB Max	0	0	33.2816	5.8421	0	14.6051	83.2039
NE+7.50	C27	334	DISX-COMB Max	0.2273	0	33.2816	5.8421	0	13.2774	75.6399
NE+7.50	C27	334	DISX-COMB Max	0.4545	0	33.2816	5.8421	0	11.9497	68.0759
NE+7.50	C27	334	DISX-COMB Max	0.6818	0	33.2816	5.8421	0	10.6219	60.5119
NE+7.50	C27	334	DISX-COMB Max	0.9091	0	33.2816	5.8421	0	9.2942	52.9479
NE+7.50	C27	334	DISX-COMB Max	1.1364	0	33.2816	5.8421	0	7.9664	45.3839
NE+7.50	C27	334	DISX-COMB Max	1.3636	0	33.2816	5.8421	0	6.6387	37.8199
NE+7.50	C27	334	DISX-COMB Max	1.5909	0	33.2816	5.8421	0	5.311	30.256
NE+7.50	C27	334	DISX-COMB Max	1.8182	0	33.2816	5.8421	0	3.9832	22.692
NE+7.50	C27	334	DISX-COMB Max	2.0455	0	33.2816	5.8421	0	2.6555	15.128
NE+7.50	C27	334	DISX-COMB Max	2.2727	0	33.2816	5.8421	0	1.3277	7.564
NE+7.50	C27	334	DISX-COMB Max	2.5	0	33.2816	5.8421	0	0	0
NE+7.50	C27	334	DISY-COMB Max	0	0	2.4276	39.3072	0	98.2681	6.0691
NE+7.50	C27	334	DISY-COMB Max	0.2273	0	2.4276	39.3072	0	89.3346	5.5173
NE+7.50	C27	334	DISY-COMB Max	0.4545	0	2.4276	39.3072	0	80.4011	4.9656
NE+7.50	C27	334	DISY-COMB Max	0.6818	0	2.4276	39.3072	0	71.4677	4.4139
NE+7.50	C27	334	DISY-COMB Max	0.9091	0	2.4276	39.3072	0	62.5342	3.8621
NE+7.50	C27	334	DISY-COMB Max	1.1364	0	2.4276	39.3072	0	53.6008	3.3104
NE+7.50	C27	334	DISY-COMB Max	1.3636	0	2.4276	39.3072	0	44.6673	2.7587
NE+7.50	C27	334	DISY-COMB Max	1.5909	0	2.4276	39.3072	0	35.7338	2.2069
NE+7.50	C27	334	DISY-COMB Max	1.8182	0	2.4276	39.3072	0	26.8004	1.6552
NE+7.50	C27	334	DISY-COMB Max	2.0455	0	2.4276	39.3072	0	17.8669	1.1035
NE+7.50	C27	334	DISY-COMB Max	2.2727	0	2.4276	39.3072	0	8.9335	0.5517
NE+7.50	C27	334	DISY-COMB Max	2.5	0	2.4276	39.3072	0	0	0
NE+7.50	C27	334	B241	0	-63.42	-0.378	-0.0014	0	-0.0035	-0.945
NE+7.50	C27	334	B241	0.2273	-61.1864	-0.378	-0.0014	0	-0.0032	-0.8591
NE+7.50	C27	334	B241	0.4545	-58.9527	-0.378	-0.0014	0	-0.0029	-0.7732

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C27	334	B241	0.6818	-56.7191	-0.378	-0.0014	0	-0.0025	-0.6873
NE+7.50	C27	334	B241	0.9091	-54.4855	-0.378	-0.0014	0	-0.0022	-0.6014
NE+7.50	C27	334	B241	1.1364	-52.2518	-0.378	-0.0014	0	-0.0019	-0.5155
NE+7.50	C27	334	B241	1.3636	-50.0182	-0.378	-0.0014	0	-0.0016	-0.4295
NE+7.50	C27	334	B241	1.5909	-47.7845	-0.378	-0.0014	0	-0.0013	-0.3436
NE+7.50	C27	334	B241	1.8182	-45.5509	-0.378	-0.0014	0	-0.001	-0.2577
NE+7.50	C27	334	B241	2.0455	-43.3173	-0.378	-0.0014	0	-0.0006	-0.1718
NE+7.50	C27	334	B241	2.2727	-41.0836	-0.378	-0.0014	0	-0.0003	-0.0859
NE+7.50	C27	334	B241	2.5	-38.85	-0.378	-0.0014	0	0	0
NE+7.50	C27	334	B242	0	-97.64	-0.3256	-0.0012	0	-0.003	-0.8139
NE+7.50	C27	334	B242	0.2273	-95.7255	-0.3256	-0.0012	0	-0.0027	-0.7399
NE+7.50	C27	334	B242	0.4545	-93.8109	-0.3256	-0.0012	0	-0.0025	-0.6659
NE+7.50	C27	334	B242	0.6818	-91.8964	-0.3256	-0.0012	0	-0.0022	-0.5919
NE+7.50	C27	334	B242	0.9091	-89.9818	-0.3256	-0.0012	0	-0.0019	-0.5179
NE+7.50	C27	334	B242	1.1364	-88.0673	-0.3256	-0.0012	0	-0.0016	-0.4439
NE+7.50	C27	334	B242	1.3636	-86.1527	-0.3256	-0.0012	0	-0.0014	-0.3699
NE+7.50	C27	334	B242	1.5909	-84.2382	-0.3256	-0.0012	0	-0.0011	-0.296
NE+7.50	C27	334	B242	1.8182	-82.3236	-0.3256	-0.0012	0	-0.0008	-0.222
NE+7.50	C27	334	B242	2.0455	-80.4091	-0.3256	-0.0012	0	-0.0005	-0.148
NE+7.50	C27	334	B242	2.2727	-78.4945	-0.3256	-0.0012	0	-0.0003	-0.074
NE+7.50	C27	334	B242	2.5	-76.58	-0.3256	-0.0012	0	0	0
NE+7.50	C30	349	Pprop	0	-18.954	0	0	0	0	0
NE+7.50	C30	349	Pprop	0.2273	-17.2309	0	0	0	0	0
NE+7.50	C30	349	Pprop	0.4545	-15.5078	0	0	0	0	0
NE+7.50	C30	349	Pprop	0.6818	-13.7847	0	0	0	0	0
NE+7.50	C30	349	Pprop	0.9091	-12.0616	0	0	0	0	0
NE+7.50	C30	349	Pprop	1.1364	-10.3385	0	0	0	0	0
NE+7.50	C30	349	Pprop	1.3636	-8.6155	0	0	0	0	0
NE+7.50	C30	349	Pprop	1.5909	-6.8924	0	0	0	0	0
NE+7.50	C30	349	Pprop	1.8182	-5.1693	0	0	0	0	0
NE+7.50	C30	349	Pprop	2.0455	-3.4462	0	0	0	0	0
NE+7.50	C30	349	Pprop	2.2727	-1.7231	0	0	0	0	0
NE+7.50	C30	349	Pprop	2.5	0	0	0	0	0	0
NE+7.50	C30	349	Viva	0	0	0	0	0	0	0
NE+7.50	C30	349	Viva	0.2273	0	0	0	0	0	0
NE+7.50	C30	349	Viva	0.4545	0	0	0	0	0	0
NE+7.50	C30	349	Viva	0.6818	0	0	0	0	0	0
NE+7.50	C30	349	Viva	0.9091	0	0	0	0	0	0
NE+7.50	C30	349	Viva	1.1364	0	0	0	0	0	0
NE+7.50	C30	349	Viva	1.3636	0	0	0	0	0	0
NE+7.50	C30	349	Viva	1.5909	0	0	0	0	0	0
NE+7.50	C30	349	Viva	1.8182	0	0	0	0	0	0
NE+7.50	C30	349	Viva	2.0455	0	0	0	0	0	0
NE+7.50	C30	349	Viva	2.2727	0	0	0	0	0	0
NE+7.50	C30	349	Viva	2.5	0	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C30	349	Psup	0	-31.5684	0.8424	0.0003	0	0.0008	2.106
NE+7.50	C30	349	Psup	0.2273	-31.5684	0.8424	0.0003	0	0.0007	1.9145
NE+7.50	C30	349	Psup	0.4545	-31.5684	0.8424	0.0003	0	0.0007	1.7231
NE+7.50	C30	349	Psup	0.6818	-31.5684	0.8424	0.0003	0	0.0006	1.5316
NE+7.50	C30	349	Psup	0.9091	-31.5684	0.8424	0.0003	0	0.0005	1.3402
NE+7.50	C30	349	Psup	1.1364	-31.5684	0.8424	0.0003	0	0.0004	1.1487
NE+7.50	C30	349	Psup	1.3636	-31.5684	0.8424	0.0003	0	0.0004	0.9573
NE+7.50	C30	349	Psup	1.5909	-31.5684	0.8424	0.0003	0	0.0003	0.7658
NE+7.50	C30	349	Psup	1.8182	-31.5684	0.8424	0.0003	0	0.0002	0.5744
NE+7.50	C30	349	Psup	2.0455	-31.5684	0.8424	0.0003	0	0.0001	0.3829
NE+7.50	C30	349	Psup	2.2727	-31.5684	0.8424	0.0003	0	0.0001	0.1915
NE+7.50	C30	349	Psup	2.5	-31.5684	0.8424	0.0003	0	0	0
NE+7.50	C30	349	Viva.cub	0	-87.22	-0.53	-0.0001	0	-0.0003	-1.325
NE+7.50	C30	349	Viva.cub	0.2273	-87.22	-0.53	-0.0001	0	-0.0002	-1.2045
NE+7.50	C30	349	Viva.cub	0.4545	-87.22	-0.53	-0.0001	0	-0.0002	-1.0841
NE+7.50	C30	349	Viva.cub	0.6818	-87.22	-0.53	-0.0001	0	-0.0002	-0.9636
NE+7.50	C30	349	Viva.cub	0.9091	-87.22	-0.53	-0.0001	0	-0.0002	-0.8432
NE+7.50	C30	349	Viva.cub	1.1364	-87.22	-0.53	-0.0001	0	-0.0001	-0.7227
NE+7.50	C30	349	Viva.cub	1.3636	-87.22	-0.53	-0.0001	0	-0.0001	-0.6023
NE+7.50	C30	349	Viva.cub	1.5909	-87.22	-0.53	-0.0001	0	-0.0001	-0.4818
NE+7.50	C30	349	Viva.cub	1.8182	-87.22	-0.53	-0.0001	0	-0.0001	-0.3614
NE+7.50	C30	349	Viva.cub	2.0455	-87.22	-0.53	-0.0001	0	-4.545E-05	-0.2409
NE+7.50	C30	349	Viva.cub	2.2727	-87.22	-0.53	-0.0001	0	-2.273E-05	-0.1205
NE+7.50	C30	349	Viva.cub	2.5	-87.22	-0.53	-0.0001	0	0	0
NE+7.50	C30	349	DISX-COMB Max	0	0	34.9609	14.0802	0	35.2006	87.4022
NE+7.50	C30	349	DISX-COMB Max	0.2273	0	34.9609	14.0802	0	32.0005	79.4565
NE+7.50	C30	349	DISX-COMB Max	0.4545	0	34.9609	14.0802	0	28.8005	71.5109
NE+7.50	C30	349	DISX-COMB Max	0.6818	0	34.9609	14.0802	0	25.6004	63.5652
NE+7.50	C30	349	DISX-COMB Max	0.9091	0	34.9609	14.0802	0	22.4004	55.6196
NE+7.50	C30	349	DISX-COMB Max	1.1364	0	34.9609	14.0802	0	19.2003	47.6739
NE+7.50	C30	349	DISX-COMB Max	1.3636	0	34.9609	14.0802	0	16.0003	39.7283
NE+7.50	C30	349	DISX-COMB Max	1.5909	0	34.9609	14.0802	0	12.8002	31.7826
NE+7.50	C30	349	DISX-COMB Max	1.8182	0	34.9609	14.0802	0	9.6002	23.837
NE+7.50	C30	349	DISX-COMB Max	2.0455	0	34.9609	14.0802	0	6.4001	15.8913
NE+7.50	C30	349	DISX-COMB Max	2.2727	0	34.9609	14.0802	0	3.2001	7.9457
NE+7.50	C30	349	DISX-COMB Max	2.5	0	34.9609	14.0802	0	0	0
NE+7.50	C30	349	DISY-COMB Max	0	0	2.532	40.0198	0	100.0496	6.3301
NE+7.50	C30	349	DISY-COMB Max	0.2273	0	2.532	40.0198	0	90.9541	5.7547
NE+7.50	C30	349	DISY-COMB Max	0.4545	0	2.532	40.0198	0	81.8587	5.1792
NE+7.50	C30	349	DISY-COMB Max	0.6818	0	2.532	40.0198	0	72.7633	4.6037
NE+7.50	C30	349	DISY-COMB Max	0.9091	0	2.532	40.0198	0	63.6679	4.0283
NE+7.50	C30	349	DISY-COMB Max	1.1364	0	2.532	40.0198	0	54.5725	3.4528
NE+7.50	C30	349	DISY-COMB Max	1.3636	0	2.532	40.0198	0	45.4771	2.8773
NE+7.50	C30	349	DISY-COMB Max	1.5909	0	2.532	40.0198	0	36.3817	2.3019
NE+7.50	C30	349	DISY-COMB Max	1.8182	0	2.532	40.0198	0	27.2862	1.7264

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C30	349	DISY-COMB Max	2.0455	0	2.532	40.0198	0	18.1908	1.1509
NE+7.50	C30	349	DISY-COMB Max	2.2727	0	2.532	40.0198	0	9.0954	0.5755
NE+7.50	C30	349	DISY-COMB Max	2.5	0	2.532	40.0198	0	0	0
NE+7.50	C30	349	B241	0	-65.492	1.092	0.0004	0	0.001	2.73
NE+7.50	C30	349	B241	0.2273	-63.2584	1.092	0.0004	0	0.001	2.4818
NE+7.50	C30	349	B241	0.4545	-61.0247	1.092	0.0004	0	0.0009	2.2336
NE+7.50	C30	349	B241	0.6818	-58.7911	1.092	0.0004	0	0.0008	1.9855
NE+7.50	C30	349	B241	0.9091	-56.5575	1.092	0.0004	0	0.0007	1.7373
NE+7.50	C30	349	B241	1.1364	-54.3238	1.092	0.0004	0	0.0006	1.4891
NE+7.50	C30	349	B241	1.3636	-52.0902	1.092	0.0004	0	0.0005	1.2409
NE+7.50	C30	349	B241	1.5909	-49.8565	1.092	0.0004	0	0.0004	0.9927
NE+7.50	C30	349	B241	1.8182	-47.6229	1.092	0.0004	0	0.0003	0.7445
NE+7.50	C30	349	B241	2.0455	-45.3893	1.092	0.0004	0	0.0002	0.4964
NE+7.50	C30	349	B241	2.2727	-43.1556	1.092	0.0004	0	0.0001	0.2482
NE+7.50	C30	349	B241	2.5	-40.922	1.092	0.0004	0	0	0
NE+7.50	C30	349	B242	0	-99.746	0.671	0.0003	0	0.0008	1.6775
NE+7.50	C30	349	B242	0.2273	-97.8315	0.671	0.0003	0	0.0007	1.525
NE+7.50	C30	349	B242	0.4545	-95.9169	0.671	0.0003	0	0.0006	1.3725
NE+7.50	C30	349	B242	0.6818	-94.0024	0.671	0.0003	0	0.0006	1.22
NE+7.50	C30	349	B242	0.9091	-92.0878	0.671	0.0003	0	0.0005	1.0675
NE+7.50	C30	349	B242	1.1364	-90.1733	0.671	0.0003	0	0.0004	0.915
NE+7.50	C30	349	B242	1.3636	-88.2587	0.671	0.0003	0	0.0004	0.7625
NE+7.50	C30	349	B242	1.5909	-86.3442	0.671	0.0003	0	0.0003	0.61
NE+7.50	C30	349	B242	1.8182	-84.4296	0.671	0.0003	0	0.0002	0.4575
NE+7.50	C30	349	B242	2.0455	-82.5151	0.671	0.0003	0	0.0001	0.305
NE+7.50	C30	349	B242	2.2727	-80.6005	0.671	0.0003	0	0.0001	0.1525
NE+7.50	C30	349	B242	2.5	-78.686	0.671	0.0003	0	0	0
NE+7.50	C31	354	Pprop	0	-18.954	0	0	0	0	0
NE+7.50	C31	354	Pprop	0.2273	-17.2309	0	0	0	0	0
NE+7.50	C31	354	Pprop	0.4545	-15.5078	0	0	0	0	0
NE+7.50	C31	354	Pprop	0.6818	-13.7847	0	0	0	0	0
NE+7.50	C31	354	Pprop	0.9091	-12.0616	0	0	0	0	0
NE+7.50	C31	354	Pprop	1.1364	-10.3385	0	0	0	0	0
NE+7.50	C31	354	Pprop	1.3636	-8.6155	0	0	0	0	0
NE+7.50	C31	354	Pprop	1.5909	-6.8924	0	0	0	0	0
NE+7.50	C31	354	Pprop	1.8182	-5.1693	0	0	0	0	0
NE+7.50	C31	354	Pprop	2.0455	-3.4462	0	0	0	0	0
NE+7.50	C31	354	Pprop	2.2727	-1.7231	0	0	0	0	0
NE+7.50	C31	354	Pprop	2.5	0	0	0	0	0	0
NE+7.50	C31	354	Viva	0	0	0	0	0	0	0
NE+7.50	C31	354	Viva	0.2273	0	0	0	0	0	0
NE+7.50	C31	354	Viva	0.4545	0	0	0	0	0	0
NE+7.50	C31	354	Viva	0.6818	0	0	0	0	0	0
NE+7.50	C31	354	Viva	0.9091	0	0	0	0	0	0
NE+7.50	C31	354	Viva	1.1364	0	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C31	354	Viva	1.3636	0	0	0	0	0	0
NE+7.50	C31	354	Viva	1.5909	0	0	0	0	0	0
NE+7.50	C31	354	Viva	1.8182	0	0	0	0	0	0
NE+7.50	C31	354	Viva	2.0455	0	0	0	0	0	0
NE+7.50	C31	354	Viva	2.2727	0	0	0	0	0	0
NE+7.50	C31	354	Viva	2.5	0	0	0	0	0	0
NE+7.50	C31	354	Psup	0	-18.3384	0	0	0	0	0
NE+7.50	C31	354	Psup	0.2273	-18.3384	0	0	0	0	0
NE+7.50	C31	354	Psup	0.4545	-18.3384	0	0	0	0	0
NE+7.50	C31	354	Psup	0.6818	-18.3384	0	0	0	0	0
NE+7.50	C31	354	Psup	0.9091	-18.3384	0	0	0	0	0
NE+7.50	C31	354	Psup	1.1364	-18.3384	0	0	0	0	0
NE+7.50	C31	354	Psup	1.3636	-18.3384	0	0	0	0	0
NE+7.50	C31	354	Psup	1.5909	-18.3384	0	0	0	0	0
NE+7.50	C31	354	Psup	1.8182	-18.3384	0	0	0	0	0
NE+7.50	C31	354	Psup	2.0455	-18.3384	0	0	0	0	0
NE+7.50	C31	354	Psup	2.2727	-18.3384	0	0	0	0	0
NE+7.50	C31	354	Psup	2.5	-18.3384	0	0	0	0	0
NE+7.50	C31	354	Viva.cub	0	-33.02	0	0	0	0	0
NE+7.50	C31	354	Viva.cub	0.2273	-33.02	0	0	0	0	0
NE+7.50	C31	354	Viva.cub	0.4545	-33.02	0	0	0	0	0
NE+7.50	C31	354	Viva.cub	0.6818	-33.02	0	0	0	0	0
NE+7.50	C31	354	Viva.cub	0.9091	-33.02	0	0	0	0	0
NE+7.50	C31	354	Viva.cub	1.1364	-33.02	0	0	0	0	0
NE+7.50	C31	354	Viva.cub	1.3636	-33.02	0	0	0	0	0
NE+7.50	C31	354	Viva.cub	1.5909	-33.02	0	0	0	0	0
NE+7.50	C31	354	Viva.cub	1.8182	-33.02	0	0	0	0	0
NE+7.50	C31	354	Viva.cub	2.0455	-33.02	0	0	0	0	0
NE+7.50	C31	354	Viva.cub	2.2727	-33.02	0	0	0	0	0
NE+7.50	C31	354	Viva.cub	2.5	-33.02	0	0	0	0	0
NE+7.50	C31	354	DISX-COMB Max	0	0	23.8668	9.7489	0	24.3722	59.6669
NE+7.50	C31	354	DISX-COMB Max	0.2273	0	23.8668	9.7489	0	22.1565	54.2427
NE+7.50	C31	354	DISX-COMB Max	0.4545	0	23.8668	9.7489	0	19.9409	48.8184
NE+7.50	C31	354	DISX-COMB Max	0.6818	0	23.8668	9.7489	0	17.7252	43.3941
NE+7.50	C31	354	DISX-COMB Max	0.9091	0	23.8668	9.7489	0	15.5096	37.9699
NE+7.50	C31	354	DISX-COMB Max	1.1364	0	23.8668	9.7489	0	13.2939	32.5456
NE+7.50	C31	354	DISX-COMB Max	1.3636	0	23.8668	9.7489	0	11.0783	27.1213
NE+7.50	C31	354	DISX-COMB Max	1.5909	0	23.8668	9.7489	0	8.8626	21.6971
NE+7.50	C31	354	DISX-COMB Max	1.8182	0	23.8668	9.7489	0	6.647	16.2728
NE+7.50	C31	354	DISX-COMB Max	2.0455	0	23.8668	9.7489	0	4.4313	10.8485
NE+7.50	C31	354	DISX-COMB Max	2.2727	0	23.8668	9.7489	0	2.2157	5.4243
NE+7.50	C31	354	DISX-COMB Max	2.5	0	23.8668	9.7489	0	0	0
NE+7.50	C31	354	DISY-COMB Max	0	0	0.7816	27.3654	0	68.4134	1.9539
NE+7.50	C31	354	DISY-COMB Max	0.2273	0	0.7816	27.3654	0	62.194	1.7763
NE+7.50	C31	354	DISY-COMB Max	0.4545	0	0.7816	27.3654	0	55.9746	1.5987

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C31	354	DISY-COMB Max	0.6818	0	0.7816	27.3654	0	49.7552	1.421
NE+7.50	C31	354	DISY-COMB Max	0.9091	0	0.7816	27.3654	0	43.5358	1.2434
NE+7.50	C31	354	DISY-COMB Max	1.1364	0	0.7816	27.3654	0	37.3164	1.0658
NE+7.50	C31	354	DISY-COMB Max	1.3636	0	0.7816	27.3654	0	31.097	0.8881
NE+7.50	C31	354	DISY-COMB Max	1.5909	0	0.7816	27.3654	0	24.8776	0.7105
NE+7.50	C31	354	DISY-COMB Max	1.8182	0	0.7816	27.3654	0	18.6582	0.5329
NE+7.50	C31	354	DISY-COMB Max	2.0455	0	0.7816	27.3654	0	12.4388	0.3553
NE+7.50	C31	354	DISY-COMB Max	2.2727	0	0.7816	27.3654	0	6.2194	0.1776
NE+7.50	C31	354	DISY-COMB Max	2.5	0	0.7816	27.3654	0	0	0
NE+7.50	C31	354	B241	0	-48.342	0	0	0	0	0
NE+7.50	C31	354	B241	0.2273	-46.1084	0	0	0	0	0
NE+7.50	C31	354	B241	0.4545	-43.8747	0	0	0	0	0
NE+7.50	C31	354	B241	0.6818	-41.6411	0	0	0	0	0
NE+7.50	C31	354	B241	0.9091	-39.4075	0	0	0	0	0
NE+7.50	C31	354	B241	1.1364	-37.1738	0	0	0	0	0
NE+7.50	C31	354	B241	1.3636	-34.9402	0	0	0	0	0
NE+7.50	C31	354	B241	1.5909	-32.7065	0	0	0	0	0
NE+7.50	C31	354	B241	1.8182	-30.4729	0	0	0	0	0
NE+7.50	C31	354	B241	2.0455	-28.2393	0	0	0	0	0
NE+7.50	C31	354	B241	2.2727	-26.0056	0	0	0	0	0
NE+7.50	C31	354	B241	2.5	-23.772	0	0	0	0	0
NE+7.50	C31	354	B242	0	-57.946	0	0	0	0	0
NE+7.50	C31	354	B242	0.2273	-56.0315	0	0	0	0	0
NE+7.50	C31	354	B242	0.4545	-54.1169	0	0	0	0	0
NE+7.50	C31	354	B242	0.6818	-52.2024	0	0	0	0	0
NE+7.50	C31	354	B242	0.9091	-50.2878	0	0	0	0	0
NE+7.50	C31	354	B242	1.1364	-48.3733	0	0	0	0	0
NE+7.50	C31	354	B242	1.3636	-46.4587	0	0	0	0	0
NE+7.50	C31	354	B242	1.5909	-44.5442	0	0	0	0	0
NE+7.50	C31	354	B242	1.8182	-42.6296	0	0	0	0	0
NE+7.50	C31	354	B242	2.0455	-40.7151	0	0	0	0	0
NE+7.50	C31	354	B242	2.2727	-38.8005	0	0	0	0	0
NE+7.50	C31	354	B242	2.5	-36.886	0	0	0	0	0
NE+7.50	C38	359	Pprop	0	-18.954	0	0	0	0	0
NE+7.50	C38	359	Pprop	0.2273	-17.2309	0	0	0	0	0
NE+7.50	C38	359	Pprop	0.4545	-15.5078	0	0	0	0	0
NE+7.50	C38	359	Pprop	0.6818	-13.7847	0	0	0	0	0
NE+7.50	C38	359	Pprop	0.9091	-12.0616	0	0	0	0	0
NE+7.50	C38	359	Pprop	1.1364	-10.3385	0	0	0	0	0
NE+7.50	C38	359	Pprop	1.3636	-8.6155	0	0	0	0	0
NE+7.50	C38	359	Pprop	1.5909	-6.8924	0	0	0	0	0
NE+7.50	C38	359	Pprop	1.8182	-5.1693	0	0	0	0	0
NE+7.50	C38	359	Pprop	2.0455	-3.4462	0	0	0	0	0
NE+7.50	C38	359	Pprop	2.2727	-1.7231	0	0	0	0	0
NE+7.50	C38	359	Pprop	2.5	0	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C38	359	Viva	0	0	0	0	0	0	0
NE+7.50	C38	359	Viva	0.2273	0	0	0	0	0	0
NE+7.50	C38	359	Viva	0.4545	0	0	0	0	0	0
NE+7.50	C38	359	Viva	0.6818	0	0	0	0	0	0
NE+7.50	C38	359	Viva	0.9091	0	0	0	0	0	0
NE+7.50	C38	359	Viva	1.1364	0	0	0	0	0	0
NE+7.50	C38	359	Viva	1.3636	0	0	0	0	0	0
NE+7.50	C38	359	Viva	1.5909	0	0	0	0	0	0
NE+7.50	C38	359	Viva	1.8182	0	0	0	0	0	0
NE+7.50	C38	359	Viva	2.0455	0	0	0	0	0	0
NE+7.50	C38	359	Viva	2.2727	0	0	0	0	0	0
NE+7.50	C38	359	Viva	2.5	0	0	0	0	0	0
NE+7.50	C38	359	Psup	0	-16.1568	0	0	0	0	0
NE+7.50	C38	359	Psup	0.2273	-16.1568	0	0	0	0	0
NE+7.50	C38	359	Psup	0.4545	-16.1568	0	0	0	0	0
NE+7.50	C38	359	Psup	0.6818	-16.1568	0	0	0	0	0
NE+7.50	C38	359	Psup	0.9091	-16.1568	0	0	0	0	0
NE+7.50	C38	359	Psup	1.1364	-16.1568	0	0	0	0	0
NE+7.50	C38	359	Psup	1.3636	-16.1568	0	0	0	0	0
NE+7.50	C38	359	Psup	1.5909	-16.1568	0	0	0	0	0
NE+7.50	C38	359	Psup	1.8182	-16.1568	0	0	0	0	0
NE+7.50	C38	359	Psup	2.0455	-16.1568	0	0	0	0	0
NE+7.50	C38	359	Psup	2.2727	-16.1568	0	0	0	0	0
NE+7.50	C38	359	Psup	2.5	-16.1568	0	0	0	0	0
NE+7.50	C38	359	Viva.cub	0	-32.85	0	0	0	0	0
NE+7.50	C38	359	Viva.cub	0.2273	-32.85	0	0	0	0	0
NE+7.50	C38	359	Viva.cub	0.4545	-32.85	0	0	0	0	0
NE+7.50	C38	359	Viva.cub	0.6818	-32.85	0	0	0	0	0
NE+7.50	C38	359	Viva.cub	0.9091	-32.85	0	0	0	0	0
NE+7.50	C38	359	Viva.cub	1.1364	-32.85	0	0	0	0	0
NE+7.50	C38	359	Viva.cub	1.3636	-32.85	0	0	0	0	0
NE+7.50	C38	359	Viva.cub	1.5909	-32.85	0	0	0	0	0
NE+7.50	C38	359	Viva.cub	1.8182	-32.85	0	0	0	0	0
NE+7.50	C38	359	Viva.cub	2.0455	-32.85	0	0	0	0	0
NE+7.50	C38	359	Viva.cub	2.2727	-32.85	0	0	0	0	0
NE+7.50	C38	359	Viva.cub	2.5	-32.85	0	0	0	0	0
NE+7.50	C38	359	DISX-COMB Max	0	0	25.5846	14.7839	0	36.9597	63.9615
NE+7.50	C38	359	DISX-COMB Max	0.2273	0	25.5846	14.7839	0	33.5997	58.1468
NE+7.50	C38	359	DISX-COMB Max	0.4545	0	25.5846	14.7839	0	30.2397	52.3322
NE+7.50	C38	359	DISX-COMB Max	0.6818	0	25.5846	14.7839	0	26.8798	46.5175
NE+7.50	C38	359	DISX-COMB Max	0.9091	0	25.5846	14.7839	0	23.5198	40.7028
NE+7.50	C38	359	DISX-COMB Max	1.1364	0	25.5846	14.7839	0	20.1598	34.8881
NE+7.50	C38	359	DISX-COMB Max	1.3636	0	25.5846	14.7839	0	16.7999	29.0734
NE+7.50	C38	359	DISX-COMB Max	1.5909	0	25.5846	14.7839	0	13.4399	23.2587
NE+7.50	C38	359	DISX-COMB Max	1.8182	0	25.5846	14.7839	0	10.0799	17.4441

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C38	359	DISX-COMB Max	2.0455	0	25.5846	14.7839	0	6.7199	11.6294
NE+7.50	C38	359	DISX-COMB Max	2.2727	0	25.5846	14.7839	0	3.36	5.8147
NE+7.50	C38	359	DISX-COMB Max	2.5	0	25.5846	14.7839	0	0	0
NE+7.50	C38	359	DISY-COMB Max	0	0	1.1755	24.4566	0	61.1414	2.9387
NE+7.50	C38	359	DISY-COMB Max	0.2273	0	1.1755	24.4566	0	55.5831	2.6715
NE+7.50	C38	359	DISY-COMB Max	0.4545	0	1.1755	24.4566	0	50.0248	2.4044
NE+7.50	C38	359	DISY-COMB Max	0.6818	0	1.1755	24.4566	0	44.4665	2.1372
NE+7.50	C38	359	DISY-COMB Max	0.9091	0	1.1755	24.4566	0	38.9082	1.8701
NE+7.50	C38	359	DISY-COMB Max	1.1364	0	1.1755	24.4566	0	33.3499	1.6029
NE+7.50	C38	359	DISY-COMB Max	1.3636	0	1.1755	24.4566	0	27.7915	1.3358
NE+7.50	C38	359	DISY-COMB Max	1.5909	0	1.1755	24.4566	0	22.2332	1.0686
NE+7.50	C38	359	DISY-COMB Max	1.8182	0	1.1755	24.4566	0	16.6749	0.8015
NE+7.50	C38	359	DISY-COMB Max	2.0455	0	1.1755	24.4566	0	11.1166	0.5343
NE+7.50	C38	359	DISY-COMB Max	2.2727	0	1.1755	24.4566	0	5.5583	0.2672
NE+7.50	C38	359	DISY-COMB Max	2.5	0	1.1755	24.4566	0	0	0
NE+7.50	C38	359	B241	0	-45.514	0	0	0	0	0
NE+7.50	C38	359	B241	0.2273	-43.2804	0	0	0	0	0
NE+7.50	C38	359	B241	0.4545	-41.0467	0	0	0	0	0
NE+7.50	C38	359	B241	0.6818	-38.8131	0	0	0	0	0
NE+7.50	C38	359	B241	0.9091	-36.5795	0	0	0	0	0
NE+7.50	C38	359	B241	1.1364	-34.3458	0	0	0	0	0
NE+7.50	C38	359	B241	1.3636	-32.1122	0	0	0	0	0
NE+7.50	C38	359	B241	1.5909	-29.8785	0	0	0	0	0
NE+7.50	C38	359	B241	1.8182	-27.6449	0	0	0	0	0
NE+7.50	C38	359	B241	2.0455	-25.4113	0	0	0	0	0
NE+7.50	C38	359	B241	2.2727	-23.1776	0	0	0	0	0
NE+7.50	C38	359	B241	2.5	-20.944	0	0	0	0	0
NE+7.50	C38	359	B242	0	-55.437	0	0	0	0	0
NE+7.50	C38	359	B242	0.2273	-53.5225	0	0	0	0	0
NE+7.50	C38	359	B242	0.4545	-51.6079	0	0	0	0	0
NE+7.50	C38	359	B242	0.6818	-49.6934	0	0	0	0	0
NE+7.50	C38	359	B242	0.9091	-47.7788	0	0	0	0	0
NE+7.50	C38	359	B242	1.1364	-45.8643	0	0	0	0	0
NE+7.50	C38	359	B242	1.3636	-43.9497	0	0	0	0	0
NE+7.50	C38	359	B242	1.5909	-42.0352	0	0	0	0	0
NE+7.50	C38	359	B242	1.8182	-40.1206	0	0	0	0	0
NE+7.50	C38	359	B242	2.0455	-38.2061	0	0	0	0	0
NE+7.50	C38	359	B242	2.2727	-36.2915	0	0	0	0	0
NE+7.50	C38	359	B242	2.5	-34.377	0	0	0	0	0
NE+7.50	C39	364	Pprop	0	-18.954	0	0	0	0	0
NE+7.50	C39	364	Pprop	0.2273	-17.2309	0	0	0	0	0
NE+7.50	C39	364	Pprop	0.4545	-15.5078	0	0	0	0	0
NE+7.50	C39	364	Pprop	0.6818	-13.7847	0	0	0	0	0
NE+7.50	C39	364	Pprop	0.9091	-12.0616	0	0	0	0	0
NE+7.50	C39	364	Pprop	1.1364	-10.3385	0	0	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C39	364	Pprop	1.3636	-8.6155	0	0	0	0	0
NE+7.50	C39	364	Pprop	1.5909	-6.8924	0	0	0	0	0
NE+7.50	C39	364	Pprop	1.8182	-5.1693	0	0	0	0	0
NE+7.50	C39	364	Pprop	2.0455	-3.4462	0	0	0	0	0
NE+7.50	C39	364	Pprop	2.2727	-1.7231	0	0	0	0	0
NE+7.50	C39	364	Pprop	2.5	0	0	0	0	0	0
NE+7.50	C39	364	Viva	0	0	0	0	0	0	0
NE+7.50	C39	364	Viva	0.2273	0	0	0	0	0	0
NE+7.50	C39	364	Viva	0.4545	0	0	0	0	0	0
NE+7.50	C39	364	Viva	0.6818	0	0	0	0	0	0
NE+7.50	C39	364	Viva	0.9091	0	0	0	0	0	0
NE+7.50	C39	364	Viva	1.1364	0	0	0	0	0	0
NE+7.50	C39	364	Viva	1.3636	0	0	0	0	0	0
NE+7.50	C39	364	Viva	1.5909	0	0	0	0	0	0
NE+7.50	C39	364	Viva	1.8182	0	0	0	0	0	0
NE+7.50	C39	364	Viva	2.0455	0	0	0	0	0	0
NE+7.50	C39	364	Viva	2.2727	0	0	0	0	0	0
NE+7.50	C39	364	Viva	2.5	0	0	0	0	0	0
NE+7.50	C39	364	Psup	0	-27.9828	-0.7344	-0.0002	0	-0.0005	-1.836
NE+7.50	C39	364	Psup	0.2273	-27.9828	-0.7344	-0.0002	0	-0.0005	-1.6691
NE+7.50	C39	364	Psup	0.4545	-27.9828	-0.7344	-0.0002	0	-0.0004	-1.5022
NE+7.50	C39	364	Psup	0.6818	-27.9828	-0.7344	-0.0002	0	-0.0004	-1.3353
NE+7.50	C39	364	Psup	0.9091	-27.9828	-0.7344	-0.0002	0	-0.0003	-1.1684
NE+7.50	C39	364	Psup	1.1364	-27.9828	-0.7344	-0.0002	0	-0.0003	-1.0015
NE+7.50	C39	364	Psup	1.3636	-27.9828	-0.7344	-0.0002	0	-0.0002	-0.8345
NE+7.50	C39	364	Psup	1.5909	-27.9828	-0.7344	-0.0002	0	-0.0002	-0.6676
NE+7.50	C39	364	Psup	1.8182	-27.9828	-0.7344	-0.0002	0	-0.0001	-0.5007
NE+7.50	C39	364	Psup	2.0455	-27.9828	-0.7344	-0.0002	0	-0.0001	-0.3338
NE+7.50	C39	364	Psup	2.2727	-27.9828	-0.7344	-0.0002	0	-4.909E-05	-0.1669
NE+7.50	C39	364	Psup	2.5	-27.9828	-0.7344	-0.0002	0	0	0
NE+7.50	C39	364	Viva.cub	0	-86.86	0.24	0	0	0	0.6
NE+7.50	C39	364	Viva.cub	0.2273	-86.86	0.24	0	0	0	0.5455
NE+7.50	C39	364	Viva.cub	0.4545	-86.86	0.24	0	0	0	0.4909
NE+7.50	C39	364	Viva.cub	0.6818	-86.86	0.24	0	0	0	0.4364
NE+7.50	C39	364	Viva.cub	0.9091	-86.86	0.24	0	0	0	0.3818
NE+7.50	C39	364	Viva.cub	1.1364	-86.86	0.24	0	0	0	0.3273
NE+7.50	C39	364	Viva.cub	1.3636	-86.86	0.24	0	0	0	0.2727
NE+7.50	C39	364	Viva.cub	1.5909	-86.86	0.24	0	0	0	0.2182
NE+7.50	C39	364	Viva.cub	1.8182	-86.86	0.24	0	0	0	0.1636
NE+7.50	C39	364	Viva.cub	2.0455	-86.86	0.24	0	0	0	0.1091
NE+7.50	C39	364	Viva.cub	2.2727	-86.86	0.24	0	0	0	0.0545
NE+7.50	C39	364	Viva.cub	2.5	-86.86	0.24	0	0	0	0
NE+7.50	C39	364	DISX-COMB Max	0	0	34.6932	21.5794	0	53.9485	86.7329
NE+7.50	C39	364	DISX-COMB Max	0.2273	0	34.6932	21.5794	0	49.0441	78.8481
NE+7.50	C39	364	DISX-COMB Max	0.4545	0	34.6932	21.5794	0	44.1397	70.9633

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+7.50	C39	364	DISX-COMB Max	0.6818	0	34.6932	21.5794	0	39.2353	63.0785
NE+7.50	C39	364	DISX-COMB Max	0.9091	0	34.6932	21.5794	0	34.3309	55.1937
NE+7.50	C39	364	DISX-COMB Max	1.1364	0	34.6932	21.5794	0	29.4265	47.3089
NE+7.50	C39	364	DISX-COMB Max	1.3636	0	34.6932	21.5794	0	24.5221	39.4241
NE+7.50	C39	364	DISX-COMB Max	1.5909	0	34.6932	21.5794	0	19.6177	31.5392
NE+7.50	C39	364	DISX-COMB Max	1.8182	0	34.6932	21.5794	0	14.7132	23.6544
NE+7.50	C39	364	DISX-COMB Max	2.0455	0	34.6932	21.5794	0	9.8088	15.7696
NE+7.50	C39	364	DISX-COMB Max	2.2727	0	34.6932	21.5794	0	4.9044	7.8848
NE+7.50	C39	364	DISX-COMB Max	2.5	0	34.6932	21.5794	0	0	0
NE+7.50	C39	364	DISY-COMB Max	0	0	2.593	35.6984	0	89.2461	6.4825
NE+7.50	C39	364	DISY-COMB Max	0.2273	0	2.593	35.6984	0	81.1328	5.8931
NE+7.50	C39	364	DISY-COMB Max	0.4545	0	2.593	35.6984	0	73.0195	5.3038
NE+7.50	C39	364	DISY-COMB Max	0.6818	0	2.593	35.6984	0	64.9062	4.7145
NE+7.50	C39	364	DISY-COMB Max	0.9091	0	2.593	35.6984	0	56.7929	4.1252
NE+7.50	C39	364	DISY-COMB Max	1.1364	0	2.593	35.6984	0	48.6797	3.5359
NE+7.50	C39	364	DISY-COMB Max	1.3636	0	2.593	35.6984	0	40.5664	2.9466
NE+7.50	C39	364	DISY-COMB Max	1.5909	0	2.593	35.6984	0	32.4531	2.3573
NE+7.50	C39	364	DISY-COMB Max	1.8182	0	2.593	35.6984	0	24.3398	1.7679
NE+7.50	C39	364	DISY-COMB Max	2.0455	0	2.593	35.6984	0	16.2266	1.1786
NE+7.50	C39	364	DISY-COMB Max	2.2727	0	2.593	35.6984	0	8.1133	0.5893
NE+7.50	C39	364	DISY-COMB Max	2.5	0	2.593	35.6984	0	0	0
NE+7.50	C39	364	B241	0	-60.844	-0.952	-0.0003	0	-0.0007	-2.38
NE+7.50	C39	364	B241	0.2273	-58.6104	-0.952	-0.0003	0	-0.0006	-2.1636
NE+7.50	C39	364	B241	0.4545	-56.3767	-0.952	-0.0003	0	-0.0006	-1.9473
NE+7.50	C39	364	B241	0.6818	-54.1431	-0.952	-0.0003	0	-0.0005	-1.7309
NE+7.50	C39	364	B241	0.9091	-51.9095	-0.952	-0.0003	0	-0.0004	-1.5145
NE+7.50	C39	364	B241	1.1364	-49.6758	-0.952	-0.0003	0	-0.0004	-1.2982
NE+7.50	C39	364	B241	1.3636	-47.4422	-0.952	-0.0003	0	-0.0003	-1.0818
NE+7.50	C39	364	B241	1.5909	-45.2085	-0.952	-0.0003	0	-0.0003	-0.8655
NE+7.50	C39	364	B241	1.8182	-42.9749	-0.952	-0.0003	0	-0.0002	-0.6491
NE+7.50	C39	364	B241	2.0455	-40.7413	-0.952	-0.0003	0	-0.0001	-0.4327
NE+7.50	C39	364	B241	2.2727	-38.5076	-0.952	-0.0003	0	-0.0001	-0.2164
NE+7.50	C39	364	B241	2.5	-36.274	-0.952	-0.0003	0	0	0
NE+7.50	C39	364	B242	0	-95.582	-0.696	-0.0002	0	-0.0006	-1.74
NE+7.50	C39	364	B242	0.2273	-93.6675	-0.696	-0.0002	0	-0.0005	-1.5818
NE+7.50	C39	364	B242	0.4545	-91.7529	-0.696	-0.0002	0	-0.0005	-1.4236
NE+7.50	C39	364	B242	0.6818	-89.8384	-0.696	-0.0002	0	-0.0004	-1.2655
NE+7.50	C39	364	B242	0.9091	-87.9238	-0.696	-0.0002	0	-0.0004	-1.1073
NE+7.50	C39	364	B242	1.1364	-86.0093	-0.696	-0.0002	0	-0.0003	-0.9491
NE+7.50	C39	364	B242	1.3636	-84.0947	-0.696	-0.0002	0	-0.0003	-0.7909
NE+7.50	C39	364	B242	1.5909	-82.1802	-0.696	-0.0002	0	-0.0002	-0.6327
NE+7.50	C39	364	B242	1.8182	-80.2656	-0.696	-0.0002	0	-0.0002	-0.4745
NE+7.50	C39	364	B242	2.0455	-78.3511	-0.696	-0.0002	0	-0.0001	-0.3164
NE+7.50	C39	364	B242	2.2727	-76.4365	-0.696	-0.0002	0	-0.0001	-0.1582
NE+7.50	C39	364	B242	2.5	-74.522	-0.696	-0.0002	0	0	0

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C20	290	Pprop	0	-60.3611	-55.0888	-13.9259	0.5593	-30.7721	-14.4507
NE+5.00	C20	290	Pprop	0.0091	-60.2921	-55.0888	-13.9259	0.5593	-30.6455	-13.9499
NE+5.00	C20	290	Pprop	0.0182	-60.2232	-55.0888	-13.9259	0.5593	-30.5189	-13.4491
NE+5.00	C20	290	Pprop	0.0273	-60.1543	-55.0888	-13.9259	0.5593	-30.3923	-12.9483
NE+5.00	C20	290	Pprop	0.0364	-60.0854	-55.0888	-13.9259	0.5593	-30.2657	-12.4475
NE+5.00	C20	290	Pprop	0.0455	-60.0164	-55.0888	-13.9259	0.5593	-30.1391	-11.9467
NE+5.00	C20	290	Pprop	0.0545	-59.9475	-55.0888	-13.9259	0.5593	-30.0125	-11.4459
NE+5.00	C20	290	Pprop	0.0636	-59.8786	-55.0888	-13.9259	0.5593	-29.8859	-10.9451
NE+5.00	C20	290	Pprop	0.0727	-59.8097	-55.0888	-13.9259	0.5593	-29.7593	-10.4443
NE+5.00	C20	290	Pprop	0.0818	-59.7407	-55.0888	-13.9259	0.5593	-29.6327	-9.9435
NE+5.00	C20	290	Pprop	0.0909	-59.6718	-55.0888	-13.9259	0.5593	-29.5061	-9.4426
NE+5.00	C20	290	Pprop	0.1	-59.6029	-55.0888	-13.9259	0.5593	-29.3795	-8.9418
NE+5.00	C20	290	Viva	0	-22.3914	-66.78	-9.0352	-1.2781	-22.3412	-29.2158
NE+5.00	C20	290	Viva	0.0091	-22.3914	-66.78	-9.0352	-1.2781	-22.2591	-28.6087
NE+5.00	C20	290	Viva	0.0182	-22.3914	-66.78	-9.0352	-1.2781	-22.177	-28.0016
NE+5.00	C20	290	Viva	0.0273	-22.3914	-66.78	-9.0352	-1.2781	-22.0948	-27.3945
NE+5.00	C20	290	Viva	0.0364	-22.3914	-66.78	-9.0352	-1.2781	-22.0127	-26.7874
NE+5.00	C20	290	Viva	0.0455	-22.3914	-66.78	-9.0352	-1.2781	-21.9305	-26.1803
NE+5.00	C20	290	Viva	0.0545	-22.3914	-66.78	-9.0352	-1.2781	-21.8484	-25.5732
NE+5.00	C20	290	Viva	0.0636	-22.3914	-66.78	-9.0352	-1.2781	-21.7663	-24.9661
NE+5.00	C20	290	Viva	0.0727	-22.3914	-66.78	-9.0352	-1.2781	-21.6841	-24.359
NE+5.00	C20	290	Viva	0.0818	-22.3914	-66.78	-9.0352	-1.2781	-21.602	-23.752
NE+5.00	C20	290	Viva	0.0909	-22.3914	-66.78	-9.0352	-1.2781	-21.5198	-23.1449
NE+5.00	C20	290	Viva	0.1	-22.3914	-66.78	-9.0352	-1.2781	-21.4377	-22.5378
NE+5.00	C20	290	Psup	0	-104.3441	-107.6725	-64.6237	-2.897	-98.234	-28.0584
NE+5.00	C20	290	Psup	0.0091	-104.3441	-107.6725	-64.6237	-2.897	-97.6465	-27.0796
NE+5.00	C20	290	Psup	0.0182	-104.3441	-107.6725	-64.6237	-2.897	-97.059	-26.1007
NE+5.00	C20	290	Psup	0.0273	-104.3441	-107.6725	-64.6237	-2.897	-96.4716	-25.1219
NE+5.00	C20	290	Psup	0.0364	-104.3441	-107.6725	-64.6237	-2.897	-95.8841	-24.143
NE+5.00	C20	290	Psup	0.0455	-104.3441	-107.6725	-64.6237	-2.897	-95.2966	-23.1642
NE+5.00	C20	290	Psup	0.0545	-104.3441	-107.6725	-64.6237	-2.897	-94.7091	-22.1854
NE+5.00	C20	290	Psup	0.0636	-104.3441	-107.6725	-64.6237	-2.897	-94.1216	-21.2065
NE+5.00	C20	290	Psup	0.0727	-104.3441	-107.6725	-64.6237	-2.897	-93.5341	-20.2277
NE+5.00	C20	290	Psup	0.0818	-104.3441	-107.6725	-64.6237	-2.897	-92.9466	-19.2488
NE+5.00	C20	290	Psup	0.0909	-104.3441	-107.6725	-64.6237	-2.897	-92.3591	-18.27
NE+5.00	C20	290	Psup	0.1	-104.3441	-107.6725	-64.6237	-2.897	-91.7717	-17.2912
NE+5.00	C20	290	Viva.cub	0	-86.7671	-1.1421	0.1986	0.0271	0.9237	0.1899
NE+5.00	C20	290	Viva.cub	0.0091	-86.7671	-1.1421	0.1986	0.0271	0.9219	0.2002
NE+5.00	C20	290	Viva.cub	0.0182	-86.7671	-1.1421	0.1986	0.0271	0.9201	0.2106
NE+5.00	C20	290	Viva.cub	0.0273	-86.7671	-1.1421	0.1986	0.0271	0.9183	0.221
NE+5.00	C20	290	Viva.cub	0.0364	-86.7671	-1.1421	0.1986	0.0271	0.9164	0.2314
NE+5.00	C20	290	Viva.cub	0.0455	-86.7671	-1.1421	0.1986	0.0271	0.9146	0.2418
NE+5.00	C20	290	Viva.cub	0.0545	-86.7671	-1.1421	0.1986	0.0271	0.9128	0.2522
NE+5.00	C20	290	Viva.cub	0.0636	-86.7671	-1.1421	0.1986	0.0271	0.911	0.2625
NE+5.00	C20	290	Viva.cub	0.0727	-86.7671	-1.1421	0.1986	0.0271	0.9092	0.2729

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C20	290	Viva.cub	0.0818	-86.7671	-1.1421	0.1986	0.0271	0.9074	0.2833
NE+5.00	C20	290	Viva.cub	0.0909	-86.7671	-1.1421	0.1986	0.0271	0.9056	0.2937
NE+5.00	C20	290	Viva.cub	0.1	-86.7671	-1.1421	0.1986	0.0271	0.9038	0.3041
NE+5.00	C20	290	DISX-COMB Max	0	77.3237	57.7147	187.7852	156.1156	35.8007	45.3857
NE+5.00	C20	290	DISX-COMB Max	0.0091	77.3237	57.7147	187.7852	156.1156	34.3888	45.8938
NE+5.00	C20	290	DISX-COMB Max	0.0182	77.3237	57.7147	187.7852	156.1156	33.0047	46.4022
NE+5.00	C20	290	DISX-COMB Max	0.0273	77.3237	57.7147	187.7852	156.1156	31.6523	46.9111
NE+5.00	C20	290	DISX-COMB Max	0.0364	77.3237	57.7147	187.7852	156.1156	30.3356	47.4202
NE+5.00	C20	290	DISX-COMB Max	0.0455	77.3237	57.7147	187.7852	156.1156	29.0596	47.9298
NE+5.00	C20	290	DISX-COMB Max	0.0545	77.3237	57.7147	187.7852	156.1156	27.8298	48.4396
NE+5.00	C20	290	DISX-COMB Max	0.0636	77.3237	57.7147	187.7852	156.1156	26.6527	48.9497
NE+5.00	C20	290	DISX-COMB Max	0.0727	77.3237	57.7147	187.7852	156.1156	25.5355	49.4602
NE+5.00	C20	290	DISX-COMB Max	0.0818	77.3237	57.7147	187.7852	156.1156	24.4865	49.9709
NE+5.00	C20	290	DISX-COMB Max	0.0909	77.3237	57.7147	187.7852	156.1156	23.5147	50.482
NE+5.00	C20	290	DISX-COMB Max	0.1	77.3237	57.7147	187.7852	156.1156	22.6301	50.9933
NE+5.00	C20	290	DISY-COMB Max	0	68.2502	25.6172	315.2509	5.4343	76.0662	16.1608
NE+5.00	C20	290	DISY-COMB Max	0.0091	68.2502	25.6172	315.2509	5.4343	73.3204	15.9368
NE+5.00	C20	290	DISY-COMB Max	0.0182	68.2502	25.6172	315.2509	5.4343	70.5841	15.7131
NE+5.00	C20	290	DISY-COMB Max	0.0273	68.2502	25.6172	315.2509	5.4343	67.8584	15.4896
NE+5.00	C20	290	DISY-COMB Max	0.0364	68.2502	25.6172	315.2509	5.4343	65.1449	15.2664
NE+5.00	C20	290	DISY-COMB Max	0.0455	68.2502	25.6172	315.2509	5.4343	62.4449	15.0435
NE+5.00	C20	290	DISY-COMB Max	0.0545	68.2502	25.6172	315.2509	5.4343	59.7604	14.8209
NE+5.00	C20	290	DISY-COMB Max	0.0636	68.2502	25.6172	315.2509	5.4343	57.0935	14.5986
NE+5.00	C20	290	DISY-COMB Max	0.0727	68.2502	25.6172	315.2509	5.4343	54.4469	14.3767
NE+5.00	C20	290	DISY-COMB Max	0.0818	68.2502	25.6172	315.2509	5.4343	51.8236	14.1551
NE+5.00	C20	290	DISY-COMB Max	0.0909	68.2502	25.6172	315.2509	5.4343	49.2273	13.9339
NE+5.00	C20	290	DISY-COMB Max	0.1	68.2502	25.6172	315.2509	5.4343	46.6626	13.713
NE+5.00	C20	290	B241	0	-213.5066	-210.9869	-101.8236	-3.0303	-167.2302	-55.1044
NE+5.00	C20	290	B241	0.0091	-213.4173	-210.9869	-101.8236	-3.0303	-166.3045	-53.1864
NE+5.00	C20	290	B241	0.0182	-213.3279	-210.9869	-101.8236	-3.0303	-165.3789	-51.2683
NE+5.00	C20	290	B241	0.0273	-213.2386	-210.9869	-101.8236	-3.0303	-164.4532	-49.3502
NE+5.00	C20	290	B241	0.0364	-213.1493	-210.9869	-101.8236	-3.0303	-163.5275	-47.4322
NE+5.00	C20	290	B241	0.0455	-213.0599	-210.9869	-101.8236	-3.0303	-162.6019	-45.5141
NE+5.00	C20	290	B241	0.0545	-212.9706	-210.9869	-101.8236	-3.0303	-161.6762	-43.5961
NE+5.00	C20	290	B241	0.0636	-212.8812	-210.9869	-101.8236	-3.0303	-160.7505	-41.678
NE+5.00	C20	290	B241	0.0727	-212.7919	-210.9869	-101.8236	-3.0303	-159.8249	-39.7599
NE+5.00	C20	290	B241	0.0818	-212.7025	-210.9869	-101.8236	-3.0303	-158.8992	-37.8419
NE+5.00	C20	290	B241	0.0909	-212.6132	-210.9869	-101.8236	-3.0303	-157.9735	-35.9238
NE+5.00	C20	290	B241	0.1	-212.5238	-210.9869	-101.8236	-3.0303	-157.0479	-34.0057
NE+5.00	C20	290	B242	0	-262.2155	-288.2651	-101.6344	-4.6287	-178.6243	-93.8827
NE+5.00	C20	290	B242	0.0091	-262.1389	-288.2651	-101.6344	-4.6287	-177.7004	-91.2621
NE+5.00	C20	290	B242	0.0182	-262.0623	-288.2651	-101.6344	-4.6287	-176.7764	-88.6415
NE+5.00	C20	290	B242	0.0273	-261.9858	-288.2651	-101.6344	-4.6287	-175.8525	-86.0209
NE+5.00	C20	290	B242	0.0364	-261.9092	-288.2651	-101.6344	-4.6287	-174.9285	-83.4003
NE+5.00	C20	290	B242	0.0455	-261.8326	-288.2651	-101.6344	-4.6287	-174.0046	-80.7797

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C20	290	B242	0.0545	-261.756	-288.2651	-101.6344	-4.6287	-173.0806	-78.1591
NE+5.00	C20	290	B242	0.0636	-261.6794	-288.2651	-101.6344	-4.6287	-172.1567	-75.5385
NE+5.00	C20	290	B242	0.0727	-261.6029	-288.2651	-101.6344	-4.6287	-171.2327	-72.9179
NE+5.00	C20	290	B242	0.0818	-261.5263	-288.2651	-101.6344	-4.6287	-170.3088	-70.2974
NE+5.00	C20	290	B242	0.0909	-261.4497	-288.2651	-101.6344	-4.6287	-169.3848	-67.6768
NE+5.00	C20	290	B242	0.1	-261.3731	-288.2651	-101.6344	-4.6287	-168.4609	-65.0562
NE+5.00	C21	305	Pprop	0	-92.3792	1.3692	21.2062	-0.2511	-27.0235	-0.4355
NE+5.00	C21	305	Pprop	0.0091	-92.3126	1.3692	21.2062	-0.2511	-27.2162	-0.448
NE+5.00	C21	305	Pprop	0.0182	-92.246	1.3692	21.2062	-0.2511	-27.409	-0.4604
NE+5.00	C21	305	Pprop	0.0273	-92.1794	1.3692	21.2062	-0.2511	-27.6018	-0.4729
NE+5.00	C21	305	Pprop	0.0364	-92.1127	1.3692	21.2062	-0.2511	-27.7946	-0.4853
NE+5.00	C21	305	Pprop	0.0455	-92.0461	1.3692	21.2062	-0.2511	-27.9874	-0.4978
NE+5.00	C21	305	Pprop	0.0545	-91.9795	1.3692	21.2062	-0.2511	-28.1802	-0.5102
NE+5.00	C21	305	Pprop	0.0636	-91.9129	1.3692	21.2062	-0.2511	-28.3729	-0.5227
NE+5.00	C21	305	Pprop	0.0727	-91.8462	1.3692	21.2062	-0.2511	-28.5657	-0.5351
NE+5.00	C21	305	Pprop	0.0818	-91.7796	1.3692	21.2062	-0.2511	-28.7585	-0.5476
NE+5.00	C21	305	Pprop	0.0909	-91.713	1.3692	21.2062	-0.2511	-28.9513	-0.56
NE+5.00	C21	305	Pprop	0.1	-91.6464	1.3692	21.2062	-0.2511	-29.1441	-0.5724
NE+5.00	C21	305	Viva	0	-56.4587	-3.1744	18.7506	-0.8769	-35.335	-2.2157
NE+5.00	C21	305	Viva	0.0091	-56.4587	-3.1744	18.7506	-0.8769	-35.5055	-2.1869
NE+5.00	C21	305	Viva	0.0182	-56.4587	-3.1744	18.7506	-0.8769	-35.6759	-2.158
NE+5.00	C21	305	Viva	0.0273	-56.4587	-3.1744	18.7506	-0.8769	-35.8464	-2.1292
NE+5.00	C21	305	Viva	0.0364	-56.4587	-3.1744	18.7506	-0.8769	-36.0168	-2.1003
NE+5.00	C21	305	Viva	0.0455	-56.4587	-3.1744	18.7506	-0.8769	-36.1873	-2.0714
NE+5.00	C21	305	Viva	0.0545	-56.4587	-3.1744	18.7506	-0.8769	-36.3578	-2.0426
NE+5.00	C21	305	Viva	0.0636	-56.4587	-3.1744	18.7506	-0.8769	-36.5282	-2.0137
NE+5.00	C21	305	Viva	0.0727	-56.4587	-3.1744	18.7506	-0.8769	-36.6987	-1.9849
NE+5.00	C21	305	Viva	0.0818	-56.4587	-3.1744	18.7506	-0.8769	-36.8691	-1.956
NE+5.00	C21	305	Viva	0.0909	-56.4587	-3.1744	18.7506	-0.8769	-37.0396	-1.9271
NE+5.00	C21	305	Viva	0.1	-56.4587	-3.1744	18.7506	-0.8769	-37.2101	-1.8983
NE+5.00	C21	305	Psup	0	-227.9872	2.1386	109.154	-1.4	-102.2137	-3.6617
NE+5.00	C21	305	Psup	0.0091	-227.9872	2.1386	109.154	-1.4	-103.206	-3.6811
NE+5.00	C21	305	Psup	0.0182	-227.9872	2.1386	109.154	-1.4	-104.1983	-3.7006
NE+5.00	C21	305	Psup	0.0273	-227.9872	2.1386	109.154	-1.4	-105.1906	-3.72
NE+5.00	C21	305	Psup	0.0364	-227.9872	2.1386	109.154	-1.4	-106.1829	-3.7394
NE+5.00	C21	305	Psup	0.0455	-227.9872	2.1386	109.154	-1.4	-107.1752	-3.7589
NE+5.00	C21	305	Psup	0.0545	-227.9872	2.1386	109.154	-1.4	-108.1675	-3.7783
NE+5.00	C21	305	Psup	0.0636	-227.9872	2.1386	109.154	-1.4	-109.1598	-3.7978
NE+5.00	C21	305	Psup	0.0727	-227.9872	2.1386	109.154	-1.4	-110.1522	-3.8172
NE+5.00	C21	305	Psup	0.0818	-227.9872	2.1386	109.154	-1.4	-111.1445	-3.8367
NE+5.00	C21	305	Psup	0.0909	-227.9872	2.1386	109.154	-1.4	-112.1368	-3.8561
NE+5.00	C21	305	Psup	0.1	-227.9872	2.1386	109.154	-1.4	-113.1291	-3.8755
NE+5.00	C21	305	Viva.cub	0	-86.5173	0.617	0.5288	-0.0323	1.0601	-0.0788
NE+5.00	C21	305	Viva.cub	0.0091	-86.5173	0.617	0.5288	-0.0323	1.0553	-0.0844
NE+5.00	C21	305	Viva.cub	0.0182	-86.5173	0.617	0.5288	-0.0323	1.0505	-0.09

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C21	305	Viva.cub	0.0273	-86.5173	0.617	0.5288	-0.0323	1.0456	-0.0956
NE+5.00	C21	305	Viva.cub	0.0364	-86.5173	0.617	0.5288	-0.0323	1.0408	-0.1012
NE+5.00	C21	305	Viva.cub	0.0455	-86.5173	0.617	0.5288	-0.0323	1.036	-0.1068
NE+5.00	C21	305	Viva.cub	0.0545	-86.5173	0.617	0.5288	-0.0323	1.0312	-0.1124
NE+5.00	C21	305	Viva.cub	0.0636	-86.5173	0.617	0.5288	-0.0323	1.0264	-0.118
NE+5.00	C21	305	Viva.cub	0.0727	-86.5173	0.617	0.5288	-0.0323	1.0216	-0.1236
NE+5.00	C21	305	Viva.cub	0.0818	-86.5173	0.617	0.5288	-0.0323	1.0168	-0.1292
NE+5.00	C21	305	Viva.cub	0.0909	-86.5173	0.617	0.5288	-0.0323	1.012	-0.1349
NE+5.00	C21	305	Viva.cub	0.1	-86.5173	0.617	0.5288	-0.0323	1.0072	-0.1405
NE+5.00	C21	305	DISX-COMB Max	0	22.478	359.2562	125.5601	168.1953	33.686	15.2452
NE+5.00	C21	305	DISX-COMB Max	0.0091	22.478	359.2562	125.5601	168.1953	32.6335	15.7517
NE+5.00	C21	305	DISX-COMB Max	0.0182	22.478	359.2562	125.5601	168.1953	31.5873	16.8864
NE+5.00	C21	305	DISX-COMB Max	0.0273	22.478	359.2562	125.5601	168.1953	30.5479	18.5342
NE+5.00	C21	305	DISX-COMB Max	0.0364	22.478	359.2562	125.5601	168.1953	29.516	20.5722
NE+5.00	C21	305	DISX-COMB Max	0.0455	22.478	359.2562	125.5601	168.1953	28.4925	22.8965
NE+5.00	C21	305	DISX-COMB Max	0.0545	22.478	359.2562	125.5601	168.1953	27.4783	25.4286
NE+5.00	C21	305	DISX-COMB Max	0.0636	22.478	359.2562	125.5601	168.1953	26.4744	28.1125
NE+5.00	C21	305	DISX-COMB Max	0.0727	22.478	359.2562	125.5601	168.1953	25.4822	30.9087
NE+5.00	C21	305	DISX-COMB Max	0.0818	22.478	359.2562	125.5601	168.1953	24.5029	33.7892
NE+5.00	C21	305	DISX-COMB Max	0.0909	22.478	359.2562	125.5601	168.1953	23.5382	36.7343
NE+5.00	C21	305	DISX-COMB Max	0.1	22.478	359.2562	125.5601	168.1953	22.5901	39.7296
NE+5.00	C21	305	DISY-COMB Max	0	65.9129	13.1726	357.3514	7.7335	119.0548	2.4863
NE+5.00	C21	305	DISY-COMB Max	0.0091	65.9129	13.1726	357.3514	7.7335	115.9446	2.5507
NE+5.00	C21	305	DISY-COMB Max	0.0182	65.9129	13.1726	357.3514	7.7335	112.8423	2.619
NE+5.00	C21	305	DISY-COMB Max	0.0273	65.9129	13.1726	357.3514	7.7335	109.7484	2.6909
NE+5.00	C21	305	DISY-COMB Max	0.0364	65.9129	13.1726	357.3514	7.7335	106.6637	2.7661
NE+5.00	C21	305	DISY-COMB Max	0.0455	65.9129	13.1726	357.3514	7.7335	103.5891	2.8444
NE+5.00	C21	305	DISY-COMB Max	0.0545	65.9129	13.1726	357.3514	7.7335	100.5253	2.9254
NE+5.00	C21	305	DISY-COMB Max	0.0636	65.9129	13.1726	357.3514	7.7335	97.4736	3.0091
NE+5.00	C21	305	DISY-COMB Max	0.0727	65.9129	13.1726	357.3514	7.7335	94.435	3.0951
NE+5.00	C21	305	DISY-COMB Max	0.0818	65.9129	13.1726	357.3514	7.7335	91.4109	3.1833
NE+5.00	C21	305	DISY-COMB Max	0.0909	65.9129	13.1726	357.3514	7.7335	88.4026	3.2735
NE+5.00	C21	305	DISY-COMB Max	0.1	65.9129	13.1726	357.3514	7.7335	85.412	3.3656
NE+5.00	C21	305	B241	0	-415.2898	4.5471	168.9854	-2.1403	-167.5296	-5.3112
NE+5.00	C21	305	B241	0.0091	-415.2035	4.5471	168.9854	-2.1403	-169.0659	-5.3525
NE+5.00	C21	305	B241	0.0182	-415.1171	4.5471	168.9854	-2.1403	-170.6021	-5.3939
NE+5.00	C21	305	B241	0.0273	-415.0307	4.5471	168.9854	-2.1403	-172.1383	-5.4352
NE+5.00	C21	305	B241	0.0364	-414.9444	4.5471	168.9854	-2.1403	-173.6746	-5.4765
NE+5.00	C21	305	B241	0.0455	-414.858	4.5471	168.9854	-2.1403	-175.2108	-5.5179
NE+5.00	C21	305	B241	0.0545	-414.7716	4.5471	168.9854	-2.1403	-176.747	-5.5592
NE+5.00	C21	305	B241	0.0636	-414.6853	4.5471	168.9854	-2.1403	-178.2832	-5.6006
NE+5.00	C21	305	B241	0.0727	-414.5989	4.5471	168.9854	-2.1403	-179.8195	-5.6419
NE+5.00	C21	305	B241	0.0818	-414.5125	4.5471	168.9854	-2.1403	-181.3557	-5.6832
NE+5.00	C21	305	B241	0.0909	-414.4262	4.5471	168.9854	-2.1403	-182.8919	-5.7246
NE+5.00	C21	305	B241	0.1	-414.3398	4.5471	168.9854	-2.1403	-184.4282	-5.7659

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C21	305	B242	0	-489.5553	-0.873	175.11	-3.2538	-199.6028	-8.137
NE+5.00	C21	305	B242	0.0091	-489.4813	-0.873	175.11	-3.2538	-201.1947	-8.1291
NE+5.00	C21	305	B242	0.0182	-489.4073	-0.873	175.11	-3.2538	-202.7866	-8.1211
NE+5.00	C21	305	B242	0.0273	-489.3332	-0.873	175.11	-3.2538	-204.3785	-8.1132
NE+5.00	C21	305	B242	0.0364	-489.2592	-0.873	175.11	-3.2538	-205.9704	-8.1053
NE+5.00	C21	305	B242	0.0455	-489.1852	-0.873	175.11	-3.2538	-207.5623	-8.0973
NE+5.00	C21	305	B242	0.0545	-489.1112	-0.873	175.11	-3.2538	-209.1543	-8.0894
NE+5.00	C21	305	B242	0.0636	-489.0371	-0.873	175.11	-3.2538	-210.7462	-8.0814
NE+5.00	C21	305	B242	0.0727	-488.9631	-0.873	175.11	-3.2538	-212.3381	-8.0735
NE+5.00	C21	305	B242	0.0818	-488.8891	-0.873	175.11	-3.2538	-213.93	-8.0656
NE+5.00	C21	305	B242	0.0909	-488.8151	-0.873	175.11	-3.2538	-215.5219	-8.0576
NE+5.00	C21	305	B242	0.1	-488.741	-0.873	175.11	-3.2538	-217.1138	-8.0497
NE+5.00	C22	320	Pprop	0	-90.7318	3.1375	4.4812	0.2314	-36.7849	1.0668
NE+5.00	C22	320	Pprop	0.0091	-90.6629	3.1375	4.4812	0.2314	-36.8256	1.0383
NE+5.00	C22	320	Pprop	0.0182	-90.5939	3.1375	4.4812	0.2314	-36.8663	1.0098
NE+5.00	C22	320	Pprop	0.0273	-90.525	3.1375	4.4812	0.2314	-36.9071	0.9812
NE+5.00	C22	320	Pprop	0.0364	-90.4561	3.1375	4.4812	0.2314	-36.9478	0.9527
NE+5.00	C22	320	Pprop	0.0455	-90.3872	3.1375	4.4812	0.2314	-36.9885	0.9242
NE+5.00	C22	320	Pprop	0.0545	-90.3183	3.1375	4.4812	0.2314	-37.0293	0.8957
NE+5.00	C22	320	Pprop	0.0636	-90.2493	3.1375	4.4812	0.2314	-37.07	0.8672
NE+5.00	C22	320	Pprop	0.0727	-90.1804	3.1375	4.4812	0.2314	-37.1108	0.8386
NE+5.00	C22	320	Pprop	0.0818	-90.1115	3.1375	4.4812	0.2314	-37.1515	0.8101
NE+5.00	C22	320	Pprop	0.0909	-90.0426	3.1375	4.4812	0.2314	-37.1922	0.7816
NE+5.00	C22	320	Pprop	0.1	-89.9736	3.1375	4.4812	0.2314	-37.233	0.7531
NE+5.00	C22	320	Viva	0	-52.5641	2.8216	-3.9183	0.1489	-46.7214	1.63
NE+5.00	C22	320	Viva	0.0091	-52.5641	2.8216	-3.9183	0.1489	-46.6858	1.6044
NE+5.00	C22	320	Viva	0.0182	-52.5641	2.8216	-3.9183	0.1489	-46.6502	1.5787
NE+5.00	C22	320	Viva	0.0273	-52.5641	2.8216	-3.9183	0.1489	-46.6146	1.5531
NE+5.00	C22	320	Viva	0.0364	-52.5641	2.8216	-3.9183	0.1489	-46.579	1.5274
NE+5.00	C22	320	Viva	0.0455	-52.5641	2.8216	-3.9183	0.1489	-46.5433	1.5018
NE+5.00	C22	320	Viva	0.0545	-52.5641	2.8216	-3.9183	0.1489	-46.5077	1.4761
NE+5.00	C22	320	Viva	0.0636	-52.5641	2.8216	-3.9183	0.1489	-46.4721	1.4505
NE+5.00	C22	320	Viva	0.0727	-52.5641	2.8216	-3.9183	0.1489	-46.4365	1.4248
NE+5.00	C22	320	Viva	0.0818	-52.5641	2.8216	-3.9183	0.1489	-46.4008	1.3992
NE+5.00	C22	320	Viva	0.0909	-52.5641	2.8216	-3.9183	0.1489	-46.3652	1.3735
NE+5.00	C22	320	Viva	0.1	-52.5641	2.8216	-3.9183	0.1489	-46.3296	1.3479
NE+5.00	C22	320	Psup	0	-213.7616	4.066	45.9847	0.8179	-133.899	2.0869
NE+5.00	C22	320	Psup	0.0091	-213.7616	4.066	45.9847	0.8179	-134.317	2.0499
NE+5.00	C22	320	Psup	0.0182	-213.7616	4.066	45.9847	0.8179	-134.7351	2.0129
NE+5.00	C22	320	Psup	0.0273	-213.7616	4.066	45.9847	0.8179	-135.1531	1.976
NE+5.00	C22	320	Psup	0.0364	-213.7616	4.066	45.9847	0.8179	-135.5712	1.939
NE+5.00	C22	320	Psup	0.0455	-213.7616	4.066	45.9847	0.8179	-135.9892	1.902
NE+5.00	C22	320	Psup	0.0545	-213.7616	4.066	45.9847	0.8179	-136.4072	1.8651
NE+5.00	C22	320	Psup	0.0636	-213.7616	4.066	45.9847	0.8179	-136.8253	1.8281
NE+5.00	C22	320	Psup	0.0727	-213.7616	4.066	45.9847	0.8179	-137.2433	1.7912

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C22	320	Psup	0.0818	-213.7616	4.066	45.9847	0.8179	-137.6614	1.7542
NE+5.00	C22	320	Psup	0.0909	-213.7616	4.066	45.9847	0.8179	-138.0794	1.7172
NE+5.00	C22	320	Psup	0.1	-213.7616	4.066	45.9847	0.8179	-138.4975	1.6803
NE+5.00	C22	320	Viva.cub	0	-87.0177	0.1302	0.3442	-0.0187	1.0071	-0.045
NE+5.00	C22	320	Viva.cub	0.0091	-87.0177	0.1302	0.3442	-0.0187	1.004	-0.0462
NE+5.00	C22	320	Viva.cub	0.0182	-87.0177	0.1302	0.3442	-0.0187	1.0008	-0.0474
NE+5.00	C22	320	Viva.cub	0.0273	-87.0177	0.1302	0.3442	-0.0187	0.9977	-0.0485
NE+5.00	C22	320	Viva.cub	0.0364	-87.0177	0.1302	0.3442	-0.0187	0.9946	-0.0497
NE+5.00	C22	320	Viva.cub	0.0455	-87.0177	0.1302	0.3442	-0.0187	0.9914	-0.0509
NE+5.00	C22	320	Viva.cub	0.0545	-87.0177	0.1302	0.3442	-0.0187	0.9883	-0.0521
NE+5.00	C22	320	Viva.cub	0.0636	-87.0177	0.1302	0.3442	-0.0187	0.9852	-0.0533
NE+5.00	C22	320	Viva.cub	0.0727	-87.0177	0.1302	0.3442	-0.0187	0.9821	-0.0545
NE+5.00	C22	320	Viva.cub	0.0818	-87.0177	0.1302	0.3442	-0.0187	0.9789	-0.0557
NE+5.00	C22	320	Viva.cub	0.0909	-87.0177	0.1302	0.3442	-0.0187	0.9758	-0.0568
NE+5.00	C22	320	Viva.cub	0.1	-87.0177	0.1302	0.3442	-0.0187	0.9727	-0.058
NE+5.00	C22	320	DISX-COMB Max	0	8.3857	374.7048	28.1575	147.0034	8.5785	32.4895
NE+5.00	C22	320	DISX-COMB Max	0.0091	8.3857	374.7048	28.1575	147.0034	8.4812	29.4383
NE+5.00	C22	320	DISX-COMB Max	0.0182	8.3857	374.7048	28.1575	147.0034	8.3907	26.4738
NE+5.00	C22	320	DISX-COMB Max	0.0273	8.3857	374.7048	28.1575	147.0034	8.307	23.6288
NE+5.00	C22	320	DISX-COMB Max	0.0364	8.3857	374.7048	28.1575	147.0034	8.2305	20.952
NE+5.00	C22	320	DISX-COMB Max	0.0455	8.3857	374.7048	28.1575	147.0034	8.1612	18.5164
NE+5.00	C22	320	DISX-COMB Max	0.0545	8.3857	374.7048	28.1575	147.0034	8.0995	16.4297
NE+5.00	C22	320	DISX-COMB Max	0.0636	8.3857	374.7048	28.1575	147.0034	8.0455	14.8398
NE+5.00	C22	320	DISX-COMB Max	0.0727	8.3857	374.7048	28.1575	147.0034	7.9992	13.9181
NE+5.00	C22	320	DISX-COMB Max	0.0818	8.3857	374.7048	28.1575	147.0034	7.961	13.7991
NE+5.00	C22	320	DISX-COMB Max	0.0909	8.3857	374.7048	28.1575	147.0034	7.9308	14.5025
NE+5.00	C22	320	DISX-COMB Max	0.1	8.3857	374.7048	28.1575	147.0034	7.9088	15.9197
NE+5.00	C22	320	DISY-COMB Max	0	64.922	17.5847	307.3432	7.4129	83.834	1.2567
NE+5.00	C22	320	DISY-COMB Max	0.0091	64.922	17.5847	307.3432	7.4129	81.0807	1.1053
NE+5.00	C22	320	DISY-COMB Max	0.0182	64.922	17.5847	307.3432	7.4129	78.3302	0.9567
NE+5.00	C22	320	DISY-COMB Max	0.0273	64.922	17.5847	307.3432	7.4129	75.5829	0.8123
NE+5.00	C22	320	DISY-COMB Max	0.0364	64.922	17.5847	307.3432	7.4129	72.8391	0.675
NE+5.00	C22	320	DISY-COMB Max	0.0455	64.922	17.5847	307.3432	7.4129	70.0994	0.5499
NE+5.00	C22	320	DISY-COMB Max	0.0545	64.922	17.5847	307.3432	7.4129	67.3641	0.4476
NE+5.00	C22	320	DISY-COMB Max	0.0636	64.922	17.5847	307.3432	7.4129	64.6338	0.3865
NE+5.00	C22	320	DISY-COMB Max	0.0727	64.922	17.5847	307.3432	7.4129	61.9092	0.3867
NE+5.00	C22	320	DISY-COMB Max	0.0818	64.922	17.5847	307.3432	7.4129	59.1911	0.4481
NE+5.00	C22	320	DISY-COMB Max	0.0909	64.922	17.5847	307.3432	7.4129	56.4804	0.5506
NE+5.00	C22	320	DISY-COMB Max	0.1	64.922	17.5847	307.3432	7.4129	53.7782	0.6758
NE+5.00	C22	320	B241	0	-394.7137	9.3379	65.4188	1.3601	-221.2568	4.0881
NE+5.00	C22	320	B241	0.0091	-394.6244	9.3379	65.4188	1.3601	-221.8515	4.0032
NE+5.00	C22	320	B241	0.0182	-394.535	9.3379	65.4188	1.3601	-222.4463	3.9183
NE+5.00	C22	320	B241	0.0273	-394.4457	9.3379	65.4188	1.3601	-223.041	3.8334
NE+5.00	C22	320	B241	0.0364	-394.3563	9.3379	65.4188	1.3601	-223.6357	3.7485
NE+5.00	C22	320	B241	0.0455	-394.267	9.3379	65.4188	1.3601	-224.2304	3.6637

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C22	320	B241	0.0545	-394.1776	9.3379	65.4188	1.3601	-224.8251	3.5788
NE+5.00	C22	320	B241	0.0636	-394.0883	9.3379	65.4188	1.3601	-225.4198	3.4939
NE+5.00	C22	320	B241	0.0727	-393.9989	9.3379	65.4188	1.3601	-226.0146	3.409
NE+5.00	C22	320	B241	0.0818	-393.9096	9.3379	65.4188	1.3601	-226.6093	3.3241
NE+5.00	C22	320	B241	0.0909	-393.8203	9.3379	65.4188	1.3601	-227.204	3.2392
NE+5.00	C22	320	B241	0.1	-393.7309	9.3379	65.4188	1.3601	-227.7987	3.1543
NE+5.00	C22	320	B242	0	-465.9375	12.5835	49.976	1.3947	-263.8995	6.0896
NE+5.00	C22	320	B242	0.0091	-465.8609	12.5835	49.976	1.3947	-264.3538	5.9752
NE+5.00	C22	320	B242	0.0182	-465.7843	12.5835	49.976	1.3947	-264.8081	5.8608
NE+5.00	C22	320	B242	0.0273	-465.7077	12.5835	49.976	1.3947	-265.2624	5.7464
NE+5.00	C22	320	B242	0.0364	-465.6312	12.5835	49.976	1.3947	-265.7168	5.6321
NE+5.00	C22	320	B242	0.0455	-465.5546	12.5835	49.976	1.3947	-266.1711	5.5177
NE+5.00	C22	320	B242	0.0545	-465.478	12.5835	49.976	1.3947	-266.6254	5.4033
NE+5.00	C22	320	B242	0.0636	-465.4014	12.5835	49.976	1.3947	-267.0798	5.2889
NE+5.00	C22	320	B242	0.0727	-465.3248	12.5835	49.976	1.3947	-267.5341	5.1745
NE+5.00	C22	320	B242	0.0818	-465.2483	12.5835	49.976	1.3947	-267.9884	5.0601
NE+5.00	C22	320	B242	0.0909	-465.1717	12.5835	49.976	1.3947	-268.4427	4.9457
NE+5.00	C22	320	B242	0.1	-465.0951	12.5835	49.976	1.3947	-268.8971	4.8313
NE+5.00	C27	335	Pprop	0	-84.27	15.1755	0.4998	0.2223	-35.3639	3.3399
NE+5.00	C27	335	Pprop	0.0091	-84.2011	15.1755	0.4998	0.2223	-35.3685	3.202
NE+5.00	C27	335	Pprop	0.0182	-84.1322	15.1755	0.4998	0.2223	-35.373	3.064
NE+5.00	C27	335	Pprop	0.0273	-84.0633	15.1755	0.4998	0.2223	-35.3776	2.926
NE+5.00	C27	335	Pprop	0.0364	-83.9943	15.1755	0.4998	0.2223	-35.3821	2.7881
NE+5.00	C27	335	Pprop	0.0455	-83.9254	15.1755	0.4998	0.2223	-35.3866	2.6501
NE+5.00	C27	335	Pprop	0.0545	-83.8565	15.1755	0.4998	0.2223	-35.3912	2.5122
NE+5.00	C27	335	Pprop	0.0636	-83.7876	15.1755	0.4998	0.2223	-35.3957	2.3742
NE+5.00	C27	335	Pprop	0.0727	-83.7186	15.1755	0.4998	0.2223	-35.4003	2.2362
NE+5.00	C27	335	Pprop	0.0818	-83.6497	15.1755	0.4998	0.2223	-35.4048	2.0983
NE+5.00	C27	335	Pprop	0.0909	-83.5808	15.1755	0.4998	0.2223	-35.4094	1.9603
NE+5.00	C27	335	Pprop	0.1	-83.5119	15.1755	0.4998	0.2223	-35.4139	1.8224
NE+5.00	C27	335	Viva	0	-44.5178	18.8611	-14.8771	0.4912	-45.4731	6.5979
NE+5.00	C27	335	Viva	0.0091	-44.5178	18.8611	-14.8771	0.4912	-45.3379	6.4264
NE+5.00	C27	335	Viva	0.0182	-44.5178	18.8611	-14.8771	0.4912	-45.2026	6.255
NE+5.00	C27	335	Viva	0.0273	-44.5178	18.8611	-14.8771	0.4912	-45.0674	6.0835
NE+5.00	C27	335	Viva	0.0364	-44.5178	18.8611	-14.8771	0.4912	-44.9321	5.912
NE+5.00	C27	335	Viva	0.0455	-44.5178	18.8611	-14.8771	0.4912	-44.7969	5.7406
NE+5.00	C27	335	Viva	0.0545	-44.5178	18.8611	-14.8771	0.4912	-44.6616	5.5691
NE+5.00	C27	335	Viva	0.0636	-44.5178	18.8611	-14.8771	0.4912	-44.5264	5.3976
NE+5.00	C27	335	Viva	0.0727	-44.5178	18.8611	-14.8771	0.4912	-44.3911	5.2262
NE+5.00	C27	335	Viva	0.0818	-44.5178	18.8611	-14.8771	0.4912	-44.2559	5.0547
NE+5.00	C27	335	Viva	0.0909	-44.5178	18.8611	-14.8771	0.4912	-44.1206	4.8833
NE+5.00	C27	335	Viva	0.1	-44.5178	18.8611	-14.8771	0.4912	-43.9854	4.7118
NE+5.00	C27	335	Psup	0	-192.1485	33.2526	28.9097	0.9672	-124.6391	5.996
NE+5.00	C27	335	Psup	0.0091	-192.1485	33.2526	28.9097	0.9672	-124.9019	5.6937
NE+5.00	C27	335	Psup	0.0182	-192.1485	33.2526	28.9097	0.9672	-125.1647	5.3914

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C27	335	Psup	0.0273	-192.1485	33.2526	28.9097	0.9672	-125.4275	5.0891
NE+5.00	C27	335	Psup	0.0364	-192.1485	33.2526	28.9097	0.9672	-125.6903	4.7868
NE+5.00	C27	335	Psup	0.0455	-192.1485	33.2526	28.9097	0.9672	-125.9531	4.4845
NE+5.00	C27	335	Psup	0.0545	-192.1485	33.2526	28.9097	0.9672	-126.2159	4.1822
NE+5.00	C27	335	Psup	0.0636	-192.1485	33.2526	28.9097	0.9672	-126.4788	3.8799
NE+5.00	C27	335	Psup	0.0727	-192.1485	33.2526	28.9097	0.9672	-126.7416	3.5776
NE+5.00	C27	335	Psup	0.0818	-192.1485	33.2526	28.9097	0.9672	-127.0044	3.2753
NE+5.00	C27	335	Psup	0.0909	-192.1485	33.2526	28.9097	0.9672	-127.2672	2.973
NE+5.00	C27	335	Psup	0.1	-192.1485	33.2526	28.9097	0.9672	-127.53	2.6707
NE+5.00	C27	335	Viva.cub	0	-86.3828	-0.2617	0.322	-0.0112	0.9827	-0.0445
NE+5.00	C27	335	Viva.cub	0.0091	-86.3828	-0.2617	0.322	-0.0112	0.9798	-0.0421
NE+5.00	C27	335	Viva.cub	0.0182	-86.3828	-0.2617	0.322	-0.0112	0.9768	-0.0397
NE+5.00	C27	335	Viva.cub	0.0273	-86.3828	-0.2617	0.322	-0.0112	0.9739	-0.0374
NE+5.00	C27	335	Viva.cub	0.0364	-86.3828	-0.2617	0.322	-0.0112	0.971	-0.035
NE+5.00	C27	335	Viva.cub	0.0455	-86.3828	-0.2617	0.322	-0.0112	0.9681	-0.0326
NE+5.00	C27	335	Viva.cub	0.0545	-86.3828	-0.2617	0.322	-0.0112	0.9651	-0.0302
NE+5.00	C27	335	Viva.cub	0.0636	-86.3828	-0.2617	0.322	-0.0112	0.9622	-0.0278
NE+5.00	C27	335	Viva.cub	0.0727	-86.3828	-0.2617	0.322	-0.0112	0.9593	-0.0255
NE+5.00	C27	335	Viva.cub	0.0818	-86.3828	-0.2617	0.322	-0.0112	0.9563	-0.0231
NE+5.00	C27	335	Viva.cub	0.0909	-86.3828	-0.2617	0.322	-0.0112	0.9534	-0.0207
NE+5.00	C27	335	Viva.cub	0.1	-86.3828	-0.2617	0.322	-0.0112	0.9505	-0.0183
NE+5.00	C27	335	DISX-COMB Max	0	9.388	409.92	46.8548	138.7831	13.4634	37.2812
NE+5.00	C27	335	DISX-COMB Max	0.0091	9.388	409.92	46.8548	138.7831	13.0558	33.8178
NE+5.00	C27	335	DISX-COMB Max	0.0182	9.388	409.92	46.8548	138.7831	12.6494	30.4166
NE+5.00	C27	335	DISX-COMB Max	0.0273	9.388	409.92	46.8548	138.7831	12.2443	27.1012
NE+5.00	C27	335	DISX-COMB Max	0.0364	9.388	409.92	46.8548	138.7831	11.8406	23.9072
NE+5.00	C27	335	DISX-COMB Max	0.0455	9.388	409.92	46.8548	138.7831	11.4386	20.8903
NE+5.00	C27	335	DISX-COMB Max	0.0545	9.388	409.92	46.8548	138.7831	11.0384	18.1392
NE+5.00	C27	335	DISX-COMB Max	0.0636	9.388	409.92	46.8548	138.7831	10.6402	15.7933
NE+5.00	C27	335	DISX-COMB Max	0.0727	9.388	409.92	46.8548	138.7831	10.2442	14.0572
NE+5.00	C27	335	DISX-COMB Max	0.0818	9.388	409.92	46.8548	138.7831	9.8507	13.1739
NE+5.00	C27	335	DISX-COMB Max	0.0909	9.388	409.92	46.8548	138.7831	9.4601	13.3145
NE+5.00	C27	335	DISX-COMB Max	0.1	9.388	409.92	46.8548	138.7831	9.0726	14.449
NE+5.00	C27	335	DISY-COMB Max	0	62.1485	18.3875	303.5443	7.1101	83.9206	1.1925
NE+5.00	C27	335	DISY-COMB Max	0.0091	62.1485	18.3875	303.5443	7.1101	81.1742	1.0964
NE+5.00	C27	335	DISY-COMB Max	0.0182	62.1485	18.3875	303.5443	7.1101	78.4286	1.0188
NE+5.00	C27	335	DISY-COMB Max	0.0273	62.1485	18.3875	303.5443	7.1101	75.6841	0.9643
NE+5.00	C27	335	DISY-COMB Max	0.0364	62.1485	18.3875	303.5443	7.1101	72.9408	0.9368
NE+5.00	C27	335	DISY-COMB Max	0.0455	62.1485	18.3875	303.5443	7.1101	70.1987	0.9387
NE+5.00	C27	335	DISY-COMB Max	0.0545	62.1485	18.3875	303.5443	7.1101	67.458	0.9698
NE+5.00	C27	335	DISY-COMB Max	0.0636	62.1485	18.3875	303.5443	7.1101	64.7189	1.0275
NE+5.00	C27	335	DISY-COMB Max	0.0727	62.1485	18.3875	303.5443	7.1101	61.9816	1.1077
NE+5.00	C27	335	DISY-COMB Max	0.0818	62.1485	18.3875	303.5443	7.1101	59.2464	1.2059
NE+5.00	C27	335	DISY-COMB Max	0.0909	62.1485	18.3875	303.5443	7.1101	56.5135	1.318
NE+5.00	C27	335	DISY-COMB Max	0.1	62.1485	18.3875	303.5443	7.1101	53.7834	1.4408

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C27	335	B241	0	-358.3204	62.7772	38.1234	1.542	-207.4113	12.1021
NE+5.00	C27	335	B241	0.0091	-358.231	62.7772	38.1234	1.542	-207.7579	11.5314
NE+5.00	C27	335	B241	0.0182	-358.1417	62.7772	38.1234	1.542	-208.1044	10.9607
NE+5.00	C27	335	B241	0.0273	-358.0523	62.7772	38.1234	1.542	-208.451	10.39
NE+5.00	C27	335	B241	0.0364	-357.963	62.7772	38.1234	1.542	-208.7976	9.8193
NE+5.00	C27	335	B241	0.0455	-357.8736	62.7772	38.1234	1.542	-209.1442	9.2486
NE+5.00	C27	335	B241	0.0545	-357.7843	62.7772	38.1234	1.542	-209.4907	8.6779
NE+5.00	C27	335	B241	0.0636	-357.6949	62.7772	38.1234	1.542	-209.8373	8.1072
NE+5.00	C27	335	B241	0.0727	-357.6056	62.7772	38.1234	1.542	-210.1839	7.5365
NE+5.00	C27	335	B241	0.0818	-357.5162	62.7772	38.1234	1.542	-210.5305	6.9658
NE+5.00	C27	335	B241	0.0909	-357.4269	62.7772	38.1234	1.542	-210.877	6.3951
NE+5.00	C27	335	B241	0.1	-357.3376	62.7772	38.1234	1.542	-211.2236	5.8244
NE+5.00	C27	335	B242	0	-421.5516	83.856	9.0348	2.102	-250.0467	20.9076
NE+5.00	C27	335	B242	0.0091	-421.475	83.856	9.0348	2.102	-250.1288	20.1453
NE+5.00	C27	335	B242	0.0182	-421.3984	83.856	9.0348	2.102	-250.211	19.383
NE+5.00	C27	335	B242	0.0273	-421.3218	83.856	9.0348	2.102	-250.2931	18.6206
NE+5.00	C27	335	B242	0.0364	-421.2453	83.856	9.0348	2.102	-250.3753	17.8583
NE+5.00	C27	335	B242	0.0455	-421.1687	83.856	9.0348	2.102	-250.4574	17.096
NE+5.00	C27	335	B242	0.0545	-421.0921	83.856	9.0348	2.102	-250.5395	16.3337
NE+5.00	C27	335	B242	0.0636	-421.0155	83.856	9.0348	2.102	-250.6217	15.5713
NE+5.00	C27	335	B242	0.0727	-420.9389	83.856	9.0348	2.102	-250.7038	14.809
NE+5.00	C27	335	B242	0.0818	-420.8624	83.856	9.0348	2.102	-250.7859	14.0467
NE+5.00	C27	335	B242	0.0909	-420.7858	83.856	9.0348	2.102	-250.8681	13.2844
NE+5.00	C27	335	B242	0.1	-420.7092	83.856	9.0348	2.102	-250.9502	12.522
NE+5.00	C30	350	Pprop	0	-91.4485	-16.3181	11.8438	0.8232	-37.2897	-2.7718
NE+5.00	C30	350	Pprop	0.0091	-91.3796	-16.3181	11.8438	0.8232	-37.3974	-2.6234
NE+5.00	C30	350	Pprop	0.0182	-91.3106	-16.3181	11.8438	0.8232	-37.5051	-2.4751
NE+5.00	C30	350	Pprop	0.0273	-91.2417	-16.3181	11.8438	0.8232	-37.6127	-2.3268
NE+5.00	C30	350	Pprop	0.0364	-91.1728	-16.3181	11.8438	0.8232	-37.7204	-2.1784
NE+5.00	C30	350	Pprop	0.0455	-91.1039	-16.3181	11.8438	0.8232	-37.8281	-2.0301
NE+5.00	C30	350	Pprop	0.0545	-91.0349	-16.3181	11.8438	0.8232	-37.9358	-1.8817
NE+5.00	C30	350	Pprop	0.0636	-90.966	-16.3181	11.8438	0.8232	-38.0434	-1.7334
NE+5.00	C30	350	Pprop	0.0727	-90.8971	-16.3181	11.8438	0.8232	-38.1511	-1.585
NE+5.00	C30	350	Pprop	0.0818	-90.8282	-16.3181	11.8438	0.8232	-38.2588	-1.4367
NE+5.00	C30	350	Pprop	0.0909	-90.7592	-16.3181	11.8438	0.8232	-38.3664	-1.2883
NE+5.00	C30	350	Pprop	0.1	-90.6903	-16.3181	11.8438	0.8232	-38.4741	-1.14
NE+5.00	C30	350	Viva	0	-62.3581	-28.3402	8.0695	0.936	-50.932	-5.5316
NE+5.00	C30	350	Viva	0.0091	-62.3581	-28.3402	8.0695	0.936	-51.0054	-5.274
NE+5.00	C30	350	Viva	0.0182	-62.3581	-28.3402	8.0695	0.936	-51.0787	-5.0163
NE+5.00	C30	350	Viva	0.0273	-62.3581	-28.3402	8.0695	0.936	-51.1521	-4.7587
NE+5.00	C30	350	Viva	0.0364	-62.3581	-28.3402	8.0695	0.936	-51.2255	-4.5011
NE+5.00	C30	350	Viva	0.0455	-62.3581	-28.3402	8.0695	0.936	-51.2988	-4.2434
NE+5.00	C30	350	Viva	0.0545	-62.3581	-28.3402	8.0695	0.936	-51.3722	-3.9858
NE+5.00	C30	350	Viva	0.0636	-62.3581	-28.3402	8.0695	0.936	-51.4455	-3.7281
NE+5.00	C30	350	Viva	0.0727	-62.3581	-28.3402	8.0695	0.936	-51.5189	-3.4705

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C30	350	Viva	0.0818	-62.3581	-28.3402	8.0695	0.936	-51.5922	-3.2129
NE+5.00	C30	350	Viva	0.0909	-62.3581	-28.3402	8.0695	0.936	-51.6656	-2.9552
NE+5.00	C30	350	Viva	0.1	-62.3581	-28.3402	8.0695	0.936	-51.739	-2.6976
NE+5.00	C30	350	Psup	0	-209.2416	-32.6819	58.8795	1.6036	-124.7403	-2.1105
NE+5.00	C30	350	Psup	0.0091	-209.2416	-32.6819	58.8795	1.6036	-125.2756	-1.8134
NE+5.00	C30	350	Psup	0.0182	-209.2416	-32.6819	58.8795	1.6036	-125.8108	-1.5163
NE+5.00	C30	350	Psup	0.0273	-209.2416	-32.6819	58.8795	1.6036	-126.3461	-1.2191
NE+5.00	C30	350	Psup	0.0364	-209.2416	-32.6819	58.8795	1.6036	-126.8814	-0.922
NE+5.00	C30	350	Psup	0.0455	-209.2416	-32.6819	58.8795	1.6036	-127.4166	-0.6249
NE+5.00	C30	350	Psup	0.0545	-209.2416	-32.6819	58.8795	1.6036	-127.9519	-0.3278
NE+5.00	C30	350	Psup	0.0636	-209.2416	-32.6819	58.8795	1.6036	-128.4872	-0.0307
NE+5.00	C30	350	Psup	0.0727	-209.2416	-32.6819	58.8795	1.6036	-129.0224	0.2664
NE+5.00	C30	350	Psup	0.0818	-209.2416	-32.6819	58.8795	1.6036	-129.5577	0.5635
NE+5.00	C30	350	Psup	0.0909	-209.2416	-32.6819	58.8795	1.6036	-130.093	0.8606
NE+5.00	C30	350	Psup	0.1	-209.2416	-32.6819	58.8795	1.6036	-130.6282	1.1577
NE+5.00	C30	350	Viva.cub	0	-86.9653	1.3196	0.3447	-0.0368	1.0037	-0.095
NE+5.00	C30	350	Viva.cub	0.0091	-86.9653	1.3196	0.3447	-0.0368	1.0006	-0.107
NE+5.00	C30	350	Viva.cub	0.0182	-86.9653	1.3196	0.3447	-0.0368	0.9975	-0.119
NE+5.00	C30	350	Viva.cub	0.0273	-86.9653	1.3196	0.3447	-0.0368	0.9943	-0.131
NE+5.00	C30	350	Viva.cub	0.0364	-86.9653	1.3196	0.3447	-0.0368	0.9912	-0.143
NE+5.00	C30	350	Viva.cub	0.0455	-86.9653	1.3196	0.3447	-0.0368	0.9881	-0.155
NE+5.00	C30	350	Viva.cub	0.0545	-86.9653	1.3196	0.3447	-0.0368	0.9849	-0.167
NE+5.00	C30	350	Viva.cub	0.0636	-86.9653	1.3196	0.3447	-0.0368	0.9818	-0.179
NE+5.00	C30	350	Viva.cub	0.0727	-86.9653	1.3196	0.3447	-0.0368	0.9787	-0.191
NE+5.00	C30	350	Viva.cub	0.0818	-86.9653	1.3196	0.3447	-0.0368	0.9755	-0.203
NE+5.00	C30	350	Viva.cub	0.0909	-86.9653	1.3196	0.3447	-0.0368	0.9724	-0.215
NE+5.00	C30	350	Viva.cub	0.1	-86.9653	1.3196	0.3447	-0.0368	0.9693	-0.227
NE+5.00	C30	350	DISX-COMB Max	0	30.7169	427.5725	102.3972	126.3914	26.4271	40.5809
NE+5.00	C30	350	DISX-COMB Max	0.0091	30.7169	427.5725	102.3972	126.3914	25.7062	36.9509
NE+5.00	C30	350	DISX-COMB Max	0.0182	30.7169	427.5725	102.3972	126.3914	24.9992	33.3789
NE+5.00	C30	350	DISX-COMB Max	0.0273	30.7169	427.5725	102.3972	126.3914	24.3072	29.8856
NE+5.00	C30	350	DISX-COMB Max	0.0364	30.7169	427.5725	102.3972	126.3914	23.6316	26.5022
NE+5.00	C30	350	DISX-COMB Max	0.0455	30.7169	427.5725	102.3972	126.3914	22.974	23.2766
NE+5.00	C30	350	DISX-COMB Max	0.0545	30.7169	427.5725	102.3972	126.3914	22.3357	20.2843
NE+5.00	C30	350	DISX-COMB Max	0.0636	30.7169	427.5725	102.3972	126.3914	21.7186	17.6444
NE+5.00	C30	350	DISX-COMB Max	0.0727	30.7169	427.5725	102.3972	126.3914	21.1245	15.5375
NE+5.00	C30	350	DISX-COMB Max	0.0818	30.7169	427.5725	102.3972	126.3914	20.5555	14.2028
NE+5.00	C30	350	DISX-COMB Max	0.0909	30.7169	427.5725	102.3972	126.3914	20.0135	13.8651
NE+5.00	C30	350	DISX-COMB Max	0.1	30.7169	427.5725	102.3972	126.3914	19.501	14.594
NE+5.00	C30	350	DISY-COMB Max	0	60.9767	26.9903	293.5439	5.7115	84.676	6.4537
NE+5.00	C30	350	DISY-COMB Max	0.0091	60.9767	26.9903	293.5439	5.7115	82.0115	6.23
NE+5.00	C30	350	DISY-COMB Max	0.0182	60.9767	26.9903	293.5439	5.7115	79.3472	6.008
NE+5.00	C30	350	DISY-COMB Max	0.0273	60.9767	26.9903	293.5439	5.7115	76.6833	5.7878
NE+5.00	C30	350	DISY-COMB Max	0.0364	60.9767	26.9903	293.5439	5.7115	74.0197	5.5698
NE+5.00	C30	350	DISY-COMB Max	0.0455	60.9767	26.9903	293.5439	5.7115	71.3564	5.3541

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C30	350	DISY-COMB Max	0.0545	60.9767	26.9903	293.5439	5.7115	68.6936	5.1411
NE+5.00	C30	350	DISY-COMB Max	0.0636	60.9767	26.9903	293.5439	5.7115	66.0312	4.9311
NE+5.00	C30	350	DISY-COMB Max	0.0727	60.9767	26.9903	293.5439	5.7115	63.3693	4.7246
NE+5.00	C30	350	DISY-COMB Max	0.0818	60.9767	26.9903	293.5439	5.7115	60.7081	4.5218
NE+5.00	C30	350	DISY-COMB Max	0.0909	60.9767	26.9903	293.5439	5.7115	58.0475	4.3236
NE+5.00	C30	350	DISY-COMB Max	0.1	60.9767	26.9903	293.5439	5.7115	55.3876	4.1303
NE+5.00	C30	350	B241	0	-389.7834	-63.5185	91.6784	3.1458	-210.0389	-6.3289
NE+5.00	C30	350	B241	0.0091	-389.6941	-63.5185	91.6784	3.1458	-210.8724	-5.7514
NE+5.00	C30	350	B241	0.0182	-389.6047	-63.5185	91.6784	3.1458	-211.7058	-5.174
NE+5.00	C30	350	B241	0.0273	-389.5154	-63.5185	91.6784	3.1458	-212.5392	-4.5965
NE+5.00	C30	350	B241	0.0364	-389.426	-63.5185	91.6784	3.1458	-213.3727	-4.0191
NE+5.00	C30	350	B241	0.0455	-389.3367	-63.5185	91.6784	3.1458	-214.2061	-3.4416
NE+5.00	C30	350	B241	0.0545	-389.2473	-63.5185	91.6784	3.1458	-215.0396	-2.8642
NE+5.00	C30	350	B241	0.0636	-389.158	-63.5185	91.6784	3.1458	-215.873	-2.2868
NE+5.00	C30	350	B241	0.0727	-389.0686	-63.5185	91.6784	3.1458	-216.7064	-1.7093
NE+5.00	C30	350	B241	0.0818	-388.9793	-63.5185	91.6784	3.1458	-217.5399	-1.1319
NE+5.00	C30	350	B241	0.0909	-388.8899	-63.5185	91.6784	3.1458	-218.3733	-0.5544
NE+5.00	C30	350	B241	0.1	-388.8006	-63.5185	91.6784	3.1458	-219.2068	0.023
NE+5.00	C30	350	B242	0	-477.3556	-99.129	91.665	4.1756	-261.0227	-14.3228
NE+5.00	C30	350	B242	0.0091	-477.279	-99.129	91.665	4.1756	-261.856	-13.4216
NE+5.00	C30	350	B242	0.0182	-477.2024	-99.129	91.665	4.1756	-262.6894	-12.5205
NE+5.00	C30	350	B242	0.0273	-477.1259	-99.129	91.665	4.1756	-263.5227	-11.6193
NE+5.00	C30	350	B242	0.0364	-477.0493	-99.129	91.665	4.1756	-264.356	-10.7181
NE+5.00	C30	350	B242	0.0455	-476.9727	-99.129	91.665	4.1756	-265.1893	-9.817
NE+5.00	C30	350	B242	0.0545	-476.8961	-99.129	91.665	4.1756	-266.0226	-8.9158
NE+5.00	C30	350	B242	0.0636	-476.8195	-99.129	91.665	4.1756	-266.8559	-8.0146
NE+5.00	C30	350	B242	0.0727	-476.743	-99.129	91.665	4.1756	-267.6893	-7.1134
NE+5.00	C30	350	B242	0.0818	-476.6664	-99.129	91.665	4.1756	-268.5226	-6.2123
NE+5.00	C30	350	B242	0.0909	-476.5898	-99.129	91.665	4.1756	-269.3559	-5.3111
NE+5.00	C30	350	B242	0.1	-476.5132	-99.129	91.665	4.1756	-270.1892	-4.4099
NE+5.00	C39	2	Pprop	0	-62.7743	51.7595	-6.1843	-2.0395	-29.8451	13.028
NE+5.00	C39	2	Pprop	0.0091	-62.7053	51.7595	-6.1843	-2.0395	-29.7888	12.5574
NE+5.00	C39	2	Pprop	0.0182	-62.6364	51.7595	-6.1843	-2.0395	-29.7326	12.0869
NE+5.00	C39	2	Pprop	0.0273	-62.5675	51.7595	-6.1843	-2.0395	-29.6764	11.6164
NE+5.00	C39	2	Pprop	0.0364	-62.4986	51.7595	-6.1843	-2.0395	-29.6202	11.1458
NE+5.00	C39	2	Pprop	0.0455	-62.4297	51.7595	-6.1843	-2.0395	-29.5639	10.6753
NE+5.00	C39	2	Pprop	0.0545	-62.3607	51.7595	-6.1843	-2.0395	-29.5077	10.2047
NE+5.00	C39	2	Pprop	0.0636	-62.2918	51.7595	-6.1843	-2.0395	-29.4515	9.7342
NE+5.00	C39	2	Pprop	0.0727	-62.2229	51.7595	-6.1843	-2.0395	-29.3953	9.2637
NE+5.00	C39	2	Pprop	0.0818	-62.154	51.7595	-6.1843	-2.0395	-29.3391	8.7931
NE+5.00	C39	2	Pprop	0.0909	-62.085	51.7595	-6.1843	-2.0395	-29.2828	8.3226
NE+5.00	C39	2	Pprop	0.1	-62.0161	51.7595	-6.1843	-2.0395	-29.2266	7.852
NE+5.00	C39	2	Viva	0	-50.2794	75.9126	9.0397	-3.1606	-35.2644	27.4745
NE+5.00	C39	2	Viva	0.0091	-50.2794	75.9126	9.0397	-3.1606	-35.3466	26.7844
NE+5.00	C39	2	Viva	0.0182	-50.2794	75.9126	9.0397	-3.1606	-35.4287	26.0943

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C39	2	Viva	0.0273	-50.2794	75.9126	9.0397	-3.1606	-35.5109	25.4042
NE+5.00	C39	2	Viva	0.0364	-50.2794	75.9126	9.0397	-3.1606	-35.5931	24.7141
NE+5.00	C39	2	Viva	0.0455	-50.2794	75.9126	9.0397	-3.1606	-35.6753	24.024
NE+5.00	C39	2	Viva	0.0545	-50.2794	75.9126	9.0397	-3.1606	-35.7575	23.3339
NE+5.00	C39	2	Viva	0.0636	-50.2794	75.9126	9.0397	-3.1606	-35.8396	22.6437
NE+5.00	C39	2	Viva	0.0727	-50.2794	75.9126	9.0397	-3.1606	-35.9218	21.9536
NE+5.00	C39	2	Viva	0.0818	-50.2794	75.9126	9.0397	-3.1606	-36.004	21.2635
NE+5.00	C39	2	Viva	0.0909	-50.2794	75.9126	9.0397	-3.1606	-36.0862	20.5734
NE+5.00	C39	2	Viva	0.1	-50.2794	75.9126	9.0397	-3.1606	-36.1684	19.8833
NE+5.00	C39	2	Psup	0	-104.3558	101.1664	-35.9417	-1.9492	-81.6966	26.228
NE+5.00	C39	2	Psup	0.0091	-104.3558	101.1664	-35.9417	-1.9492	-81.3699	25.3083
NE+5.00	C39	2	Psup	0.0182	-104.3558	101.1664	-35.9417	-1.9492	-81.0431	24.3886
NE+5.00	C39	2	Psup	0.0273	-104.3558	101.1664	-35.9417	-1.9492	-80.7164	23.4689
NE+5.00	C39	2	Psup	0.0364	-104.3558	101.1664	-35.9417	-1.9492	-80.3896	22.5492
NE+5.00	C39	2	Psup	0.0455	-104.3558	101.1664	-35.9417	-1.9492	-80.0629	21.6295
NE+5.00	C39	2	Psup	0.0545	-104.3558	101.1664	-35.9417	-1.9492	-79.7361	20.7098
NE+5.00	C39	2	Psup	0.0636	-104.3558	101.1664	-35.9417	-1.9492	-79.4094	19.7901
NE+5.00	C39	2	Psup	0.0727	-104.3558	101.1664	-35.9417	-1.9492	-79.0827	18.8704
NE+5.00	C39	2	Psup	0.0818	-104.3558	101.1664	-35.9417	-1.9492	-78.7559	17.9507
NE+5.00	C39	2	Psup	0.0909	-104.3558	101.1664	-35.9417	-1.9492	-78.4292	17.031
NE+5.00	C39	2	Psup	0.1	-104.3558	101.1664	-35.9417	-1.9492	-78.1024	16.1113
NE+5.00	C39	2	Viva.cub	0	-86.6282	-0.8277	0.318	0.042	0.9716	0.0368
NE+5.00	C39	2	Viva.cub	0.0091	-86.6282	-0.8277	0.318	0.042	0.9687	0.0443
NE+5.00	C39	2	Viva.cub	0.0182	-86.6282	-0.8277	0.318	0.042	0.9659	0.0518
NE+5.00	C39	2	Viva.cub	0.0273	-86.6282	-0.8277	0.318	0.042	0.963	0.0594
NE+5.00	C39	2	Viva.cub	0.0364	-86.6282	-0.8277	0.318	0.042	0.9601	0.0669
NE+5.00	C39	2	Viva.cub	0.0455	-86.6282	-0.8277	0.318	0.042	0.9572	0.0744
NE+5.00	C39	2	Viva.cub	0.0545	-86.6282	-0.8277	0.318	0.042	0.9543	0.0819
NE+5.00	C39	2	Viva.cub	0.0636	-86.6282	-0.8277	0.318	0.042	0.9514	0.0895
NE+5.00	C39	2	Viva.cub	0.0727	-86.6282	-0.8277	0.318	0.042	0.9485	0.097
NE+5.00	C39	2	Viva.cub	0.0818	-86.6282	-0.8277	0.318	0.042	0.9456	0.1045
NE+5.00	C39	2	Viva.cub	0.0909	-86.6282	-0.8277	0.318	0.042	0.9427	0.112
NE+5.00	C39	2	Viva.cub	0.1	-86.6282	-0.8277	0.318	0.042	0.9398	0.1196
NE+5.00	C39	2	DISX-COMB Max	0	74.1709	65.6394	180.4172	194.1365	39.6574	37.7018
NE+5.00	C39	2	DISX-COMB Max	0.0091	74.1709	65.6394	180.4172	194.1365	38.2917	38.2767
NE+5.00	C39	2	DISX-COMB Max	0.0182	74.1709	65.6394	180.4172	194.1365	36.9482	38.8524
NE+5.00	C39	2	DISX-COMB Max	0.0273	74.1709	65.6394	180.4172	194.1365	35.6296	39.4286
NE+5.00	C39	2	DISX-COMB Max	0.0364	74.1709	65.6394	180.4172	194.1365	34.3387	40.0055
NE+5.00	C39	2	DISX-COMB Max	0.0455	74.1709	65.6394	180.4172	194.1365	33.0788	40.5829
NE+5.00	C39	2	DISX-COMB Max	0.0545	74.1709	65.6394	180.4172	194.1365	31.8535	41.1609
NE+5.00	C39	2	DISX-COMB Max	0.0636	74.1709	65.6394	180.4172	194.1365	30.667	41.7394
NE+5.00	C39	2	DISX-COMB Max	0.0727	74.1709	65.6394	180.4172	194.1365	29.5239	42.3184
NE+5.00	C39	2	DISX-COMB Max	0.0818	74.1709	65.6394	180.4172	194.1365	28.4296	42.8979
NE+5.00	C39	2	DISX-COMB Max	0.0909	74.1709	65.6394	180.4172	194.1365	27.3898	43.4779
NE+5.00	C39	2	DISX-COMB Max	0.1	74.1709	65.6394	180.4172	194.1365	26.411	44.0583

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C39	2	DISY-COMB Max	0	60.6842	13.5143	291.092	13.6339	77.5132	11.8893
NE+5.00	C39	2	DISY-COMB Max	0.0091	60.6842	13.5143	291.092	13.6339	74.8681	11.7707
NE+5.00	C39	2	DISY-COMB Max	0.0182	60.6842	13.5143	291.092	13.6339	72.223	11.6523
NE+5.00	C39	2	DISY-COMB Max	0.0273	60.6842	13.5143	291.092	13.6339	69.5781	11.534
NE+5.00	C39	2	DISY-COMB Max	0.0364	60.6842	13.5143	291.092	13.6339	66.9333	11.4158
NE+5.00	C39	2	DISY-COMB Max	0.0455	60.6842	13.5143	291.092	13.6339	64.2886	11.2977
NE+5.00	C39	2	DISY-COMB Max	0.0545	60.6842	13.5143	291.092	13.6339	61.644	11.1796
NE+5.00	C39	2	DISY-COMB Max	0.0636	60.6842	13.5143	291.092	13.6339	58.9996	11.0617
NE+5.00	C39	2	DISY-COMB Max	0.0727	60.6842	13.5143	291.092	13.6339	56.3554	10.9439
NE+5.00	C39	2	DISY-COMB Max	0.0818	60.6842	13.5143	291.092	13.6339	53.7114	10.8262
NE+5.00	C39	2	DISY-COMB Max	0.0909	60.6842	13.5143	291.092	13.6339	51.0676	10.7086
NE+5.00	C39	2	DISY-COMB Max	0.1	60.6842	13.5143	291.092	13.6339	48.4241	10.5912
NE+5.00	C39	2	B241	0	-216.6501	198.2372	-54.6078	-5.1706	-144.591	50.8874
NE+5.00	C39	2	B241	0.0091	-216.5608	198.2372	-54.6078	-5.1706	-144.0946	49.0852
NE+5.00	C39	2	B241	0.0182	-216.4714	198.2372	-54.6078	-5.1706	-143.5982	47.2831
NE+5.00	C39	2	B241	0.0273	-216.3821	198.2372	-54.6078	-5.1706	-143.1017	45.4809
NE+5.00	C39	2	B241	0.0364	-216.2927	198.2372	-54.6078	-5.1706	-142.6053	43.6787
NE+5.00	C39	2	B241	0.0455	-216.2034	198.2372	-54.6078	-5.1706	-142.1089	41.8766
NE+5.00	C39	2	B241	0.0545	-216.114	198.2372	-54.6078	-5.1706	-141.6124	40.0744
NE+5.00	C39	2	B241	0.0636	-216.0247	198.2372	-54.6078	-5.1706	-141.116	38.2723
NE+5.00	C39	2	B241	0.0727	-215.9353	198.2372	-54.6078	-5.1706	-140.6195	36.4701
NE+5.00	C39	2	B241	0.0818	-215.846	198.2372	-54.6078	-5.1706	-140.1231	34.668
NE+5.00	C39	2	B241	0.0909	-215.7567	198.2372	-54.6078	-5.1706	-139.6267	32.8658
NE+5.00	C39	2	B241	0.1	-215.6673	198.2372	-54.6078	-5.1706	-139.1302	31.0636
NE+5.00	C39	2	B242	0	-309.4612	290.9639	-32.1841	-9.4679	-179.8723	87.5954
NE+5.00	C39	2	B242	0.0091	-309.3846	290.9639	-32.1841	-9.4679	-179.5798	84.9503
NE+5.00	C39	2	B242	0.0182	-309.308	290.9639	-32.1841	-9.4679	-179.2872	82.3052
NE+5.00	C39	2	B242	0.0273	-309.2315	290.9639	-32.1841	-9.4679	-178.9946	79.66
NE+5.00	C39	2	B242	0.0364	-309.1549	290.9639	-32.1841	-9.4679	-178.702	77.0149
NE+5.00	C39	2	B242	0.0455	-309.0783	290.9639	-32.1841	-9.4679	-178.4094	74.3698
NE+5.00	C39	2	B242	0.0545	-309.0017	290.9639	-32.1841	-9.4679	-178.1169	71.7247
NE+5.00	C39	2	B242	0.0636	-308.9251	290.9639	-32.1841	-9.4679	-177.8243	69.0795
NE+5.00	C39	2	B242	0.0727	-308.8485	290.9639	-32.1841	-9.4679	-177.5317	66.4344
NE+5.00	C39	2	B242	0.0818	-308.772	290.9639	-32.1841	-9.4679	-177.2391	63.7893
NE+5.00	C39	2	B242	0.0909	-308.6954	290.9639	-32.1841	-9.4679	-176.9465	61.1441
NE+5.00	C39	2	B242	0.1	-308.6188	290.9639	-32.1841	-9.4679	-176.6539	58.499
NE+5.00	C306	1328	Pprop	0	-112.5402	-5.4867	-2.8088	0.0007	-5.9267	-9.0262
NE+5.00	C306	1328	Pprop	0.4045	-109.4731	-5.4867	-2.8088	0.0007	-4.7904	-6.8066
NE+5.00	C306	1328	Pprop	0.8091	-106.406	-5.4867	-2.8088	0.0007	-3.6541	-4.587
NE+5.00	C306	1328	Pprop	1.2136	-103.3389	-5.4867	-2.8088	0.0007	-2.5178	-2.3673
NE+5.00	C306	1328	Pprop	1.6182	-100.2718	-5.4867	-2.8088	0.0007	-1.3816	-0.1477
NE+5.00	C306	1328	Pprop	2.0227	-97.2047	-5.4867	-2.8088	0.0007	-0.2453	2.0719
NE+5.00	C306	1328	Pprop	2.4273	-94.1376	-5.4867	-2.8088	0.0007	0.891	4.2915
NE+5.00	C306	1328	Pprop	2.8318	-91.0705	-5.4867	-2.8088	0.0007	2.0273	6.5112
NE+5.00	C306	1328	Pprop	3.2364	-88.0034	-5.4867	-2.8088	0.0007	3.1635	8.7308

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C306	1328	Pprop	3.6409	-84.9363	-5.4867	-2.8088	0.0007	4.2998	10.9504
NE+5.00	C306	1328	Pprop	4.0455	-81.8692	-5.4867	-2.8088	0.0007	5.4361	13.17
NE+5.00	C306	1328	Pprop	4.45	-78.8021	-5.4867	-2.8088	0.0007	6.5724	15.3897
NE+5.00	C306	1328	Viva	0	-58.9372	-8.7085	0.0797	0.0041	-1.84	-14.3955
NE+5.00	C306	1328	Viva	0.4045	-58.9372	-8.7085	0.0797	0.0041	-1.8722	-10.8725
NE+5.00	C306	1328	Viva	0.8091	-58.9372	-8.7085	0.0797	0.0041	-1.9045	-7.3495
NE+5.00	C306	1328	Viva	1.2136	-58.9372	-8.7085	0.0797	0.0041	-1.9368	-3.8265
NE+5.00	C306	1328	Viva	1.6182	-58.9372	-8.7085	0.0797	0.0041	-1.969	-0.3035
NE+5.00	C306	1328	Viva	2.0227	-58.9372	-8.7085	0.0797	0.0041	-2.0013	3.2195
NE+5.00	C306	1328	Viva	2.4273	-58.9372	-8.7085	0.0797	0.0041	-2.0335	6.7425
NE+5.00	C306	1328	Viva	2.8318	-58.9372	-8.7085	0.0797	0.0041	-2.0658	10.2655
NE+5.00	C306	1328	Viva	3.2364	-58.9372	-8.7085	0.0797	0.0041	-2.098	13.7885
NE+5.00	C306	1328	Viva	3.6409	-58.9372	-8.7085	0.0797	0.0041	-2.1303	17.3115
NE+5.00	C306	1328	Viva	4.0455	-58.9372	-8.7085	0.0797	0.0041	-2.1625	20.8345
NE+5.00	C306	1328	Viva	4.45	-58.9372	-8.7085	0.0797	0.0041	-2.1948	24.3575
NE+5.00	C306	1328	Psup	0	-143.4727	-16.0864	-13.6563	0.0028	-25.0737	-26.5826
NE+5.00	C306	1328	Psup	0.4045	-143.4727	-16.0864	-13.6563	0.0028	-19.5491	-20.0749
NE+5.00	C306	1328	Psup	0.8091	-143.4727	-16.0864	-13.6563	0.0028	-14.0245	-13.5672
NE+5.00	C306	1328	Psup	1.2136	-143.4727	-16.0864	-13.6563	0.0028	-8.4999	-7.0596
NE+5.00	C306	1328	Psup	1.6182	-143.4727	-16.0864	-13.6563	0.0028	-2.9753	-0.5519
NE+5.00	C306	1328	Psup	2.0227	-143.4727	-16.0864	-13.6563	0.0028	2.5493	5.9557
NE+5.00	C306	1328	Psup	2.4273	-143.4727	-16.0864	-13.6563	0.0028	8.0739	12.4634
NE+5.00	C306	1328	Psup	2.8318	-143.4727	-16.0864	-13.6563	0.0028	13.5984	18.9711
NE+5.00	C306	1328	Psup	3.2364	-143.4727	-16.0864	-13.6563	0.0028	19.123	25.4787
NE+5.00	C306	1328	Psup	3.6409	-143.4727	-16.0864	-13.6563	0.0028	24.6476	31.9864
NE+5.00	C306	1328	Psup	4.0455	-143.4727	-16.0864	-13.6563	0.0028	30.1722	38.4941
NE+5.00	C306	1328	Psup	4.45	-143.4727	-16.0864	-13.6563	0.0028	35.6968	45.0017
NE+5.00	C306	1328	Viva.cub	0	-33.1445	-0.0086	-0.3481	0.0004	-0.9989	-0.0227
NE+5.00	C306	1328	Viva.cub	0.4045	-33.1445	-0.0086	-0.3481	0.0004	-0.8581	-0.0192
NE+5.00	C306	1328	Viva.cub	0.8091	-33.1445	-0.0086	-0.3481	0.0004	-0.7173	-0.0157
NE+5.00	C306	1328	Viva.cub	1.2136	-33.1445	-0.0086	-0.3481	0.0004	-0.5765	-0.0123
NE+5.00	C306	1328	Viva.cub	1.6182	-33.1445	-0.0086	-0.3481	0.0004	-0.4357	-0.0088
NE+5.00	C306	1328	Viva.cub	2.0227	-33.1445	-0.0086	-0.3481	0.0004	-0.2949	-0.0053
NE+5.00	C306	1328	Viva.cub	2.4273	-33.1445	-0.0086	-0.3481	0.0004	-0.1541	-0.0019
NE+5.00	C306	1328	Viva.cub	2.8318	-33.1445	-0.0086	-0.3481	0.0004	-0.0133	0.0016
NE+5.00	C306	1328	Viva.cub	3.2364	-33.1445	-0.0086	-0.3481	0.0004	0.1275	0.0051
NE+5.00	C306	1328	Viva.cub	3.6409	-33.1445	-0.0086	-0.3481	0.0004	0.2683	0.0085
NE+5.00	C306	1328	Viva.cub	4.0455	-33.1445	-0.0086	-0.3481	0.0004	0.4091	0.012
NE+5.00	C306	1328	Viva.cub	4.45	-33.1445	-0.0086	-0.3481	0.0004	0.5499	0.0155
NE+5.00	C306	1328	DISX-COMB Max	0	29.7254	101.5177	83.9049	8.9867	296.0682	329.4147
NE+5.00	C306	1328	DISX-COMB Max	0.4045	29.7254	101.5177	83.9049	8.9867	262.1328	288.3464
NE+5.00	C306	1328	DISX-COMB Max	0.8091	29.7254	101.5177	83.9049	8.9867	228.1997	247.2782
NE+5.00	C306	1328	DISX-COMB Max	1.2136	29.7254	101.5177	83.9049	8.9867	194.2703	206.21
NE+5.00	C306	1328	DISX-COMB Max	1.6182	29.7254	101.5177	83.9049	8.9867	160.3467	165.1421
NE+5.00	C306	1328	DISX-COMB Max	2.0227	29.7254	101.5177	83.9049	8.9867	126.4338	124.0746

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C306	1328	DISX-COMB Max	2.4273	29.7254	101.5177	83.9049	8.9867	92.5431	83.0079
NE+5.00	C306	1328	DISX-COMB Max	2.8318	29.7254	101.5177	83.9049	8.9867	58.7132	41.9451
NE+5.00	C306	1328	DISX-COMB Max	3.2364	29.7254	101.5177	83.9049	8.9867	25.1906	1.3037
NE+5.00	C306	1328	DISX-COMB Max	3.6409	29.7254	101.5177	83.9049	8.9867	11.2332	40.2151
NE+5.00	C306	1328	DISX-COMB Max	4.0455	29.7254	101.5177	83.9049	8.9867	43.8418	81.2777
NE+5.00	C306	1328	DISX-COMB Max	4.45	29.7254	101.5177	83.9049	8.9867	77.6036	122.3442
NE+5.00	C306	1328	DISY-COMB Max	0	69.799	2.8841	125.1314	1.9081	455.1625	9.3858
NE+5.00	C306	1328	DISY-COMB Max	0.4045	69.799	2.8841	125.1314	1.9081	404.5431	8.2203
NE+5.00	C306	1328	DISY-COMB Max	0.8091	69.799	2.8841	125.1314	1.9081	353.9242	7.0552
NE+5.00	C306	1328	DISY-COMB Max	1.2136	69.799	2.8841	125.1314	1.9081	303.3062	5.8908
NE+5.00	C306	1328	DISY-COMB Max	1.6182	69.799	2.8841	125.1314	1.9081	252.6895	4.7275
NE+5.00	C306	1328	DISY-COMB Max	2.0227	69.799	2.8841	125.1314	1.9081	202.0751	3.5665
NE+5.00	C306	1328	DISY-COMB Max	2.4273	69.799	2.8841	125.1314	1.9081	151.4653	2.411
NE+5.00	C306	1328	DISY-COMB Max	2.8318	69.799	2.8841	125.1314	1.9081	100.8671	1.2761
NE+5.00	C306	1328	DISY-COMB Max	3.2364	69.799	2.8841	125.1314	1.9081	50.3155	0.4084
NE+5.00	C306	1328	DISY-COMB Max	3.6409	69.799	2.8841	125.1314	1.9081	3.7627	1.1948
NE+5.00	C306	1328	DISY-COMB Max	4.0455	69.799	2.8841	125.1314	1.9081	51.2026	2.3262
NE+5.00	C306	1328	DISY-COMB Max	4.45	69.799	2.8841	125.1314	1.9081	101.756	3.481
NE+5.00	C306	1328	B241	0	-331.8686	-27.9651	-21.3436	0.0045	-40.1856	-46.1595
NE+5.00	C306	1328	B241	0.4045	-327.8927	-27.9651	-21.3436	0.0045	-31.5512	-34.8464
NE+5.00	C306	1328	B241	0.8091	-323.9168	-27.9651	-21.3436	0.0045	-22.9167	-23.5332
NE+5.00	C306	1328	B241	1.2136	-319.941	-27.9651	-21.3436	0.0045	-14.2823	-12.2201
NE+5.00	C306	1328	B241	1.6182	-315.9651	-27.9651	-21.3436	0.0045	-5.6478	-0.9069
NE+5.00	C306	1328	B241	2.0227	-311.9892	-27.9651	-21.3436	0.0045	2.9866	10.4062
NE+5.00	C306	1328	B241	2.4273	-308.0133	-27.9651	-21.3436	0.0045	11.6211	21.7194
NE+5.00	C306	1328	B241	2.8318	-304.0375	-27.9651	-21.3436	0.0045	20.2556	33.0325
NE+5.00	C306	1328	B241	3.2364	-300.0616	-27.9651	-21.3436	0.0045	28.89	44.3457
NE+5.00	C306	1328	B241	3.6409	-296.0857	-27.9651	-21.3436	0.0045	37.5245	55.6588
NE+5.00	C306	1328	B241	4.0455	-292.1098	-27.9651	-21.3436	0.0045	46.1589	66.972
NE+5.00	C306	1328	B241	4.45	-288.134	-27.9651	-21.3436	0.0045	54.7934	78.2851
NE+5.00	C306	1328	B242	0	-395.3306	-37.908	-18.341	0.0106	-37.8883	-62.6094
NE+5.00	C306	1328	B242	0.4045	-391.9227	-37.908	-18.341	0.0106	-30.4685	-47.2739
NE+5.00	C306	1328	B242	0.8091	-388.5148	-37.908	-18.341	0.0106	-23.0488	-31.9384
NE+5.00	C306	1328	B242	1.2136	-385.1069	-37.908	-18.341	0.0106	-15.629	-16.6029
NE+5.00	C306	1328	B242	1.6182	-381.699	-37.908	-18.341	0.0106	-8.2092	-1.2674
NE+5.00	C306	1328	B242	2.0227	-378.2911	-37.908	-18.341	0.0106	-0.7895	14.0682
NE+5.00	C306	1328	B242	2.4273	-374.8832	-37.908	-18.341	0.0106	6.6303	29.4037
NE+5.00	C306	1328	B242	2.8318	-371.4753	-37.908	-18.341	0.0106	14.05	44.7392
NE+5.00	C306	1328	B242	3.2364	-368.0674	-37.908	-18.341	0.0106	21.4698	60.0747
NE+5.00	C306	1328	B242	3.6409	-364.6595	-37.908	-18.341	0.0106	28.8895	75.4102
NE+5.00	C306	1328	B242	4.0455	-361.2517	-37.908	-18.341	0.0106	36.3093	90.7457
NE+5.00	C306	1328	B242	4.45	-357.8438	-37.908	-18.341	0.0106	43.729	106.0812
NE+5.00	C308	1330	Pprop	0	-166.0253	0.7829	-2.8089	0.0007	-5.9221	1.3012
NE+5.00	C308	1330	Pprop	0.4045	-162.9582	0.7829	-2.8089	0.0007	-4.7858	0.9845
NE+5.00	C308	1330	Pprop	0.8091	-159.8911	0.7829	-2.8089	0.0007	-3.6495	0.6678

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C308	1330	Pprop	1.2136	-156.824	0.7829	-2.8089	0.0007	-2.5132	0.3511
NE+5.00	C308	1330	Pprop	1.6182	-153.7569	0.7829	-2.8089	0.0007	-1.3769	0.0344
NE+5.00	C308	1330	Pprop	2.0227	-150.6898	0.7829	-2.8089	0.0007	-0.2406	-0.2823
NE+5.00	C308	1330	Pprop	2.4273	-147.6227	0.7829	-2.8089	0.0007	0.8958	-0.599
NE+5.00	C308	1330	Pprop	2.8318	-144.5556	0.7829	-2.8089	0.0007	2.0321	-0.9157
NE+5.00	C308	1330	Pprop	3.2364	-141.4885	0.7829	-2.8089	0.0007	3.1684	-1.2324
NE+5.00	C308	1330	Pprop	3.6409	-138.4214	0.7829	-2.8089	0.0007	4.3047	-1.5491
NE+5.00	C308	1330	Pprop	4.0455	-135.3543	0.7829	-2.8089	0.0007	5.441	-1.8658
NE+5.00	C308	1330	Pprop	4.45	-132.2872	0.7829	-2.8089	0.0007	6.5773	-2.1825
NE+5.00	C308	1330	Viva	0	-146.7138	1.1625	0.2648	0.0041	-1.51	1.8643
NE+5.00	C308	1330	Viva	0.4045	-146.7138	1.1625	0.2648	0.0041	-1.6171	1.3941
NE+5.00	C308	1330	Viva	0.8091	-146.7138	1.1625	0.2648	0.0041	-1.7243	0.9238
NE+5.00	C308	1330	Viva	1.2136	-146.7138	1.1625	0.2648	0.0041	-1.8314	0.4535
NE+5.00	C308	1330	Viva	1.6182	-146.7138	1.1625	0.2648	0.0041	-1.9385	-0.0168
NE+5.00	C308	1330	Viva	2.0227	-146.7138	1.1625	0.2648	0.0041	-2.0457	-0.4871
NE+5.00	C308	1330	Viva	2.4273	-146.7138	1.1625	0.2648	0.0041	-2.1528	-0.9574
NE+5.00	C308	1330	Viva	2.8318	-146.7138	1.1625	0.2648	0.0041	-2.2599	-1.4276
NE+5.00	C308	1330	Viva	3.2364	-146.7138	1.1625	0.2648	0.0041	-2.367	-1.8979
NE+5.00	C308	1330	Viva	3.6409	-146.7138	1.1625	0.2648	0.0041	-2.4742	-2.3682
NE+5.00	C308	1330	Viva	4.0455	-146.7138	1.1625	0.2648	0.0041	-2.5813	-2.8385
NE+5.00	C308	1330	Viva	4.45	-146.7138	1.1625	0.2648	0.0041	-2.6884	-3.3088
NE+5.00	C308	1330	Psup	0	-338.7611	2.4649	-32.45	0.0028	-55.6142	3.9755
NE+5.00	C308	1330	Psup	0.4045	-338.7611	2.4649	-32.45	0.0028	-42.4867	2.9784
NE+5.00	C308	1330	Psup	0.8091	-338.7611	2.4649	-32.45	0.0028	-29.3591	1.9812
NE+5.00	C308	1330	Psup	1.2136	-338.7611	2.4649	-32.45	0.0028	-16.2316	0.9841
NE+5.00	C308	1330	Psup	1.6182	-338.7611	2.4649	-32.45	0.0028	-3.1041	-0.0131
NE+5.00	C308	1330	Psup	2.0227	-338.7611	2.4649	-32.45	0.0028	10.0234	-1.0103
NE+5.00	C308	1330	Psup	2.4273	-338.7611	2.4649	-32.45	0.0028	23.1509	-2.0074
NE+5.00	C308	1330	Psup	2.8318	-338.7611	2.4649	-32.45	0.0028	36.2784	-3.0046
NE+5.00	C308	1330	Psup	3.2364	-338.7611	2.4649	-32.45	0.0028	49.4059	-4.0017
NE+5.00	C308	1330	Psup	3.6409	-338.7611	2.4649	-32.45	0.0028	62.5334	-4.9989
NE+5.00	C308	1330	Psup	4.0455	-338.7611	2.4649	-32.45	0.0028	75.661	-5.996
NE+5.00	C308	1330	Psup	4.45	-338.7611	2.4649	-32.45	0.0028	88.7885	-6.9932
NE+5.00	C308	1330	Viva.cub	0	-33.0044	-0.0073	-0.343	0.0004	-0.9878	-0.0206
NE+5.00	C308	1330	Viva.cub	0.4045	-33.0044	-0.0073	-0.343	0.0004	-0.849	-0.0176
NE+5.00	C308	1330	Viva.cub	0.8091	-33.0044	-0.0073	-0.343	0.0004	-0.7103	-0.0147
NE+5.00	C308	1330	Viva.cub	1.2136	-33.0044	-0.0073	-0.343	0.0004	-0.5715	-0.0117
NE+5.00	C308	1330	Viva.cub	1.6182	-33.0044	-0.0073	-0.343	0.0004	-0.4327	-0.0088
NE+5.00	C308	1330	Viva.cub	2.0227	-33.0044	-0.0073	-0.343	0.0004	-0.2939	-0.0058
NE+5.00	C308	1330	Viva.cub	2.4273	-33.0044	-0.0073	-0.343	0.0004	-0.1552	-0.0028
NE+5.00	C308	1330	Viva.cub	2.8318	-33.0044	-0.0073	-0.343	0.0004	-0.0164	0.0001
NE+5.00	C308	1330	Viva.cub	3.2364	-33.0044	-0.0073	-0.343	0.0004	0.1224	0.0031
NE+5.00	C308	1330	Viva.cub	3.6409	-33.0044	-0.0073	-0.343	0.0004	0.2612	0.006
NE+5.00	C308	1330	Viva.cub	4.0455	-33.0044	-0.0073	-0.343	0.0004	0.3999	0.009
NE+5.00	C308	1330	Viva.cub	4.45	-33.0044	-0.0073	-0.343	0.0004	0.5387	0.0119

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C308	1330	DISX-COMB Max	0	37.0075	137.9377	45.7349	8.9867	170.5478	389.4069
NE+5.00	C308	1330	DISX-COMB Max	0.4045	37.0075	137.9377	45.7349	8.9867	152.0463	333.605
NE+5.00	C308	1330	DISX-COMB Max	0.8091	37.0075	137.9377	45.7349	8.9867	133.5449	277.8032
NE+5.00	C308	1330	DISX-COMB Max	1.2136	37.0075	137.9377	45.7349	8.9867	115.0437	222.0014
NE+5.00	C308	1330	DISX-COMB Max	1.6182	37.0075	137.9377	45.7349	8.9867	96.5427	166.1999
NE+5.00	C308	1330	DISX-COMB Max	2.0227	37.0075	137.9377	45.7349	8.9867	78.042	110.399
NE+5.00	C308	1330	DISX-COMB Max	2.4273	37.0075	137.9377	45.7349	8.9867	59.5422	54.6002
NE+5.00	C308	1330	DISX-COMB Max	2.8318	37.0075	137.9377	45.7349	8.9867	41.0441	1.4729
NE+5.00	C308	1330	DISX-COMB Max	3.2364	37.0075	137.9377	45.7349	8.9867	22.5522	57.0166
NE+5.00	C308	1330	DISX-COMB Max	3.6409	37.0075	137.9377	45.7349	8.9867	4.1497	112.8156
NE+5.00	C308	1330	DISX-COMB Max	4.0455	37.0075	137.9377	45.7349	8.9867	14.5078	168.6166
NE+5.00	C308	1330	DISX-COMB Max	4.45	37.0075	137.9377	45.7349	8.9867	32.9904	224.4181
NE+5.00	C308	1330	DISY-COMB Max	0	66.2378	3.9255	118.5411	1.9081	435.0517	11.1087
NE+5.00	C308	1330	DISY-COMB Max	0.4045	66.2378	3.9255	118.5411	1.9081	387.101	9.5208
NE+5.00	C308	1330	DISY-COMB Max	0.8091	66.2378	3.9255	118.5411	1.9081	339.1516	7.9331
NE+5.00	C308	1330	DISY-COMB Max	1.2136	66.2378	3.9255	118.5411	1.9081	291.2041	6.3454
NE+5.00	C308	1330	DISY-COMB Max	1.6182	66.2378	3.9255	118.5411	1.9081	243.2597	4.758
NE+5.00	C308	1330	DISY-COMB Max	2.0227	66.2378	3.9255	118.5411	1.9081	195.3207	3.1713
NE+5.00	C308	1330	DISY-COMB Max	2.4273	66.2378	3.9255	118.5411	1.9081	147.3922	1.5871
NE+5.00	C308	1330	DISY-COMB Max	2.8318	66.2378	3.9255	118.5411	1.9081	99.4895	0.1563
NE+5.00	C308	1330	DISY-COMB Max	3.2364	66.2378	3.9255	118.5411	1.9081	51.6845	1.6043
NE+5.00	C308	1330	DISY-COMB Max	3.6409	66.2378	3.9255	118.5411	1.9081	6.6198	3.1885
NE+5.00	C308	1330	DISY-COMB Max	4.0455	66.2378	3.9255	118.5411	1.9081	44.8973	4.7753
NE+5.00	C308	1330	DISY-COMB Max	4.45	66.2378	3.9255	118.5411	1.9081	92.6668	6.3627
NE+5.00	C308	1330	B241	0	-654.3528	4.21	-45.706	0.0045	-79.7693	6.8402
NE+5.00	C308	1330	B241	0.4045	-650.3769	4.21	-45.706	0.0045	-61.2791	5.1371
NE+5.00	C308	1330	B241	0.8091	-646.4011	4.21	-45.706	0.0045	-42.789	3.4339
NE+5.00	C308	1330	B241	1.2136	-642.4252	4.21	-45.706	0.0045	-24.2988	1.7307
NE+5.00	C308	1330	B241	1.6182	-638.4493	4.21	-45.706	0.0045	-5.8087	0.0276
NE+5.00	C308	1330	B241	2.0227	-634.4735	4.21	-45.706	0.0045	12.6815	-1.6756
NE+5.00	C308	1330	B241	2.4273	-630.4976	4.21	-45.706	0.0045	31.1716	-3.3787
NE+5.00	C308	1330	B241	2.8318	-626.5217	4.21	-45.706	0.0045	49.6617	-5.0819
NE+5.00	C308	1330	B241	3.2364	-622.5458	4.21	-45.706	0.0045	68.1519	-6.785
NE+5.00	C308	1330	B241	3.6409	-618.57	4.21	-45.706	0.0045	86.642	-8.4882
NE+5.00	C308	1330	B241	4.0455	-614.5941	4.21	-45.706	0.0045	105.1322	-10.1913
NE+5.00	C308	1330	B241	4.45	-610.6182	4.21	-45.706	0.0045	123.6223	-11.8945
NE+5.00	C308	1330	B242	0	-812.1181	5.4649	-38.9244	0.0106	-71.2836	8.8357
NE+5.00	C308	1330	B242	0.4045	-808.7102	5.4649	-38.9244	0.0106	-55.5369	6.6249
NE+5.00	C308	1330	B242	0.8091	-805.3023	5.4649	-38.9244	0.0106	-39.7902	4.414
NE+5.00	C308	1330	B242	1.2136	-801.8944	5.4649	-38.9244	0.0106	-24.0436	2.2032
NE+5.00	C308	1330	B242	1.6182	-798.4866	5.4649	-38.9244	0.0106	-8.2969	-0.0076
NE+5.00	C308	1330	B242	2.0227	-795.0787	5.4649	-38.9244	0.0106	7.4498	-2.2184
NE+5.00	C308	1330	B242	2.4273	-791.6708	5.4649	-38.9244	0.0106	23.1965	-4.4292
NE+5.00	C308	1330	B242	2.8318	-788.2629	5.4649	-38.9244	0.0106	38.9432	-6.64
NE+5.00	C308	1330	B242	3.2364	-784.855	5.4649	-38.9244	0.0106	54.6898	-8.8509

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C308	1330	B242	3.6409	-781.4471	5.4649	-38.9244	0.0106	70.4365	-11.0617
NE+5.00	C308	1330	B242	4.0455	-778.0392	5.4649	-38.9244	0.0106	86.1832	-13.2725
NE+5.00	C308	1330	B242	4.45	-774.6313	5.4649	-38.9244	0.0106	101.9299	-15.4833
NE+5.00	C310	1332	Pprop	0	-158.9779	-0.0716	-2.338	0.0007	-5.1516	-0.1064
NE+5.00	C310	1332	Pprop	0.4045	-155.9108	-0.0716	-2.338	0.0007	-4.2058	-0.0774
NE+5.00	C310	1332	Pprop	0.8091	-152.8437	-0.0716	-2.338	0.0007	-3.26	-0.0484
NE+5.00	C310	1332	Pprop	1.2136	-149.7766	-0.0716	-2.338	0.0007	-2.3142	-0.0194
NE+5.00	C310	1332	Pprop	1.6182	-146.7095	-0.0716	-2.338	0.0007	-1.3683	0.0096
NE+5.00	C310	1332	Pprop	2.0227	-143.6424	-0.0716	-2.338	0.0007	-0.4225	0.0385
NE+5.00	C310	1332	Pprop	2.4273	-140.5753	-0.0716	-2.338	0.0007	0.5233	0.0675
NE+5.00	C310	1332	Pprop	2.8318	-137.5082	-0.0716	-2.338	0.0007	1.4691	0.0965
NE+5.00	C310	1332	Pprop	3.2364	-134.4411	-0.0716	-2.338	0.0007	2.4149	0.1255
NE+5.00	C310	1332	Pprop	3.6409	-131.374	-0.0716	-2.338	0.0007	3.3607	0.1545
NE+5.00	C310	1332	Pprop	4.0455	-128.3069	-0.0716	-2.338	0.0007	4.3066	0.1834
NE+5.00	C310	1332	Pprop	4.45	-125.2398	-0.0716	-2.338	0.0007	5.2524	0.2124
NE+5.00	C310	1332	Viva	0	-136.2889	-0.2006	0.7661	0.0041	-0.6652	-0.3811
NE+5.00	C310	1332	Viva	0.4045	-136.2889	-0.2006	0.7661	0.0041	-0.9752	-0.2999
NE+5.00	C310	1332	Viva	0.8091	-136.2889	-0.2006	0.7661	0.0041	-1.2851	-0.2187
NE+5.00	C310	1332	Viva	1.2136	-136.2889	-0.2006	0.7661	0.0041	-1.5951	-0.1376
NE+5.00	C310	1332	Viva	1.6182	-136.2889	-0.2006	0.7661	0.0041	-1.905	-0.0564
NE+5.00	C310	1332	Viva	2.0227	-136.2889	-0.2006	0.7661	0.0041	-2.215	0.0248
NE+5.00	C310	1332	Viva	2.4273	-136.2889	-0.2006	0.7661	0.0041	-2.5249	0.106
NE+5.00	C310	1332	Viva	2.8318	-136.2889	-0.2006	0.7661	0.0041	-2.8348	0.1871
NE+5.00	C310	1332	Viva	3.2364	-136.2889	-0.2006	0.7661	0.0041	-3.1448	0.2683
NE+5.00	C310	1332	Viva	3.6409	-136.2889	-0.2006	0.7661	0.0041	-3.4547	0.3495
NE+5.00	C310	1332	Viva	4.0455	-136.2889	-0.2006	0.7661	0.0041	-3.7647	0.4306
NE+5.00	C310	1332	Viva	4.45	-136.2889	-0.2006	0.7661	0.0041	-4.0746	0.5118
NE+5.00	C310	1332	Psup	0	-311.9299	-0.3823	-28.6295	0.0028	-49.3811	-0.7144
NE+5.00	C310	1332	Psup	0.4045	-311.9299	-0.3823	-28.6295	0.0028	-37.7992	-0.5598
NE+5.00	C310	1332	Psup	0.8091	-311.9299	-0.3823	-28.6295	0.0028	-26.2172	-0.4051
NE+5.00	C310	1332	Psup	1.2136	-311.9299	-0.3823	-28.6295	0.0028	-14.6353	-0.2505
NE+5.00	C310	1332	Psup	1.6182	-311.9299	-0.3823	-28.6295	0.0028	-3.0533	-0.0958
NE+5.00	C310	1332	Psup	2.0227	-311.9299	-0.3823	-28.6295	0.0028	8.5286	0.0589
NE+5.00	C310	1332	Psup	2.4273	-311.9299	-0.3823	-28.6295	0.0028	20.1105	0.2135
NE+5.00	C310	1332	Psup	2.8318	-311.9299	-0.3823	-28.6295	0.0028	31.6925	0.3682
NE+5.00	C310	1332	Psup	3.2364	-311.9299	-0.3823	-28.6295	0.0028	43.2744	0.5229
NE+5.00	C310	1332	Psup	3.6409	-311.9299	-0.3823	-28.6295	0.0028	54.8564	0.6775
NE+5.00	C310	1332	Psup	4.0455	-311.9299	-0.3823	-28.6295	0.0028	66.4383	0.8322
NE+5.00	C310	1332	Psup	4.45	-311.9299	-0.3823	-28.6295	0.0028	78.0203	0.9868
NE+5.00	C310	1332	Viva.cub	0	-33.2572	-0.0073	-0.3434	0.0004	-0.9854	-0.0205
NE+5.00	C310	1332	Viva.cub	0.4045	-33.2572	-0.0073	-0.3434	0.0004	-0.8465	-0.0176
NE+5.00	C310	1332	Viva.cub	0.8091	-33.2572	-0.0073	-0.3434	0.0004	-0.7076	-0.0146
NE+5.00	C310	1332	Viva.cub	1.2136	-33.2572	-0.0073	-0.3434	0.0004	-0.5686	-0.0117
NE+5.00	C310	1332	Viva.cub	1.6182	-33.2572	-0.0073	-0.3434	0.0004	-0.4297	-0.0088
NE+5.00	C310	1332	Viva.cub	2.0227	-33.2572	-0.0073	-0.3434	0.0004	-0.2908	-0.0058

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C310	1332	Viva.cub	2.4273	-33.2572	-0.0073	-0.3434	0.0004	-0.1518	-0.0029
NE+5.00	C310	1332	Viva.cub	2.8318	-33.2572	-0.0073	-0.3434	0.0004	-0.0129	0.0001
NE+5.00	C310	1332	Viva.cub	3.2364	-33.2572	-0.0073	-0.3434	0.0004	0.126	0.003
NE+5.00	C310	1332	Viva.cub	3.6409	-33.2572	-0.0073	-0.3434	0.0004	0.265	0.0059
NE+5.00	C310	1332	Viva.cub	4.0455	-33.2572	-0.0073	-0.3434	0.0004	0.4039	0.0089
NE+5.00	C310	1332	Viva.cub	4.45	-33.2572	-0.0073	-0.3434	0.0004	0.5428	0.0118
NE+5.00	C310	1332	DISX-COMB Max	0	6.2793	133.4449	16.5185	8.9867	59.4951	382.0074
NE+5.00	C310	1332	DISX-COMB Max	0.4045	6.2793	133.4449	16.5185	8.9867	52.8135	328.0229
NE+5.00	C310	1332	DISX-COMB Max	0.8091	6.2793	133.4449	16.5185	8.9867	46.1321	274.0384
NE+5.00	C310	1332	DISX-COMB Max	1.2136	6.2793	133.4449	16.5185	8.9867	39.451	220.0539
NE+5.00	C310	1332	DISX-COMB Max	1.6182	6.2793	133.4449	16.5185	8.9867	32.7706	166.0695
NE+5.00	C310	1332	DISX-COMB Max	2.0227	6.2793	133.4449	16.5185	8.9867	26.0912	112.0851
NE+5.00	C310	1332	DISX-COMB Max	2.4273	6.2793	133.4449	16.5185	8.9867	19.414	58.1011
NE+5.00	C310	1332	DISX-COMB Max	2.8318	6.2793	133.4449	16.5185	8.9867	12.7422	4.1313
NE+5.00	C310	1332	DISX-COMB Max	3.2364	6.2793	133.4449	16.5185	8.9867	6.094	49.8704
NE+5.00	C310	1332	DISX-COMB Max	3.6409	6.2793	133.4449	16.5185	8.9867	1.1055	103.8543
NE+5.00	C310	1332	DISX-COMB Max	4.0455	6.2793	133.4449	16.5185	8.9867	7.3904	157.8386
NE+5.00	C310	1332	DISX-COMB Max	4.45	6.2793	133.4449	16.5185	8.9867	14.0473	211.823
NE+5.00	C310	1332	DISY-COMB Max	0	64.9129	3.7951	114.6022	1.9081	419.5394	10.894
NE+5.00	C310	1332	DISY-COMB Max	0.4045	64.9129	3.7951	114.6022	1.9081	373.1787	9.3589
NE+5.00	C310	1332	DISY-COMB Max	0.8091	64.9129	3.7951	114.6022	1.9081	326.8183	7.8239
NE+5.00	C310	1332	DISY-COMB Max	1.2136	64.9129	3.7951	114.6022	1.9081	280.4583	6.2889
NE+5.00	C310	1332	DISY-COMB Max	1.6182	64.9129	3.7951	114.6022	1.9081	234.0991	4.7542
NE+5.00	C310	1332	DISY-COMB Max	2.0227	64.9129	3.7951	114.6022	1.9081	187.7411	3.2201
NE+5.00	C310	1332	DISY-COMB Max	2.4273	64.9129	3.7951	114.6022	1.9081	141.3856	1.6879
NE+5.00	C310	1332	DISY-COMB Max	2.8318	64.9129	3.7951	114.6022	1.9081	95.0361	0.2079
NE+5.00	C310	1332	DISY-COMB Max	3.2364	64.9129	3.7951	114.6022	1.9081	48.7102	1.397
NE+5.00	C310	1332	DISY-COMB Max	3.6409	64.9129	3.7951	114.6022	1.9081	3.5126	2.9282
NE+5.00	C310	1332	DISY-COMB Max	4.0455	64.9129	3.7951	114.6022	1.9081	44.1681	4.4622
NE+5.00	C310	1332	DISY-COMB Max	4.45	64.9129	3.7951	114.6022	1.9081	90.4883	5.9968
NE+5.00	C310	1332	B241	0	-610.436	-0.5884	-40.1431	0.0045	-70.6906	-1.064
NE+5.00	C310	1332	B241	0.4045	-606.4602	-0.5884	-40.1431	0.0045	-54.4509	-0.8259
NE+5.00	C310	1332	B241	0.8091	-602.4843	-0.5884	-40.1431	0.0045	-38.2112	-0.5879
NE+5.00	C310	1332	B241	1.2136	-598.5084	-0.5884	-40.1431	0.0045	-21.9715	-0.3498
NE+5.00	C310	1332	B241	1.6182	-594.5325	-0.5884	-40.1431	0.0045	-5.7318	-0.1118
NE+5.00	C310	1332	B241	2.0227	-590.5567	-0.5884	-40.1431	0.0045	10.5079	0.1263
NE+5.00	C310	1332	B241	2.4273	-586.5808	-0.5884	-40.1431	0.0045	26.7476	0.3643
NE+5.00	C310	1332	B241	2.8318	-582.6049	-0.5884	-40.1431	0.0045	42.9872	0.6024
NE+5.00	C310	1332	B241	3.2364	-578.629	-0.5884	-40.1431	0.0045	59.2269	0.8404
NE+5.00	C310	1332	B241	3.6409	-574.6532	-0.5884	-40.1431	0.0045	75.4666	1.0785
NE+5.00	C310	1332	B241	4.0455	-570.6773	-0.5884	-40.1431	0.0045	91.7063	1.3165
NE+5.00	C310	1332	B241	4.45	-566.7014	-0.5884	-40.1431	0.0045	107.946	1.5546
NE+5.00	C310	1332	B242	0	-757.9217	-0.829	-33.3542	0.0106	-62.149	-1.5319
NE+5.00	C310	1332	B242	0.4045	-754.5138	-0.829	-33.3542	0.0106	-48.6557	-1.1966
NE+5.00	C310	1332	B242	0.8091	-751.106	-0.829	-33.3542	0.0106	-35.1624	-0.8612

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C310	1332	B242	1.2136	-747.6981	-0.829	-33.3542	0.0106	-21.6691	-0.5258
NE+5.00	C310	1332	B242	1.6182	-744.2902	-0.829	-33.3542	0.0106	-8.1759	-0.1904
NE+5.00	C310	1332	B242	2.0227	-740.8823	-0.829	-33.3542	0.0106	5.3174	0.145
NE+5.00	C310	1332	B242	2.4273	-737.4744	-0.829	-33.3542	0.0106	18.8107	0.4804
NE+5.00	C310	1332	B242	2.8318	-734.0665	-0.829	-33.3542	0.0106	32.304	0.8158
NE+5.00	C310	1332	B242	3.2364	-730.6586	-0.829	-33.3542	0.0106	45.7973	1.1512
NE+5.00	C310	1332	B242	3.6409	-727.2507	-0.829	-33.3542	0.0106	59.2906	1.4865
NE+5.00	C310	1332	B242	4.0455	-723.8428	-0.829	-33.3542	0.0106	72.7839	1.8219
NE+5.00	C310	1332	B242	4.45	-720.4349	-0.829	-33.3542	0.0106	86.2772	2.1573
NE+5.00	C312	1334	Pprop	0	-148.5628	1.3982	-2.4108	0.0007	-5.2655	2.3148
NE+5.00	C312	1334	Pprop	0.4045	-145.4957	1.3982	-2.4108	0.0007	-4.2902	1.7492
NE+5.00	C312	1334	Pprop	0.8091	-142.4286	1.3982	-2.4108	0.0007	-3.3149	1.1835
NE+5.00	C312	1334	Pprop	1.2136	-139.3615	1.3982	-2.4108	0.0007	-2.3396	0.6179
NE+5.00	C312	1334	Pprop	1.6182	-136.2944	1.3982	-2.4108	0.0007	-1.3643	0.0523
NE+5.00	C312	1334	Pprop	2.0227	-133.2273	1.3982	-2.4108	0.0007	-0.389	-0.5134
NE+5.00	C312	1334	Pprop	2.4273	-130.1602	1.3982	-2.4108	0.0007	0.5863	-1.079
NE+5.00	C312	1334	Pprop	2.8318	-127.0931	1.3982	-2.4108	0.0007	1.5616	-1.6447
NE+5.00	C312	1334	Pprop	3.2364	-124.026	1.3982	-2.4108	0.0007	2.5369	-2.2103
NE+5.00	C312	1334	Pprop	3.6409	-120.9589	1.3982	-2.4108	0.0007	3.5122	-2.7759
NE+5.00	C312	1334	Pprop	4.0455	-117.8918	1.3982	-2.4108	0.0007	4.4875	-3.3416
NE+5.00	C312	1334	Pprop	4.45	-114.8247	1.3982	-2.4108	0.0007	5.4628	-3.9072
NE+5.00	C312	1334	Viva	0	-117.6886	2.407	0.8225	0.0041	-0.5449	3.9142
NE+5.00	C312	1334	Viva	0.4045	-117.6886	2.407	0.8225	0.0041	-0.8777	2.9405
NE+5.00	C312	1334	Viva	0.8091	-117.6886	2.407	0.8225	0.0041	-1.2104	1.9668
NE+5.00	C312	1334	Viva	1.2136	-117.6886	2.407	0.8225	0.0041	-1.5432	0.9931
NE+5.00	C312	1334	Viva	1.6182	-117.6886	2.407	0.8225	0.0041	-1.8759	0.0194
NE+5.00	C312	1334	Viva	2.0227	-117.6886	2.407	0.8225	0.0041	-2.2087	-0.9544
NE+5.00	C312	1334	Viva	2.4273	-117.6886	2.407	0.8225	0.0041	-2.5415	-1.9281
NE+5.00	C312	1334	Viva	2.8318	-117.6886	2.407	0.8225	0.0041	-2.8742	-2.9018
NE+5.00	C312	1334	Viva	3.2364	-117.6886	2.407	0.8225	0.0041	-3.207	-3.8755
NE+5.00	C312	1334	Viva	3.6409	-117.6886	2.407	0.8225	0.0041	-3.5397	-4.8493
NE+5.00	C312	1334	Viva	4.0455	-117.6886	2.407	0.8225	0.0041	-3.8725	-5.823
NE+5.00	C312	1334	Viva	4.45	-117.6886	2.407	0.8225	0.0041	-4.2052	-6.7967
NE+5.00	C312	1334	Psup	0	-276.4798	4.4846	-25.9396	0.0028	-44.9871	7.3024
NE+5.00	C312	1334	Psup	0.4045	-276.4798	4.4846	-25.9396	0.0028	-34.4934	5.4882
NE+5.00	C312	1334	Psup	0.8091	-276.4798	4.4846	-25.9396	0.0028	-23.9996	3.674
NE+5.00	C312	1334	Psup	1.2136	-276.4798	4.4846	-25.9396	0.0028	-13.5059	1.8598
NE+5.00	C312	1334	Psup	1.6182	-276.4798	4.4846	-25.9396	0.0028	-3.0122	0.0456
NE+5.00	C312	1334	Psup	2.0227	-276.4798	4.4846	-25.9396	0.0028	7.4816	-1.7686
NE+5.00	C312	1334	Psup	2.4273	-276.4798	4.4846	-25.9396	0.0028	17.9753	-3.5829
NE+5.00	C312	1334	Psup	2.8318	-276.4798	4.4846	-25.9396	0.0028	28.469	-5.3971
NE+5.00	C312	1334	Psup	3.2364	-276.4798	4.4846	-25.9396	0.0028	38.9627	-7.2113
NE+5.00	C312	1334	Psup	3.6409	-276.4798	4.4846	-25.9396	0.0028	49.4565	-9.0255
NE+5.00	C312	1334	Psup	4.0455	-276.4798	4.4846	-25.9396	0.0028	59.9502	-10.8397
NE+5.00	C312	1334	Psup	4.45	-276.4798	4.4846	-25.9396	0.0028	70.4439	-12.6539

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C312	1334	Viva.cub	0	-32.9442	-0.0077	-0.3429	0.0004	-0.9816	-0.0213
NE+5.00	C312	1334	Viva.cub	0.4045	-32.9442	-0.0077	-0.3429	0.0004	-0.8429	-0.0181
NE+5.00	C312	1334	Viva.cub	0.8091	-32.9442	-0.0077	-0.3429	0.0004	-0.7042	-0.015
NE+5.00	C312	1334	Viva.cub	1.2136	-32.9442	-0.0077	-0.3429	0.0004	-0.5655	-0.0119
NE+5.00	C312	1334	Viva.cub	1.6182	-32.9442	-0.0077	-0.3429	0.0004	-0.4268	-0.0088
NE+5.00	C312	1334	Viva.cub	2.0227	-32.9442	-0.0077	-0.3429	0.0004	-0.2881	-0.0057
NE+5.00	C312	1334	Viva.cub	2.4273	-32.9442	-0.0077	-0.3429	0.0004	-0.1494	-0.0025
NE+5.00	C312	1334	Viva.cub	2.8318	-32.9442	-0.0077	-0.3429	0.0004	-0.0107	0.0006
NE+5.00	C312	1334	Viva.cub	3.2364	-32.9442	-0.0077	-0.3429	0.0004	0.128	0.0037
NE+5.00	C312	1334	Viva.cub	3.6409	-32.9442	-0.0077	-0.3429	0.0004	0.2667	0.0068
NE+5.00	C312	1334	Viva.cub	4.0455	-32.9442	-0.0077	-0.3429	0.0004	0.4054	0.0099
NE+5.00	C312	1334	Viva.cub	4.45	-32.9442	-0.0077	-0.3429	0.0004	0.5441	0.0131
NE+5.00	C312	1334	DISX-COMB Max	0	18.6479	137.4192	17.336	8.9867	62.571	388.5538
NE+5.00	C312	1334	DISX-COMB Max	0.4045	18.6479	137.4192	17.336	8.9867	55.5601	332.9616
NE+5.00	C312	1334	DISX-COMB Max	0.8091	18.6479	137.4192	17.336	8.9867	48.5499	277.3693
NE+5.00	C312	1334	DISX-COMB Max	1.2136	18.6479	137.4192	17.336	8.9867	41.5406	221.7771
NE+5.00	C312	1334	DISX-COMB Max	1.6182	18.6479	137.4192	17.336	8.9867	34.533	166.1849
NE+5.00	C312	1334	DISX-COMB Max	2.0227	18.6479	137.4192	17.336	8.9867	27.5282	110.5929
NE+5.00	C312	1334	DISX-COMB Max	2.4273	18.6479	137.4192	17.336	8.9867	20.5292	55.0015
NE+5.00	C312	1334	DISX-COMB Max	2.8318	18.6479	137.4192	17.336	8.9867	13.5449	0.7462
NE+5.00	C312	1334	DISX-COMB Max	3.2364	18.6479	137.4192	17.336	8.9867	6.6218	56.1868
NE+5.00	C312	1334	DISX-COMB Max	3.6409	18.6479	137.4192	17.336	8.9867	1.6134	111.7782
NE+5.00	C312	1334	DISX-COMB Max	4.0455	18.6479	137.4192	17.336	8.9867	7.7284	167.3703
NE+5.00	C312	1334	DISX-COMB Max	4.45	18.6479	137.4192	17.336	8.9867	14.6705	222.9624
NE+5.00	C312	1334	DISY-COMB Max	0	62.7529	3.9099	110.81	1.9081	404.9894	11.0828
NE+5.00	C312	1334	DISY-COMB Max	0.4045	62.7529	3.9099	110.81	1.9081	360.162	9.5013
NE+5.00	C312	1334	DISY-COMB Max	0.8091	62.7529	3.9099	110.81	1.9081	315.3347	7.9199
NE+5.00	C312	1334	DISY-COMB Max	1.2136	62.7529	3.9099	110.81	1.9081	270.5075	6.3386
NE+5.00	C312	1334	DISY-COMB Max	1.6182	62.7529	3.9099	110.81	1.9081	225.6806	4.7575
NE+5.00	C312	1334	DISY-COMB Max	2.0227	62.7529	3.9099	110.81	1.9081	180.8539	3.1773
NE+5.00	C312	1334	DISY-COMB Max	2.4273	62.7529	3.9099	110.81	1.9081	136.028	1.5999
NE+5.00	C312	1334	DISY-COMB Max	2.8318	62.7529	3.9099	110.81	1.9081	91.2038	0.1672
NE+5.00	C312	1334	DISY-COMB Max	3.2364	62.7529	3.9099	110.81	1.9081	46.3862	1.5812
NE+5.00	C312	1334	DISY-COMB Max	3.6409	62.7529	3.9099	110.81	1.9081	2.0683	3.1585
NE+5.00	C312	1334	DISY-COMB Max	4.0455	62.7529	3.9099	110.81	1.9081	43.3118	4.7388
NE+5.00	C312	1334	DISY-COMB Max	4.45	62.7529	3.9099	110.81	1.9081	88.1283	6.3198
NE+5.00	C312	1334	B241	0	-550.9812	7.6258	-36.7505	0.0045	-65.1422	12.4667
NE+5.00	C312	1334	B241	0.4045	-547.0053	7.6258	-36.7505	0.0045	-50.2749	9.3818
NE+5.00	C312	1334	B241	0.8091	-543.0294	7.6258	-36.7505	0.0045	-35.4077	6.2968
NE+5.00	C312	1334	B241	1.2136	-539.0536	7.6258	-36.7505	0.0045	-20.5404	3.2118
NE+5.00	C312	1334	B241	1.6182	-535.0777	7.6258	-36.7505	0.0045	-5.6732	0.1268
NE+5.00	C312	1334	B241	2.0227	-531.1018	7.6258	-36.7505	0.0045	9.1941	-2.9582
NE+5.00	C312	1334	B241	2.4273	-527.1259	7.6258	-36.7505	0.0045	24.0613	-6.0432
NE+5.00	C312	1334	B241	2.8318	-523.1501	7.6258	-36.7505	0.0045	38.9286	-9.1281
NE+5.00	C312	1334	B241	3.2364	-519.1742	7.6258	-36.7505	0.0045	53.7958	-12.2131

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C312	1334	B241	3.6409	-515.1983	7.6258	-36.7505	0.0045	68.6631	-15.2981
NE+5.00	C312	1334	B241	4.0455	-511.2225	7.6258	-36.7505	0.0045	83.5303	-18.3831
NE+5.00	C312	1334	B241	4.45	-507.2466	7.6258	-36.7505	0.0045	98.3976	-21.4681
NE+5.00	C312	1334	B242	0	-677.0435	10.3837	-30.3558	0.0106	-57.1988	16.9379
NE+5.00	C312	1334	B242	0.4045	-673.6356	10.3837	-30.3558	0.0106	-44.9185	12.7373
NE+5.00	C312	1334	B242	0.8091	-670.2277	10.3837	-30.3558	0.0106	-32.6382	8.5366
NE+5.00	C312	1334	B242	1.2136	-666.8199	10.3837	-30.3558	0.0106	-20.3579	4.3359
NE+5.00	C312	1334	B242	1.6182	-663.412	10.3837	-30.3558	0.0106	-8.0776	0.1353
NE+5.00	C312	1334	B242	2.0227	-660.0041	10.3837	-30.3558	0.0106	4.2027	-4.0654
NE+5.00	C312	1334	B242	2.4273	-656.5962	10.3837	-30.3558	0.0106	16.483	-8.2661
NE+5.00	C312	1334	B242	2.8318	-653.1883	10.3837	-30.3558	0.0106	28.7633	-12.4667
NE+5.00	C312	1334	B242	3.2364	-649.7804	10.3837	-30.3558	0.0106	41.0436	-16.6674
NE+5.00	C312	1334	B242	3.6409	-646.3725	10.3837	-30.3558	0.0106	53.3239	-20.8681
NE+5.00	C312	1334	B242	4.0455	-642.9646	10.3837	-30.3558	0.0106	65.6042	-25.0687
NE+5.00	C312	1334	B242	4.45	-639.5567	10.3837	-30.3558	0.0106	77.8845	-29.2694
NE+5.00	C314	1336	Pprop	0	-159.4269	-2.0769	-3.8549	0.0007	-7.6097	-3.4095
NE+5.00	C314	1336	Pprop	0.4045	-156.3598	-2.0769	-3.8549	0.0007	-6.0502	-2.5693
NE+5.00	C314	1336	Pprop	0.8091	-153.2927	-2.0769	-3.8549	0.0007	-4.4907	-1.7291
NE+5.00	C314	1336	Pprop	1.2136	-150.2256	-2.0769	-3.8549	0.0007	-2.9313	-0.8889
NE+5.00	C314	1336	Pprop	1.6182	-147.1585	-2.0769	-3.8549	0.0007	-1.3718	-0.0487
NE+5.00	C314	1336	Pprop	2.0227	-144.0914	-2.0769	-3.8549	0.0007	0.1877	0.7915
NE+5.00	C314	1336	Pprop	2.4273	-141.0243	-2.0769	-3.8549	0.0007	1.7472	1.6317
NE+5.00	C314	1336	Pprop	2.8318	-137.9572	-2.0769	-3.8549	0.0007	3.3066	2.4719
NE+5.00	C314	1336	Pprop	3.2364	-134.8901	-2.0769	-3.8549	0.0007	4.8661	3.3122
NE+5.00	C314	1336	Pprop	3.6409	-131.823	-2.0769	-3.8549	0.0007	6.4256	4.1524
NE+5.00	C314	1336	Pprop	4.0455	-128.7559	-2.0769	-3.8549	0.0007	7.9851	4.9926
NE+5.00	C314	1336	Pprop	4.45	-125.6888	-2.0769	-3.8549	0.0007	9.5445	5.8328
NE+5.00	C314	1336	Viva	0	-142.7164	-4.5627	-2.9654	0.0041	-6.6802	-7.5664
NE+5.00	C314	1336	Viva	0.4045	-142.7164	-4.5627	-2.9654	0.0041	-5.4806	-5.7206
NE+5.00	C314	1336	Viva	0.8091	-142.7164	-4.5627	-2.9654	0.0041	-4.281	-3.8748
NE+5.00	C314	1336	Viva	1.2136	-142.7164	-4.5627	-2.9654	0.0041	-3.0813	-2.0289
NE+5.00	C314	1336	Viva	1.6182	-142.7164	-4.5627	-2.9654	0.0041	-1.8817	-0.1831
NE+5.00	C314	1336	Viva	2.0227	-142.7164	-4.5627	-2.9654	0.0041	-0.682	1.6628
NE+5.00	C314	1336	Viva	2.4273	-142.7164	-4.5627	-2.9654	0.0041	0.5176	3.5086
NE+5.00	C314	1336	Viva	2.8318	-142.7164	-4.5627	-2.9654	0.0041	1.7172	5.3544
NE+5.00	C314	1336	Viva	3.2364	-142.7164	-4.5627	-2.9654	0.0041	2.9169	7.2003
NE+5.00	C314	1336	Viva	3.6409	-142.7164	-4.5627	-2.9654	0.0041	4.1165	9.0461
NE+5.00	C314	1336	Viva	4.0455	-142.7164	-4.5627	-2.9654	0.0041	5.3161	10.8919
NE+5.00	C314	1336	Viva	4.45	-142.7164	-4.5627	-2.9654	0.0041	6.5158	12.7378
NE+5.00	C314	1336	Psup	0	-302.735	-6.5117	-28.2525	0.0028	-48.7314	-10.8109
NE+5.00	C314	1336	Psup	0.4045	-302.735	-6.5117	-28.2525	0.0028	-37.302	-8.1767
NE+5.00	C314	1336	Psup	0.8091	-302.735	-6.5117	-28.2525	0.0028	-25.8725	-5.5424
NE+5.00	C314	1336	Psup	1.2136	-302.735	-6.5117	-28.2525	0.0028	-14.4431	-2.9081
NE+5.00	C314	1336	Psup	1.6182	-302.735	-6.5117	-28.2525	0.0028	-3.0137	-0.2738
NE+5.00	C314	1336	Psup	2.0227	-302.735	-6.5117	-28.2525	0.0028	8.4158	2.3605

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C314	1336	Psup	2.4273	-302.735	-6.5117	-28.2525	0.0028	19.8452	4.9947
NE+5.00	C314	1336	Psup	2.8318	-302.735	-6.5117	-28.2525	0.0028	31.2747	7.629
NE+5.00	C314	1336	Psup	3.2364	-302.735	-6.5117	-28.2525	0.0028	42.7041	10.2633
NE+5.00	C314	1336	Psup	3.6409	-302.735	-6.5117	-28.2525	0.0028	54.1335	12.8976
NE+5.00	C314	1336	Psup	4.0455	-302.735	-6.5117	-28.2525	0.0028	65.563	15.5319
NE+5.00	C314	1336	Psup	4.45	-302.735	-6.5117	-28.2525	0.0028	76.9924	18.1662
NE+5.00	C314	1336	Viva.cub	0	-33.2368	-0.0076	-0.3411	0.0004	-0.9763	-0.0211
NE+5.00	C314	1336	Viva.cub	0.4045	-33.2368	-0.0076	-0.3411	0.0004	-0.8383	-0.018
NE+5.00	C314	1336	Viva.cub	0.8091	-33.2368	-0.0076	-0.3411	0.0004	-0.7003	-0.0149
NE+5.00	C314	1336	Viva.cub	1.2136	-33.2368	-0.0076	-0.3411	0.0004	-0.5623	-0.0119
NE+5.00	C314	1336	Viva.cub	1.6182	-33.2368	-0.0076	-0.3411	0.0004	-0.4243	-0.0088
NE+5.00	C314	1336	Viva.cub	2.0227	-33.2368	-0.0076	-0.3411	0.0004	-0.2863	-0.0057
NE+5.00	C314	1336	Viva.cub	2.4273	-33.2368	-0.0076	-0.3411	0.0004	-0.1482	-0.0026
NE+5.00	C314	1336	Viva.cub	2.8318	-33.2368	-0.0076	-0.3411	0.0004	-0.0102	0.0005
NE+5.00	C314	1336	Viva.cub	3.2364	-33.2368	-0.0076	-0.3411	0.0004	0.1278	0.0036
NE+5.00	C314	1336	Viva.cub	3.6409	-33.2368	-0.0076	-0.3411	0.0004	0.2658	0.0066
NE+5.00	C314	1336	Viva.cub	4.0455	-33.2368	-0.0076	-0.3411	0.0004	0.4038	0.0097
NE+5.00	C314	1336	Viva.cub	4.45	-33.2368	-0.0076	-0.3411	0.0004	0.5418	0.0128
NE+5.00	C314	1336	DISX-COMB Max	0	24.3375	141.775	41.2505	8.9867	153.6459	395.729
NE+5.00	C314	1336	DISX-COMB Max	0.4045	24.3375	141.775	41.2505	8.9867	136.9583	338.3746
NE+5.00	C314	1336	DISX-COMB Max	0.8091	24.3375	141.775	41.2505	8.9867	120.2707	281.0202
NE+5.00	C314	1336	DISX-COMB Max	1.2136	24.3375	141.775	41.2505	8.9867	103.5831	223.6658
NE+5.00	C314	1336	DISX-COMB Max	1.6182	24.3375	141.775	41.2505	8.9867	86.8956	166.3114
NE+5.00	C314	1336	DISX-COMB Max	2.0227	24.3375	141.775	41.2505	8.9867	70.2081	108.9571
NE+5.00	C314	1336	DISX-COMB Max	2.4273	24.3375	141.775	41.2505	8.9867	53.5209	51.603
NE+5.00	C314	1336	DISX-COMB Max	2.8318	24.3375	141.775	41.2505	8.9867	36.834	5.7576
NE+5.00	C314	1336	DISX-COMB Max	3.2364	24.3375	141.775	41.2505	8.9867	20.1485	63.1069
NE+5.00	C314	1336	DISX-COMB Max	3.6409	24.3375	141.775	41.2505	8.9867	3.4841	120.4611
NE+5.00	C314	1336	DISX-COMB Max	4.0455	24.3375	141.775	41.2505	8.9867	13.2392	177.8154
NE+5.00	C314	1336	DISX-COMB Max	4.45	24.3375	141.775	41.2505	8.9867	29.9228	235.1698
NE+5.00	C314	1336	DISY-COMB Max	0	60.9139	4.0399	107.1058	1.9081	392.2369	11.2981
NE+5.00	C314	1336	DISY-COMB Max	0.4045	60.9139	4.0399	107.1058	1.9081	348.9078	9.6639
NE+5.00	C314	1336	DISY-COMB Max	0.8091	60.9139	4.0399	107.1058	1.9081	305.5787	8.0296
NE+5.00	C314	1336	DISY-COMB Max	1.2136	60.9139	4.0399	107.1058	1.9081	262.2497	6.3954
NE+5.00	C314	1336	DISY-COMB Max	1.6182	60.9139	4.0399	107.1058	1.9081	218.9207	4.7614
NE+5.00	C314	1336	DISY-COMB Max	2.0227	60.9139	4.0399	107.1058	1.9081	175.5919	3.1276
NE+5.00	C314	1336	DISY-COMB Max	2.4273	60.9139	4.0399	107.1058	1.9081	132.2632	1.4949
NE+5.00	C314	1336	DISY-COMB Max	2.8318	60.9139	4.0399	107.1058	1.9081	88.9351	0.1722
NE+5.00	C314	1336	DISY-COMB Max	3.2364	60.9139	4.0399	107.1058	1.9081	45.6089	1.7795
NE+5.00	C314	1336	DISY-COMB Max	3.6409	60.9139	4.0399	107.1058	1.9081	2.3947	3.4126
NE+5.00	C314	1336	DISY-COMB Max	4.0455	60.9139	4.0399	107.1058	1.9081	41.0625	5.0465
NE+5.00	C314	1336	DISY-COMB Max	4.45	60.9139	4.0399	107.1058	1.9081	84.3882	6.6806
NE+5.00	C314	1336	B241	0	-599.0987	-11.1334	-41.6207	0.0045	-73.0347	-18.4339
NE+5.00	C314	1336	B241	0.4045	-595.1228	-11.1334	-41.6207	0.0045	-56.1973	-13.93
NE+5.00	C314	1336	B241	0.8091	-591.147	-11.1334	-41.6207	0.0045	-39.3598	-9.426

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C314	1336	B241	1.2136	-587.1711	-11.1334	-41.6207	0.0045	-22.5223	-4.922
NE+5.00	C314	1336	B241	1.6182	-583.1952	-11.1334	-41.6207	0.0045	-5.6848	-0.418
NE+5.00	C314	1336	B241	2.0227	-579.2193	-11.1334	-41.6207	0.0045	11.1526	4.0859
NE+5.00	C314	1336	B241	2.4273	-575.2435	-11.1334	-41.6207	0.0045	27.9901	8.5899
NE+5.00	C314	1336	B241	2.8318	-571.2676	-11.1334	-41.6207	0.0045	44.8276	13.0939
NE+5.00	C314	1336	B241	3.2364	-567.2917	-11.1334	-41.6207	0.0045	61.6651	17.5978
NE+5.00	C314	1336	B241	3.6409	-563.3158	-11.1334	-41.6207	0.0045	78.5025	22.1018
NE+5.00	C314	1336	B241	4.0455	-559.34	-11.1334	-41.6207	0.0045	95.34	26.6058
NE+5.00	C314	1336	B241	4.45	-555.3641	-11.1334	-41.6207	0.0045	112.1775	31.1097
NE+5.00	C314	1336	B242	0	-758.4778	-16.8471	-40.5901	0.0106	-73.7777	-27.9173
NE+5.00	C314	1336	B242	0.4045	-755.0699	-16.8471	-40.5901	0.0106	-57.3572	-21.1019
NE+5.00	C314	1336	B242	0.8091	-751.662	-16.8471	-40.5901	0.0106	-40.9366	-14.2865
NE+5.00	C314	1336	B242	1.2136	-748.2541	-16.8471	-40.5901	0.0106	-24.5161	-7.4711
NE+5.00	C314	1336	B242	1.6182	-744.8462	-16.8471	-40.5901	0.0106	-8.0955	-0.6556
NE+5.00	C314	1336	B242	2.0227	-741.4383	-16.8471	-40.5901	0.0106	8.325	6.1598
NE+5.00	C314	1336	B242	2.4273	-738.0305	-16.8471	-40.5901	0.0106	24.7456	12.9752
NE+5.00	C314	1336	B242	2.8318	-734.6226	-16.8471	-40.5901	0.0106	41.1661	19.7906
NE+5.00	C314	1336	B242	3.2364	-731.2147	-16.8471	-40.5901	0.0106	57.5867	26.6061
NE+5.00	C314	1336	B242	3.6409	-727.8068	-16.8471	-40.5901	0.0106	74.0072	33.4215
NE+5.00	C314	1336	B242	4.0455	-724.3989	-16.8471	-40.5901	0.0106	90.4277	40.2369
NE+5.00	C314	1336	B242	4.45	-720.991	-16.8471	-40.5901	0.0106	106.8483	47.0523
NE+5.00	C316	1338	Pprop	0	-114.8015	5.4195	-3.6994	0.0007	-7.3523	8.9388
NE+5.00	C316	1338	Pprop	0.4045	-111.7343	5.4195	-3.6994	0.0007	-5.8558	6.7464
NE+5.00	C316	1338	Pprop	0.8091	-108.6672	5.4195	-3.6994	0.0007	-4.3592	4.5539
NE+5.00	C316	1338	Pprop	1.2136	-105.6001	5.4195	-3.6994	0.0007	-2.8626	2.3615
NE+5.00	C316	1338	Pprop	1.6182	-102.533	5.4195	-3.6994	0.0007	-1.366	0.1691
NE+5.00	C316	1338	Pprop	2.0227	-99.4659	5.4195	-3.6994	0.0007	0.1306	-2.0234
NE+5.00	C316	1338	Pprop	2.4273	-96.3988	5.4195	-3.6994	0.0007	1.6272	-4.2158
NE+5.00	C316	1338	Pprop	2.8318	-93.3317	5.4195	-3.6994	0.0007	3.1238	-6.4083
NE+5.00	C316	1338	Pprop	3.2364	-90.2646	5.4195	-3.6994	0.0007	4.6204	-8.6007
NE+5.00	C316	1338	Pprop	3.6409	-87.1975	5.4195	-3.6994	0.0007	6.117	-10.7931
NE+5.00	C316	1338	Pprop	4.0455	-84.1304	5.4195	-3.6994	0.0007	7.6136	-12.9856
NE+5.00	C316	1338	Pprop	4.45	-81.0633	5.4195	-3.6994	0.0007	9.1101	-15.178
NE+5.00	C316	1338	Viva	0	-86.6111	10.6018	-6.9969	0.0041	-13.2077	17.4131
NE+5.00	C316	1338	Viva	0.4045	-86.6111	10.6018	-6.9969	0.0041	-10.3771	13.1242
NE+5.00	C316	1338	Viva	0.8091	-86.6111	10.6018	-6.9969	0.0041	-7.5466	8.8352
NE+5.00	C316	1338	Viva	1.2136	-86.6111	10.6018	-6.9969	0.0041	-4.716	4.5463
NE+5.00	C316	1338	Viva	1.6182	-86.6111	10.6018	-6.9969	0.0041	-1.8854	0.2574
NE+5.00	C316	1338	Viva	2.0227	-86.6111	10.6018	-6.9969	0.0041	0.9452	-4.0316
NE+5.00	C316	1338	Viva	2.4273	-86.6111	10.6018	-6.9969	0.0041	3.7757	-8.3205
NE+5.00	C316	1338	Viva	2.8318	-86.6111	10.6018	-6.9969	0.0041	6.6063	-12.6094
NE+5.00	C316	1338	Viva	3.2364	-86.6111	10.6018	-6.9969	0.0041	9.4369	-16.8983
NE+5.00	C316	1338	Viva	3.6409	-86.6111	10.6018	-6.9969	0.0041	12.2675	-21.1873
NE+5.00	C316	1338	Viva	4.0455	-86.6111	10.6018	-6.9969	0.0041	15.098	-25.4762
NE+5.00	C316	1338	Viva	4.45	-86.6111	10.6018	-6.9969	0.0041	17.9286	-29.7651

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C316	1338	Psup	0	-143.0667	15.7544	-13.4354	0.0028	-24.6176	25.8663
NE+5.00	C316	1338	Psup	0.4045	-143.0667	15.7544	-13.4354	0.0028	-19.1823	19.493
NE+5.00	C316	1338	Psup	0.8091	-143.0667	15.7544	-13.4354	0.0028	-13.7471	13.1196
NE+5.00	C316	1338	Psup	1.2136	-143.0667	15.7544	-13.4354	0.0028	-8.3119	6.7463
NE+5.00	C316	1338	Psup	1.6182	-143.0667	15.7544	-13.4354	0.0028	-2.8766	0.3729
NE+5.00	C316	1338	Psup	2.0227	-143.0667	15.7544	-13.4354	0.0028	2.5586	-6.0005
NE+5.00	C316	1338	Psup	2.4273	-143.0667	15.7544	-13.4354	0.0028	7.9938	-12.3738
NE+5.00	C316	1338	Psup	2.8318	-143.0667	15.7544	-13.4354	0.0028	13.429	-18.7472
NE+5.00	C316	1338	Psup	3.2364	-143.0667	15.7544	-13.4354	0.0028	18.8643	-25.1205
NE+5.00	C316	1338	Psup	3.6409	-143.0667	15.7544	-13.4354	0.0028	24.2995	-31.4939
NE+5.00	C316	1338	Psup	4.0455	-143.0667	15.7544	-13.4354	0.0028	29.7347	-37.8672
NE+5.00	C316	1338	Psup	4.45	-143.0667	15.7544	-13.4354	0.0028	35.17	-44.2406
NE+5.00	C316	1338	Viva.cub	0	-33.0646	-0.0074	-0.3382	0.0004	-0.9686	-0.0208
NE+5.00	C316	1338	Viva.cub	0.4045	-33.0646	-0.0074	-0.3382	0.0004	-0.8318	-0.0178
NE+5.00	C316	1338	Viva.cub	0.8091	-33.0646	-0.0074	-0.3382	0.0004	-0.695	-0.0148
NE+5.00	C316	1338	Viva.cub	1.2136	-33.0646	-0.0074	-0.3382	0.0004	-0.5582	-0.0118
NE+5.00	C316	1338	Viva.cub	1.6182	-33.0646	-0.0074	-0.3382	0.0004	-0.4213	-0.0088
NE+5.00	C316	1338	Viva.cub	2.0227	-33.0646	-0.0074	-0.3382	0.0004	-0.2845	-0.0058
NE+5.00	C316	1338	Viva.cub	2.4273	-33.0646	-0.0074	-0.3382	0.0004	-0.1477	-0.0028
NE+5.00	C316	1338	Viva.cub	2.8318	-33.0646	-0.0074	-0.3382	0.0004	-0.0109	0.0002
NE+5.00	C316	1338	Viva.cub	3.2364	-33.0646	-0.0074	-0.3382	0.0004	0.1259	0.0032
NE+5.00	C316	1338	Viva.cub	3.6409	-33.0646	-0.0074	-0.3382	0.0004	0.2627	0.0063
NE+5.00	C316	1338	Viva.cub	4.0455	-33.0646	-0.0074	-0.3382	0.0004	0.3996	0.0093
NE+5.00	C316	1338	Viva.cub	4.45	-33.0646	-0.0074	-0.3382	0.0004	0.5364	0.0123
NE+5.00	C316	1338	DISX-COMB Max	0	32.7088	101.97	77.9857	8.9867	275.0501	330.1602
NE+5.00	C316	1338	DISX-COMB Max	0.4045	32.7088	101.97	77.9857	8.9867	243.51	288.9088
NE+5.00	C316	1338	DISX-COMB Max	0.8091	32.7088	101.97	77.9857	8.9867	211.9726	247.6576
NE+5.00	C316	1338	DISX-COMB Max	1.2136	32.7088	101.97	77.9857	8.9867	180.4392	206.4063
NE+5.00	C316	1338	DISX-COMB Max	1.6182	32.7088	101.97	77.9857	8.9867	148.9122	165.1553
NE+5.00	C316	1338	DISX-COMB Max	2.0227	32.7088	101.97	77.9857	8.9867	117.397	123.9045
NE+5.00	C316	1338	DISX-COMB Max	2.4273	32.7088	101.97	77.9857	8.9867	85.9063	82.6543
NE+5.00	C316	1338	DISX-COMB Max	2.8318	32.7088	101.97	77.9857	8.9867	54.4831	41.4069
NE+5.00	C316	1338	DISX-COMB Max	3.2364	32.7088	101.97	77.9857	8.9867	23.3999	0.8299
NE+5.00	C316	1338	DISX-COMB Max	3.6409	32.7088	101.97	77.9857	8.9867	10.8333	41.1123
NE+5.00	C316	1338	DISX-COMB Max	4.0455	32.7088	101.97	77.9857	8.9867	40.9611	82.3597
NE+5.00	C316	1338	DISX-COMB Max	4.45	32.7088	101.97	77.9857	8.9867	72.3113	123.6098
NE+5.00	C316	1338	DISY-COMB Max	0	58.438	2.8767	104.7026	1.9081	381.0053	9.3562
NE+5.00	C316	1338	DISY-COMB Max	0.4045	58.438	2.8767	104.7026	1.9081	338.6483	8.1961
NE+5.00	C316	1338	DISY-COMB Max	0.8091	58.438	2.8767	104.7026	1.9081	296.2914	7.0372
NE+5.00	C316	1338	DISY-COMB Max	1.2136	58.438	2.8767	104.7026	1.9081	253.9345	5.8803
NE+5.00	C316	1338	DISY-COMB Max	1.6182	58.438	2.8767	104.7026	1.9081	211.5776	4.7267
NE+5.00	C316	1338	DISY-COMB Max	2.0227	58.438	2.8767	104.7026	1.9081	169.2208	3.5797
NE+5.00	C316	1338	DISY-COMB Max	2.4273	58.438	2.8767	104.7026	1.9081	126.864	2.4485
NE+5.00	C316	1338	DISY-COMB Max	2.8318	58.438	2.8767	104.7026	1.9081	84.5073	1.3731
NE+5.00	C316	1338	DISY-COMB Max	3.2364	58.438	2.8767	104.7026	1.9081	42.1513	0.6959

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	C316	1338	DISY-COMB Max	3.6409	58.438	2.8767	104.7026	1.9081	0.4409	1.3386
NE+5.00	C316	1338	DISY-COMB Max	4.0455	58.438	2.8767	104.7026	1.9081	42.5662	2.41
NE+5.00	C316	1338	DISY-COMB Max	4.45	58.438	2.8767	104.7026	1.9081	84.9223	3.5402
NE+5.00	C316	1338	B241	0	-334.2736	27.4476	-22.2118	0.0045	-41.4425	45.1178
NE+5.00	C316	1338	B241	0.4045	-330.2977	27.4476	-22.2118	0.0045	-32.4568	34.0139
NE+5.00	C316	1338	B241	0.8091	-326.3218	27.4476	-22.2118	0.0045	-23.4711	22.9101
NE+5.00	C316	1338	B241	1.2136	-322.3459	27.4476	-22.2118	0.0045	-14.4854	11.8063
NE+5.00	C316	1338	B241	1.6182	-318.3701	27.4476	-22.2118	0.0045	-5.4997	0.7025
NE+5.00	C316	1338	B241	2.0227	-314.3942	27.4476	-22.2118	0.0045	3.486	-10.4013
NE+5.00	C316	1338	B241	2.4273	-310.4183	27.4476	-22.2118	0.0045	12.4717	-21.5051
NE+5.00	C316	1338	B241	2.8318	-306.4425	27.4476	-22.2118	0.0045	21.4574	-32.6089
NE+5.00	C316	1338	B241	3.2364	-302.4666	27.4476	-22.2118	0.0045	30.4431	-43.7127
NE+5.00	C316	1338	B241	3.6409	-298.4907	27.4476	-22.2118	0.0045	39.4288	-54.8165
NE+5.00	C316	1338	B241	4.0455	-294.5148	27.4476	-22.2118	0.0045	48.4145	-65.9203
NE+5.00	C316	1338	B241	4.45	-290.539	27.4476	-22.2118	0.0045	57.4002	-77.0241
NE+5.00	C316	1338	B242	0	-441.6302	40.4858	-30.4029	0.0106	-57.1388	66.5229
NE+5.00	C316	1338	B242	0.4045	-438.2223	40.4858	-30.4029	0.0106	-44.8394	50.1446
NE+5.00	C316	1338	B242	0.8091	-434.8144	40.4858	-30.4029	0.0106	-32.5401	33.7663
NE+5.00	C316	1338	B242	1.2136	-431.4065	40.4858	-30.4029	0.0106	-20.2407	17.3879
NE+5.00	C316	1338	B242	1.6182	-427.9986	40.4858	-30.4029	0.0106	-7.9414	1.0096
NE+5.00	C316	1338	B242	2.0227	-424.5907	40.4858	-30.4029	0.0106	4.358	-15.3688
NE+5.00	C316	1338	B242	2.4273	-421.1828	40.4858	-30.4029	0.0106	16.6573	-31.7471
NE+5.00	C316	1338	B242	2.8318	-417.7749	40.4858	-30.4029	0.0106	28.9567	-48.1254
NE+5.00	C316	1338	B242	3.2364	-414.3671	40.4858	-30.4029	0.0106	41.2561	-64.5038
NE+5.00	C316	1338	B242	3.6409	-410.9592	40.4858	-30.4029	0.0106	53.5554	-80.8821
NE+5.00	C316	1338	B242	4.0455	-407.5513	40.4858	-30.4029	0.0106	65.8548	-97.2604
NE+5.00	C316	1338	B242	4.45	-404.1434	40.4858	-30.4029	0.0106	78.1541	-113.6388
NE+4.35	C307	1329	Pprop	0	-120.5447	-1.6286	8.3988	-0.0828	12.447	-2.4104
NE+4.35	C307	1329	Pprop	0.3545	-117.8567	-1.6286	8.3988	-0.0828	9.4692	-1.833
NE+4.35	C307	1329	Pprop	0.7091	-115.1687	-1.6286	8.3988	-0.0828	6.4915	-1.2556
NE+4.35	C307	1329	Pprop	1.0636	-112.4807	-1.6286	8.3988	-0.0828	3.5137	-0.6782
NE+4.35	C307	1329	Pprop	1.4182	-109.7926	-1.6286	8.3988	-0.0828	0.5359	-0.1007
NE+4.35	C307	1329	Pprop	1.7727	-107.1046	-1.6286	8.3988	-0.0828	-2.4418	0.4767
NE+4.35	C307	1329	Pprop	2.1273	-104.4166	-1.6286	8.3988	-0.0828	-5.4196	1.0541
NE+4.35	C307	1329	Pprop	2.4818	-101.7286	-1.6286	8.3988	-0.0828	-8.3973	1.6315
NE+4.35	C307	1329	Pprop	2.8364	-99.0406	-1.6286	8.3988	-0.0828	-11.3751	2.209
NE+4.35	C307	1329	Pprop	3.1909	-96.3525	-1.6286	8.3988	-0.0828	-14.3528	2.7864
NE+4.35	C307	1329	Pprop	3.5455	-93.6645	-1.6286	8.3988	-0.0828	-17.3306	3.3638
NE+4.35	C307	1329	Pprop	3.9	-90.9765	-1.6286	8.3988	-0.0828	-20.3084	3.9412
NE+4.35	C307	1329	Viva	0	-58.4949	-1.2843	3.0328	0.1957	3.19	-1.6926
NE+4.35	C307	1329	Viva	0.3545	-58.4949	-1.2843	3.0328	0.1957	2.1147	-1.2372
NE+4.35	C307	1329	Viva	0.7091	-58.4949	-1.2843	3.0328	0.1957	1.0395	-0.7819
NE+4.35	C307	1329	Viva	1.0636	-58.4949	-1.2843	3.0328	0.1957	-0.0358	-0.3266
NE+4.35	C307	1329	Viva	1.4182	-58.4949	-1.2843	3.0328	0.1957	-1.1111	0.1288
NE+4.35	C307	1329	Viva	1.7727	-58.4949	-1.2843	3.0328	0.1957	-2.1863	0.5841

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C307	1329	Viva	2.1273	-58.4949	-1.2843	3.0328	0.1957	-3.2616	1.0394
NE+4.35	C307	1329	Viva	2.4818	-58.4949	-1.2843	3.0328	0.1957	-4.3369	1.4948
NE+4.35	C307	1329	Viva	2.8364	-58.4949	-1.2843	3.0328	0.1957	-5.4122	1.9501
NE+4.35	C307	1329	Viva	3.1909	-58.4949	-1.2843	3.0328	0.1957	-6.4874	2.4054
NE+4.35	C307	1329	Viva	3.5455	-58.4949	-1.2843	3.0328	0.1957	-7.5627	2.8608
NE+4.35	C307	1329	Viva	3.9	-58.4949	-1.2843	3.0328	0.1957	-8.638	3.3161
NE+4.35	C307	1329	Psup	0	-168.1667	-1.5241	26.7171	0.4361	41.1159	-2.1743
NE+4.35	C307	1329	Psup	0.3545	-168.1667	-1.5241	26.7171	0.4361	31.6435	-1.6339
NE+4.35	C307	1329	Psup	0.7091	-168.1667	-1.5241	26.7171	0.4361	22.171	-1.0936
NE+4.35	C307	1329	Psup	1.0636	-168.1667	-1.5241	26.7171	0.4361	12.6986	-0.5532
NE+4.35	C307	1329	Psup	1.4182	-168.1667	-1.5241	26.7171	0.4361	3.2261	-0.0129
NE+4.35	C307	1329	Psup	1.7727	-168.1667	-1.5241	26.7171	0.4361	-6.2463	0.5275
NE+4.35	C307	1329	Psup	2.1273	-168.1667	-1.5241	26.7171	0.4361	-15.7188	1.0678
NE+4.35	C307	1329	Psup	2.4818	-168.1667	-1.5241	26.7171	0.4361	-25.1912	1.6082
NE+4.35	C307	1329	Psup	2.8364	-168.1667	-1.5241	26.7171	0.4361	-34.6636	2.1486
NE+4.35	C307	1329	Psup	3.1909	-168.1667	-1.5241	26.7171	0.4361	-44.1361	2.6889
NE+4.35	C307	1329	Psup	3.5455	-168.1667	-1.5241	26.7171	0.4361	-53.6085	3.2293
NE+4.35	C307	1329	Psup	3.9	-168.1667	-1.5241	26.7171	0.4361	-63.081	3.7696
NE+4.35	C307	1329	Viva.cub	0	-86.0357	-0.0327	-0.1461	-0.0036	-0.6875	-0.0669
NE+4.35	C307	1329	Viva.cub	0.3545	-86.0357	-0.0327	-0.1461	-0.0036	-0.6357	-0.0553
NE+4.35	C307	1329	Viva.cub	0.7091	-86.0357	-0.0327	-0.1461	-0.0036	-0.5839	-0.0437
NE+4.35	C307	1329	Viva.cub	1.0636	-86.0357	-0.0327	-0.1461	-0.0036	-0.5322	-0.0321
NE+4.35	C307	1329	Viva.cub	1.4182	-86.0357	-0.0327	-0.1461	-0.0036	-0.4804	-0.0204
NE+4.35	C307	1329	Viva.cub	1.7727	-86.0357	-0.0327	-0.1461	-0.0036	-0.4286	-0.0088
NE+4.35	C307	1329	Viva.cub	2.1273	-86.0357	-0.0327	-0.1461	-0.0036	-0.3768	0.0028
NE+4.35	C307	1329	Viva.cub	2.4818	-86.0357	-0.0327	-0.1461	-0.0036	-0.325	0.0144
NE+4.35	C307	1329	Viva.cub	2.8364	-86.0357	-0.0327	-0.1461	-0.0036	-0.2732	0.026
NE+4.35	C307	1329	Viva.cub	3.1909	-86.0357	-0.0327	-0.1461	-0.0036	-0.2214	0.0376
NE+4.35	C307	1329	Viva.cub	3.5455	-86.0357	-0.0327	-0.1461	-0.0036	-0.1697	0.0492
NE+4.35	C307	1329	Viva.cub	3.9	-86.0357	-0.0327	-0.1461	-0.0036	-0.1179	0.0608
NE+4.35	C307	1329	DISX-COMB Max	0	68.3322	122.5095	112.0085	16.0231	338.5556	339.8915
NE+4.35	C307	1329	DISX-COMB Max	0.3545	68.3322	122.5095	112.0085	16.0231	298.8632	296.4607
NE+4.35	C307	1329	DISX-COMB Max	0.7091	68.3322	122.5095	112.0085	16.0231	259.1769	253.0314
NE+4.35	C307	1329	DISX-COMB Max	1.0636	68.3322	122.5095	112.0085	16.0231	219.4999	209.6045
NE+4.35	C307	1329	DISX-COMB Max	1.4182	68.3322	122.5095	112.0085	16.0231	179.8384	166.1819
NE+4.35	C307	1329	DISX-COMB Max	1.7727	68.3322	122.5095	112.0085	16.0231	140.2056	122.7681
NE+4.35	C307	1329	DISX-COMB Max	2.1273	68.3322	122.5095	112.0085	16.0231	100.6352	79.3779
NE+4.35	C307	1329	DISX-COMB Max	2.4818	68.3322	122.5095	112.0085	16.0231	61.2486	36.0961
NE+4.35	C307	1329	DISX-COMB Max	2.8364	68.3322	122.5095	112.0085	16.0231	23.0097	8.8443
NE+4.35	C307	1329	DISX-COMB Max	3.1909	68.3322	122.5095	112.0085	16.0231	21.4848	51.2518
NE+4.35	C307	1329	DISX-COMB Max	3.5455	68.3322	122.5095	112.0085	16.0231	59.5638	94.5965
NE+4.35	C307	1329	DISX-COMB Max	3.9	68.3322	122.5095	112.0085	16.0231	98.9353	137.9981
NE+4.35	C307	1329	DISY-COMB Max	0	176.5818	10.5576	167.5095	2.398	518.9513	23.8734
NE+4.35	C307	1329	DISY-COMB Max	0.3545	176.5818	10.5576	167.5095	2.398	459.5807	20.1554
NE+4.35	C307	1329	DISY-COMB Max	0.7091	176.5818	10.5576	167.5095	2.398	400.2158	16.4487

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C307	1329	DISY-COMB Max	1.0636	176.5818	10.5576	167.5095	2.398	340.8595	12.7634
NE+4.35	C307	1329	DISY-COMB Max	1.4182	176.5818	10.5576	167.5095	2.398	281.5173	9.1252
NE+4.35	C307	1329	DISY-COMB Max	1.7727	176.5818	10.5576	167.5095	2.398	222.2006	5.6265
NE+4.35	C307	1329	DISY-COMB Max	2.1273	176.5818	10.5576	167.5095	2.398	162.9371	2.8404
NE+4.35	C307	1329	DISY-COMB Max	2.4818	176.5818	10.5576	167.5095	2.398	103.8179	3.5356
NE+4.35	C307	1329	DISY-COMB Max	2.8364	176.5818	10.5576	167.5095	2.398	45.4105	6.7049
NE+4.35	C307	1329	DISY-COMB Max	3.1909	176.5818	10.5576	167.5095	2.398	20.0087	10.2681
NE+4.35	C307	1329	DISY-COMB Max	3.5455	176.5818	10.5576	167.5095	2.398	76.1109	13.9261
NE+4.35	C307	1329	DISY-COMB Max	3.9	176.5818	10.5576	167.5095	2.398	135.0543	17.6198
NE+4.35	C307	1329	B241	0	-374.2556	-4.0869	45.5207	0.458	69.4334	-5.9432
NE+4.35	C307	1329	B241	0.3545	-370.7711	-4.0869	45.5207	0.458	53.2942	-4.4942
NE+4.35	C307	1329	B241	0.7091	-367.2867	-4.0869	45.5207	0.458	37.1551	-3.0452
NE+4.35	C307	1329	B241	1.0636	-363.8022	-4.0869	45.5207	0.458	21.0159	-1.5962
NE+4.35	C307	1329	B241	1.4182	-360.3177	-4.0869	45.5207	0.458	4.8768	-0.1473
NE+4.35	C307	1329	B241	1.7727	-356.8332	-4.0869	45.5207	0.458	-11.2624	1.3017
NE+4.35	C307	1329	B241	2.1273	-353.3488	-4.0869	45.5207	0.458	-27.4015	2.7507
NE+4.35	C307	1329	B241	2.4818	-349.8643	-4.0869	45.5207	0.458	-43.5407	4.1997
NE+4.35	C307	1329	B241	2.8364	-346.3798	-4.0869	45.5207	0.458	-59.6798	5.6487
NE+4.35	C307	1329	B241	3.1909	-342.8954	-4.0869	45.5207	0.458	-75.819	7.0976
NE+4.35	C307	1329	B241	3.5455	-339.4109	-4.0869	45.5207	0.458	-91.9581	8.5466
NE+4.35	C307	1329	B241	3.9	-335.9264	-4.0869	45.5207	0.458	-108.0973	9.9956
NE+4.35	C307	1329	B242	0	-457.4002	-5.5742	43.7972	0.7039	64.2746	-7.8357
NE+4.35	C307	1329	B242	0.3545	-454.4135	-5.5742	43.7972	0.7039	48.7465	-5.8593
NE+4.35	C307	1329	B242	0.7091	-451.4268	-5.5742	43.7972	0.7039	33.2184	-3.883
NE+4.35	C307	1329	B242	1.0636	-448.4401	-5.5742	43.7972	0.7039	17.6903	-1.9067
NE+4.35	C307	1329	B242	1.4182	-445.4534	-5.5742	43.7972	0.7039	2.1622	0.0696
NE+4.35	C307	1329	B242	1.7727	-442.4668	-5.5742	43.7972	0.7039	-13.3659	2.0459
NE+4.35	C307	1329	B242	2.1273	-439.4801	-5.5742	43.7972	0.7039	-28.894	4.0222
NE+4.35	C307	1329	B242	2.4818	-436.4934	-5.5742	43.7972	0.7039	-44.4221	5.9986
NE+4.35	C307	1329	B242	2.8364	-433.5067	-5.5742	43.7972	0.7039	-59.9502	7.9749
NE+4.35	C307	1329	B242	3.1909	-430.52	-5.5742	43.7972	0.7039	-75.4783	9.9512
NE+4.35	C307	1329	B242	3.5455	-427.5333	-5.5742	43.7972	0.7039	-91.0064	11.9275
NE+4.35	C307	1329	B242	3.9	-424.5466	-5.5742	43.7972	0.7039	-106.5345	13.9038
NE+4.35	C309	1331	Pprop	0	-154.1812	-0.0015	7.0381	0.0384	10.8549	0.0186
NE+4.35	C309	1331	Pprop	0.3545	-151.5829	-0.0015	7.0381	0.0384	8.3596	0.0191
NE+4.35	C309	1331	Pprop	0.7091	-148.9845	-0.0015	7.0381	0.0384	5.8642	0.0197
NE+4.35	C309	1331	Pprop	1.0636	-146.3862	-0.0015	7.0381	0.0384	3.3689	0.0202
NE+4.35	C309	1331	Pprop	1.4182	-143.7878	-0.0015	7.0381	0.0384	0.8736	0.0207
NE+4.35	C309	1331	Pprop	1.7727	-141.1894	-0.0015	7.0381	0.0384	-1.6218	0.0213
NE+4.35	C309	1331	Pprop	2.1273	-138.5911	-0.0015	7.0381	0.0384	-4.1171	0.0218
NE+4.35	C309	1331	Pprop	2.4818	-135.9927	-0.0015	7.0381	0.0384	-6.6124	0.0223
NE+4.35	C309	1331	Pprop	2.8364	-133.3944	-0.0015	7.0381	0.0384	-9.1078	0.0229
NE+4.35	C309	1331	Pprop	3.1909	-130.796	-0.0015	7.0381	0.0384	-11.6031	0.0234
NE+4.35	C309	1331	Pprop	3.5455	-128.1976	-0.0015	7.0381	0.0384	-14.0984	0.024
NE+4.35	C309	1331	Pprop	3.9	-125.5993	-0.0015	7.0381	0.0384	-16.5938	0.0245

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C309	1331	Viva	0	-115.7192	0.1868	4.4934	0.1363	6.5679	0.2527
NE+4.35	C309	1331	Viva	0.3545	-115.7192	0.1868	4.4934	0.1363	4.9748	0.1865
NE+4.35	C309	1331	Viva	0.7091	-115.7192	0.1868	4.4934	0.1363	3.3817	0.1202
NE+4.35	C309	1331	Viva	1.0636	-115.7192	0.1868	4.4934	0.1363	1.7886	0.054
NE+4.35	C309	1331	Viva	1.4182	-115.7192	0.1868	4.4934	0.1363	0.1954	-0.0122
NE+4.35	C309	1331	Viva	1.7727	-115.7192	0.1868	4.4934	0.1363	-1.3977	-0.0784
NE+4.35	C309	1331	Viva	2.1273	-115.7192	0.1868	4.4934	0.1363	-2.9908	-0.1447
NE+4.35	C309	1331	Viva	2.4818	-115.7192	0.1868	4.4934	0.1363	-4.5839	-0.2109
NE+4.35	C309	1331	Viva	2.8364	-115.7192	0.1868	4.4934	0.1363	-6.177	-0.2771
NE+4.35	C309	1331	Viva	3.1909	-115.7192	0.1868	4.4934	0.1363	-7.7701	-0.3434
NE+4.35	C309	1331	Viva	3.5455	-115.7192	0.1868	4.4934	0.1363	-9.3632	-0.4096
NE+4.35	C309	1331	Viva	3.9	-115.7192	0.1868	4.4934	0.1363	-10.9563	-0.4758
NE+4.35	C309	1331	Psup	0	-266.6728	0.4056	23.3116	0.2129	37.2238	0.5896
NE+4.35	C309	1331	Psup	0.3545	-266.6728	0.4056	23.3116	0.2129	28.9588	0.4458
NE+4.35	C309	1331	Psup	0.7091	-266.6728	0.4056	23.3116	0.2129	20.6937	0.302
NE+4.35	C309	1331	Psup	1.0636	-266.6728	0.4056	23.3116	0.2129	12.4287	0.1581
NE+4.35	C309	1331	Psup	1.4182	-266.6728	0.4056	23.3116	0.2129	4.1637	0.0143
NE+4.35	C309	1331	Psup	1.7727	-266.6728	0.4056	23.3116	0.2129	-4.1014	-0.1295
NE+4.35	C309	1331	Psup	2.1273	-266.6728	0.4056	23.3116	0.2129	-12.3664	-0.2733
NE+4.35	C309	1331	Psup	2.4818	-266.6728	0.4056	23.3116	0.2129	-20.6314	-0.4171
NE+4.35	C309	1331	Psup	2.8364	-266.6728	0.4056	23.3116	0.2129	-28.8964	-0.5609
NE+4.35	C309	1331	Psup	3.1909	-266.6728	0.4056	23.3116	0.2129	-37.1615	-0.7047
NE+4.35	C309	1331	Psup	3.5455	-266.6728	0.4056	23.3116	0.2129	-45.4265	-0.8485
NE+4.35	C309	1331	Psup	3.9	-266.6728	0.4056	23.3116	0.2129	-53.6915	-0.9923
NE+4.35	C309	1331	Viva.cub	0	-85.6171	0.0075	-0.1004	0.0054	-0.4483	0.0008
NE+4.35	C309	1331	Viva.cub	0.3545	-85.6171	0.0075	-0.1004	0.0054	-0.4127	-0.0018
NE+4.35	C309	1331	Viva.cub	0.7091	-85.6171	0.0075	-0.1004	0.0054	-0.3771	-0.0045
NE+4.35	C309	1331	Viva.cub	1.0636	-85.6171	0.0075	-0.1004	0.0054	-0.3415	-0.0071
NE+4.35	C309	1331	Viva.cub	1.4182	-85.6171	0.0075	-0.1004	0.0054	-0.3059	-0.0098
NE+4.35	C309	1331	Viva.cub	1.7727	-85.6171	0.0075	-0.1004	0.0054	-0.2703	-0.0124
NE+4.35	C309	1331	Viva.cub	2.1273	-85.6171	0.0075	-0.1004	0.0054	-0.2347	-0.0151
NE+4.35	C309	1331	Viva.cub	2.4818	-85.6171	0.0075	-0.1004	0.0054	-0.1991	-0.0177
NE+4.35	C309	1331	Viva.cub	2.8364	-85.6171	0.0075	-0.1004	0.0054	-0.1635	-0.0203
NE+4.35	C309	1331	Viva.cub	3.1909	-85.6171	0.0075	-0.1004	0.0054	-0.1279	-0.023
NE+4.35	C309	1331	Viva.cub	3.5455	-85.6171	0.0075	-0.1004	0.0054	-0.0924	-0.0256
NE+4.35	C309	1331	Viva.cub	3.9	-85.6171	0.0075	-0.1004	0.0054	-0.0568	-0.0283
NE+4.35	C309	1331	DISX-COMB Max	0	83.3866	168.7767	48.547	17.1091	137.3266	454.0308
NE+4.35	C309	1331	DISX-COMB Max	0.3545	83.3866	168.7767	48.547	17.1091	120.1282	394.1941
NE+4.35	C309	1331	DISX-COMB Max	0.7091	83.3866	168.7767	48.547	17.1091	102.9345	334.3582
NE+4.35	C309	1331	DISX-COMB Max	1.0636	83.3866	168.7767	48.547	17.1091	85.7481	274.5237
NE+4.35	C309	1331	DISX-COMB Max	1.4182	83.3866	168.7767	48.547	17.1091	68.5746	214.6917
NE+4.35	C309	1331	DISX-COMB Max	1.7727	83.3866	168.7767	48.547	17.1091	51.4269	154.8652
NE+4.35	C309	1331	DISX-COMB Max	2.1273	83.3866	168.7767	48.547	17.1091	34.3438	95.0544
NE+4.35	C309	1331	DISX-COMB Max	2.4818	83.3866	168.7767	48.547	17.1091	17.515	35.3392
NE+4.35	C309	1331	DISX-COMB Max	2.8364	83.3866	168.7767	48.547	17.1091	5.1546	24.976

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C309	1331	DISX-COMB Max	3.1909	83.3866	168.7767	48.547	17.1091	18.4086	84.6177
NE+4.35	C309	1331	DISX-COMB Max	3.5455	83.3866	168.7767	48.547	17.1091	35.2661	144.4228
NE+4.35	C309	1331	DISX-COMB Max	3.9	83.3866	168.7767	48.547	17.1091	52.3549	204.2477
NE+4.35	C309	1331	DISY-COMB Max	0	220.1732	8.7964	110.4385	3.3956	326.5449	23.6993
NE+4.35	C309	1331	DISY-COMB Max	0.3545	220.1732	8.7964	110.4385	3.3956	287.4035	20.581
NE+4.35	C309	1331	DISY-COMB Max	0.7091	220.1732	8.7964	110.4385	3.3956	248.2667	17.4627
NE+4.35	C309	1331	DISY-COMB Max	1.0636	220.1732	8.7964	110.4385	3.3956	209.1368	14.3447
NE+4.35	C309	1331	DISY-COMB Max	1.4182	220.1732	8.7964	110.4385	3.3956	170.0187	11.2271
NE+4.35	C309	1331	DISY-COMB Max	1.7727	220.1732	8.7964	110.4385	3.3956	130.923	8.1103
NE+4.35	C309	1331	DISY-COMB Max	2.1273	220.1732	8.7964	110.4385	3.3956	91.8781	4.996
NE+4.35	C309	1331	DISY-COMB Max	2.4818	220.1732	8.7964	110.4385	3.3956	52.9967	1.896
NE+4.35	C309	1331	DISY-COMB Max	2.8364	220.1732	8.7964	110.4385	3.3956	15.5568	1.2972
NE+4.35	C309	1331	DISY-COMB Max	3.1909	220.1732	8.7964	110.4385	3.3956	27.2338	4.3845
NE+4.35	C309	1331	DISY-COMB Max	3.5455	220.1732	8.7964	110.4385	3.3956	65.6327	7.4978
NE+4.35	C309	1331	DISY-COMB Max	3.9	220.1732	8.7964	110.4385	3.3956	104.5941	10.6143
NE+4.35	C309	1331	B241	0	-545.5515	0.5238	39.3423	0.3257	62.3242	0.7884
NE+4.35	C309	1331	B241	0.3545	-542.1833	0.5238	39.3423	0.3257	48.3756	0.6026
NE+4.35	C309	1331	B241	0.7091	-538.815	0.5238	39.3423	0.3257	34.427	0.4169
NE+4.35	C309	1331	B241	1.0636	-535.4468	0.5238	39.3423	0.3257	20.4784	0.2312
NE+4.35	C309	1331	B241	1.4182	-532.0785	0.5238	39.3423	0.3257	6.5298	0.0455
NE+4.35	C309	1331	B241	1.7727	-528.7103	0.5238	39.3423	0.3257	-7.4189	-0.1402
NE+4.35	C309	1331	B241	2.1273	-525.3421	0.5238	39.3423	0.3257	-21.3675	-0.3259
NE+4.35	C309	1331	B241	2.4818	-521.9738	0.5238	39.3423	0.3257	-35.3161	-0.5117
NE+4.35	C309	1331	B241	2.8364	-518.6056	0.5238	39.3423	0.3257	-49.2647	-0.6974
NE+4.35	C309	1331	B241	3.1909	-515.2373	0.5238	39.3423	0.3257	-63.2133	-0.8831
NE+4.35	C309	1331	B241	3.5455	-511.8691	0.5238	39.3423	0.3257	-77.1619	-1.0688
NE+4.35	C309	1331	B241	3.9	-508.5008	0.5238	39.3423	0.3257	-91.1106	-1.2545
NE+4.35	C309	1331	B242	0	-695.5749	0.7516	40.8611	0.5	63.7052	1.0804
NE+4.35	C309	1331	B242	0.3545	-692.6878	0.7516	40.8611	0.5	49.2181	0.814
NE+4.35	C309	1331	B242	0.7091	-689.8007	0.7516	40.8611	0.5	34.731	0.5475
NE+4.35	C309	1331	B242	1.0636	-686.9137	0.7516	40.8611	0.5	20.2438	0.281
NE+4.35	C309	1331	B242	1.4182	-684.0266	0.7516	40.8611	0.5	5.7567	0.0146
NE+4.35	C309	1331	B242	1.7727	-681.1395	0.7516	40.8611	0.5	-8.7304	-0.2519
NE+4.35	C309	1331	B242	2.1273	-678.2525	0.7516	40.8611	0.5	-23.2176	-0.5184
NE+4.35	C309	1331	B242	2.4818	-675.3654	0.7516	40.8611	0.5	-37.7047	-0.7849
NE+4.35	C309	1331	B242	2.8364	-672.4783	0.7516	40.8611	0.5	-52.1918	-1.0513
NE+4.35	C309	1331	B242	3.1909	-669.5913	0.7516	40.8611	0.5	-66.679	-1.3178
NE+4.35	C309	1331	B242	3.5455	-666.7042	0.7516	40.8611	0.5	-81.1661	-1.5843
NE+4.35	C309	1331	B242	3.9	-663.8171	0.7516	40.8611	0.5	-95.6532	-1.8507
NE+4.35	C311	1333	Pprop	0	-160.1517	-0.0029	10.5054	-0.0338	15.8602	-0.0094
NE+4.35	C311	1333	Pprop	0.3545	-157.4637	-0.0029	10.5054	-0.0338	12.1356	-0.0084
NE+4.35	C311	1333	Pprop	0.7091	-154.7757	-0.0029	10.5054	-0.0338	8.4109	-0.0074
NE+4.35	C311	1333	Pprop	1.0636	-152.0876	-0.0029	10.5054	-0.0338	4.6863	-0.0064
NE+4.35	C311	1333	Pprop	1.4182	-149.3996	-0.0029	10.5054	-0.0338	0.9616	-0.0053
NE+4.35	C311	1333	Pprop	1.7727	-146.7116	-0.0029	10.5054	-0.0338	-2.763	-0.0043

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C311	1333	Pprop	2.1273	-144.0236	-0.0029	10.5054	-0.0338	-6.4877	-0.0033
NE+4.35	C311	1333	Pprop	2.4818	-141.3355	-0.0029	10.5054	-0.0338	-10.2123	-0.0023
NE+4.35	C311	1333	Pprop	2.8364	-138.6475	-0.0029	10.5054	-0.0338	-13.937	-0.0013
NE+4.35	C311	1333	Pprop	3.1909	-135.9595	-0.0029	10.5054	-0.0338	-17.6616	-0.0002
NE+4.35	C311	1333	Pprop	3.5455	-133.2715	-0.0029	10.5054	-0.0338	-21.3862	0.0008
NE+4.35	C311	1333	Pprop	3.9	-130.5835	-0.0029	10.5054	-0.0338	-25.1109	0.0018
NE+4.35	C311	1333	Viva	0	-119.8918	-0.0127	8.1584	-0.0175	11.7634	-0.1085
NE+4.35	C311	1333	Viva	0.3545	-119.8918	-0.0127	8.1584	-0.0175	8.8709	-0.104
NE+4.35	C311	1333	Viva	0.7091	-119.8918	-0.0127	8.1584	-0.0175	5.9784	-0.0995
NE+4.35	C311	1333	Viva	1.0636	-119.8918	-0.0127	8.1584	-0.0175	3.0858	-0.095
NE+4.35	C311	1333	Viva	1.4182	-119.8918	-0.0127	8.1584	-0.0175	0.1933	-0.0905
NE+4.35	C311	1333	Viva	1.7727	-119.8918	-0.0127	8.1584	-0.0175	-2.6992	-0.086
NE+4.35	C311	1333	Viva	2.1273	-119.8918	-0.0127	8.1584	-0.0175	-5.5917	-0.0814
NE+4.35	C311	1333	Viva	2.4818	-119.8918	-0.0127	8.1584	-0.0175	-8.4842	-0.0769
NE+4.35	C311	1333	Viva	2.8364	-119.8918	-0.0127	8.1584	-0.0175	-11.3767	-0.0724
NE+4.35	C311	1333	Viva	3.1909	-119.8918	-0.0127	8.1584	-0.0175	-14.2692	-0.0679
NE+4.35	C311	1333	Viva	3.5455	-119.8918	-0.0127	8.1584	-0.0175	-17.1618	-0.0634
NE+4.35	C311	1333	Viva	3.9	-119.8918	-0.0127	8.1584	-0.0175	-20.0543	-0.0589
NE+4.35	C311	1333	Psup	0	-275.4436	-0.1242	34.7488	-0.119	54.2864	-0.3243
NE+4.35	C311	1333	Psup	0.3545	-275.4436	-0.1242	34.7488	-0.119	41.9664	-0.2803
NE+4.35	C311	1333	Psup	0.7091	-275.4436	-0.1242	34.7488	-0.119	29.6464	-0.2363
NE+4.35	C311	1333	Psup	1.0636	-275.4436	-0.1242	34.7488	-0.119	17.3264	-0.1922
NE+4.35	C311	1333	Psup	1.4182	-275.4436	-0.1242	34.7488	-0.119	5.0063	-0.1482
NE+4.35	C311	1333	Psup	1.7727	-275.4436	-0.1242	34.7488	-0.119	-7.3137	-0.1041
NE+4.35	C311	1333	Psup	2.1273	-275.4436	-0.1242	34.7488	-0.119	-19.6337	-0.0601
NE+4.35	C311	1333	Psup	2.4818	-275.4436	-0.1242	34.7488	-0.119	-31.9537	-0.016
NE+4.35	C311	1333	Psup	2.8364	-275.4436	-0.1242	34.7488	-0.119	-44.2737	0.028
NE+4.35	C311	1333	Psup	3.1909	-275.4436	-0.1242	34.7488	-0.119	-56.5937	0.0721
NE+4.35	C311	1333	Psup	3.5455	-275.4436	-0.1242	34.7488	-0.119	-68.9138	0.1161
NE+4.35	C311	1333	Psup	3.9	-275.4436	-0.1242	34.7488	-0.119	-81.2338	0.1601
NE+4.35	C311	1333	Viva.cub	0	-86.1813	0.0015	-0.1503	0.0033	-0.6898	-0.0066
NE+4.35	C311	1333	Viva.cub	0.3545	-86.1813	0.0015	-0.1503	0.0033	-0.6365	-0.0071
NE+4.35	C311	1333	Viva.cub	0.7091	-86.1813	0.0015	-0.1503	0.0033	-0.5832	-0.0077
NE+4.35	C311	1333	Viva.cub	1.0636	-86.1813	0.0015	-0.1503	0.0033	-0.5299	-0.0082
NE+4.35	C311	1333	Viva.cub	1.4182	-86.1813	0.0015	-0.1503	0.0033	-0.4766	-0.0087
NE+4.35	C311	1333	Viva.cub	1.7727	-86.1813	0.0015	-0.1503	0.0033	-0.4234	-0.0093
NE+4.35	C311	1333	Viva.cub	2.1273	-86.1813	0.0015	-0.1503	0.0033	-0.3701	-0.0098
NE+4.35	C311	1333	Viva.cub	2.4818	-86.1813	0.0015	-0.1503	0.0033	-0.3168	-0.0103
NE+4.35	C311	1333	Viva.cub	2.8364	-86.1813	0.0015	-0.1503	0.0033	-0.2635	-0.0108
NE+4.35	C311	1333	Viva.cub	3.1909	-86.1813	0.0015	-0.1503	0.0033	-0.2102	-0.0114
NE+4.35	C311	1333	Viva.cub	3.5455	-86.1813	0.0015	-0.1503	0.0033	-0.157	-0.0119
NE+4.35	C311	1333	Viva.cub	3.9	-86.1813	0.0015	-0.1503	0.0033	-0.1037	-0.0124
NE+4.35	C311	1333	DISX-COMB Max	0	19.5926	136.744	25.2964	14.8855	73.0634	361.816
NE+4.35	C311	1333	DISX-COMB Max	0.3545	19.5926	136.744	25.2964	14.8855	64.1052	313.3361
NE+4.35	C311	1333	DISX-COMB Max	0.7091	19.5926	136.744	25.2964	14.8855	55.1505	264.8568

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C311	1333	DISX-COMB Max	1.0636	19.5926	136.744	25.2964	14.8855	46.2012	216.3788
NE+4.35	C311	1333	DISX-COMB Max	1.4182	19.5926	136.744	25.2964	14.8855	37.2612	167.9031
NE+4.35	C311	1333	DISX-COMB Max	1.7727	19.5926	136.744	25.2964	14.8855	28.3394	119.4324
NE+4.35	C311	1333	DISX-COMB Max	2.1273	19.5926	136.744	25.2964	14.8855	19.4608	70.9771
NE+4.35	C311	1333	DISX-COMB Max	2.4818	19.5926	136.744	25.2964	14.8855	10.7331	22.6362
NE+4.35	C311	1333	DISX-COMB Max	2.8364	19.5926	136.744	25.2964	14.8855	3.5427	26.2306
NE+4.35	C311	1333	DISX-COMB Max	3.1909	19.5926	136.744	25.2964	14.8855	8.413	74.5969
NE+4.35	C311	1333	DISX-COMB Max	3.5455	19.5926	136.744	25.2964	14.8855	17.0259	123.0542
NE+4.35	C311	1333	DISX-COMB Max	3.9	19.5926	136.744	25.2964	14.8855	25.8817	171.5255
NE+4.35	C311	1333	DISY-COMB Max	0	188.8638	6.8787	153.9609	3.0995	478.6204	18.4712
NE+4.35	C311	1333	DISY-COMB Max	0.3545	188.8638	6.8787	153.9609	3.0995	424.0424	16.0326
NE+4.35	C311	1333	DISY-COMB Max	0.7091	188.8638	6.8787	153.9609	3.0995	369.4669	13.594
NE+4.35	C311	1333	DISY-COMB Max	1.0636	188.8638	6.8787	153.9609	3.0995	314.895	11.1555
NE+4.35	C311	1333	DISY-COMB Max	1.4182	188.8638	6.8787	153.9609	3.0995	260.3291	8.7172
NE+4.35	C311	1333	DISY-COMB Max	1.7727	188.8638	6.8787	153.9609	3.0995	205.7739	6.2793
NE+4.35	C311	1333	DISY-COMB Max	2.1273	188.8638	6.8787	153.9609	3.0995	151.2411	3.8426
NE+4.35	C311	1333	DISY-COMB Max	2.4818	188.8638	6.8787	153.9609	3.0995	96.7685	1.413
NE+4.35	C311	1333	DISY-COMB Max	2.8364	188.8638	6.8787	153.9609	3.0995	42.5874	1.06
NE+4.35	C311	1333	DISY-COMB Max	3.1909	188.8638	6.8787	153.9609	3.0995	14.9173	3.4852
NE+4.35	C311	1333	DISY-COMB Max	3.5455	188.8638	6.8787	153.9609	3.0995	67.7544	5.9215
NE+4.35	C311	1333	DISY-COMB Max	3.9	188.8638	6.8787	153.9609	3.0995	122.1396	8.3593
NE+4.35	C311	1333	B241	0	-564.6606	-0.1648	58.6628	-0.198	90.9308	-0.4326
NE+4.35	C311	1333	B241	0.3545	-561.1761	-0.1648	58.6628	-0.198	70.1322	-0.3742
NE+4.35	C311	1333	B241	0.7091	-557.6916	-0.1648	58.6628	-0.198	49.3335	-0.3158
NE+4.35	C311	1333	B241	1.0636	-554.2071	-0.1648	58.6628	-0.198	28.5349	-0.2574
NE+4.35	C311	1333	B241	1.4182	-550.7227	-0.1648	58.6628	-0.198	7.7363	-0.199
NE+4.35	C311	1333	B241	1.7727	-547.2382	-0.1648	58.6628	-0.198	-13.0624	-0.1406
NE+4.35	C311	1333	B241	2.1273	-543.7537	-0.1648	58.6628	-0.198	-33.861	-0.0821
NE+4.35	C311	1333	B241	2.4818	-540.2693	-0.1648	58.6628	-0.198	-54.6597	-0.0237
NE+4.35	C311	1333	B241	2.8364	-536.7848	-0.1648	58.6628	-0.198	-75.4583	0.0347
NE+4.35	C311	1333	B241	3.1909	-533.3003	-0.1648	58.6628	-0.198	-96.2569	0.0931
NE+4.35	C311	1333	B241	3.5455	-529.8158	-0.1648	58.6628	-0.198	-117.0556	0.1515
NE+4.35	C311	1333	B241	3.9	-526.3314	-0.1648	58.6628	-0.198	-137.8542	0.2099
NE+4.35	C311	1333	B242	0	-718.9123	-0.1608	63.2607	-0.1962	96.4172	-0.5477
NE+4.35	C311	1333	B242	0.3545	-715.9256	-0.1608	63.2607	-0.1962	73.9884	-0.4907
NE+4.35	C311	1333	B242	0.7091	-712.9389	-0.1608	63.2607	-0.1962	51.5597	-0.4337
NE+4.35	C311	1333	B242	1.0636	-709.9523	-0.1608	63.2607	-0.1962	29.1309	-0.3767
NE+4.35	C311	1333	B242	1.4182	-706.9656	-0.1608	63.2607	-0.1962	6.7021	-0.3197
NE+4.35	C311	1333	B242	1.7727	-703.9789	-0.1608	63.2607	-0.1962	-15.7267	-0.2626
NE+4.35	C311	1333	B242	2.1273	-700.9922	-0.1608	63.2607	-0.1962	-38.1555	-0.2056
NE+4.35	C311	1333	B242	2.4818	-698.0055	-0.1608	63.2607	-0.1962	-60.5843	-0.1486
NE+4.35	C311	1333	B242	2.8364	-695.0188	-0.1608	63.2607	-0.1962	-83.0131	-0.0916
NE+4.35	C311	1333	B242	3.1909	-692.0321	-0.1608	63.2607	-0.1962	-105.4418	-0.0345
NE+4.35	C311	1333	B242	3.5455	-689.0454	-0.1608	63.2607	-0.1962	-127.8706	0.0225
NE+4.35	C311	1333	B242	3.9	-686.0587	-0.1608	63.2607	-0.1962	-150.2994	0.0795

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C313	1335	Pprop	0	-152.9119	0.2468	9.8611	-0.0325	14.8285	0.3648
NE+4.35	C313	1335	Pprop	0.3545	-150.2239	0.2468	9.8611	-0.0325	11.3323	0.2773
NE+4.35	C313	1335	Pprop	0.7091	-147.5359	0.2468	9.8611	-0.0325	7.836	0.1898
NE+4.35	C313	1335	Pprop	1.0636	-144.8478	0.2468	9.8611	-0.0325	4.3398	0.1023
NE+4.35	C313	1335	Pprop	1.4182	-142.1598	0.2468	9.8611	-0.0325	0.8436	0.0148
NE+4.35	C313	1335	Pprop	1.7727	-139.4718	0.2468	9.8611	-0.0325	-2.6526	-0.0727
NE+4.35	C313	1335	Pprop	2.1273	-136.7838	0.2468	9.8611	-0.0325	-6.1489	-0.1602
NE+4.35	C313	1335	Pprop	2.4818	-134.0957	0.2468	9.8611	-0.0325	-9.6451	-0.2477
NE+4.35	C313	1335	Pprop	2.8364	-131.4077	0.2468	9.8611	-0.0325	-13.1413	-0.3352
NE+4.35	C313	1335	Pprop	3.1909	-128.7197	0.2468	9.8611	-0.0325	-16.6375	-0.4227
NE+4.35	C313	1335	Pprop	3.5455	-126.0317	0.2468	9.8611	-0.0325	-20.1338	-0.5102
NE+4.35	C313	1335	Pprop	3.9	-123.3437	0.2468	9.8611	-0.0325	-23.63	-0.5977
NE+4.35	C313	1335	Viva	0	-110.14	0.2941	7.9933	-0.0687	11.528	0.3154
NE+4.35	C313	1335	Viva	0.3545	-110.14	0.2941	7.9933	-0.0687	8.694	0.2111
NE+4.35	C313	1335	Viva	0.7091	-110.14	0.2941	7.9933	-0.0687	5.86	0.1068
NE+4.35	C313	1335	Viva	1.0636	-110.14	0.2941	7.9933	-0.0687	3.0261	0.0026
NE+4.35	C313	1335	Viva	1.4182	-110.14	0.2941	7.9933	-0.0687	0.1921	-0.1017
NE+4.35	C313	1335	Viva	1.7727	-110.14	0.2941	7.9933	-0.0687	-2.6419	-0.206
NE+4.35	C313	1335	Viva	2.1273	-110.14	0.2941	7.9933	-0.0687	-5.4759	-0.3102
NE+4.35	C313	1335	Viva	2.4818	-110.14	0.2941	7.9933	-0.0687	-8.3099	-0.4145
NE+4.35	C313	1335	Viva	2.8364	-110.14	0.2941	7.9933	-0.0687	-11.1439	-0.5187
NE+4.35	C313	1335	Viva	3.1909	-110.14	0.2941	7.9933	-0.0687	-13.9779	-0.623
NE+4.35	C313	1335	Viva	3.5455	-110.14	0.2941	7.9933	-0.0687	-16.8118	-0.7273
NE+4.35	C313	1335	Viva	3.9	-110.14	0.2941	7.9933	-0.0687	-19.6458	-0.8315
NE+4.35	C313	1335	Psup	0	-253.8436	0.2636	31.9962	-0.1413	49.8238	0.2625
NE+4.35	C313	1335	Psup	0.3545	-253.8436	0.2636	31.9962	-0.1413	38.4797	0.1691
NE+4.35	C313	1335	Psup	0.7091	-253.8436	0.2636	31.9962	-0.1413	27.1356	0.0756
NE+4.35	C313	1335	Psup	1.0636	-253.8436	0.2636	31.9962	-0.1413	15.7915	-0.0179
NE+4.35	C313	1335	Psup	1.4182	-253.8436	0.2636	31.9962	-0.1413	4.4474	-0.1113
NE+4.35	C313	1335	Psup	1.7727	-253.8436	0.2636	31.9962	-0.1413	-6.8967	-0.2048
NE+4.35	C313	1335	Psup	2.1273	-253.8436	0.2636	31.9962	-0.1413	-18.2408	-0.2982
NE+4.35	C313	1335	Psup	2.4818	-253.8436	0.2636	31.9962	-0.1413	-29.5849	-0.3917
NE+4.35	C313	1335	Psup	2.8364	-253.8436	0.2636	31.9962	-0.1413	-40.929	-0.4852
NE+4.35	C313	1335	Psup	3.1909	-253.8436	0.2636	31.9962	-0.1413	-52.2731	-0.5786
NE+4.35	C313	1335	Psup	3.5455	-253.8436	0.2636	31.9962	-0.1413	-63.6172	-0.6721
NE+4.35	C313	1335	Psup	3.9	-253.8436	0.2636	31.9962	-0.1413	-74.9613	-0.7656
NE+4.35	C313	1335	Viva.cub	0	-85.5554	-0.0015	-0.1393	0.0021	-0.669	-0.0118
NE+4.35	C313	1335	Viva.cub	0.3545	-85.5554	-0.0015	-0.1393	0.0021	-0.6196	-0.0113
NE+4.35	C313	1335	Viva.cub	0.7091	-85.5554	-0.0015	-0.1393	0.0021	-0.5702	-0.0108
NE+4.35	C313	1335	Viva.cub	1.0636	-85.5554	-0.0015	-0.1393	0.0021	-0.5208	-0.0102
NE+4.35	C313	1335	Viva.cub	1.4182	-85.5554	-0.0015	-0.1393	0.0021	-0.4714	-0.0097
NE+4.35	C313	1335	Viva.cub	1.7727	-85.5554	-0.0015	-0.1393	0.0021	-0.422	-0.0092
NE+4.35	C313	1335	Viva.cub	2.1273	-85.5554	-0.0015	-0.1393	0.0021	-0.3726	-0.0087
NE+4.35	C313	1335	Viva.cub	2.4818	-85.5554	-0.0015	-0.1393	0.0021	-0.3232	-0.0082
NE+4.35	C313	1335	Viva.cub	2.8364	-85.5554	-0.0015	-0.1393	0.0021	-0.2738	-0.0076

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C313	1335	Viva.cub	3.1909	-85.5554	-0.0015	-0.1393	0.0021	-0.2244	-0.0071
NE+4.35	C313	1335	Viva.cub	3.5455	-85.5554	-0.0015	-0.1393	0.0021	-0.175	-0.0066
NE+4.35	C313	1335	Viva.cub	3.9	-85.5554	-0.0015	-0.1393	0.0021	-0.1256	-0.0061
NE+4.35	C313	1335	DISX-COMB Max	0	45.103	138.7187	22.696	13.7312	70.5433	364.927
NE+4.35	C313	1335	DISX-COMB Max	0.3545	45.103	138.7187	22.696	13.7312	62.5004	315.7467
NE+4.35	C313	1335	DISX-COMB Max	0.7091	45.103	138.7187	22.696	13.7312	54.4587	266.5671
NE+4.35	C313	1335	DISX-COMB Max	1.0636	45.103	138.7187	22.696	13.7312	46.4187	217.3885
NE+4.35	C313	1335	DISX-COMB Max	1.4182	45.103	138.7187	22.696	13.7312	38.3816	168.2121
NE+4.35	C313	1335	DISX-COMB Max	1.7727	45.103	138.7187	22.696	13.7312	30.3495	119.0403
NE+4.35	C313	1335	DISX-COMB Max	2.1273	45.103	138.7187	22.696	13.7312	22.3281	69.8829
NE+4.35	C313	1335	DISX-COMB Max	2.4818	45.103	138.7187	22.696	13.7312	14.3351	20.8425
NE+4.35	C313	1335	DISX-COMB Max	2.8364	45.103	138.7187	22.696	13.7312	6.4766	28.6872
NE+4.35	C313	1335	DISX-COMB Max	3.1909	45.103	138.7187	22.696	13.7312	2.8106	77.777
NE+4.35	C313	1335	DISX-COMB Max	3.5455	45.103	138.7187	22.696	13.7312	10.1663	126.9383
NE+4.35	C313	1335	DISX-COMB Max	3.9	45.103	138.7187	22.696	13.7312	18.1193	176.1111
NE+4.35	C313	1335	DISY-COMB Max	0	186.4058	6.95	148.142	3.0539	460.9141	18.5952
NE+4.35	C313	1335	DISY-COMB Max	0.3545	186.4058	6.95	148.142	3.0539	408.3941	16.1313
NE+4.35	C313	1335	DISY-COMB Max	0.7091	186.4058	6.95	148.142	3.0539	355.875	13.6674
NE+4.35	C313	1335	DISY-COMB Max	1.0636	186.4058	6.95	148.142	3.0539	303.3572	11.2036
NE+4.35	C313	1335	DISY-COMB Max	1.4182	186.4058	6.95	148.142	3.0539	250.8417	8.74
NE+4.35	C313	1335	DISY-COMB Max	1.7727	186.4058	6.95	148.142	3.0539	198.3302	6.2768
NE+4.35	C313	1335	DISY-COMB Max	2.1273	186.4058	6.95	148.142	3.0539	145.827	3.8148
NE+4.35	C313	1335	DISY-COMB Max	2.4818	186.4058	6.95	148.142	3.0539	93.3462	1.3601
NE+4.35	C313	1335	DISY-COMB Max	2.8364	186.4058	6.95	148.142	3.0539	40.9737	1.136
NE+4.35	C313	1335	DISY-COMB Max	3.1909	186.4058	6.95	148.142	3.0539	12.7091	3.5881
NE+4.35	C313	1335	DISY-COMB Max	3.5455	186.4058	6.95	148.142	3.0539	64.51	6.05
NE+4.35	C313	1335	DISY-COMB Max	3.9	186.4058	6.95	148.142	3.0539	116.9569	8.5131
NE+4.35	C313	1335	B241	0	-527.2757	0.6617	54.2595	-0.2252	83.8085	0.8132
NE+4.35	C313	1335	B241	0.3545	-523.7912	0.6617	54.2595	-0.2252	64.5711	0.5786
NE+4.35	C313	1335	B241	0.7091	-520.3067	0.6617	54.2595	-0.2252	45.3336	0.344
NE+4.35	C313	1335	B241	1.0636	-516.8223	0.6617	54.2595	-0.2252	26.0961	0.1094
NE+4.35	C313	1335	B241	1.4182	-513.3378	0.6617	54.2595	-0.2252	6.8587	-0.1251
NE+4.35	C313	1335	B241	1.7727	-509.8533	0.6617	54.2595	-0.2252	-12.3788	-0.3597
NE+4.35	C313	1335	B241	2.1273	-506.3689	0.6617	54.2595	-0.2252	-31.6163	-0.5943
NE+4.35	C313	1335	B241	2.4818	-502.8844	0.6617	54.2595	-0.2252	-50.8537	-0.8289
NE+4.35	C313	1335	B241	2.8364	-499.3999	0.6617	54.2595	-0.2252	-70.0912	-1.0635
NE+4.35	C313	1335	B241	3.1909	-495.9154	0.6617	54.2595	-0.2252	-89.3287	-1.2981
NE+4.35	C313	1335	B241	3.5455	-492.431	0.6617	54.2595	-0.2252	-108.5661	-1.5327
NE+4.35	C313	1335	B241	3.9	-488.9465	0.6617	54.2595	-0.2252	-127.8036	-1.7672
NE+4.35	C313	1335	B242	0	-670.9523	1.0369	59.2278	-0.3019	89.9462	1.1957
NE+4.35	C313	1335	B242	0.3545	-667.9657	1.0369	59.2278	-0.3019	68.9473	0.8281
NE+4.35	C313	1335	B242	0.7091	-664.979	1.0369	59.2278	-0.3019	47.9483	0.4604
NE+4.35	C313	1335	B242	1.0636	-661.9923	1.0369	59.2278	-0.3019	26.9494	0.0928
NE+4.35	C313	1335	B242	1.4182	-659.0056	1.0369	59.2278	-0.3019	5.9505	-0.2748
NE+4.35	C313	1335	B242	1.7727	-656.0189	1.0369	59.2278	-0.3019	-15.0485	-0.6425

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C313	1335	B242	2.1273	-653.0322	1.0369	59.2278	-0.3019	-36.0474	-1.0101
NE+4.35	C313	1335	B242	2.4818	-650.0455	1.0369	59.2278	-0.3019	-57.0463	-1.3777
NE+4.35	C313	1335	B242	2.8364	-647.0588	1.0369	59.2278	-0.3019	-78.0453	-1.7454
NE+4.35	C313	1335	B242	3.1909	-644.0721	1.0369	59.2278	-0.3019	-99.0442	-2.113
NE+4.35	C313	1335	B242	3.5455	-641.0854	1.0369	59.2278	-0.3019	-120.0431	-2.4806
NE+4.35	C313	1335	B242	3.9	-638.0987	1.0369	59.2278	-0.3019	-141.0421	-2.8483
NE+4.35	C315	1337	Pprop	0	-157.4863	-0.3454	10.3197	-0.1222	15.5719	-0.5137
NE+4.35	C315	1337	Pprop	0.3545	-154.7983	-0.3454	10.3197	-0.1222	11.9131	-0.3913
NE+4.35	C315	1337	Pprop	0.7091	-152.1103	-0.3454	10.3197	-0.1222	8.2543	-0.2688
NE+4.35	C315	1337	Pprop	1.0636	-149.4223	-0.3454	10.3197	-0.1222	4.5955	-0.1464
NE+4.35	C315	1337	Pprop	1.4182	-146.7343	-0.3454	10.3197	-0.1222	0.9367	-0.0239
NE+4.35	C315	1337	Pprop	1.7727	-144.0462	-0.3454	10.3197	-0.1222	-2.7221	0.0985
NE+4.35	C315	1337	Pprop	2.1273	-141.3582	-0.3454	10.3197	-0.1222	-6.3808	0.221
NE+4.35	C315	1337	Pprop	2.4818	-138.6702	-0.3454	10.3197	-0.1222	-10.0396	0.3434
NE+4.35	C315	1337	Pprop	2.8364	-135.9822	-0.3454	10.3197	-0.1222	-13.6984	0.4659
NE+4.35	C315	1337	Pprop	3.1909	-133.2941	-0.3454	10.3197	-0.1222	-17.3572	0.5883
NE+4.35	C315	1337	Pprop	3.5455	-130.6061	-0.3454	10.3197	-0.1222	-21.016	0.7108
NE+4.35	C315	1337	Pprop	3.9	-127.9181	-0.3454	10.3197	-0.1222	-24.6748	0.8332
NE+4.35	C315	1337	Viva	0	-120.2689	-0.6044	10.2636	-0.1352	15.1981	-0.9678
NE+4.35	C315	1337	Viva	0.3545	-120.2689	-0.6044	10.2636	-0.1352	11.5592	-0.7535
NE+4.35	C315	1337	Viva	0.7091	-120.2689	-0.6044	10.2636	-0.1352	7.9203	-0.5392
NE+4.35	C315	1337	Viva	1.0636	-120.2689	-0.6044	10.2636	-0.1352	4.2814	-0.3249
NE+4.35	C315	1337	Viva	1.4182	-120.2689	-0.6044	10.2636	-0.1352	0.6425	-0.1107
NE+4.35	C315	1337	Viva	1.7727	-120.2689	-0.6044	10.2636	-0.1352	-2.9964	0.1036
NE+4.35	C315	1337	Viva	2.1273	-120.2689	-0.6044	10.2636	-0.1352	-6.6353	0.3179
NE+4.35	C315	1337	Viva	2.4818	-120.2689	-0.6044	10.2636	-0.1352	-10.2743	0.5322
NE+4.35	C315	1337	Viva	2.8364	-120.2689	-0.6044	10.2636	-0.1352	-13.9132	0.7465
NE+4.35	C315	1337	Viva	3.1909	-120.2689	-0.6044	10.2636	-0.1352	-17.5521	0.9608
NE+4.35	C315	1337	Viva	3.5455	-120.2689	-0.6044	10.2636	-0.1352	-21.191	1.1751
NE+4.35	C315	1337	Viva	3.9	-120.2689	-0.6044	10.2636	-0.1352	-24.8299	1.3894
NE+4.35	C315	1337	Psup	0	-258.8452	-0.6285	32.4726	-0.2364	50.5467	-1.1013
NE+4.35	C315	1337	Psup	0.3545	-258.8452	-0.6285	32.4726	-0.2364	39.0337	-0.8784
NE+4.35	C315	1337	Psup	0.7091	-258.8452	-0.6285	32.4726	-0.2364	27.5207	-0.6556
NE+4.35	C315	1337	Psup	1.0636	-258.8452	-0.6285	32.4726	-0.2364	16.0077	-0.4327
NE+4.35	C315	1337	Psup	1.4182	-258.8452	-0.6285	32.4726	-0.2364	4.4947	-0.2099
NE+4.35	C315	1337	Psup	1.7727	-258.8452	-0.6285	32.4726	-0.2364	-7.0183	0.0129
NE+4.35	C315	1337	Psup	2.1273	-258.8452	-0.6285	32.4726	-0.2364	-18.5313	0.2358
NE+4.35	C315	1337	Psup	2.4818	-258.8452	-0.6285	32.4726	-0.2364	-30.0443	0.4586
NE+4.35	C315	1337	Psup	2.8364	-258.8452	-0.6285	32.4726	-0.2364	-41.5573	0.6814
NE+4.35	C315	1337	Psup	3.1909	-258.8452	-0.6285	32.4726	-0.2364	-53.0703	0.9043
NE+4.35	C315	1337	Psup	3.5455	-258.8452	-0.6285	32.4726	-0.2364	-64.5833	1.1271
NE+4.35	C315	1337	Psup	3.9	-258.8452	-0.6285	32.4726	-0.2364	-76.0963	1.35
NE+4.35	C315	1337	Viva.cub	0	-86.0957	0.0158	-0.1367	0.006	-0.6628	0.0186
NE+4.35	C315	1337	Viva.cub	0.3545	-86.0957	0.0158	-0.1367	0.006	-0.6143	0.013
NE+4.35	C315	1337	Viva.cub	0.7091	-86.0957	0.0158	-0.1367	0.006	-0.5658	0.0073

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C315	1337	Viva.cub	1.0636	-86.0957	0.0158	-0.1367	0.006	-0.5173	0.0017
NE+4.35	C315	1337	Viva.cub	1.4182	-86.0957	0.0158	-0.1367	0.006	-0.4689	-0.0039
NE+4.35	C315	1337	Viva.cub	1.7727	-86.0957	0.0158	-0.1367	0.006	-0.4204	-0.0095
NE+4.35	C315	1337	Viva.cub	2.1273	-86.0957	0.0158	-0.1367	0.006	-0.3719	-0.0151
NE+4.35	C315	1337	Viva.cub	2.4818	-86.0957	0.0158	-0.1367	0.006	-0.3235	-0.0207
NE+4.35	C315	1337	Viva.cub	2.8364	-86.0957	0.0158	-0.1367	0.006	-0.275	-0.0264
NE+4.35	C315	1337	Viva.cub	3.1909	-86.0957	0.0158	-0.1367	0.006	-0.2265	-0.032
NE+4.35	C315	1337	Viva.cub	3.5455	-86.0957	0.0158	-0.1367	0.006	-0.178	-0.0376
NE+4.35	C315	1337	Viva.cub	3.9	-86.0957	0.0158	-0.1367	0.006	-0.1296	-0.0432
NE+4.35	C315	1337	DISX-COMB Max	0	57.0379	138.1484	62.3416	12.0429	185.935	363.9778
NE+4.35	C315	1337	DISX-COMB Max	0.3545	57.0379	138.1484	62.3416	12.0429	163.8569	314.9999
NE+4.35	C315	1337	DISX-COMB Max	0.7091	57.0379	138.1484	62.3416	12.0429	141.7866	266.0227
NE+4.35	C315	1337	DISX-COMB Max	1.0636	57.0379	138.1484	62.3416	12.0429	119.7283	217.0466
NE+4.35	C315	1337	DISX-COMB Max	1.4182	57.0379	138.1484	62.3416	12.0429	97.6902	168.0729
NE+4.35	C315	1337	DISX-COMB Max	1.7727	57.0379	138.1484	62.3416	12.0429	75.6899	119.1041
NE+4.35	C315	1337	DISX-COMB Max	2.1273	57.0379	138.1484	62.3416	12.0429	53.7739	70.1509
NE+4.35	C315	1337	DISX-COMB Max	2.4818	57.0379	138.1484	62.3416	12.0429	32.115	21.3207
NE+4.35	C315	1337	DISX-COMB Max	2.8364	57.0379	138.1484	62.3416	12.0429	12.1737	28.0365
NE+4.35	C315	1337	DISX-COMB Max	3.1909	57.0379	138.1484	62.3416	12.0429	15.5597	76.9128
NE+4.35	C315	1337	DISX-COMB Max	3.5455	57.0379	138.1484	62.3416	12.0429	36.2365	125.8697
NE+4.35	C315	1337	DISX-COMB Max	3.9	57.0379	138.1484	62.3416	12.0429	57.9754	174.8394
NE+4.35	C315	1337	DISY-COMB Max	0	185.0127	7.3582	143.8502	2.8511	447.2953	19.1737
NE+4.35	C315	1337	DISY-COMB Max	0.3545	185.0127	7.3582	143.8502	2.8511	396.2949	16.566
NE+4.35	C315	1337	DISY-COMB Max	0.7091	185.0127	7.3582	143.8502	2.8511	345.2947	13.9586
NE+4.35	C315	1337	DISY-COMB Max	1.0636	185.0127	7.3582	143.8502	2.8511	294.2949	11.3519
NE+4.35	C315	1337	DISY-COMB Max	1.4182	185.0127	7.3582	143.8502	2.8511	243.2958	8.7464
NE+4.35	C315	1337	DISY-COMB Max	1.7727	185.0127	7.3582	143.8502	2.8511	192.298	6.1438
NE+4.35	C315	1337	DISY-COMB Max	2.1273	185.0127	7.3582	143.8502	2.8511	141.3028	3.5503
NE+4.35	C315	1337	DISY-COMB Max	2.4818	185.0127	7.3582	143.8502	2.8511	90.3145	1.0364
NE+4.35	C315	1337	DISY-COMB Max	2.8364	185.0127	7.3582	143.8502	2.8511	39.3603	1.7764
NE+4.35	C315	1337	DISY-COMB Max	3.1909	185.0127	7.3582	143.8502	2.8511	12.0022	4.3415
NE+4.35	C315	1337	DISY-COMB Max	3.5455	185.0127	7.3582	143.8502	2.8511	62.7786	6.9393
NE+4.35	C315	1337	DISY-COMB Max	3.9	185.0127	7.3582	143.8502	2.8511	113.7566	9.5431
NE+4.35	C315	1337	B241	0	-539.689	-1.2624	55.4714	-0.4648	85.7092	-2.0935
NE+4.35	C315	1337	B241	0.3545	-536.2045	-1.2624	55.4714	-0.4648	66.0421	-1.6459
NE+4.35	C315	1337	B241	0.7091	-532.72	-1.2624	55.4714	-0.4648	46.375	-1.1983
NE+4.35	C315	1337	B241	1.0636	-529.2356	-1.2624	55.4714	-0.4648	26.7078	-0.7507
NE+4.35	C315	1337	B241	1.4182	-525.7511	-1.2624	55.4714	-0.4648	7.0407	-0.3031
NE+4.35	C315	1337	B241	1.7727	-522.2666	-1.2624	55.4714	-0.4648	-12.6264	0.1445
NE+4.35	C315	1337	B241	2.1273	-518.7822	-1.2624	55.4714	-0.4648	-32.2935	0.5921
NE+4.35	C315	1337	B241	2.4818	-515.2977	-1.2624	55.4714	-0.4648	-51.9607	1.0397
NE+4.35	C315	1337	B241	2.8364	-511.8132	-1.2624	55.4714	-0.4648	-71.6278	1.4873
NE+4.35	C315	1337	B241	3.1909	-508.3287	-1.2624	55.4714	-0.4648	-91.2949	1.9348
NE+4.35	C315	1337	B241	3.5455	-504.8443	-1.2624	55.4714	-0.4648	-110.9621	2.3824
NE+4.35	C315	1337	B241	3.9	-501.3598	-1.2624	55.4714	-0.4648	-130.6292	2.83

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C315	1337	B242	0	-698.0686	-2.0412	63.9003	-0.6117	97.4507	-3.3337
NE+4.35	C315	1337	B242	0.3545	-695.082	-2.0412	63.9003	-0.6117	74.7951	-2.61
NE+4.35	C315	1337	B242	0.7091	-692.0953	-2.0412	63.9003	-0.6117	52.1396	-1.8862
NE+4.35	C315	1337	B242	1.0636	-689.1086	-2.0412	63.9003	-0.6117	29.484	-1.1625
NE+4.35	C315	1337	B242	1.4182	-686.1219	-2.0412	63.9003	-0.6117	6.8284	-0.4388
NE+4.35	C315	1337	B242	1.7727	-683.1352	-2.0412	63.9003	-0.6117	-15.8271	0.2849
NE+4.35	C315	1337	B242	2.1273	-680.1485	-2.0412	63.9003	-0.6117	-38.4827	1.0086
NE+4.35	C315	1337	B242	2.4818	-677.1618	-2.0412	63.9003	-0.6117	-61.1382	1.7323
NE+4.35	C315	1337	B242	2.8364	-674.1751	-2.0412	63.9003	-0.6117	-83.7938	2.456
NE+4.35	C315	1337	B242	3.1909	-671.1884	-2.0412	63.9003	-0.6117	-106.4494	3.1797
NE+4.35	C315	1337	B242	3.5455	-668.2017	-2.0412	63.9003	-0.6117	-129.1049	3.9034
NE+4.35	C315	1337	B242	3.9	-665.215	-2.0412	63.9003	-0.6117	-151.7605	4.6272
NE+4.35	C1	1	Pprop	0	-119.5038	1.5072	8.1324	0.3055	12.0202	2.2566
NE+4.35	C1	1	Pprop	0.3545	-116.8158	1.5072	8.1324	0.3055	9.1369	1.7222
NE+4.35	C1	1	Pprop	0.7091	-114.1278	1.5072	8.1324	0.3055	6.2536	1.1879
NE+4.35	C1	1	Pprop	1.0636	-111.4398	1.5072	8.1324	0.3055	3.3703	0.6535
NE+4.35	C1	1	Pprop	1.4182	-108.7517	1.5072	8.1324	0.3055	0.487	0.1191
NE+4.35	C1	1	Pprop	1.7727	-106.0637	1.5072	8.1324	0.3055	-2.3963	-0.4152
NE+4.35	C1	1	Pprop	2.1273	-103.3757	1.5072	8.1324	0.3055	-5.2796	-0.9496
NE+4.35	C1	1	Pprop	2.4818	-100.6877	1.5072	8.1324	0.3055	-8.1629	-1.484
NE+4.35	C1	1	Pprop	2.8364	-97.9996	1.5072	8.1324	0.3055	-11.0462	-2.0184
NE+4.35	C1	1	Pprop	3.1909	-95.3116	1.5072	8.1324	0.3055	-13.9295	-2.5527
NE+4.35	C1	1	Pprop	3.5455	-92.6236	1.5072	8.1324	0.3055	-16.8128	-3.0871
NE+4.35	C1	1	Pprop	3.9	-89.9356	1.5072	8.1324	0.3055	-19.6961	-3.6215
NE+4.35	C1	1	Viva	0	-82.4177	2.4903	10.1373	0.477	14.7562	3.5354
NE+4.35	C1	1	Viva	0.3545	-82.4177	2.4903	10.1373	0.477	11.1621	2.6525
NE+4.35	C1	1	Viva	0.7091	-82.4177	2.4903	10.1373	0.477	7.568	1.7696
NE+4.35	C1	1	Viva	1.0636	-82.4177	2.4903	10.1373	0.477	3.9738	0.8866
NE+4.35	C1	1	Viva	1.4182	-82.4177	2.4903	10.1373	0.477	0.3797	0.0037
NE+4.35	C1	1	Viva	1.7727	-82.4177	2.4903	10.1373	0.477	-3.2144	-0.8792
NE+4.35	C1	1	Viva	2.1273	-82.4177	2.4903	10.1373	0.477	-6.8085	-1.7621
NE+4.35	C1	1	Viva	2.4818	-82.4177	2.4903	10.1373	0.477	-10.4027	-2.645
NE+4.35	C1	1	Viva	2.8364	-82.4177	2.4903	10.1373	0.477	-13.9968	-3.528
NE+4.35	C1	1	Viva	3.1909	-82.4177	2.4903	10.1373	0.477	-17.5909	-4.4109
NE+4.35	C1	1	Viva	3.5455	-82.4177	2.4903	10.1373	0.477	-21.1851	-5.2938
NE+4.35	C1	1	Viva	3.9	-82.4177	2.4903	10.1373	0.477	-24.7792	-6.1767
NE+4.35	C1	1	Psup	0	-154.1233	2.2198	24.6428	0.2945	37.6039	3.1222
NE+4.35	C1	1	Psup	0.3545	-154.1233	2.2198	24.6428	0.2945	28.8669	2.3352
NE+4.35	C1	1	Psup	0.7091	-154.1233	2.2198	24.6428	0.2945	20.1299	1.5482
NE+4.35	C1	1	Psup	1.0636	-154.1233	2.2198	24.6428	0.2945	11.3929	0.7612
NE+4.35	C1	1	Psup	1.4182	-154.1233	2.2198	24.6428	0.2945	2.6559	-0.0258
NE+4.35	C1	1	Psup	1.7727	-154.1233	2.2198	24.6428	0.2945	-6.0812	-0.8129
NE+4.35	C1	1	Psup	2.1273	-154.1233	2.2198	24.6428	0.2945	-14.8182	-1.5999
NE+4.35	C1	1	Psup	2.4818	-154.1233	2.2198	24.6428	0.2945	-23.5552	-2.3869
NE+4.35	C1	1	Psup	2.8364	-154.1233	2.2198	24.6428	0.2945	-32.2922	-3.1739

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C1	1	Psup	3.1909	-154.1233	2.2198	24.6428	0.2945	-41.0292	-3.9609
NE+4.35	C1	1	Psup	3.5455	-154.1233	2.2198	24.6428	0.2945	-49.7662	-4.7479
NE+4.35	C1	1	Psup	3.9	-154.1233	2.2198	24.6428	0.2945	-58.5032	-5.5349
NE+4.35	C1	1	Viva.cub	0	-85.862	-0.0345	-0.1569	-0.0058	-0.6911	-0.0666
NE+4.35	C1	1	Viva.cub	0.3545	-85.862	-0.0345	-0.1569	-0.0058	-0.6355	-0.0544
NE+4.35	C1	1	Viva.cub	0.7091	-85.862	-0.0345	-0.1569	-0.0058	-0.5799	-0.0422
NE+4.35	C1	1	Viva.cub	1.0636	-85.862	-0.0345	-0.1569	-0.0058	-0.5242	-0.03
NE+4.35	C1	1	Viva.cub	1.4182	-85.862	-0.0345	-0.1569	-0.0058	-0.4686	-0.0178
NE+4.35	C1	1	Viva.cub	1.7727	-85.862	-0.0345	-0.1569	-0.0058	-0.413	-0.0055
NE+4.35	C1	1	Viva.cub	2.1273	-85.862	-0.0345	-0.1569	-0.0058	-0.3574	0.0067
NE+4.35	C1	1	Viva.cub	2.4818	-85.862	-0.0345	-0.1569	-0.0058	-0.3017	0.0189
NE+4.35	C1	1	Viva.cub	2.8364	-85.862	-0.0345	-0.1569	-0.0058	-0.2461	0.0311
NE+4.35	C1	1	Viva.cub	3.1909	-85.862	-0.0345	-0.1569	-0.0058	-0.1905	0.0433
NE+4.35	C1	1	Viva.cub	3.5455	-85.862	-0.0345	-0.1569	-0.0058	-0.1349	0.0555
NE+4.35	C1	1	Viva.cub	3.9	-85.862	-0.0345	-0.1569	-0.0058	-0.0793	0.0678
NE+4.35	C1	1	DISX-COMB Max	0	66.6633	125.894	102.2265	21.522	311.4007	345.1832
NE+4.35	C1	1	DISX-COMB Max	0.3545	66.6633	125.894	102.2265	21.522	275.1865	300.5518
NE+4.35	C1	1	DISX-COMB Max	0.7091	66.6633	125.894	102.2265	21.522	238.9813	255.9217
NE+4.35	C1	1	DISX-COMB Max	1.0636	66.6633	125.894	102.2265	21.522	202.79	211.2936
NE+4.35	C1	1	DISX-COMB Max	1.4182	66.6633	125.894	102.2265	21.522	166.6215	166.6694
NE+4.35	C1	1	DISX-COMB Max	1.7727	66.6633	125.894	102.2265	21.522	130.495	122.0532
NE+4.35	C1	1	DISX-COMB Max	2.1273	66.6633	125.894	102.2265	21.522	94.4584	77.4588
NE+4.35	C1	1	DISX-COMB Max	2.4818	66.6633	125.894	102.2265	21.522	58.6779	32.9747
NE+4.35	C1	1	DISX-COMB Max	2.8364	66.6633	125.894	102.2265	21.522	24.3112	12.6249
NE+4.35	C1	1	DISX-COMB Max	3.1909	66.6633	125.894	102.2265	21.522	19.1371	56.7101
NE+4.35	C1	1	DISX-COMB Max	3.5455	66.6633	125.894	102.2265	21.522	52.6181	101.2782
NE+4.35	C1	1	DISX-COMB Max	3.9	66.6633	125.894	102.2265	21.522	88.3083	145.8873
NE+4.35	C1	1	DISY-COMB Max	0	149.0403	5.2095	133.3078	3.9593	423.3089	15.5495
NE+4.35	C1	1	DISY-COMB Max	0.3545	149.0403	5.2095	133.3078	3.9593	376.0455	13.7491
NE+4.35	C1	1	DISY-COMB Max	0.7091	149.0403	5.2095	133.3078	3.9593	328.7822	11.9629
NE+4.35	C1	1	DISY-COMB Max	1.0636	149.0403	5.2095	133.3078	3.9593	281.519	10.1984
NE+4.35	C1	1	DISY-COMB Max	1.4182	149.0403	5.2095	133.3078	3.9593	234.256	8.4691
NE+4.35	C1	1	DISY-COMB Max	1.7727	149.0403	5.2095	133.3078	3.9593	186.9934	6.802
NE+4.35	C1	1	DISY-COMB Max	2.1273	149.0403	5.2095	133.3078	3.9593	139.7315	5.2566
NE+4.35	C1	1	DISY-COMB Max	2.4818	149.0403	5.2095	133.3078	3.9593	92.4714	3.9773
NE+4.35	C1	1	DISY-COMB Max	2.8364	149.0403	5.2095	133.3078	3.9593	45.2189	3.2908
NE+4.35	C1	1	DISY-COMB Max	3.1909	149.0403	5.2095	133.3078	3.9593	2.499	3.5585
NE+4.35	C1	1	DISY-COMB Max	3.5455	149.0403	5.2095	133.3078	3.9593	49.3503	4.6172
NE+4.35	C1	1	DISY-COMB Max	3.9	149.0403	5.2095	133.3078	3.9593	96.6042	6.0661
NE+4.35	C1	1	B241	0	-354.7018	4.8313	42.4864	0.7778	64.3275	6.9725
NE+4.35	C1	1	B241	0.3545	-351.2173	4.8313	42.4864	0.7778	49.2641	5.2596
NE+4.35	C1	1	B241	0.7091	-347.7329	4.8313	42.4864	0.7778	34.2008	3.5467
NE+4.35	C1	1	B241	1.0636	-344.2484	4.8313	42.4864	0.7778	19.1374	1.8338
NE+4.35	C1	1	B241	1.4182	-340.7639	4.8313	42.4864	0.7778	4.0741	0.1209
NE+4.35	C1	1	B241	1.7727	-337.2795	4.8313	42.4864	0.7778	-10.9893	-1.592

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	C1	1	B241	2.1273	-333.795	4.8313	42.4864	0.7778	-26.0527	-3.3049
NE+4.35	C1	1	B241	2.4818	-330.3105	4.8313	42.4864	0.7778	-41.116	-5.0178
NE+4.35	C1	1	B241	2.8364	-326.826	4.8313	42.4864	0.7778	-56.1794	-6.7307
NE+4.35	C1	1	B241	3.1909	-323.3416	4.8313	42.4864	0.7778	-71.2427	-8.4436
NE+4.35	C1	1	B241	3.5455	-319.8571	4.8313	42.4864	0.7778	-86.3061	-10.1565
NE+4.35	C1	1	B241	3.9	-316.3726	4.8313	42.4864	0.7778	-101.3695	-11.8694
NE+4.35	C1	1	B242	0	-478.8295	8.1083	52.5581	1.427	78.4023	11.5998
NE+4.35	C1	1	B242	0.3545	-475.8428	8.1083	52.5581	1.427	59.768	8.725
NE+4.35	C1	1	B242	0.7091	-472.8561	8.1083	52.5581	1.427	41.1338	5.8503
NE+4.35	C1	1	B242	1.0636	-469.8694	8.1083	52.5581	1.427	22.4995	2.9755
NE+4.35	C1	1	B242	1.4182	-466.8827	8.1083	52.5581	1.427	3.8653	0.1007
NE+4.35	C1	1	B242	1.7727	-463.896	8.1083	52.5581	1.427	-14.769	-2.774
NE+4.35	C1	1	B242	2.1273	-460.9093	8.1083	52.5581	1.427	-33.4032	-5.6488
NE+4.35	C1	1	B242	2.4818	-457.9226	8.1083	52.5581	1.427	-52.0375	-8.5236
NE+4.35	C1	1	B242	2.8364	-454.9359	8.1083	52.5581	1.427	-70.6717	-11.3984
NE+4.35	C1	1	B242	3.1909	-451.9492	8.1083	52.5581	1.427	-89.3059	-14.2731
NE+4.35	C1	1	B242	3.5455	-448.9625	8.1083	52.5581	1.427	-107.9402	-17.1479
NE+4.35	C1	1	B242	3.9	-445.9759	8.1083	52.5581	1.427	-126.5744	-20.0227
NE+3.30	C9	287	Pprop	0	-62.2936	-3.481	-3.5772	-0.0011	-2.7444	-3.7234
NE+3.30	C9	287	Pprop	0.2591	-60.3293	-3.481	-3.5772	-0.0011	-1.8176	-2.8215
NE+3.30	C9	287	Pprop	0.5182	-58.365	-3.481	-3.5772	-0.0011	-0.8908	-1.9196
NE+3.30	C9	287	Pprop	0.7773	-56.4006	-3.481	-3.5772	-0.0011	0.0361	-1.0177
NE+3.30	C9	287	Pprop	1.0364	-54.4363	-3.481	-3.5772	-0.0011	0.9629	-0.1159
NE+3.30	C9	287	Pprop	1.2955	-52.472	-3.481	-3.5772	-0.0011	1.8897	0.786
NE+3.30	C9	287	Pprop	1.5545	-50.5077	-3.481	-3.5772	-0.0011	2.8165	1.6879
NE+3.30	C9	287	Pprop	1.8136	-48.5433	-3.481	-3.5772	-0.0011	3.7433	2.5898
NE+3.30	C9	287	Pprop	2.0727	-46.579	-3.481	-3.5772	-0.0011	4.6701	3.4917
NE+3.30	C9	287	Pprop	2.3318	-44.6147	-3.481	-3.5772	-0.0011	5.597	4.3936
NE+3.30	C9	287	Pprop	2.5909	-42.6504	-3.481	-3.5772	-0.0011	6.5238	5.2955
NE+3.30	C9	287	Pprop	2.85	-40.686	-3.481	-3.5772	-0.0011	7.4506	6.1973
NE+3.30	C9	287	Viva	0	-67.2026	-6.6382	-4.5727	0.0633	-8.7797	-7.3169
NE+3.30	C9	287	Viva	0.2591	-67.2026	-6.6382	-4.5727	0.0633	-7.5949	-5.597
NE+3.30	C9	287	Viva	0.5182	-67.2026	-6.6382	-4.5727	0.0633	-6.4102	-3.877
NE+3.30	C9	287	Viva	0.7773	-67.2026	-6.6382	-4.5727	0.0633	-5.2254	-2.1571
NE+3.30	C9	287	Viva	1.0364	-67.2026	-6.6382	-4.5727	0.0633	-4.0407	-0.4372
NE+3.30	C9	287	Viva	1.2955	-67.2026	-6.6382	-4.5727	0.0633	-2.856	1.2827
NE+3.30	C9	287	Viva	1.5545	-67.2026	-6.6382	-4.5727	0.0633	-1.6712	3.0026
NE+3.30	C9	287	Viva	1.8136	-67.2026	-6.6382	-4.5727	0.0633	-0.4865	4.7225
NE+3.30	C9	287	Viva	2.0727	-67.2026	-6.6382	-4.5727	0.0633	0.6983	6.4424
NE+3.30	C9	287	Viva	2.3318	-67.2026	-6.6382	-4.5727	0.0633	1.883	8.1623
NE+3.30	C9	287	Viva	2.5909	-67.2026	-6.6382	-4.5727	0.0633	3.0677	9.8822
NE+3.30	C9	287	Viva	2.85	-67.2026	-6.6382	-4.5727	0.0633	4.2525	11.6021
NE+3.30	C9	287	Psup	0	-58.1919	-7.0469	-0.4741	-0.029	6.5674	-7.6584
NE+3.30	C9	287	Psup	0.2591	-58.1919	-7.0469	-0.4741	-0.029	6.6902	-5.8327
NE+3.30	C9	287	Psup	0.5182	-58.1919	-7.0469	-0.4741	-0.029	6.813	-4.0069

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C9	287	Psup	0.7773	-58.1919	-7.0469	-0.4741	-0.029	6.9359	-2.1811
NE+3.30	C9	287	Psup	1.0364	-58.1919	-7.0469	-0.4741	-0.029	7.0587	-0.3553
NE+3.30	C9	287	Psup	1.2955	-58.1919	-7.0469	-0.4741	-0.029	7.1816	1.4705
NE+3.30	C9	287	Psup	1.5545	-58.1919	-7.0469	-0.4741	-0.029	7.3044	3.2963
NE+3.30	C9	287	Psup	1.8136	-58.1919	-7.0469	-0.4741	-0.029	7.4273	5.1221
NE+3.30	C9	287	Psup	2.0727	-58.1919	-7.0469	-0.4741	-0.029	7.5501	6.9479
NE+3.30	C9	287	Psup	2.3318	-58.1919	-7.0469	-0.4741	-0.029	7.6729	8.7737
NE+3.30	C9	287	Psup	2.5909	-58.1919	-7.0469	-0.4741	-0.029	7.7958	10.5995
NE+3.30	C9	287	Psup	2.85	-58.1919	-7.0469	-0.4741	-0.029	7.9186	12.4253
NE+3.30	C9	287	Viva.cub	0	-0.8148	-0.0133	0.4339	0.0005	0.3497	-0.0318
NE+3.30	C9	287	Viva.cub	0.2591	-0.8148	-0.0133	0.4339	0.0005	0.2373	-0.0284
NE+3.30	C9	287	Viva.cub	0.5182	-0.8148	-0.0133	0.4339	0.0005	0.1248	-0.0249
NE+3.30	C9	287	Viva.cub	0.7773	-0.8148	-0.0133	0.4339	0.0005	0.0124	-0.0215
NE+3.30	C9	287	Viva.cub	1.0364	-0.8148	-0.0133	0.4339	0.0005	-0.1	-0.018
NE+3.30	C9	287	Viva.cub	1.2955	-0.8148	-0.0133	0.4339	0.0005	-0.2125	-0.0146
NE+3.30	C9	287	Viva.cub	1.5545	-0.8148	-0.0133	0.4339	0.0005	-0.3249	-0.0112
NE+3.30	C9	287	Viva.cub	1.8136	-0.8148	-0.0133	0.4339	0.0005	-0.4373	-0.0077
NE+3.30	C9	287	Viva.cub	2.0727	-0.8148	-0.0133	0.4339	0.0005	-0.5498	-0.0043
NE+3.30	C9	287	Viva.cub	2.3318	-0.8148	-0.0133	0.4339	0.0005	-0.6622	-0.0009
NE+3.30	C9	287	Viva.cub	2.5909	-0.8148	-0.0133	0.4339	0.0005	-0.7746	0.0026
NE+3.30	C9	287	Viva.cub	2.85	-0.8148	-0.0133	0.4339	0.0005	-0.887	0.006
NE+3.30	C9	287	DISX-COMB Max	0	222.5143	260.0187	225.9896	11.4892	545.1164	543.0285
NE+3.30	C9	287	DISX-COMB Max	0.2591	222.5143	260.0187	225.9896	11.4892	486.5665	475.6602
NE+3.30	C9	287	DISX-COMB Max	0.5182	222.5143	260.0187	225.9896	11.4892	428.0171	408.292
NE+3.30	C9	287	DISX-COMB Max	0.7773	222.5143	260.0187	225.9896	11.4892	369.4685	340.924
NE+3.30	C9	287	DISX-COMB Max	1.0364	222.5143	260.0187	225.9896	11.4892	310.9211	273.5561
NE+3.30	C9	287	DISX-COMB Max	1.2955	222.5143	260.0187	225.9896	11.4892	252.3758	206.1886
NE+3.30	C9	287	DISX-COMB Max	1.5545	222.5143	260.0187	225.9896	11.4892	193.8344	138.822
NE+3.30	C9	287	DISX-COMB Max	1.8136	222.5143	260.0187	225.9896	11.4892	135.3022	71.4591
NE+3.30	C9	287	DISX-COMB Max	2.0727	222.5143	260.0187	225.9896	11.4892	76.7997	4.2756
NE+3.30	C9	287	DISX-COMB Max	2.3318	222.5143	260.0187	225.9896	11.4892	18.6106	63.3023
NE+3.30	C9	287	DISX-COMB Max	2.5909	222.5143	260.0187	225.9896	11.4892	40.6343	130.6641
NE+3.30	C9	287	DISX-COMB Max	2.85	222.5143	260.0187	225.9896	11.4892	99.0585	198.0304
NE+3.30	C9	287	DISY-COMB Max	0	237.619	16.1061	355.6496	2.4235	850.6982	36.2152
NE+3.30	C9	287	DISY-COMB Max	0.2591	237.619	16.1061	355.6496	2.4235	758.5528	32.056
NE+3.30	C9	287	DISY-COMB Max	0.5182	237.619	16.1061	355.6496	2.4235	666.4074	27.9009
NE+3.30	C9	287	DISY-COMB Max	0.7773	237.619	16.1061	355.6496	2.4235	574.262	23.752
NE+3.30	C9	287	DISY-COMB Max	1.0364	237.619	16.1061	355.6496	2.4235	482.1167	19.6134
NE+3.30	C9	287	DISY-COMB Max	1.2955	237.619	16.1061	355.6496	2.4235	389.9716	15.4932
NE+3.30	C9	287	DISY-COMB Max	1.5545	237.619	16.1061	355.6496	2.4235	297.8267	11.4114
NE+3.30	C9	287	DISY-COMB Max	1.8136	237.619	16.1061	355.6496	2.4235	205.6824	7.4315
NE+3.30	C9	287	DISY-COMB Max	2.0727	237.619	16.1061	355.6496	2.4235	113.5404	3.8808
NE+3.30	C9	287	DISY-COMB Max	2.3318	237.619	16.1061	355.6496	2.4235	21.4285	3.118
NE+3.30	C9	287	DISY-COMB Max	2.5909	237.619	16.1061	355.6496	2.4235	70.7712	6.2618
NE+3.30	C9	287	DISY-COMB Max	2.85	237.619	16.1061	355.6496	2.4235	162.9097	10.1747

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C9	287	B241	0	-156.1849	-13.6473	-5.2517	-0.039	4.9557	-14.7542
NE+3.30	C9	287	B241	0.2591	-153.6386	-13.6473	-5.2517	-0.039	6.3164	-11.2184
NE+3.30	C9	287	B241	0.5182	-151.0922	-13.6473	-5.2517	-0.039	7.677	-7.6825
NE+3.30	C9	287	B241	0.7773	-148.5459	-13.6473	-5.2517	-0.039	9.0377	-4.1466
NE+3.30	C9	287	B241	1.0364	-145.9995	-13.6473	-5.2517	-0.039	10.3984	-0.6107
NE+3.30	C9	287	B241	1.2955	-143.4532	-13.6473	-5.2517	-0.039	11.759	2.9252
NE+3.30	C9	287	B241	1.5545	-140.9068	-13.6473	-5.2517	-0.039	13.1197	6.4611
NE+3.30	C9	287	B241	1.8136	-138.3605	-13.6473	-5.2517	-0.039	14.4804	9.9969
NE+3.30	C9	287	B241	2.0727	-135.8142	-13.6473	-5.2517	-0.039	15.8411	13.5328
NE+3.30	C9	287	B241	2.3318	-133.2678	-13.6473	-5.2517	-0.039	17.2017	17.0687
NE+3.30	C9	287	B241	2.5909	-130.7215	-13.6473	-5.2517	-0.039	18.5624	20.6046
NE+3.30	C9	287	B241	2.85	-128.1751	-13.6473	-5.2517	-0.039	19.9231	24.1405
NE+3.30	C9	287	B242	0	-241.8043	-22.3255	-11.6008	0.0681	-9.6249	-24.3694
NE+3.30	C9	287	B242	0.2591	-239.6217	-22.3255	-11.6008	0.0681	-6.6192	-18.585
NE+3.30	C9	287	B242	0.5182	-237.4391	-22.3255	-11.6008	0.0681	-3.6136	-12.8007
NE+3.30	C9	287	B242	0.7773	-235.2565	-22.3255	-11.6008	0.0681	-0.6079	-7.0164
NE+3.30	C9	287	B242	1.0364	-233.074	-22.3255	-11.6008	0.0681	2.3978	-1.2321
NE+3.30	C9	287	B242	1.2955	-230.8914	-22.3255	-11.6008	0.0681	5.4034	4.5523
NE+3.30	C9	287	B242	1.5545	-228.7088	-22.3255	-11.6008	0.0681	8.4091	10.3366
NE+3.30	C9	287	B242	1.8136	-226.5262	-22.3255	-11.6008	0.0681	11.4147	16.1209
NE+3.30	C9	287	B242	2.0727	-224.3436	-22.3255	-11.6008	0.0681	14.4204	21.9052
NE+3.30	C9	287	B242	2.3318	-222.161	-22.3255	-11.6008	0.0681	17.4261	27.6895
NE+3.30	C9	287	B242	2.5909	-219.9785	-22.3255	-11.6008	0.0681	20.4317	33.4739
NE+3.30	C9	287	B242	2.85	-217.7959	-22.3255	-11.6008	0.0681	23.4374	39.2582
NE+3.30	C10	312	Pprop	0	-104.9489	-0.0398	-7.5175	-0.0011	-6.8486	-0.0395
NE+3.30	C10	312	Pprop	0.2591	-102.9846	-0.0398	-7.5175	-0.0011	-4.9009	-0.0292
NE+3.30	C10	312	Pprop	0.5182	-101.0203	-0.0398	-7.5175	-0.0011	-2.9532	-0.0189
NE+3.30	C10	312	Pprop	0.7773	-99.0559	-0.0398	-7.5175	-0.0011	-1.0055	-0.0085
NE+3.30	C10	312	Pprop	1.0364	-97.0916	-0.0398	-7.5175	-0.0011	0.9422	0.0018
NE+3.30	C10	312	Pprop	1.2955	-95.1273	-0.0398	-7.5175	-0.0011	2.8899	0.0121
NE+3.30	C10	312	Pprop	1.5545	-93.163	-0.0398	-7.5175	-0.0011	4.8377	0.0224
NE+3.30	C10	312	Pprop	1.8136	-91.1986	-0.0398	-7.5175	-0.0011	6.7854	0.0327
NE+3.30	C10	312	Pprop	2.0727	-89.2343	-0.0398	-7.5175	-0.0011	8.7331	0.043
NE+3.30	C10	312	Pprop	2.3318	-87.27	-0.0398	-7.5175	-0.0011	10.6808	0.0533
NE+3.30	C10	312	Pprop	2.5909	-85.3057	-0.0398	-7.5175	-0.0011	12.6285	0.0637
NE+3.30	C10	312	Pprop	2.85	-83.3413	-0.0398	-7.5175	-0.0011	14.5762	0.074
NE+3.30	C10	312	Viva	0	-151.0937	-0.259	-6.5764	0.0633	-10.1803	-0.4876
NE+3.30	C10	312	Viva	0.2591	-151.0937	-0.259	-6.5764	0.0633	-8.4764	-0.4205
NE+3.30	C10	312	Viva	0.5182	-151.0937	-0.259	-6.5764	0.0633	-6.7725	-0.3534
NE+3.30	C10	312	Viva	0.7773	-151.0937	-0.259	-6.5764	0.0633	-5.0686	-0.2863
NE+3.30	C10	312	Viva	1.0364	-151.0937	-0.259	-6.5764	0.0633	-3.3647	-0.2192
NE+3.30	C10	312	Viva	1.2955	-151.0937	-0.259	-6.5764	0.0633	-1.6609	-0.1521
NE+3.30	C10	312	Viva	1.5545	-151.0937	-0.259	-6.5764	0.0633	0.043	-0.085
NE+3.30	C10	312	Viva	1.8136	-151.0937	-0.259	-6.5764	0.0633	1.7469	-0.0179
NE+3.30	C10	312	Viva	2.0727	-151.0937	-0.259	-6.5764	0.0633	3.4508	0.0492

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C10	312	Viva	2.3318	-151.0937	-0.259	-6.5764	0.0633	5.1547	0.1163
NE+3.30	C10	312	Viva	2.5909	-151.0937	-0.259	-6.5764	0.0633	6.8586	0.1834
NE+3.30	C10	312	Viva	2.85	-151.0937	-0.259	-6.5764	0.0633	8.5625	0.2505
NE+3.30	C10	312	Psup	0	-189.8609	-0.3298	-6.371	-0.029	0.1318	-0.4674
NE+3.30	C10	312	Psup	0.2591	-189.8609	-0.3298	-6.371	-0.029	1.7825	-0.382
NE+3.30	C10	312	Psup	0.5182	-189.8609	-0.3298	-6.371	-0.029	3.4332	-0.2965
NE+3.30	C10	312	Psup	0.7773	-189.8609	-0.3298	-6.371	-0.029	5.0838	-0.2111
NE+3.30	C10	312	Psup	1.0364	-189.8609	-0.3298	-6.371	-0.029	6.7345	-0.1257
NE+3.30	C10	312	Psup	1.2955	-189.8609	-0.3298	-6.371	-0.029	8.3852	-0.0402
NE+3.30	C10	312	Psup	1.5545	-189.8609	-0.3298	-6.371	-0.029	10.0358	0.0452
NE+3.30	C10	312	Psup	1.8136	-189.8609	-0.3298	-6.371	-0.029	11.6865	0.1307
NE+3.30	C10	312	Psup	2.0727	-189.8609	-0.3298	-6.371	-0.029	13.3372	0.2161
NE+3.30	C10	312	Psup	2.3318	-189.8609	-0.3298	-6.371	-0.029	14.9878	0.3015
NE+3.30	C10	312	Psup	2.5909	-189.8609	-0.3298	-6.371	-0.029	16.6385	0.387
NE+3.30	C10	312	Psup	2.85	-189.8609	-0.3298	-6.371	-0.029	18.2892	0.4724
NE+3.30	C10	312	Viva.cub	0	-0.7978	-0.0273	0.5051	0.0005	0.429	-0.0468
NE+3.30	C10	312	Viva.cub	0.2591	-0.7978	-0.0273	0.5051	0.0005	0.2981	-0.0398
NE+3.30	C10	312	Viva.cub	0.5182	-0.7978	-0.0273	0.5051	0.0005	0.1672	-0.0327
NE+3.30	C10	312	Viva.cub	0.7773	-0.7978	-0.0273	0.5051	0.0005	0.0364	-0.0256
NE+3.30	C10	312	Viva.cub	1.0364	-0.7978	-0.0273	0.5051	0.0005	-0.0945	-0.0185
NE+3.30	C10	312	Viva.cub	1.2955	-0.7978	-0.0273	0.5051	0.0005	-0.2254	-0.0115
NE+3.30	C10	312	Viva.cub	1.5545	-0.7978	-0.0273	0.5051	0.0005	-0.3562	-0.0044
NE+3.30	C10	312	Viva.cub	1.8136	-0.7978	-0.0273	0.5051	0.0005	-0.4871	0.0027
NE+3.30	C10	312	Viva.cub	2.0727	-0.7978	-0.0273	0.5051	0.0005	-0.618	0.0098
NE+3.30	C10	312	Viva.cub	2.3318	-0.7978	-0.0273	0.5051	0.0005	-0.7488	0.0169
NE+3.30	C10	312	Viva.cub	2.5909	-0.7978	-0.0273	0.5051	0.0005	-0.8797	0.0239
NE+3.30	C10	312	Viva.cub	2.85	-0.7978	-0.0273	0.5051	0.0005	-1.0106	0.031
NE+3.30	C10	312	DISX-COMB Max	0	103.8271	311.9308	142.7766	11.4892	335.6818	598.6041
NE+3.30	C10	312	DISX-COMB Max	0.2591	103.8271	311.9308	142.7766	11.4892	298.6898	517.7857
NE+3.30	C10	312	DISX-COMB Max	0.5182	103.8271	311.9308	142.7766	11.4892	261.6977	436.9673
NE+3.30	C10	312	DISX-COMB Max	0.7773	103.8271	311.9308	142.7766	11.4892	224.7056	356.1489
NE+3.30	C10	312	DISX-COMB Max	1.0364	103.8271	311.9308	142.7766	11.4892	187.7136	275.3306
NE+3.30	C10	312	DISX-COMB Max	1.2955	103.8271	311.9308	142.7766	11.4892	150.7216	194.5123
NE+3.30	C10	312	DISX-COMB Max	1.5545	103.8271	311.9308	142.7766	11.4892	113.7297	113.6943
NE+3.30	C10	312	DISX-COMB Max	1.8136	103.8271	311.9308	142.7766	11.4892	76.738	32.8782
NE+3.30	C10	312	DISX-COMB Max	2.0727	103.8271	311.9308	142.7766	11.4892	39.7472	47.9457
NE+3.30	C10	312	DISX-COMB Max	2.3318	103.8271	311.9308	142.7766	11.4892	2.7899	128.7628
NE+3.30	C10	312	DISX-COMB Max	2.5909	103.8271	311.9308	142.7766	11.4892	34.2427	209.5809
NE+3.30	C10	312	DISX-COMB Max	2.85	103.8271	311.9308	142.7766	11.4892	71.2333	290.3992
NE+3.30	C10	312	DISY-COMB Max	0	285.5585	22.7376	353.3857	2.4235	829.888	43.4099
NE+3.30	C10	312	DISY-COMB Max	0.2591	285.5585	22.7376	353.3857	2.4235	738.3292	37.5189
NE+3.30	C10	312	DISY-COMB Max	0.5182	285.5585	22.7376	353.3857	2.4235	646.7705	31.6278
NE+3.30	C10	312	DISY-COMB Max	0.7773	285.5585	22.7376	353.3857	2.4235	555.2119	25.7367
NE+3.30	C10	312	DISY-COMB Max	1.0364	285.5585	22.7376	353.3857	2.4235	463.6534	19.8457
NE+3.30	C10	312	DISY-COMB Max	1.2955	285.5585	22.7376	353.3857	2.4235	372.0952	13.9547

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C10	312	DISY-COMB Max	1.5545	285.5585	22.7376	353.3857	2.4235	280.5376	8.0639
NE+3.30	C10	312	DISY-COMB Max	1.8136	285.5585	22.7376	353.3857	2.4235	188.9812	2.1744
NE+3.30	C10	312	DISY-COMB Max	2.0727	285.5585	22.7376	353.3857	2.4235	97.43	3.7202
NE+3.30	C10	312	DISY-COMB Max	2.3318	285.5585	22.7376	353.3857	2.4235	6.1159	9.6105
NE+3.30	C10	312	DISY-COMB Max	2.5909	285.5585	22.7376	353.3857	2.4235	85.7223	15.5014
NE+3.30	C10	312	DISY-COMB Max	2.85	285.5585	22.7376	353.3857	2.4235	177.2719	21.3924
NE+3.30	C10	312	B241	0	-382.1608	-0.4791	-18.0036	-0.039	-8.7069	-0.6571
NE+3.30	C10	312	B241	0.2591	-379.6145	-0.4791	-18.0036	-0.039	-4.0424	-0.533
NE+3.30	C10	312	B241	0.5182	-377.0681	-0.4791	-18.0036	-0.039	0.6222	-0.4089
NE+3.30	C10	312	B241	0.7773	-374.5218	-0.4791	-18.0036	-0.039	5.2868	-0.2847
NE+3.30	C10	312	B241	1.0364	-371.9754	-0.4791	-18.0036	-0.039	9.9513	-0.1606
NE+3.30	C10	312	B241	1.2955	-369.4291	-0.4791	-18.0036	-0.039	14.6159	-0.0365
NE+3.30	C10	312	B241	1.5545	-366.8827	-0.4791	-18.0036	-0.039	19.2804	0.0877
NE+3.30	C10	312	B241	1.8136	-364.3364	-0.4791	-18.0036	-0.039	23.945	0.2118
NE+3.30	C10	312	B241	2.0727	-361.79	-0.4791	-18.0036	-0.039	28.6096	0.3359
NE+3.30	C10	312	B241	2.3318	-359.2437	-0.4791	-18.0036	-0.039	33.2741	0.46
NE+3.30	C10	312	B241	2.5909	-356.6974	-0.4791	-18.0036	-0.039	37.9387	0.5842
NE+3.30	C10	312	B241	2.85	-354.151	-0.4791	-18.0036	-0.039	42.6033	0.7083
NE+3.30	C10	312	B242	0	-569.7152	-0.8387	-25.7013	0.0681	-23.5371	-1.3668
NE+3.30	C10	312	B242	0.2591	-567.5327	-0.8387	-25.7013	0.0681	-16.8781	-1.1495
NE+3.30	C10	312	B242	0.5182	-565.3501	-0.8387	-25.7013	0.0681	-10.2191	-0.9322
NE+3.30	C10	312	B242	0.7773	-563.1675	-0.8387	-25.7013	0.0681	-3.5601	-0.7149
NE+3.30	C10	312	B242	1.0364	-560.9849	-0.8387	-25.7013	0.0681	3.0989	-0.4976
NE+3.30	C10	312	B242	1.2955	-558.8023	-0.8387	-25.7013	0.0681	9.7578	-0.2803
NE+3.30	C10	312	B242	1.5545	-556.6198	-0.8387	-25.7013	0.0681	16.4168	-0.063
NE+3.30	C10	312	B242	1.8136	-554.4372	-0.8387	-25.7013	0.0681	23.0758	0.1543
NE+3.30	C10	312	B242	2.0727	-552.2546	-0.8387	-25.7013	0.0681	29.7348	0.3716
NE+3.30	C10	312	B242	2.3318	-550.072	-0.8387	-25.7013	0.0681	36.3938	0.5888
NE+3.30	C10	312	B242	2.5909	-547.8894	-0.8387	-25.7013	0.0681	43.0528	0.8061
NE+3.30	C10	312	B242	2.85	-545.7068	-0.8387	-25.7013	0.0681	49.7117	1.0234
NE+3.30	C11	317	Pprop	0	-100.4881	0.0686	-7.3601	-0.0011	-6.6975	0.0766
NE+3.30	C11	317	Pprop	0.2591	-98.5238	0.0686	-7.3601	-0.0011	-4.7905	0.0588
NE+3.30	C11	317	Pprop	0.5182	-96.5594	0.0686	-7.3601	-0.0011	-2.8836	0.041
NE+3.30	C11	317	Pprop	0.7773	-94.5951	0.0686	-7.3601	-0.0011	-0.9766	0.0233
NE+3.30	C11	317	Pprop	1.0364	-92.6308	0.0686	-7.3601	-0.0011	0.9303	0.0055
NE+3.30	C11	317	Pprop	1.2955	-90.6665	0.0686	-7.3601	-0.0011	2.8373	-0.0123
NE+3.30	C11	317	Pprop	1.5545	-88.7021	0.0686	-7.3601	-0.0011	4.7442	-0.0301
NE+3.30	C11	317	Pprop	1.8136	-86.7378	0.0686	-7.3601	-0.0011	6.6512	-0.0479
NE+3.30	C11	317	Pprop	2.0727	-84.7735	0.0686	-7.3601	-0.0011	8.5581	-0.0656
NE+3.30	C11	317	Pprop	2.3318	-82.8092	0.0686	-7.3601	-0.0011	10.465	-0.0834
NE+3.30	C11	317	Pprop	2.5909	-80.8448	0.0686	-7.3601	-0.0011	12.372	-0.1012
NE+3.30	C11	317	Pprop	2.85	-78.8805	0.0686	-7.3601	-0.0011	14.2789	-0.119
NE+3.30	C11	317	Viva	0	-142.1732	-0.1037	-6.0084	0.0633	-8.8975	-0.3214
NE+3.30	C11	317	Viva	0.2591	-142.1732	-0.1037	-6.0084	0.0633	-7.3408	-0.2945
NE+3.30	C11	317	Viva	0.5182	-142.1732	-0.1037	-6.0084	0.0633	-5.784	-0.2676

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C11	317	Viva	0.7773	-142.1732	-0.1037	-6.0084	0.0633	-4.2273	-0.2408
NE+3.30	C11	317	Viva	1.0364	-142.1732	-0.1037	-6.0084	0.0633	-2.6706	-0.2139
NE+3.30	C11	317	Viva	1.2955	-142.1732	-0.1037	-6.0084	0.0633	-1.1139	-0.187
NE+3.30	C11	317	Viva	1.5545	-142.1732	-0.1037	-6.0084	0.0633	0.4429	-0.1601
NE+3.30	C11	317	Viva	1.8136	-142.1732	-0.1037	-6.0084	0.0633	1.9996	-0.1332
NE+3.30	C11	317	Viva	2.0727	-142.1732	-0.1037	-6.0084	0.0633	3.5563	-0.1064
NE+3.30	C11	317	Viva	2.3318	-142.1732	-0.1037	-6.0084	0.0633	5.113	-0.0795
NE+3.30	C11	317	Viva	2.5909	-142.1732	-0.1037	-6.0084	0.0633	6.6697	-0.0526
NE+3.30	C11	317	Viva	2.85	-142.1732	-0.1037	-6.0084	0.0633	8.2265	-0.0257
NE+3.30	C11	317	Psup	0	-173.0192	0.0976	-6.1907	-0.029	0.0019	-0.0099
NE+3.30	C11	317	Psup	0.2591	-173.0192	0.0976	-6.1907	-0.029	1.6059	-0.0352
NE+3.30	C11	317	Psup	0.5182	-173.0192	0.0976	-6.1907	-0.029	3.2098	-0.0605
NE+3.30	C11	317	Psup	0.7773	-173.0192	0.0976	-6.1907	-0.029	4.8138	-0.0858
NE+3.30	C11	317	Psup	1.0364	-173.0192	0.0976	-6.1907	-0.029	6.4178	-0.1111
NE+3.30	C11	317	Psup	1.2955	-173.0192	0.0976	-6.1907	-0.029	8.0217	-0.1363
NE+3.30	C11	317	Psup	1.5545	-173.0192	0.0976	-6.1907	-0.029	9.6257	-0.1616
NE+3.30	C11	317	Psup	1.8136	-173.0192	0.0976	-6.1907	-0.029	11.2296	-0.1869
NE+3.30	C11	317	Psup	2.0727	-173.0192	0.0976	-6.1907	-0.029	12.8336	-0.2122
NE+3.30	C11	317	Psup	2.3318	-173.0192	0.0976	-6.1907	-0.029	14.4376	-0.2375
NE+3.30	C11	317	Psup	2.5909	-173.0192	0.0976	-6.1907	-0.029	16.0415	-0.2627
NE+3.30	C11	317	Psup	2.85	-173.0192	0.0976	-6.1907	-0.029	17.6455	-0.288
NE+3.30	C11	317	Viva.cub	0	-0.8545	-0.0218	0.4915	0.0005	0.4203	-0.0409
NE+3.30	C11	317	Viva.cub	0.2591	-0.8545	-0.0218	0.4915	0.0005	0.2929	-0.0353
NE+3.30	C11	317	Viva.cub	0.5182	-0.8545	-0.0218	0.4915	0.0005	0.1656	-0.0296
NE+3.30	C11	317	Viva.cub	0.7773	-0.8545	-0.0218	0.4915	0.0005	0.0383	-0.024
NE+3.30	C11	317	Viva.cub	1.0364	-0.8545	-0.0218	0.4915	0.0005	-0.0891	-0.0183
NE+3.30	C11	317	Viva.cub	1.2955	-0.8545	-0.0218	0.4915	0.0005	-0.2164	-0.0127
NE+3.30	C11	317	Viva.cub	1.5545	-0.8545	-0.0218	0.4915	0.0005	-0.3438	-0.0071
NE+3.30	C11	317	Viva.cub	1.8136	-0.8545	-0.0218	0.4915	0.0005	-0.4711	-0.0014
NE+3.30	C11	317	Viva.cub	2.0727	-0.8545	-0.0218	0.4915	0.0005	-0.5984	0.0042
NE+3.30	C11	317	Viva.cub	2.3318	-0.8545	-0.0218	0.4915	0.0005	-0.7258	0.0099
NE+3.30	C11	317	Viva.cub	2.5909	-0.8545	-0.0218	0.4915	0.0005	-0.8531	0.0155
NE+3.30	C11	317	Viva.cub	2.85	-0.8545	-0.0218	0.4915	0.0005	-0.9805	0.0211
NE+3.30	C11	317	DISX-COMB Max	0	36.9718	310.2066	48.7693	11.4892	114.842	596.7583
NE+3.30	C11	317	DISX-COMB Max	0.2591	36.9718	310.2066	48.7693	11.4892	102.2065	516.3866
NE+3.30	C11	317	DISX-COMB Max	0.5182	36.9718	310.2066	48.7693	11.4892	89.571	436.015
NE+3.30	C11	317	DISX-COMB Max	0.7773	36.9718	310.2066	48.7693	11.4892	76.9355	355.6433
NE+3.30	C11	317	DISX-COMB Max	1.0364	36.9718	310.2066	48.7693	11.4892	64.3001	275.2717
NE+3.30	C11	317	DISX-COMB Max	1.2955	36.9718	310.2066	48.7693	11.4892	51.6649	194.9001
NE+3.30	C11	317	DISX-COMB Max	1.5545	36.9718	310.2066	48.7693	11.4892	39.03	114.5287
NE+3.30	C11	317	DISX-COMB Max	1.8136	36.9718	310.2066	48.7693	11.4892	26.3959	34.1588
NE+3.30	C11	317	DISX-COMB Max	2.0727	36.9718	310.2066	48.7693	11.4892	13.7646	46.2174
NE+3.30	C11	317	DISX-COMB Max	2.3318	36.9718	310.2066	48.7693	11.4892	1.227	126.5879
NE+3.30	C11	317	DISX-COMB Max	2.5909	36.9718	310.2066	48.7693	11.4892	11.5268	206.9593
NE+3.30	C11	317	DISX-COMB Max	2.85	36.9718	310.2066	48.7693	11.4892	24.1568	287.3309

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C11	317	DISY-COMB Max	0	256.2163	22.5003	341.8631	2.4235	799.9054	43.156
NE+3.30	C11	317	DISY-COMB Max	0.2591	256.2163	22.5003	341.8631	2.4235	711.3318	37.3264
NE+3.30	C11	317	DISY-COMB Max	0.5182	256.2163	22.5003	341.8631	2.4235	622.7583	31.4968
NE+3.30	C11	317	DISY-COMB Max	0.7773	256.2163	22.5003	341.8631	2.4235	534.1847	25.6672
NE+3.30	C11	317	DISY-COMB Max	1.0364	256.2163	22.5003	341.8631	2.4235	445.6112	19.8376
NE+3.30	C11	317	DISY-COMB Max	1.2955	256.2163	22.5003	341.8631	2.4235	357.0378	14.008
NE+3.30	C11	317	DISY-COMB Max	1.5545	256.2163	22.5003	341.8631	2.4235	268.4644	8.1786
NE+3.30	C11	317	DISY-COMB Max	1.8136	256.2163	22.5003	341.8631	2.4235	179.8914	2.3501
NE+3.30	C11	317	DISY-COMB Max	2.0727	256.2163	22.5003	341.8631	2.4235	91.3194	3.4822
NE+3.30	C11	317	DISY-COMB Max	2.3318	256.2163	22.5003	341.8631	2.4235	2.8529	9.3112
NE+3.30	C11	317	DISY-COMB Max	2.5909	256.2163	22.5003	341.8631	2.4235	85.8348	15.1407
NE+3.30	C11	317	DISY-COMB Max	2.85	256.2163	22.5003	341.8631	2.4235	174.4066	20.9702
NE+3.30	C11	317	B241	0	-354.5465	0.2154	-17.5659	-0.039	-8.6794	0.0864
NE+3.30	C11	317	B241	0.2591	-352.0002	0.2154	-17.5659	-0.039	-4.1282	0.0306
NE+3.30	C11	317	B241	0.5182	-349.4538	0.2154	-17.5659	-0.039	0.423	-0.0252
NE+3.30	C11	317	B241	0.7773	-346.9075	0.2154	-17.5659	-0.039	4.9741	-0.081
NE+3.30	C11	317	B241	1.0364	-344.3611	0.2154	-17.5659	-0.039	9.5253	-0.1369
NE+3.30	C11	317	B241	1.2955	-341.8148	0.2154	-17.5659	-0.039	14.0765	-0.1927
NE+3.30	C11	317	B241	1.5545	-339.2684	0.2154	-17.5659	-0.039	18.6276	-0.2485
NE+3.30	C11	317	B241	1.8136	-336.7221	0.2154	-17.5659	-0.039	23.1788	-0.3043
NE+3.30	C11	317	B241	2.0727	-334.1757	0.2154	-17.5659	-0.039	27.73	-0.3601
NE+3.30	C11	317	B241	2.3318	-331.6294	0.2154	-17.5659	-0.039	32.2812	-0.4159
NE+3.30	C11	317	B241	2.5909	-329.0831	0.2154	-17.5659	-0.039	36.8323	-0.4718
NE+3.30	C11	317	B241	2.85	-326.5367	0.2154	-17.5659	-0.039	41.3835	-0.5276
NE+3.30	C11	317	B242	0	-531.8013	0.0078	-24.4242	0.0681	-21.4653	-0.4606
NE+3.30	C11	317	B242	0.2591	-529.6188	0.0078	-24.4242	0.0681	-15.1372	-0.4626
NE+3.30	C11	317	B242	0.5182	-527.4362	0.0078	-24.4242	0.0681	-8.8091	-0.4647
NE+3.30	C11	317	B242	0.7773	-525.2536	0.0078	-24.4242	0.0681	-2.481	-0.4667
NE+3.30	C11	317	B242	1.0364	-523.071	0.0078	-24.4242	0.0681	3.8471	-0.4687
NE+3.30	C11	317	B242	1.2955	-520.8884	0.0078	-24.4242	0.0681	10.1751	-0.4707
NE+3.30	C11	317	B242	1.5545	-518.7058	0.0078	-24.4242	0.0681	16.5032	-0.4727
NE+3.30	C11	317	B242	1.8136	-516.5233	0.0078	-24.4242	0.0681	22.8313	-0.4747
NE+3.30	C11	317	B242	2.0727	-514.3407	0.0078	-24.4242	0.0681	29.1594	-0.4767
NE+3.30	C11	317	B242	2.3318	-512.1581	0.0078	-24.4242	0.0681	35.4875	-0.4787
NE+3.30	C11	317	B242	2.5909	-509.9755	0.0078	-24.4242	0.0681	41.8156	-0.4808
NE+3.30	C11	317	B242	2.85	-507.7929	0.0078	-24.4242	0.0681	48.1437	-0.4828
NE+3.30	C28	342	Pprop	0	-94.7416	0.1344	-7.0395	-0.0011	-6.3763	0.147
NE+3.30	C28	342	Pprop	0.2591	-92.7773	0.1344	-7.0395	-0.0011	-4.5525	0.1122
NE+3.30	C28	342	Pprop	0.5182	-90.813	0.1344	-7.0395	-0.0011	-2.7286	0.0774
NE+3.30	C28	342	Pprop	0.7773	-88.8487	0.1344	-7.0395	-0.0011	-0.9047	0.0425
NE+3.30	C28	342	Pprop	1.0364	-86.8843	0.1344	-7.0395	-0.0011	0.9191	0.0077
NE+3.30	C28	342	Pprop	1.2955	-84.92	0.1344	-7.0395	-0.0011	2.743	-0.0271
NE+3.30	C28	342	Pprop	1.5545	-82.9557	0.1344	-7.0395	-0.0011	4.5669	-0.0619
NE+3.30	C28	342	Pprop	1.8136	-80.9914	0.1344	-7.0395	-0.0011	6.3908	-0.0967
NE+3.30	C28	342	Pprop	2.0727	-79.027	0.1344	-7.0395	-0.0011	8.2146	-0.1315

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C28	342	Pprop	2.3318	-77.0627	0.1344	-7.0395	-0.0011	10.0385	-0.1664
NE+3.30	C28	342	Pprop	2.5909	-75.0984	0.1344	-7.0395	-0.0011	11.8624	-0.2012
NE+3.30	C28	342	Pprop	2.85	-73.1341	0.1344	-7.0395	-0.0011	13.6862	-0.236
NE+3.30	C28	342	Viva	0	-125.4122	0.1449	-5.5528	0.0633	-7.7532	-0.0552
NE+3.30	C28	342	Viva	0.2591	-125.4122	0.1449	-5.5528	0.0633	-6.3145	-0.0928
NE+3.30	C28	342	Viva	0.5182	-125.4122	0.1449	-5.5528	0.0633	-4.8759	-0.1303
NE+3.30	C28	342	Viva	0.7773	-125.4122	0.1449	-5.5528	0.0633	-3.4372	-0.1678
NE+3.30	C28	342	Viva	1.0364	-125.4122	0.1449	-5.5528	0.0633	-1.9985	-0.2054
NE+3.30	C28	342	Viva	1.2955	-125.4122	0.1449	-5.5528	0.0633	-0.5598	-0.2429
NE+3.30	C28	342	Viva	1.5545	-125.4122	0.1449	-5.5528	0.0633	0.8789	-0.2805
NE+3.30	C28	342	Viva	1.8136	-125.4122	0.1449	-5.5528	0.0633	2.3175	-0.318
NE+3.30	C28	342	Viva	2.0727	-125.4122	0.1449	-5.5528	0.0633	3.7562	-0.3555
NE+3.30	C28	342	Viva	2.3318	-125.4122	0.1449	-5.5528	0.0633	5.1949	-0.3931
NE+3.30	C28	342	Viva	2.5909	-125.4122	0.1449	-5.5528	0.0633	6.6336	-0.4306
NE+3.30	C28	342	Viva	2.85	-125.4122	0.1449	-5.5528	0.0633	8.0723	-0.4682
NE+3.30	C28	342	Psup	0	-153.1584	0.2355	-5.6775	-0.029	0.2278	0.1377
NE+3.30	C28	342	Psup	0.2591	-153.1584	0.2355	-5.6775	-0.029	1.6988	0.0767
NE+3.30	C28	342	Psup	0.5182	-153.1584	0.2355	-5.6775	-0.029	3.1698	0.0157
NE+3.30	C28	342	Psup	0.7773	-153.1584	0.2355	-5.6775	-0.029	4.6407	-0.0453
NE+3.30	C28	342	Psup	1.0364	-153.1584	0.2355	-5.6775	-0.029	6.1117	-0.1063
NE+3.30	C28	342	Psup	1.2955	-153.1584	0.2355	-5.6775	-0.029	7.5827	-0.1674
NE+3.30	C28	342	Psup	1.5545	-153.1584	0.2355	-5.6775	-0.029	9.0537	-0.2284
NE+3.30	C28	342	Psup	1.8136	-153.1584	0.2355	-5.6775	-0.029	10.5247	-0.2894
NE+3.30	C28	342	Psup	2.0727	-153.1584	0.2355	-5.6775	-0.029	11.9957	-0.3504
NE+3.30	C28	342	Psup	2.3318	-153.1584	0.2355	-5.6775	-0.029	13.4667	-0.4114
NE+3.30	C28	342	Psup	2.5909	-153.1584	0.2355	-5.6775	-0.029	14.9377	-0.4724
NE+3.30	C28	342	Psup	2.85	-153.1584	0.2355	-5.6775	-0.029	16.4087	-0.5334
NE+3.30	C28	342	Viva.cub	0	-0.7955	-0.0211	0.5004	0.0005	0.4348	-0.0402
NE+3.30	C28	342	Viva.cub	0.2591	-0.7955	-0.0211	0.5004	0.0005	0.3051	-0.0347
NE+3.30	C28	342	Viva.cub	0.5182	-0.7955	-0.0211	0.5004	0.0005	0.1755	-0.0293
NE+3.30	C28	342	Viva.cub	0.7773	-0.7955	-0.0211	0.5004	0.0005	0.0459	-0.0238
NE+3.30	C28	342	Viva.cub	1.0364	-0.7955	-0.0211	0.5004	0.0005	-0.0838	-0.0183
NE+3.30	C28	342	Viva.cub	1.2955	-0.7955	-0.0211	0.5004	0.0005	-0.2134	-0.0128
NE+3.30	C28	342	Viva.cub	1.5545	-0.7955	-0.0211	0.5004	0.0005	-0.343	-0.0074
NE+3.30	C28	342	Viva.cub	1.8136	-0.7955	-0.0211	0.5004	0.0005	-0.4727	-0.0019
NE+3.30	C28	342	Viva.cub	2.0727	-0.7955	-0.0211	0.5004	0.0005	-0.6023	0.0036
NE+3.30	C28	342	Viva.cub	2.3318	-0.7955	-0.0211	0.5004	0.0005	-0.732	0.0091
NE+3.30	C28	342	Viva.cub	2.5909	-0.7955	-0.0211	0.5004	0.0005	-0.8616	0.0145
NE+3.30	C28	342	Viva.cub	2.85	-0.7955	-0.0211	0.5004	0.0005	-0.9912	0.02
NE+3.30	C28	342	DISX-COMB Max	0	30.9801	311.1749	50.7355	11.4892	118.1589	597.7948
NE+3.30	C28	342	DISX-COMB Max	0.2591	30.9801	311.1749	50.7355	11.4892	105.0138	517.1722
NE+3.30	C28	342	DISX-COMB Max	0.5182	30.9801	311.1749	50.7355	11.4892	91.8687	436.5497
NE+3.30	C28	342	DISX-COMB Max	0.7773	30.9801	311.1749	50.7355	11.4892	78.7236	355.9272
NE+3.30	C28	342	DISX-COMB Max	1.0364	30.9801	311.1749	50.7355	11.4892	65.5785	275.3048
NE+3.30	C28	342	DISX-COMB Max	1.2955	30.9801	311.1749	50.7355	11.4892	52.4334	194.6824

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C28	342	DISX-COMB Max	1.5545	30.9801	311.1749	50.7355	11.4892	39.2883	114.0603
NE+3.30	C28	342	DISX-COMB Max	1.8136	30.9801	311.1749	50.7355	11.4892	26.1432	33.4408
NE+3.30	C28	342	DISX-COMB Max	2.0727	30.9801	311.1749	50.7355	11.4892	12.9981	47.1892
NE+3.30	C28	342	DISX-COMB Max	2.3318	30.9801	311.1749	50.7355	11.4892	0.1508	127.8098
NE+3.30	C28	342	DISX-COMB Max	2.5909	30.9801	311.1749	50.7355	11.4892	13.2922	208.4319
NE+3.30	C28	342	DISX-COMB Max	2.85	30.9801	311.1749	50.7355	11.4892	26.4373	289.0543
NE+3.30	C28	342	DISY-COMB Max	0	247.5743	22.0602	331.5691	2.4235	772.6114	42.681
NE+3.30	C28	342	DISY-COMB Max	0.2591	247.5743	22.0602	331.5691	2.4235	686.7049	36.9659
NE+3.30	C28	342	DISY-COMB Max	0.5182	247.5743	22.0602	331.5691	2.4235	600.7984	31.251
NE+3.30	C28	342	DISY-COMB Max	0.7773	247.5743	22.0602	331.5691	2.4235	514.8918	25.5364
NE+3.30	C28	342	DISY-COMB Max	1.0364	247.5743	22.0602	331.5691	2.4235	428.9853	19.8223
NE+3.30	C28	342	DISY-COMB Max	1.2955	247.5743	22.0602	331.5691	2.4235	343.0789	14.1094
NE+3.30	C28	342	DISY-COMB Max	1.5545	247.5743	22.0602	331.5691	2.4235	257.1724	8.4003
NE+3.30	C28	342	DISY-COMB Max	1.8136	247.5743	22.0602	331.5691	2.4235	171.266	2.7185
NE+3.30	C28	342	DISY-COMB Max	2.0727	247.5743	22.0602	331.5691	2.4235	85.3599	3.0905
NE+3.30	C28	342	DISY-COMB Max	2.3318	247.5743	22.0602	331.5691	2.4235	0.6766	8.7777
NE+3.30	C28	342	DISY-COMB Max	2.5909	247.5743	22.0602	331.5691	2.4235	86.455	14.4873
NE+3.30	C28	342	DISY-COMB Max	2.85	247.5743	22.0602	331.5691	2.4235	172.3611	20.2003
NE+3.30	C28	342	B241	0	-321.3519	0.4794	-16.485	-0.039	-7.9704	0.369
NE+3.30	C28	342	B241	0.2591	-318.8055	0.4794	-16.485	-0.039	-3.6993	0.2448
NE+3.30	C28	342	B241	0.5182	-316.2592	0.4794	-16.485	-0.039	0.5719	0.1206
NE+3.30	C28	342	B241	0.7773	-313.7128	0.4794	-16.485	-0.039	4.843	-0.0036
NE+3.30	C28	342	B241	1.0364	-311.1665	0.4794	-16.485	-0.039	9.1141	-0.1278
NE+3.30	C28	342	B241	1.2955	-308.6201	0.4794	-16.485	-0.039	13.3852	-0.2521
NE+3.30	C28	342	B241	1.5545	-306.0738	0.4794	-16.485	-0.039	17.6564	-0.3763
NE+3.30	C28	342	B241	1.8136	-303.5274	0.4794	-16.485	-0.039	21.9275	-0.5005
NE+3.30	C28	342	B241	2.0727	-300.9811	0.4794	-16.485	-0.039	26.1986	-0.6247
NE+3.30	C28	342	B241	2.3318	-298.4348	0.4794	-16.485	-0.039	30.4697	-0.7489
NE+3.30	C28	342	B241	2.5909	-295.8884	0.4794	-16.485	-0.039	34.7409	-0.8732
NE+3.30	C28	342	B241	2.85	-293.3421	0.4794	-16.485	-0.039	39.012	-0.9974
NE+3.30	C28	342	B242	0	-476.5017	0.6322	-22.7643	0.0681	-19.0195	0.2079
NE+3.30	C28	342	B242	0.2591	-474.3192	0.6322	-22.7643	0.0681	-13.1215	0.0441
NE+3.30	C28	342	B242	0.5182	-472.1366	0.6322	-22.7643	0.0681	-7.2235	-0.1197
NE+3.30	C28	342	B242	0.7773	-469.954	0.6322	-22.7643	0.0681	-1.3254	-0.2835
NE+3.30	C28	342	B242	1.0364	-467.7714	0.6322	-22.7643	0.0681	4.5726	-0.4473
NE+3.30	C28	342	B242	1.2955	-465.5888	0.6322	-22.7643	0.0681	10.4707	-0.6111
NE+3.30	C28	342	B242	1.5545	-463.4063	0.6322	-22.7643	0.0681	16.3687	-0.7749
NE+3.30	C28	342	B242	1.8136	-461.2237	0.6322	-22.7643	0.0681	22.2667	-0.9387
NE+3.30	C28	342	B242	2.0727	-459.0411	0.6322	-22.7643	0.0681	28.1648	-1.1025
NE+3.30	C28	342	B242	2.3318	-456.8585	0.6322	-22.7643	0.0681	34.0628	-1.2663
NE+3.30	C28	342	B242	2.5909	-454.6759	0.6322	-22.7643	0.0681	39.9608	-1.4301
NE+3.30	C28	342	B242	2.85	-452.4933	0.6322	-22.7643	0.0681	45.8589	-1.5939
NE+3.30	C29	347	Pprop	0	-97.909	-0.4099	-6.747	-0.0011	-6.0826	-0.4356
NE+3.30	C29	347	Pprop	0.2591	-95.9447	-0.4099	-6.747	-0.0011	-4.3345	-0.3295
NE+3.30	C29	347	Pprop	0.5182	-93.9803	-0.4099	-6.747	-0.0011	-2.5865	-0.2233

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C29	347	Pprop	0.7773	-92.016	-0.4099	-6.747	-0.0011	-0.8384	-0.1171
NE+3.30	C29	347	Pprop	1.0364	-90.0517	-0.4099	-6.747	-0.0011	0.9097	-0.0109
NE+3.30	C29	347	Pprop	1.2955	-88.0874	-0.4099	-6.747	-0.0011	2.6578	0.0953
NE+3.30	C29	347	Pprop	1.5545	-86.1231	-0.4099	-6.747	-0.0011	4.4059	0.2015
NE+3.30	C29	347	Pprop	1.8136	-84.1587	-0.4099	-6.747	-0.0011	6.154	0.3077
NE+3.30	C29	347	Pprop	2.0727	-82.1944	-0.4099	-6.747	-0.0011	7.902	0.4139
NE+3.30	C29	347	Pprop	2.3318	-80.2301	-0.4099	-6.747	-0.0011	9.6501	0.5201
NE+3.30	C29	347	Pprop	2.5909	-78.2658	-0.4099	-6.747	-0.0011	11.3982	0.6263
NE+3.30	C29	347	Pprop	2.85	-76.3014	-0.4099	-6.747	-0.0011	13.1463	0.7325
NE+3.30	C29	347	Viva	0	-127.9212	-1.1091	-5.9214	0.0633	-7.5665	-1.3977
NE+3.30	C29	347	Viva	0.2591	-127.9212	-1.1091	-5.9214	0.0633	-6.0323	-1.1103
NE+3.30	C29	347	Viva	0.5182	-127.9212	-1.1091	-5.9214	0.0633	-4.4981	-0.823
NE+3.30	C29	347	Viva	0.7773	-127.9212	-1.1091	-5.9214	0.0633	-2.9639	-0.5356
NE+3.30	C29	347	Viva	1.0364	-127.9212	-1.1091	-5.9214	0.0633	-1.4297	-0.2482
NE+3.30	C29	347	Viva	1.2955	-127.9212	-1.1091	-5.9214	0.0633	0.1045	0.0391
NE+3.30	C29	347	Viva	1.5545	-127.9212	-1.1091	-5.9214	0.0633	1.6387	0.3265
NE+3.30	C29	347	Viva	1.8136	-127.9212	-1.1091	-5.9214	0.0633	3.1729	0.6139
NE+3.30	C29	347	Viva	2.0727	-127.9212	-1.1091	-5.9214	0.0633	4.707	0.9012
NE+3.30	C29	347	Viva	2.3318	-127.9212	-1.1091	-5.9214	0.0633	6.2412	1.1886
NE+3.30	C29	347	Viva	2.5909	-127.9212	-1.1091	-5.9214	0.0633	7.7754	1.476
NE+3.30	C29	347	Viva	2.85	-127.9212	-1.1091	-5.9214	0.0633	9.3096	1.7633
NE+3.30	C29	347	Psup	0	-154.2335	-0.8181	-6.2585	-0.029	-0.6363	-0.9902
NE+3.30	C29	347	Psup	0.2591	-154.2335	-0.8181	-6.2585	-0.029	0.9853	-0.7782
NE+3.30	C29	347	Psup	0.5182	-154.2335	-0.8181	-6.2585	-0.029	2.6068	-0.5663
NE+3.30	C29	347	Psup	0.7773	-154.2335	-0.8181	-6.2585	-0.029	4.2283	-0.3543
NE+3.30	C29	347	Psup	1.0364	-154.2335	-0.8181	-6.2585	-0.029	5.8498	-0.1424
NE+3.30	C29	347	Psup	1.2955	-154.2335	-0.8181	-6.2585	-0.029	7.4713	0.0696
NE+3.30	C29	347	Psup	1.5545	-154.2335	-0.8181	-6.2585	-0.029	9.0928	0.2816
NE+3.30	C29	347	Psup	1.8136	-154.2335	-0.8181	-6.2585	-0.029	10.7143	0.4935
NE+3.30	C29	347	Psup	2.0727	-154.2335	-0.8181	-6.2585	-0.029	12.3358	0.7055
NE+3.30	C29	347	Psup	2.3318	-154.2335	-0.8181	-6.2585	-0.029	13.9574	0.9174
NE+3.30	C29	347	Psup	2.5909	-154.2335	-0.8181	-6.2585	-0.029	15.5789	1.1294
NE+3.30	C29	347	Psup	2.85	-154.2335	-0.8181	-6.2585	-0.029	17.2004	1.3414
NE+3.30	C29	347	Viva.cub	0	-0.9142	-0.0338	0.5179	0.0005	0.4575	-0.0537
NE+3.30	C29	347	Viva.cub	0.2591	-0.9142	-0.0338	0.5179	0.0005	0.3233	-0.045
NE+3.30	C29	347	Viva.cub	0.5182	-0.9142	-0.0338	0.5179	0.0005	0.1891	-0.0362
NE+3.30	C29	347	Viva.cub	0.7773	-0.9142	-0.0338	0.5179	0.0005	0.055	-0.0275
NE+3.30	C29	347	Viva.cub	1.0364	-0.9142	-0.0338	0.5179	0.0005	-0.0792	-0.0188
NE+3.30	C29	347	Viva.cub	1.2955	-0.9142	-0.0338	0.5179	0.0005	-0.2134	-0.01
NE+3.30	C29	347	Viva.cub	1.5545	-0.9142	-0.0338	0.5179	0.0005	-0.3476	-0.0013
NE+3.30	C29	347	Viva.cub	1.8136	-0.9142	-0.0338	0.5179	0.0005	-0.4818	0.0075
NE+3.30	C29	347	Viva.cub	2.0727	-0.9142	-0.0338	0.5179	0.0005	-0.616	0.0162
NE+3.30	C29	347	Viva.cub	2.3318	-0.9142	-0.0338	0.5179	0.0005	-0.7502	0.025
NE+3.30	C29	347	Viva.cub	2.5909	-0.9142	-0.0338	0.5179	0.0005	-0.8844	0.0337
NE+3.30	C29	347	Viva.cub	2.85	-0.9142	-0.0338	0.5179	0.0005	-1.0186	0.0425

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C29	347	DISX-COMB Max	0	100.6994	312.7875	130.3181	11.4892	301.8705	599.5209
NE+3.30	C29	347	DISX-COMB Max	0.2591	100.6994	312.7875	130.3181	11.4892	268.1063	518.4806
NE+3.30	C29	347	DISX-COMB Max	0.5182	100.6994	312.7875	130.3181	11.4892	234.3421	437.4403
NE+3.30	C29	347	DISX-COMB Max	0.7773	100.6994	312.7875	130.3181	11.4892	200.5779	356.4
NE+3.30	C29	347	DISX-COMB Max	1.0364	100.6994	312.7875	130.3181	11.4892	166.8137	275.3599
NE+3.30	C29	347	DISX-COMB Max	1.2955	100.6994	312.7875	130.3181	11.4892	133.0496	194.3199
NE+3.30	C29	347	DISX-COMB Max	1.5545	100.6994	312.7875	130.3181	11.4892	99.2855	113.2804
NE+3.30	C29	347	DISX-COMB Max	1.8136	100.6994	312.7875	130.3181	11.4892	65.5215	32.2459
NE+3.30	C29	347	DISX-COMB Max	2.0727	100.6994	312.7875	130.3181	11.4892	31.758	48.808
NE+3.30	C29	347	DISX-COMB Max	2.3318	100.6994	312.7875	130.3181	11.4892	2.0305	129.8451
NE+3.30	C29	347	DISX-COMB Max	2.5909	100.6994	312.7875	130.3181	11.4892	35.7732	210.8847
NE+3.30	C29	347	DISX-COMB Max	2.85	100.6994	312.7875	130.3181	11.4892	69.5368	291.9247
NE+3.30	C29	347	DISY-COMB Max	0	246.4472	22.2719	324.8422	2.4235	752.2622	42.9078
NE+3.30	C29	347	DISY-COMB Max	0.2591	246.4472	22.2719	324.8422	2.4235	668.0985	37.1379
NE+3.30	C29	347	DISY-COMB Max	0.5182	246.4472	22.2719	324.8422	2.4235	583.9349	31.368
NE+3.30	C29	347	DISY-COMB Max	0.7773	246.4472	22.2719	324.8422	2.4235	499.7712	25.5985
NE+3.30	C29	347	DISY-COMB Max	1.0364	246.4472	22.2719	324.8422	2.4235	415.6076	19.8295
NE+3.30	C29	347	DISY-COMB Max	1.2955	246.4472	22.2719	324.8422	2.4235	331.4439	14.0618
NE+3.30	C29	347	DISY-COMB Max	1.5545	246.4472	22.2719	324.8422	2.4235	247.2803	8.2977
NE+3.30	C29	347	DISY-COMB Max	1.8136	246.4472	22.2719	324.8422	2.4235	163.1167	2.5624
NE+3.30	C29	347	DISY-COMB Max	2.0727	246.4472	22.2719	324.8422	2.4235	78.9531	3.298
NE+3.30	C29	347	DISY-COMB Max	2.3318	246.4472	22.2719	324.8422	2.4235	5.2152	9.0434
NE+3.30	C29	347	DISY-COMB Max	2.5909	246.4472	22.2719	324.8422	2.4235	89.3747	14.8083
NE+3.30	C29	347	DISY-COMB Max	2.85	246.4472	22.2719	324.8422	2.4235	173.5383	20.5763
NE+3.30	C29	347	B241	0	-326.8514	-1.5918	-16.8589	-0.039	-8.7097	-1.8483
NE+3.30	C29	347	B241	0.2591	-324.305	-1.5918	-16.8589	-0.039	-4.3417	-1.4359
NE+3.30	C29	347	B241	0.5182	-321.7587	-1.5918	-16.8589	-0.039	0.0263	-1.0235
NE+3.30	C29	347	B241	0.7773	-319.2124	-1.5918	-16.8589	-0.039	4.3943	-0.6111
NE+3.30	C29	347	B241	1.0364	-316.666	-1.5918	-16.8589	-0.039	8.7623	-0.1986
NE+3.30	C29	347	B241	1.2955	-314.1197	-1.5918	-16.8589	-0.039	13.1303	0.2138
NE+3.30	C29	347	B241	1.5545	-311.5733	-1.5918	-16.8589	-0.039	17.4983	0.6262
NE+3.30	C29	347	B241	1.8136	-309.027	-1.5918	-16.8589	-0.039	21.8663	1.0386
NE+3.30	C29	347	B241	2.0727	-306.4806	-1.5918	-16.8589	-0.039	26.2343	1.451
NE+3.30	C29	347	B241	2.3318	-303.9343	-1.5918	-16.8589	-0.039	30.6023	1.8635
NE+3.30	C29	347	B241	2.5909	-301.3879	-1.5918	-16.8589	-0.039	34.9703	2.2759
NE+3.30	C29	347	B241	2.85	-298.8416	-1.5918	-16.8589	-0.039	39.3383	2.6883
NE+3.30	C29	347	B242	0	-485.2894	-3.1559	-23.6658	0.0681	-19.343	-3.8475
NE+3.30	C29	347	B242	0.2591	-483.1068	-3.1559	-23.6658	0.0681	-13.2114	-3.0298
NE+3.30	C29	347	B242	0.5182	-480.9242	-3.1559	-23.6658	0.0681	-7.0798	-2.2121
NE+3.30	C29	347	B242	0.7773	-478.7416	-3.1559	-23.6658	0.0681	-0.9482	-1.3945
NE+3.30	C29	347	B242	1.0364	-476.559	-3.1559	-23.6658	0.0681	5.1834	-0.5768
NE+3.30	C29	347	B242	1.2955	-474.3764	-3.1559	-23.6658	0.0681	11.315	0.2408
NE+3.30	C29	347	B242	1.5545	-472.1939	-3.1559	-23.6658	0.0681	17.4466	1.0585
NE+3.30	C29	347	B242	1.8136	-470.0113	-3.1559	-23.6658	0.0681	23.5782	1.8762
NE+3.30	C29	347	B242	2.0727	-467.8287	-3.1559	-23.6658	0.0681	29.7098	2.6938

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C29	347	B242	2.3318	-465.6461	-3.1559	-23.6658	0.0681	35.8414	3.5115
NE+3.30	C29	347	B242	2.5909	-463.4635	-3.1559	-23.6658	0.0681	41.973	4.3291
NE+3.30	C29	347	B242	2.85	-461.281	-3.1559	-23.6658	0.0681	48.1046	5.1468
NE+3.30	C40	372	Pprop	0	-61.3188	3.9867	-4.0934	-0.0011	-3.3385	4.2711
NE+3.30	C40	372	Pprop	0.2591	-59.3545	3.9867	-4.0934	-0.0011	-2.2779	3.2382
NE+3.30	C40	372	Pprop	0.5182	-57.3902	3.9867	-4.0934	-0.0011	-1.2174	2.2052
NE+3.30	C40	372	Pprop	0.7773	-55.4258	3.9867	-4.0934	-0.0011	-0.1568	1.1723
NE+3.30	C40	372	Pprop	1.0364	-53.4615	3.9867	-4.0934	-0.0011	0.9038	0.1394
NE+3.30	C40	372	Pprop	1.2955	-51.4972	3.9867	-4.0934	-0.0011	1.9644	-0.8935
NE+3.30	C40	372	Pprop	1.5545	-49.5329	3.9867	-4.0934	-0.0011	3.0249	-1.9264
NE+3.30	C40	372	Pprop	1.8136	-47.5685	3.9867	-4.0934	-0.0011	4.0855	-2.9594
NE+3.30	C40	372	Pprop	2.0727	-45.6042	3.9867	-4.0934	-0.0011	5.1461	-3.9923
NE+3.30	C40	372	Pprop	2.3318	-43.6399	3.9867	-4.0934	-0.0011	6.2066	-5.0252
NE+3.30	C40	372	Pprop	2.5909	-41.6756	3.9867	-4.0934	-0.0011	7.2672	-6.0581
NE+3.30	C40	372	Pprop	2.85	-39.7112	3.9867	-4.0934	-0.0011	8.3278	-7.091
NE+3.30	C40	372	Viva	0	-66.8446	6.1961	-7.4179	0.0633	-8.4588	6.4228
NE+3.30	C40	372	Viva	0.2591	-66.8446	6.1961	-7.4179	0.0633	-6.5368	4.8175
NE+3.30	C40	372	Viva	0.5182	-66.8446	6.1961	-7.4179	0.0633	-4.6149	3.2121
NE+3.30	C40	372	Viva	0.7773	-66.8446	6.1961	-7.4179	0.0633	-2.693	1.6068
NE+3.30	C40	372	Viva	1.0364	-66.8446	6.1961	-7.4179	0.0633	-0.7711	0.0015
NE+3.30	C40	372	Viva	1.2955	-66.8446	6.1961	-7.4179	0.0633	1.1508	-1.6039
NE+3.30	C40	372	Viva	1.5545	-66.8446	6.1961	-7.4179	0.0633	3.0727	-3.2092
NE+3.30	C40	372	Viva	1.8136	-66.8446	6.1961	-7.4179	0.0633	4.9947	-4.8146
NE+3.30	C40	372	Viva	2.0727	-66.8446	6.1961	-7.4179	0.0633	6.9166	-6.4199
NE+3.30	C40	372	Viva	2.3318	-66.8446	6.1961	-7.4179	0.0633	8.8385	-8.0252
NE+3.30	C40	372	Viva	2.5909	-66.8446	6.1961	-7.4179	0.0633	10.7604	-9.6306
NE+3.30	C40	372	Viva	2.85	-66.8446	6.1961	-7.4179	0.0633	12.6823	-11.2359
NE+3.30	C40	372	Psup	0	-59.4179	7.5188	-6.5548	-0.029	-1.247	7.9348
NE+3.30	C40	372	Psup	0.2591	-59.4179	7.5188	-6.5548	-0.029	0.4513	5.9868
NE+3.30	C40	372	Psup	0.5182	-59.4179	7.5188	-6.5548	-0.029	2.1496	4.0387
NE+3.30	C40	372	Psup	0.7773	-59.4179	7.5188	-6.5548	-0.029	3.8479	2.0907
NE+3.30	C40	372	Psup	1.0364	-59.4179	7.5188	-6.5548	-0.029	5.5462	0.1426
NE+3.30	C40	372	Psup	1.2955	-59.4179	7.5188	-6.5548	-0.029	7.2445	-1.8054
NE+3.30	C40	372	Psup	1.5545	-59.4179	7.5188	-6.5548	-0.029	8.9428	-3.7535
NE+3.30	C40	372	Psup	1.8136	-59.4179	7.5188	-6.5548	-0.029	10.6411	-5.7016
NE+3.30	C40	372	Psup	2.0727	-59.4179	7.5188	-6.5548	-0.029	12.3394	-7.6496
NE+3.30	C40	372	Psup	2.3318	-59.4179	7.5188	-6.5548	-0.029	14.0377	-9.5977
NE+3.30	C40	372	Psup	2.5909	-59.4179	7.5188	-6.5548	-0.029	15.736	-11.5457
NE+3.30	C40	372	Psup	2.85	-59.4179	7.5188	-6.5548	-0.029	17.4343	-13.4938
NE+3.30	C40	372	Viva.cub	0	-0.7543	-0.0036	0.4373	0.0005	0.379	-0.0214
NE+3.30	C40	372	Viva.cub	0.2591	-0.7543	-0.0036	0.4373	0.0005	0.2657	-0.0205
NE+3.30	C40	372	Viva.cub	0.5182	-0.7543	-0.0036	0.4373	0.0005	0.1524	-0.0196
NE+3.30	C40	372	Viva.cub	0.7773	-0.7543	-0.0036	0.4373	0.0005	0.0391	-0.0186
NE+3.30	C40	372	Viva.cub	1.0364	-0.7543	-0.0036	0.4373	0.0005	-0.0742	-0.0177
NE+3.30	C40	372	Viva.cub	1.2955	-0.7543	-0.0036	0.4373	0.0005	-0.1875	-0.0168

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C40	372	Viva.cub	1.5545	-0.7543	-0.0036	0.4373	0.0005	-0.3008	-0.0159
NE+3.30	C40	372	Viva.cub	1.8136	-0.7543	-0.0036	0.4373	0.0005	-0.4141	-0.015
NE+3.30	C40	372	Viva.cub	2.0727	-0.7543	-0.0036	0.4373	0.0005	-0.5274	-0.014
NE+3.30	C40	372	Viva.cub	2.3318	-0.7543	-0.0036	0.4373	0.0005	-0.6407	-0.0131
NE+3.30	C40	372	Viva.cub	2.5909	-0.7543	-0.0036	0.4373	0.0005	-0.7539	-0.0122
NE+3.30	C40	372	Viva.cub	2.85	-0.7543	-0.0036	0.4373	0.0005	-0.8672	-0.0113
NE+3.30	C40	372	DISX-COMB Max	0	218.6266	255.271	206.6769	11.4892	500.7367	537.9471
NE+3.30	C40	372	DISX-COMB Max	0.2591	218.6266	255.271	206.6769	11.4892	447.1906	471.8087
NE+3.30	C40	372	DISX-COMB Max	0.5182	218.6266	255.271	206.6769	11.4892	393.6449	405.6704
NE+3.30	C40	372	DISX-COMB Max	0.7773	218.6266	255.271	206.6769	11.4892	340.1	339.5321
NE+3.30	C40	372	DISX-COMB Max	1.0364	218.6266	255.271	206.6769	11.4892	286.5564	273.3939
NE+3.30	C40	372	DISX-COMB Max	1.2955	218.6266	255.271	206.6769	11.4892	233.0147	207.2557
NE+3.30	C40	372	DISX-COMB Max	1.5545	218.6266	255.271	206.6769	11.4892	179.477	141.1178
NE+3.30	C40	372	DISX-COMB Max	1.8136	218.6266	255.271	206.6769	11.4892	125.948	74.9808
NE+3.30	C40	372	DISX-COMB Max	2.0727	218.6266	255.271	206.6769	11.4892	72.4472	8.8648
NE+3.30	C40	372	DISX-COMB Max	2.3318	218.6266	255.271	206.6769	11.4892	19.2122	57.3029
NE+3.30	C40	372	DISX-COMB Max	2.5909	218.6266	255.271	206.6769	11.4892	34.9916	123.4392
NE+3.30	C40	372	DISX-COMB Max	2.85	218.6266	255.271	206.6769	11.4892	88.3998	189.577
NE+3.30	C40	372	DISY-COMB Max	0	214.3014	19.4377	292.8808	2.4235	704.4753	39.8578
NE+3.30	C40	372	DISY-COMB Max	0.2591	214.3014	19.4377	292.8808	2.4235	628.5926	34.8242
NE+3.30	C40	372	DISY-COMB Max	0.5182	214.3014	19.4377	292.8808	2.4235	552.7099	29.7916
NE+3.30	C40	372	DISY-COMB Max	0.7773	214.3014	19.4377	292.8808	2.4235	476.8272	24.7604
NE+3.30	C40	372	DISY-COMB Max	1.0364	214.3014	19.4377	292.8808	2.4235	400.9445	19.7316
NE+3.30	C40	372	DISY-COMB Max	1.2955	214.3014	19.4377	292.8808	2.4235	325.0618	14.708
NE+3.30	C40	372	DISY-COMB Max	1.5545	214.3014	19.4377	292.8808	2.4235	249.1792	9.6974
NE+3.30	C40	372	DISY-COMB Max	1.8136	214.3014	19.4377	292.8808	2.4235	173.2966	4.7411
NE+3.30	C40	372	DISY-COMB Max	2.0727	214.3014	19.4377	292.8808	2.4235	97.4143	1.2813
NE+3.30	C40	372	DISY-COMB Max	2.3318	214.3014	19.4377	292.8808	2.4235	21.5354	5.6153
NE+3.30	C40	372	DISY-COMB Max	2.5909	214.3014	19.4377	292.8808	2.4235	54.3542	10.5899
NE+3.30	C40	372	DISY-COMB Max	2.85	214.3014	19.4377	292.8808	2.4235	130.2358	15.6041
NE+3.30	C40	372	B241	0	-156.5105	14.9146	-13.8033	-0.039	-5.9441	15.8225
NE+3.30	C40	372	B241	0.2591	-153.9642	14.9146	-13.8033	-0.039	-2.3678	11.9583
NE+3.30	C40	372	B241	0.5182	-151.4178	14.9146	-13.8033	-0.039	1.2085	8.094
NE+3.30	C40	372	B241	0.7773	-148.8715	14.9146	-13.8033	-0.039	4.7848	4.2298
NE+3.30	C40	372	B241	1.0364	-146.3251	14.9146	-13.8033	-0.039	8.3611	0.3656
NE+3.30	C40	372	B241	1.2955	-143.7788	14.9146	-13.8033	-0.039	11.9374	-3.4986
NE+3.30	C40	372	B241	1.5545	-141.2324	14.9146	-13.8033	-0.039	15.5137	-7.3629
NE+3.30	C40	372	B241	1.8136	-138.6861	14.9146	-13.8033	-0.039	19.0901	-11.2271
NE+3.30	C40	372	B241	2.0727	-136.1397	14.9146	-13.8033	-0.039	22.6664	-15.0913
NE+3.30	C40	372	B241	2.3318	-133.5934	14.9146	-13.8033	-0.039	26.2427	-18.9556
NE+3.30	C40	372	B241	2.5909	-131.0471	14.9146	-13.8033	-0.039	29.819	-22.8198
NE+3.30	C40	372	B241	2.85	-128.5007	14.9146	-13.8033	-0.039	33.3953	-26.684
NE+3.30	C40	372	B242	0	-241.4804	22.6958	-23.4815	0.0681	-18.4395	23.828
NE+3.30	C40	372	B242	0.2591	-239.2978	22.6958	-23.4815	0.0681	-12.3557	17.9477
NE+3.30	C40	372	B242	0.5182	-237.1152	22.6958	-23.4815	0.0681	-6.2718	12.0674

Table 5.2 - Column Forces (continued)

Story	Column	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	C40	372	B242	0.7773	-234.9326	22.6958	-23.4815	0.0681	-0.188	6.1871
NE+3.30	C40	372	B242	1.0364	-232.7501	22.6958	-23.4815	0.0681	5.8958	0.3068
NE+3.30	C40	372	B242	1.2955	-230.5675	22.6958	-23.4815	0.0681	11.9797	-5.5734
NE+3.30	C40	372	B242	1.5545	-228.3849	22.6958	-23.4815	0.0681	18.0635	-11.4537
NE+3.30	C40	372	B242	1.8136	-226.2023	22.6958	-23.4815	0.0681	24.1473	-17.334
NE+3.30	C40	372	B242	2.0727	-224.0197	22.6958	-23.4815	0.0681	30.2311	-23.2143
NE+3.30	C40	372	B242	2.3318	-221.8371	22.6958	-23.4815	0.0681	36.315	-29.0946
NE+3.30	C40	372	B242	2.5909	-219.6546	22.6958	-23.4815	0.0681	42.3988	-34.9749
NE+3.30	C40	372	B242	2.85	-217.472	22.6958	-23.4815	0.0681	48.4826	-40.8551

Table 5.3 - Beam Forces

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B40	45	Pprop	0.325	0	-24.294	0	-0.6536	0	-26.2889
NE+5.00	B40	45	Pprop	0.8895	0	-21.8796	0	-0.6536	0	-13.2553
NE+5.00	B40	45	Pprop	1.4541	0	-19.4651	0	-0.6536	0	-1.5848
NE+5.00	B40	45	Pprop	2.0186	0	-17.0507	0	-0.6536	0	8.7226
NE+5.00	B40	45	Pprop	2.2867	0	-15.9043	0	-0.6536	0	13.139
NE+5.00	B40	45	Pprop	2.2867	0	-6.761	0	-0.6536	0	13.3818
NE+5.00	B40	45	Pprop	2.5832	0	-5.4928	0	-0.6536	0	15.1985
NE+5.00	B40	45	Pprop	3.1477	0	-3.0784	0	-0.6536	0	17.6179
NE+5.00	B40	45	Pprop	3.7123	0	-0.6639	0	-0.6536	0	18.6742
NE+5.00	B40	45	Pprop	4.2768	0	1.7505	0	-0.6536	0	18.3675
NE+5.00	B40	45	Pprop	4.5733	0	3.0187	0	-0.6536	0	17.6604
NE+5.00	B40	45	Pprop	4.5733	0	12.1653	0	-0.6536	0	17.4546
NE+5.00	B40	45	Pprop	4.8414	0	13.3117	0	-0.6536	0	14.0403
NE+5.00	B40	45	Pprop	5.4059	0	15.7261	0	-0.6536	0	5.8437
NE+5.00	B40	45	Pprop	5.9705	0	18.1406	0	-0.6536	0	-3.7159
NE+5.00	B40	45	Pprop	6.535	0	20.555	0	-0.6536	0	-14.6386
NE+5.00	B40	45	Viva	0.325	0	-17.8915	0	-1.4839	0	-22.9395
NE+5.00	B40	45	Viva	0.8895	0	-17.2058	0	-1.4839	0	-13.0025
NE+5.00	B40	45	Viva	1.4541	0	-16.0759	0	-1.4839	0	-3.6125
NE+5.00	B40	45	Viva	2.0186	0	-15.4546	0	-1.4839	0	5.2577
NE+5.00	B40	45	Viva	2.2867	0	-15.3827	0	-1.4839	0	9.3871
NE+5.00	B40	45	Viva	2.2867	0	-3.1866	0	-1.4839	0	9.7703
NE+5.00	B40	45	Viva	2.5832	0	-3.0987	0	-1.4839	0	10.7065
NE+5.00	B40	45	Viva	3.1477	0	-2.4452	0	-1.4839	0	12.3014
NE+5.00	B40	45	Viva	3.7123	0	-1.3136	0	-1.4839	0	13.3624
NE+5.00	B40	45	Viva	4.2768	0	-0.6601	0	-1.4839	0	13.8895
NE+5.00	B40	45	Viva	4.5733	0	-0.5722	0	-1.4839	0	14.0679
NE+5.00	B40	45	Viva	4.5733	0	11.6285	0	-1.4839	0	13.7416
NE+5.00	B40	45	Viva	4.8414	0	11.7003	0	-1.4839	0	10.6183
NE+5.00	B40	45	Viva	5.4059	0	12.3217	0	-1.4839	0	3.8676
NE+5.00	B40	45	Viva	5.9705	0	13.4516	0	-1.4839	0	-3.403
NE+5.00	B40	45	Viva	6.535	0	14.1373	0	-1.4839	0	-11.2206

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B40	45	Psup	0.325	0	-57.6571	0	-2.3558	0	-63.1463
NE+5.00	B40	45	Psup	0.8895	0	-55.3615	0	-2.3558	0	-31.1439
NE+5.00	B40	45	Psup	1.4541	0	-51.5784	0	-2.3558	0	-0.9728
NE+5.00	B40	45	Psup	2.0186	0	-49.4982	0	-2.3558	0	27.4579
NE+5.00	B40	45	Psup	2.2867	0	-49.2576	0	-2.3558	0	40.682
NE+5.00	B40	45	Psup	2.2867	0	-8.3946	0	-2.3558	0	41.9467
NE+5.00	B40	45	Psup	2.5832	0	-8.1003	0	-2.3558	0	44.4067
NE+5.00	B40	45	Psup	3.1477	0	-5.9123	0	-2.3558	0	48.4625
NE+5.00	B40	45	Psup	3.7123	0	-2.1238	0	-2.3558	0	50.7309
NE+5.00	B40	45	Psup	4.2768	0	0.0641	0	-2.3558	0	51.2119
NE+5.00	B40	45	Psup	4.5733	0	0.3585	0	-2.3558	0	51.1347
NE+5.00	B40	45	Psup	4.5733	0	41.2101	0	-2.3558	0	49.8958
NE+5.00	B40	45	Psup	4.8414	0	41.4506	0	-2.3558	0	38.8287
NE+5.00	B40	45	Psup	5.4059	0	43.5309	0	-2.3558	0	14.9412
NE+5.00	B40	45	Psup	5.9705	0	47.3139	0	-2.3558	0	-10.6867
NE+5.00	B40	45	Psup	6.535	0	49.6095	0	-2.3558	0	-38.1459
NE+5.00	B40	45	Viva.cub	0.325	0	-0.2233	0	0.0156	0	-0.6691
NE+5.00	B40	45	Viva.cub	0.8895	0	-0.2233	0	0.0156	0	-0.5431
NE+5.00	B40	45	Viva.cub	1.4541	0	-0.2233	0	0.0156	0	-0.417
NE+5.00	B40	45	Viva.cub	2.0186	0	-0.2233	0	0.0156	0	-0.291
NE+5.00	B40	45	Viva.cub	2.2867	0	-0.2233	0	0.0156	0	-0.2311
NE+5.00	B40	45	Viva.cub	2.2867	0	-0.2233	0	0.0156	0	-0.2313
NE+5.00	B40	45	Viva.cub	2.5832	0	-0.2233	0	0.0156	0	-0.1651
NE+5.00	B40	45	Viva.cub	3.1477	0	-0.2233	0	0.0156	0	-0.039
NE+5.00	B40	45	Viva.cub	3.7123	0	-0.2233	0	0.0156	0	0.087
NE+5.00	B40	45	Viva.cub	4.2768	0	-0.2233	0	0.0156	0	0.2131
NE+5.00	B40	45	Viva.cub	4.5733	0	-0.2233	0	0.0156	0	0.2793
NE+5.00	B40	45	Viva.cub	4.5733	0	-0.2225	0	0.0156	0	0.2798
NE+5.00	B40	45	Viva.cub	4.8414	0	-0.2225	0	0.0156	0	0.3394
NE+5.00	B40	45	Viva.cub	5.4059	0	-0.2225	0	0.0156	0	0.4651
NE+5.00	B40	45	Viva.cub	5.9705	0	-0.2225	0	0.0156	0	0.5907
NE+5.00	B40	45	Viva.cub	6.535	0	-0.2225	0	0.0156	0	0.7163
NE+5.00	B40	45	DISX-COMB Max	0.325	0	41.1337	0	4.1782	0	131.2576
NE+5.00	B40	45	DISX-COMB Max	0.8895	0	41.1337	0	4.1782	0	108.0395
NE+5.00	B40	45	DISX-COMB Max	1.4541	0	41.1337	0	4.1782	0	84.8235
NE+5.00	B40	45	DISX-COMB Max	2.0186	0	41.1337	0	4.1782	0	61.612
NE+5.00	B40	45	DISX-COMB Max	2.2867	0	41.1337	0	4.1782	0	50.5951
NE+5.00	B40	45	DISX-COMB Max	2.2867	0	41.9461	0	4.1782	0	50.9174
NE+5.00	B40	45	DISX-COMB Max	2.5832	0	41.9461	0	4.1782	0	38.4866
NE+5.00	B40	45	DISX-COMB Max	3.1477	0	41.9461	0	4.1782	0	14.8511
NE+5.00	B40	45	DISX-COMB Max	3.7123	0	41.9461	0	4.1782	0	9.0235
NE+5.00	B40	45	DISX-COMB Max	4.2768	0	41.9461	0	4.1782	0	32.6163
NE+5.00	B40	45	DISX-COMB Max	4.5733	0	41.9461	0	4.1782	0	45.0447
NE+5.00	B40	45	DISX-COMB Max	4.5733	0	42.8591	0	4.1782	0	44.7903
NE+5.00	B40	45	DISX-COMB Max	4.8414	0	42.8591	0	4.1782	0	56.2674

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B40	45	DISX-COMB Max	5.4059	0	42.8591	0	4.1782	0	80.451
NE+5.00	B40	45	DISX-COMB Max	5.9705	0	42.8591	0	4.1782	0	104.6404
NE+5.00	B40	45	DISX-COMB Max	6.535	0	42.8591	0	4.1782	0	128.8322
NE+5.00	B40	45	DISY-COMB Max	0.325	0	69.2541	0	0.3534	0	218.382
NE+5.00	B40	45	DISY-COMB Max	0.8895	0	69.2541	0	0.3534	0	179.288
NE+5.00	B40	45	DISY-COMB Max	1.4541	0	69.2541	0	0.3534	0	140.1957
NE+5.00	B40	45	DISY-COMB Max	2.0186	0	69.2541	0	0.3534	0	101.1071
NE+5.00	B40	45	DISY-COMB Max	2.2867	0	69.2541	0	0.3534	0	82.5518
NE+5.00	B40	45	DISY-COMB Max	2.2867	0	69.258	0	0.3534	0	82.6176
NE+5.00	B40	45	DISY-COMB Max	2.5832	0	69.258	0	0.3534	0	62.0939
NE+5.00	B40	45	DISY-COMB Max	3.1477	0	69.258	0	0.3534	0	23.0787
NE+5.00	B40	45	DISY-COMB Max	3.7123	0	69.258	0	0.3534	0	16.3435
NE+5.00	B40	45	DISY-COMB Max	4.2768	0	69.258	0	0.3534	0	55.3091
NE+5.00	B40	45	DISY-COMB Max	4.5733	0	69.258	0	0.3534	0	75.8301
NE+5.00	B40	45	DISY-COMB Max	4.5733	0	69.2625	0	0.3534	0	75.8055
NE+5.00	B40	45	DISY-COMB Max	4.8414	0	69.2625	0	0.3534	0	94.3617
NE+5.00	B40	45	DISY-COMB Max	5.4059	0	69.2625	0	0.3534	0	133.4536
NE+5.00	B40	45	DISY-COMB Max	5.9705	0	69.2625	0	0.3534	0	172.55
NE+5.00	B40	45	DISY-COMB Max	6.535	0	69.2625	0	0.3534	0	211.6484
NE+5.00	B40	45	B241	0.325	0	-106.2329	0	-3.901	0	-115.9345
NE+5.00	B40	45	B241	0.8895	0	-100.1273	0	-3.901	0	-57.5545
NE+5.00	B40	45	B241	1.4541	0	-92.0934	0	-3.901	0	-3.3155
NE+5.00	B40	45	B241	2.0186	0	-86.267	0	-3.901	0	46.9006
NE+5.00	B40	45	B241	2.2867	0	-84.4692	0	-3.901	0	69.768
NE+5.00	B40	45	B241	2.2867	0	-19.6461	0	-3.901	0	71.7221
NE+5.00	B40	45	B241	2.5832	0	-17.6206	0	-3.901	0	77.266
NE+5.00	B40	45	B241	3.1477	0	-11.6546	0	-3.901	0	85.6598
NE+5.00	B40	45	B241	3.7123	0	-3.6137	0	-3.901	0	89.9696
NE+5.00	B40	45	B241	4.2768	0	2.3523	0	-3.901	0	90.1955
NE+5.00	B40	45	B241	4.5733	0	4.3778	0	-3.901	0	89.1789
NE+5.00	B40	45	B241	4.5733	0	69.1904	0	-3.901	0	87.3061
NE+5.00	B40	45	B241	4.8414	0	70.9881	0	-3.901	0	68.534
NE+5.00	B40	45	B241	5.4059	0	76.8146	0	-3.901	0	26.9434
NE+5.00	B40	45	B241	5.9705	0	84.8484	0	-3.901	0	-18.67
NE+5.00	B40	45	B241	6.535	0	90.954	0	-3.901	0	-68.4244
NE+5.00	B40	45	B242	0.325	0	-119.7948	0	-5.7102	0	-136.4103
NE+5.00	B40	45	B242	0.8895	0	-113.4644	0	-5.7102	0	-70.408
NE+5.00	B40	45	B242	1.4541	0	-104.7703	0	-5.7102	0	-8.8304
NE+5.00	B40	45	B242	2.0186	0	-98.782	0	-5.7102	0	48.4673
NE+5.00	B40	45	B242	2.2867	0	-97.1262	0	-5.7102	0	74.7049
NE+5.00	B40	45	B242	2.2867	0	-22.0498	0	-5.7102	0	76.9929
NE+5.00	B40	45	B242	2.5832	0	-20.173	0	-5.7102	0	83.2759
NE+5.00	B40	45	B242	3.1477	0	-14.0136	0	-5.7102	0	93.0853
NE+5.00	B40	45	B242	3.7123	0	-5.3109	0	-5.7102	0	98.5401
NE+5.00	B40	45	B242	4.2768	0	0.8484	0	-5.7102	0	99.6402

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B40	45	B242	4.5733	0	2.7252	0	-5.7102	0	99.0873
NE+5.00	B40	45	B242	4.5733	0	77.8004	0	-5.7102	0	96.9602
NE+5.00	B40	45	B242	4.8414	0	79.4563	0	-5.7102	0	75.9025
NE+5.00	B40	45	B242	5.4059	0	85.4445	0	-5.7102	0	29.515
NE+5.00	B40	45	B242	5.9705	0	94.1386	0	-5.7102	0	-21.1523
NE+5.00	B40	45	B242	6.535	0	100.469	0	-5.7102	0	-76.2443
NE+5.00	B41	46	Pprop	0.325	0	-42.4701	0	-0.9968	0	-48.7563
NE+5.00	B41	46	Pprop	0.8918	0	-40.0459	0	-0.9968	0	-25.3705
NE+5.00	B41	46	Pprop	1.4586	0	-37.6217	0	-0.9968	0	-3.3588
NE+5.00	B41	46	Pprop	2.0255	0	-35.1976	0	-0.9968	0	17.2788
NE+5.00	B41	46	Pprop	2.2867	0	-34.0804	0	-0.9968	0	26.327
NE+5.00	B41	46	Pprop	2.2867	0	-7.9754	0	0.0626	0	26.0332
NE+5.00	B41	46	Pprop	2.5923	0	-6.6684	0	0.0626	0	28.2709
NE+5.00	B41	46	Pprop	3.1591	0	-4.2443	0	0.0626	0	31.3636
NE+5.00	B41	46	Pprop	3.7259	0	-1.8201	0	0.0626	0	33.0823
NE+5.00	B41	46	Pprop	4.2927	0	0.6041	0	0.0626	0	33.4269
NE+5.00	B41	46	Pprop	4.5733	0	1.8042	0	0.0626	0	33.089
NE+5.00	B41	46	Pprop	4.5733	0	27.8747	0	1.2845	0	33.332
NE+5.00	B41	46	Pprop	4.8595	0	29.0988	0	1.2845	0	25.1788
NE+5.00	B41	46	Pprop	5.4264	0	31.523	0	1.2845	0	7.998
NE+5.00	B41	46	Pprop	5.9932	0	33.9471	0	1.2845	0	-10.5568
NE+5.00	B41	46	Pprop	6.56	0	36.3713	0	1.2845	0	-30.4857
NE+5.00	B41	46	Viva	0.325	0	-47.9073	0	-1.5004	0	-58.8385
NE+5.00	B41	46	Viva	0.8918	0	-46.5278	0	-1.5004	0	-32.014
NE+5.00	B41	46	Viva	1.4586	0	-44.2609	0	-1.5004	0	-6.2939
NE+5.00	B41	46	Viva	2.0255	0	-43.0261	0	-1.5004	0	18.3834
NE+5.00	B41	46	Viva	2.2867	0	-42.8897	0	-1.5004	0	29.5986
NE+5.00	B41	46	Viva	2.2867	0	-6.4208	0	0.0996	0	29.1512
NE+5.00	B41	46	Viva	2.5923	0	-6.234	0	0.0996	0	31.0944
NE+5.00	B41	46	Viva	3.1591	0	-4.8985	0	0.0996	0	34.3101
NE+5.00	B41	46	Viva	3.7259	0	-2.6282	0	0.0996	0	36.4392
NE+5.00	B41	46	Viva	4.2927	0	-1.3494	0	0.0996	0	37.5058
NE+5.00	B41	46	Viva	4.5733	0	-1.1919	0	0.0996	0	37.855
NE+5.00	B41	46	Viva	4.5733	0	35.2387	0	1.8937	0	38.2349
NE+5.00	B41	46	Viva	4.8595	0	35.4025	0	1.8937	0	28.1335
NE+5.00	B41	46	Viva	5.4264	0	36.694	0	1.8937	0	7.7614
NE+5.00	B41	46	Viva	5.9932	0	38.9648	0	1.8937	0	-13.6787
NE+5.00	B41	46	Viva	6.56	0	40.2875	0	1.8937	0	-36.2003
NE+5.00	B41	46	Psup	0.325	0	-153.0948	0	-5.5169	0	-163.7186
NE+5.00	B41	46	Psup	0.8918	0	-148.4765	0	-5.5169	0	-78.0473
NE+5.00	B41	46	Psup	1.4586	0	-140.8869	0	-5.5169	0	3.9267
NE+5.00	B41	46	Psup	2.0255	0	-136.7528	0	-5.5169	0	82.4091
NE+5.00	B41	46	Psup	2.2867	0	-136.2959	0	-5.5169	0	118.0511
NE+5.00	B41	46	Psup	2.2867	0	-14.2471	0	0.1212	0	116.5374
NE+5.00	B41	46	Psup	2.5923	0	-13.6217	0	0.1212	0	120.8277

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B41	46	Psup	3.1591	0	-9.1506	0	0.1212	0	127.4848
NE+5.00	B41	46	Psup	3.7259	0	-1.5495	0	0.1212	0	130.5039
NE+5.00	B41	46	Psup	4.2927	0	2.7319	0	0.1212	0	129.9655
NE+5.00	B41	46	Psup	4.5733	0	3.2591	0	0.1212	0	129.1003
NE+5.00	B41	46	Psup	4.5733	0	125.2376	0	6.3287	0	130.5395
NE+5.00	B41	46	Psup	4.8595	0	125.7862	0	6.3287	0	94.6427
NE+5.00	B41	46	Psup	5.4264	0	130.1101	0	6.3287	0	22.3226
NE+5.00	B41	46	Psup	5.9932	0	137.7126	0	6.3287	0	-53.5734
NE+5.00	B41	46	Psup	6.56	0	142.1412	0	6.3287	0	-133.0897
NE+5.00	B41	46	Viva.cub	0.325	0	-0.2132	0	0.0007	0	-0.6579
NE+5.00	B41	46	Viva.cub	0.8918	0	-0.2132	0	0.0007	0	-0.5371
NE+5.00	B41	46	Viva.cub	1.4586	0	-0.2132	0	0.0007	0	-0.4162
NE+5.00	B41	46	Viva.cub	2.0255	0	-0.2132	0	0.0007	0	-0.2954
NE+5.00	B41	46	Viva.cub	2.2867	0	-0.2132	0	0.0007	0	-0.2397
NE+5.00	B41	46	Viva.cub	2.2867	0	-0.2124	0	-0.0031	0	-0.2396
NE+5.00	B41	46	Viva.cub	2.5923	0	-0.2124	0	-0.0031	0	-0.1747
NE+5.00	B41	46	Viva.cub	3.1591	0	-0.2124	0	-0.0031	0	-0.0543
NE+5.00	B41	46	Viva.cub	3.7259	0	-0.2124	0	-0.0031	0	0.0661
NE+5.00	B41	46	Viva.cub	4.2927	0	-0.2124	0	-0.0031	0	0.1865
NE+5.00	B41	46	Viva.cub	4.5733	0	-0.2124	0	-0.0031	0	0.2461
NE+5.00	B41	46	Viva.cub	4.5733	0	-0.2109	0	-0.0195	0	0.245
NE+5.00	B41	46	Viva.cub	4.8595	0	-0.2109	0	-0.0195	0	0.3054
NE+5.00	B41	46	Viva.cub	5.4264	0	-0.2109	0	-0.0195	0	0.4249
NE+5.00	B41	46	Viva.cub	5.9932	0	-0.2109	0	-0.0195	0	0.5445
NE+5.00	B41	46	Viva.cub	6.56	0	-0.2109	0	-0.0195	0	0.664
NE+5.00	B41	46	DISX-COMB Max	0.325	0	23.511	0	21.7499	0	79.9784
NE+5.00	B41	46	DISX-COMB Max	0.8918	0	23.511	0	21.7499	0	66.6793
NE+5.00	B41	46	DISX-COMB Max	1.4586	0	23.511	0	21.7499	0	53.3939
NE+5.00	B41	46	DISX-COMB Max	2.0255	0	23.511	0	21.7499	0	40.1356
NE+5.00	B41	46	DISX-COMB Max	2.2867	0	23.511	0	21.7499	0	34.0437
NE+5.00	B41	46	DISX-COMB Max	2.2867	0	25.1475	0	0.8897	0	33.9447
NE+5.00	B41	46	DISX-COMB Max	2.5923	0	25.1475	0	0.8897	0	26.2951
NE+5.00	B41	46	DISX-COMB Max	3.1591	0	25.1475	0	0.8897	0	12.2262
NE+5.00	B41	46	DISX-COMB Max	3.7259	0	25.1475	0	0.8897	0	3.7263
NE+5.00	B41	46	DISX-COMB Max	4.2927	0	25.1475	0	0.8897	0	16.8714
NE+5.00	B41	46	DISX-COMB Max	4.5733	0	25.1475	0	0.8897	0	23.8551
NE+5.00	B41	46	DISX-COMB Max	4.5733	0	26.894	0	23.4322	0	23.7563
NE+5.00	B41	46	DISX-COMB Max	4.8595	0	26.894	0	23.4322	0	31.3673
NE+5.00	B41	46	DISX-COMB Max	5.4264	0	26.894	0	23.4322	0	46.5242
NE+5.00	B41	46	DISX-COMB Max	5.9932	0	26.894	0	23.4322	0	61.724
NE+5.00	B41	46	DISX-COMB Max	6.56	0	26.894	0	23.4322	0	76.9412
NE+5.00	B41	46	DISY-COMB Max	0.325	0	66.4391	0	0.6606	0	210.8675
NE+5.00	B41	46	DISY-COMB Max	0.8918	0	66.4391	0	0.6606	0	173.2176
NE+5.00	B41	46	DISY-COMB Max	1.4586	0	66.4391	0	0.6606	0	135.5727
NE+5.00	B41	46	DISY-COMB Max	2.0255	0	66.4391	0	0.6606	0	97.9386

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B41	46	DISY-COMB Max	2.2867	0	66.4391	0	0.6606	0	80.6032
NE+5.00	B41	46	DISY-COMB Max	2.2867	0	66.3224	0	0.2944	0	80.5402
NE+5.00	B41	46	DISY-COMB Max	2.5923	0	66.3224	0	0.2944	0	60.3084
NE+5.00	B41	46	DISY-COMB Max	3.1591	0	66.3224	0	0.2944	0	22.9557
NE+5.00	B41	46	DISY-COMB Max	3.7259	0	66.3224	0	0.2944	0	15.5966
NE+5.00	B41	46	DISY-COMB Max	4.2927	0	66.3224	0	0.2944	0	52.7823
NE+5.00	B41	46	DISY-COMB Max	4.5733	0	66.3224	0	0.2944	0	71.3494
NE+5.00	B41	46	DISY-COMB Max	4.5733	0	66.1544	0	1.2293	0	71.3187
NE+5.00	B41	46	DISY-COMB Max	4.8595	0	66.1544	0	1.2293	0	90.229
NE+5.00	B41	46	DISY-COMB Max	5.4264	0	66.1544	0	1.2293	0	127.7
NE+5.00	B41	46	DISY-COMB Max	5.9932	0	66.1544	0	1.2293	0	165.1831
NE+5.00	B41	46	DISY-COMB Max	6.56	0	66.1544	0	1.2293	0	202.6715
NE+5.00	B41	46	B241	0.325	0	-253.51	0	-8.4438	0	-275.4304
NE+5.00	B41	46	B241	0.8918	0	-244.3809	0	-8.4438	0	-134.0601
NE+5.00	B41	46	B241	1.4586	0	-231.4001	0	-8.4438	0	0.7362
NE+5.00	B41	46	B241	2.0255	0	-222.8986	0	-8.4438	0	129.2251
NE+5.00	B41	46	B241	2.2867	0	-220.8582	0	-8.4438	0	187.1567
NE+5.00	B41	46	B241	2.2867	0	-28.8069	0	0.2382	0	184.8138
NE+5.00	B41	46	B241	2.5923	0	-26.302	0	0.2382	0	193.2759
NE+5.00	B41	46	B241	3.1591	0	-17.3637	0	0.2382	0	205.9146
NE+5.00	B41	46	B241	3.7259	0	-4.3679	0	0.2382	0	212.0561
NE+5.00	B41	46	B241	4.2927	0	4.3244	0	0.2382	0	211.805
NE+5.00	B41	46	B241	4.5733	0	6.5635	0	0.2382	0	210.2455
NE+5.00	B41	46	B241	4.5733	0	198.479	0	9.8691	0	212.4261
NE+5.00	B41	46	B241	4.8595	0	200.7768	0	9.8691	0	155.3241
NE+5.00	B41	46	B241	5.4264	0	209.5243	0	9.8691	0	39.3045
NE+5.00	B41	46	B241	5.9932	0	222.5219	0	9.8691	0	-83.1317
NE+5.00	B41	46	B241	6.56	0	231.4051	0	9.8691	0	-212.0422
NE+5.00	B41	46	B242	0.325	0	-294.0525	0	-9.6378	0	-330.5537
NE+5.00	B41	46	B242	0.8918	0	-284.0204	0	-9.6378	0	-166.3997
NE+5.00	B41	46	B242	1.4586	0	-269.267	0	-9.6378	0	-9.6473
NE+5.00	B41	46	B242	2.0255	0	-260.0043	0	-9.6378	0	140.0301
NE+5.00	B41	46	B242	2.2867	0	-258.0371	0	-9.6378	0	207.6578
NE+5.00	B41	46	B242	2.2867	0	-35.0711	0	0.362	0	204.9339
NE+5.00	B41	46	B242	2.5923	0	-32.6251	0	0.362	0	215.3287
NE+5.00	B41	46	B242	3.1591	0	-22.827	0	0.362	0	231.3673
NE+5.00	B41	46	B242	3.7259	0	-8.0552	0	0.362	0	240.0982
NE+5.00	B41	46	B242	4.2927	0	1.4414	0	0.362	0	241.6497
NE+5.00	B41	46	B242	4.5733	0	3.6126	0	0.362	0	240.9015
NE+5.00	B41	46	B242	4.5733	0	226.4013	0	11.4795	0	243.3779
NE+5.00	B41	46	B242	4.8595	0	228.633	0	11.4795	0	178.3013
NE+5.00	B41	46	B242	5.4264	0	238.1972	0	11.4795	0	46.3203
NE+5.00	B41	46	B242	5.9932	0	252.9713	0	11.4795	0	-92.8695
NE+5.00	B41	46	B242	6.56	0	262.7018	0	11.4795	0	-239.3389
NE+5.00	B42	47	Pprop	0.325	0	-39.1169	0	0.1531	0	-44.7458

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B42	47	Pprop	0.8895	0	-36.7025	0	0.1531	0	-23.344
NE+5.00	B42	47	Pprop	1.4541	0	-34.288	0	0.1531	0	-3.3054
NE+5.00	B42	47	Pprop	2.0186	0	-31.8736	0	0.1531	0	15.3702
NE+5.00	B42	47	Pprop	2.2867	0	-30.7273	0	0.1531	0	23.7597
NE+5.00	B42	47	Pprop	2.2867	0	-7.4993	0	-0.0448	0	23.7672
NE+5.00	B42	47	Pprop	2.5832	0	-6.2311	0	-0.0448	0	25.8029
NE+5.00	B42	47	Pprop	3.1477	0	-3.8167	0	-0.0448	0	28.6391
NE+5.00	B42	47	Pprop	3.7123	0	-1.4022	0	-0.0448	0	30.1123
NE+5.00	B42	47	Pprop	4.2768	0	1.0122	0	-0.0448	0	30.2224
NE+5.00	B42	47	Pprop	4.5733	0	2.2803	0	-0.0448	0	29.7342
NE+5.00	B42	47	Pprop	4.5733	0	25.5152	0	-0.1501	0	29.7352
NE+5.00	B42	47	Pprop	4.8414	0	26.6615	0	-0.1501	0	22.7427
NE+5.00	B42	47	Pprop	5.4059	0	29.0759	0	-0.1501	0	7.0096
NE+5.00	B42	47	Pprop	5.9705	0	31.4904	0	-0.1501	0	-10.0866
NE+5.00	B42	47	Pprop	6.535	0	33.9048	0	-0.1501	0	-28.5459
NE+5.00	B42	47	Viva	0.325	0	-43.1882	0	0.3121	0	-53.2904
NE+5.00	B42	47	Viva	0.8895	0	-41.8169	0	0.3121	0	-29.2358
NE+5.00	B42	47	Viva	1.4541	0	-39.557	0	0.3121	0	-6.2752
NE+5.00	B42	47	Viva	2.0186	0	-38.3143	0	0.3121	0	15.6458
NE+5.00	B42	47	Viva	2.2867	0	-38.1706	0	0.3121	0	25.8895
NE+5.00	B42	47	Viva	2.2867	0	-6.0026	0	-0.0641	0	25.8755
NE+5.00	B42	47	Viva	2.5832	0	-5.8267	0	-0.0641	0	27.638
NE+5.00	B42	47	Viva	3.1477	0	-4.5197	0	-0.0641	0	30.6185
NE+5.00	B42	47	Viva	3.7123	0	-2.2566	0	-0.0641	0	32.5313
NE+5.00	B42	47	Viva	4.2768	0	-0.9496	0	-0.0641	0	33.3763
NE+5.00	B42	47	Viva	4.5733	0	-0.7737	0	-0.0641	0	33.6231
NE+5.00	B42	47	Viva	4.5733	0	31.3698	0	-0.3071	0	33.6451
NE+5.00	B42	47	Viva	4.8414	0	31.5135	0	-0.3071	0	25.2242
NE+5.00	B42	47	Viva	5.4059	0	32.7562	0	-0.3071	0	7.1426
NE+5.00	B42	47	Viva	5.9705	0	35.0161	0	-0.3071	0	-11.9786
NE+5.00	B42	47	Viva	6.535	0	36.3874	0	-0.3071	0	-32.1939
NE+5.00	B42	47	Psup	0.325	0	-136.4876	0	0.632	0	-145.1249
NE+5.00	B42	47	Psup	0.8895	0	-131.8964	0	0.632	0	-69.1666
NE+5.00	B42	47	Psup	1.4541	0	-124.3302	0	0.632	0	3.1288
NE+5.00	B42	47	Psup	2.0186	0	-120.1697	0	0.632	0	71.9437
NE+5.00	B42	47	Psup	2.2867	0	-119.6887	0	0.632	0	104.0669
NE+5.00	B42	47	Psup	2.2867	0	-12.5941	0	-0.126	0	104.1081
NE+5.00	B42	47	Psup	2.5832	0	-12.0054	0	-0.126	0	107.7842
NE+5.00	B42	47	Psup	3.1477	0	-7.6296	0	-0.126	0	113.5274
NE+5.00	B42	47	Psup	3.7123	0	-0.0525	0	-0.126	0	115.6959
NE+5.00	B42	47	Psup	4.2768	0	4.3233	0	-0.126	0	114.2896
NE+5.00	B42	47	Psup	4.5733	0	4.912	0	-0.126	0	112.8913
NE+5.00	B42	47	Psup	4.5733	0	112.011	0	-0.6198	0	112.8957
NE+5.00	B42	47	Psup	4.8414	0	112.4921	0	-0.6198	0	82.8304
NE+5.00	B42	47	Psup	5.4059	0	116.6526	0	-0.6198	0	18.3499

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B42	47	Psup	5.9705	0	124.2187	0	-0.6198	0	-49.6112
NE+5.00	B42	47	Psup	6.535	0	128.81	0	-0.6198	0	-121.2351
NE+5.00	B42	47	Viva.cub	0.325	0	-0.2185	0	0.0012	0	-0.66
NE+5.00	B42	47	Viva.cub	0.8895	0	-0.2185	0	0.0012	0	-0.5366
NE+5.00	B42	47	Viva.cub	1.4541	0	-0.2185	0	0.0012	0	-0.4132
NE+5.00	B42	47	Viva.cub	2.0186	0	-0.2185	0	0.0012	0	-0.2898
NE+5.00	B42	47	Viva.cub	2.2867	0	-0.2185	0	0.0012	0	-0.2313
NE+5.00	B42	47	Viva.cub	2.2867	0	-0.2196	0	-0.0014	0	-0.2312
NE+5.00	B42	47	Viva.cub	2.5832	0	-0.2196	0	-0.0014	0	-0.1661
NE+5.00	B42	47	Viva.cub	3.1477	0	-0.2196	0	-0.0014	0	-0.0421
NE+5.00	B42	47	Viva.cub	3.7123	0	-0.2196	0	-0.0014	0	0.0819
NE+5.00	B42	47	Viva.cub	4.2768	0	-0.2196	0	-0.0014	0	0.2059
NE+5.00	B42	47	Viva.cub	4.5733	0	-0.2196	0	-0.0014	0	0.271
NE+5.00	B42	47	Viva.cub	4.5733	0	-0.2221	0	-0.0103	0	0.2713
NE+5.00	B42	47	Viva.cub	4.8414	0	-0.2221	0	-0.0103	0	0.3309
NE+5.00	B42	47	Viva.cub	5.4059	0	-0.2221	0	-0.0103	0	0.4563
NE+5.00	B42	47	Viva.cub	5.9705	0	-0.2221	0	-0.0103	0	0.5817
NE+5.00	B42	47	Viva.cub	6.535	0	-0.2221	0	-0.0103	0	0.7071
NE+5.00	B42	47	DISX-COMB Max	0.325	0	8.571	0	25	0	27.2319
NE+5.00	B42	47	DISX-COMB Max	0.8895	0	8.571	0	25	0	22.3935
NE+5.00	B42	47	DISX-COMB Max	1.4541	0	8.571	0	25	0	17.5552
NE+5.00	B42	47	DISX-COMB Max	2.0186	0	8.571	0	25	0	12.7173
NE+5.00	B42	47	DISX-COMB Max	2.2867	0	8.571	0	25	0	10.4207
NE+5.00	B42	47	DISX-COMB Max	2.2867	0	8.4147	0	1.3214	0	10.4765
NE+5.00	B42	47	DISX-COMB Max	2.5832	0	8.4147	0	1.3214	0	7.9839
NE+5.00	B42	47	DISX-COMB Max	3.1477	0	8.4147	0	1.3214	0	3.2488
NE+5.00	B42	47	DISX-COMB Max	3.7123	0	8.4147	0	1.3214	0	1.5814
NE+5.00	B42	47	DISX-COMB Max	4.2768	0	8.4147	0	1.3214	0	6.2913
NE+5.00	B42	47	DISX-COMB Max	4.5733	0	8.4147	0	1.3214	0	8.7826
NE+5.00	B42	47	DISX-COMB Max	4.5733	0	8.1047	0	23.4537	0	8.8329
NE+5.00	B42	47	DISX-COMB Max	4.8414	0	8.1047	0	23.4537	0	11.0045
NE+5.00	B42	47	DISX-COMB Max	5.4059	0	8.1047	0	23.4537	0	15.5791
NE+5.00	B42	47	DISX-COMB Max	5.9705	0	8.1047	0	23.4537	0	20.1541
NE+5.00	B42	47	DISX-COMB Max	6.535	0	8.1047	0	23.4537	0	24.7293
NE+5.00	B42	47	DISY-COMB Max	0.325	0	64.8644	0	0.7949	0	204.5019
NE+5.00	B42	47	DISY-COMB Max	0.8895	0	64.8644	0	0.7949	0	167.8847
NE+5.00	B42	47	DISY-COMB Max	1.4541	0	64.8644	0	0.7949	0	131.2684
NE+5.00	B42	47	DISY-COMB Max	2.0186	0	64.8644	0	0.7949	0	94.654
NE+5.00	B42	47	DISY-COMB Max	2.2867	0	64.8644	0	0.7949	0	77.2721
NE+5.00	B42	47	DISY-COMB Max	2.2867	0	64.9257	0	0.2912	0	77.308
NE+5.00	B42	47	DISY-COMB Max	2.5832	0	64.9257	0	0.2912	0	58.0629
NE+5.00	B42	47	DISY-COMB Max	3.1477	0	64.9257	0	0.2912	0	21.4524
NE+5.00	B42	47	DISY-COMB Max	3.7123	0	64.9257	0	0.2912	0	15.3648
NE+5.00	B42	47	DISY-COMB Max	4.2768	0	64.9257	0	0.2912	0	51.9511
NE+5.00	B42	47	DISY-COMB Max	4.5733	0	64.9257	0	0.2912	0	71.1949

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B42	47	DISY-COMB Max	4.5733	0	65.0352	0	1.3324	0	71.1993
NE+5.00	B42	47	DISY-COMB Max	4.8414	0	65.0352	0	1.3324	0	88.626
NE+5.00	B42	47	DISY-COMB Max	5.4059	0	65.0352	0	1.3324	0	125.3356
NE+5.00	B42	47	DISY-COMB Max	5.9705	0	65.0352	0	1.3324	0	162.0478
NE+5.00	B42	47	DISY-COMB Max	6.535	0	65.0352	0	1.3324	0	198.7611
NE+5.00	B42	47	B241	0.325	0	-227.6355	0	1.0178	0	-246.1287
NE+5.00	B42	47	B241	0.8895	0	-218.554	0	1.0178	0	-119.9213
NE+5.00	B42	47	B241	1.4541	0	-205.6162	0	1.0178	0	-0.2288
NE+5.00	B42	47	B241	2.0186	0	-197.0931	0	1.0178	0	113.1847
NE+5.00	B42	47	B241	2.2867	0	-194.9836	0	1.0178	0	165.7011
NE+5.00	B42	47	B241	2.2867	0	-26.047	0	-0.2215	0	165.7643
NE+5.00	B42	47	B241	2.5832	0	-23.64	0	-0.2215	0	173.1685
NE+5.00	B42	47	B241	3.1477	0	-14.8377	0	-0.2215	0	184.29
NE+5.00	B42	47	B241	3.7123	0	-1.8858	0	-0.2215	0	189.0106
NE+5.00	B42	47	B241	4.2768	0	6.9164	0	-0.2215	0	187.3303
NE+5.00	B42	47	B241	4.5733	0	9.3235	0	-0.2215	0	184.8849
NE+5.00	B42	47	B241	4.5733	0	178.2747	0	-0.9979	0	184.892
NE+5.00	B42	47	B241	4.8414	0	180.3843	0	-0.9979	0	136.8541
NE+5.00	B42	47	B241	5.4059	0	188.9074	0	-0.9979	0	32.8734
NE+5.00	B42	47	B241	5.9705	0	201.8452	0	-0.9979	0	-77.3861
NE+5.00	B42	47	B241	6.535	0	210.9266	0	-0.9979	0	-194.1606
NE+5.00	B42	47	B242	0.325	0	-264.3265	0	1.3724	0	-296.562
NE+5.00	B42	47	B242	0.8895	0	-254.3483	0	1.3724	0	-149.8352
NE+5.00	B42	47	B242	1.4541	0	-239.643	0	1.3724	0	-10.4431
NE+5.00	B42	47	B242	2.0186	0	-230.3492	0	1.3724	0	121.9038
NE+5.00	B42	47	B242	2.2867	0	-228.3111	0	1.3724	0	183.3371
NE+5.00	B42	47	B242	2.2867	0	-32.0399	0	-0.2932	0	183.3689
NE+5.00	B42	47	B242	2.5832	0	-29.6954	0	-0.2932	0	192.5679
NE+5.00	B42	47	B242	3.1477	0	-20.0594	0	-0.2932	0	206.9314
NE+5.00	B42	47	B242	3.7123	0	-5.3368	0	-0.2932	0	214.1
NE+5.00	B42	47	B242	4.2768	0	4.2992	0	-0.2932	0	214.0738
NE+5.00	B42	47	B242	4.5733	0	6.6437	0	-0.2932	0	212.4052
NE+5.00	B42	47	B242	4.5733	0	202.8876	0	-1.3519	0	212.4466
NE+5.00	B42	47	B242	4.8414	0	204.9256	0	-1.3519	0	157.8276
NE+5.00	B42	47	B242	5.4059	0	214.2194	0	-1.3519	0	39.8335
NE+5.00	B42	47	B242	5.9705	0	228.9248	0	-1.3519	0	-85.2059
NE+5.00	B42	47	B242	6.535	0	238.903	0	-1.3519	0	-217.58
NE+5.00	B43	48	Pprop	0.325	0	-35.7365	0	-0.6935	0	-40.5774
NE+5.00	B43	48	Pprop	0.8895	0	-33.3221	0	-0.6935	0	-21.084
NE+5.00	B43	48	Pprop	1.4541	0	-30.9076	0	-0.6935	0	-2.9537
NE+5.00	B43	48	Pprop	2.0186	0	-28.4932	0	-0.6935	0	13.8135
NE+5.00	B43	48	Pprop	2.2867	0	-27.3469	0	-0.6935	0	21.2969
NE+5.00	B43	48	Pprop	2.2867	0	-7.3302	0	0.0787	0	21.4405
NE+5.00	B43	48	Pprop	2.5832	0	-6.062	0	0.0787	0	23.426
NE+5.00	B43	48	Pprop	3.1477	0	-3.6476	0	0.0787	0	26.1667

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B43	48	Pprop	3.7123	0	-1.2331	0	0.0787	0	27.5444
NE+5.00	B43	48	Pprop	4.2768	0	1.1813	0	0.0787	0	27.5591
NE+5.00	B43	48	Pprop	4.5733	0	2.4494	0	0.0787	0	27.0208
NE+5.00	B43	48	Pprop	4.5733	0	22.5051	0	1.1108	0	26.8763
NE+5.00	B43	48	Pprop	4.8414	0	23.6514	0	1.1108	0	20.6907
NE+5.00	B43	48	Pprop	5.4059	0	26.0659	0	1.1108	0	6.6568
NE+5.00	B43	48	Pprop	5.9705	0	28.4803	0	1.1108	0	-8.7401
NE+5.00	B43	48	Pprop	6.535	0	30.8947	0	1.1108	0	-25.5
NE+5.00	B43	48	Viva	0.325	0	-36.7793	0	-1.3885	0	-45.6502
NE+5.00	B43	48	Viva	0.8895	0	-35.408	0	-1.3885	0	-25.2137
NE+5.00	B43	48	Viva	1.4541	0	-33.1481	0	-1.3885	0	-5.8712
NE+5.00	B43	48	Viva	2.0186	0	-31.9054	0	-1.3885	0	12.4316
NE+5.00	B43	48	Viva	2.2867	0	-31.7617	0	-1.3885	0	20.9575
NE+5.00	B43	48	Viva	2.2867	0	-5.8816	0	0.1862	0	21.2693
NE+5.00	B43	48	Viva	2.5832	0	-5.7058	0	0.1862	0	22.9959
NE+5.00	B43	48	Viva	3.1477	0	-4.3987	0	0.1862	0	25.9081
NE+5.00	B43	48	Viva	3.7123	0	-2.1356	0	0.1862	0	27.7525
NE+5.00	B43	48	Viva	4.2768	0	-0.8286	0	0.1862	0	28.5293
NE+5.00	B43	48	Viva	4.5733	0	-0.6528	0	0.1862	0	28.7402
NE+5.00	B43	48	Viva	4.5733	0	25.3262	0	2.3353	0	28.4187
NE+5.00	B43	48	Viva	4.8414	0	25.4699	0	2.3353	0	21.6177
NE+5.00	B43	48	Viva	5.4059	0	26.7126	0	2.3353	0	6.948
NE+5.00	B43	48	Viva	5.9705	0	28.9725	0	2.3353	0	-8.7613
NE+5.00	B43	48	Viva	6.535	0	30.3438	0	2.3353	0	-25.5647
NE+5.00	B43	48	Psup	0.325	0	-121.3859	0	-4.2798	0	-128.413
NE+5.00	B43	48	Psup	0.8895	0	-116.7947	0	-4.2798	0	-60.9803
NE+5.00	B43	48	Psup	1.4541	0	-109.2286	0	-4.2798	0	2.7896
NE+5.00	B43	48	Psup	2.0186	0	-105.0681	0	-4.2798	0	63.079
NE+5.00	B43	48	Psup	2.2867	0	-104.587	0	-4.2798	0	91.1544
NE+5.00	B43	48	Psup	2.2867	0	-12.4316	0	0.2899	0	91.5591
NE+5.00	B43	48	Psup	2.5832	0	-11.8429	0	0.2899	0	95.1871
NE+5.00	B43	48	Psup	3.1477	0	-7.4671	0	0.2899	0	100.8386
NE+5.00	B43	48	Psup	3.7123	0	0.1099	0	0.2899	0	102.9153
NE+5.00	B43	48	Psup	4.2768	0	4.4858	0	0.2899	0	101.4172
NE+5.00	B43	48	Psup	4.5733	0	5.0745	0	0.2899	0	99.9708
NE+5.00	B43	48	Psup	4.5733	0	97.3245	0	5.8039	0	99.5553
NE+5.00	B43	48	Psup	4.8414	0	97.8055	0	5.8039	0	73.4264
NE+5.00	B43	48	Psup	5.4059	0	101.966	0	5.8039	0	17.2371
NE+5.00	B43	48	Psup	5.9705	0	109.5322	0	5.8039	0	-42.4327
NE+5.00	B43	48	Psup	6.535	0	114.1234	0	5.8039	0	-105.7654
NE+5.00	B43	48	Viva.cub	0.325	0	-0.2218	0	0.0017	0	-0.6619
NE+5.00	B43	48	Viva.cub	0.8895	0	-0.2218	0	0.0017	0	-0.5367
NE+5.00	B43	48	Viva.cub	1.4541	0	-0.2218	0	0.0017	0	-0.4114
NE+5.00	B43	48	Viva.cub	2.0186	0	-0.2218	0	0.0017	0	-0.2862
NE+5.00	B43	48	Viva.cub	2.2867	0	-0.2218	0	0.0017	0	-0.2267

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B43	48	Viva.cub	2.2867	0	-0.2207	0	0.0012	0	-0.2268
NE+5.00	B43	48	Viva.cub	2.5832	0	-0.2207	0	0.0012	0	-0.1614
NE+5.00	B43	48	Viva.cub	3.1477	0	-0.2207	0	0.0012	0	-0.0368
NE+5.00	B43	48	Viva.cub	3.7123	0	-0.2207	0	0.0012	0	0.0878
NE+5.00	B43	48	Viva.cub	4.2768	0	-0.2207	0	0.0012	0	0.2123
NE+5.00	B43	48	Viva.cub	4.5733	0	-0.2207	0	0.0012	0	0.2778
NE+5.00	B43	48	Viva.cub	4.5733	0	-0.2164	0	-0.003	0	0.278
NE+5.00	B43	48	Viva.cub	4.8414	0	-0.2164	0	-0.003	0	0.336
NE+5.00	B43	48	Viva.cub	5.4059	0	-0.2164	0	-0.003	0	0.4582
NE+5.00	B43	48	Viva.cub	5.9705	0	-0.2164	0	-0.003	0	0.5803
NE+5.00	B43	48	Viva.cub	6.535	0	-0.2164	0	-0.003	0	0.7025
NE+5.00	B43	48	DISX-COMB Max	0.325	0	9.9951	0	23.5038	0	30.4441
NE+5.00	B43	48	DISX-COMB Max	0.8895	0	9.9951	0	23.5038	0	24.8038
NE+5.00	B43	48	DISX-COMB Max	1.4541	0	9.9951	0	23.5038	0	19.1648
NE+5.00	B43	48	DISX-COMB Max	2.0186	0	9.9951	0	23.5038	0	13.5289
NE+5.00	B43	48	DISX-COMB Max	2.2867	0	9.9951	0	23.5038	0	10.8556
NE+5.00	B43	48	DISX-COMB Max	2.2867	0	9.5702	0	1.1801	0	10.9113
NE+5.00	B43	48	DISX-COMB Max	2.5832	0	9.5702	0	1.1801	0	8.0747
NE+5.00	B43	48	DISX-COMB Max	3.1477	0	9.5702	0	1.1801	0	2.6807
NE+5.00	B43	48	DISX-COMB Max	3.7123	0	9.5702	0	1.1801	0	2.748
NE+5.00	B43	48	DISX-COMB Max	4.2768	0	9.5702	0	1.1801	0	8.1423
NE+5.00	B43	48	DISX-COMB Max	4.5733	0	9.5702	0	1.1801	0	10.9789
NE+5.00	B43	48	DISX-COMB Max	4.5733	0	8.9698	0	22.7256	0	11.0367
NE+5.00	B43	48	DISX-COMB Max	4.8414	0	8.9698	0	22.7256	0	13.4311
NE+5.00	B43	48	DISX-COMB Max	5.4059	0	8.9698	0	22.7256	0	18.4827
NE+5.00	B43	48	DISX-COMB Max	5.9705	0	8.9698	0	22.7256	0	23.5395
NE+5.00	B43	48	DISX-COMB Max	6.535	0	8.9698	0	22.7256	0	28.5988
NE+5.00	B43	48	DISY-COMB Max	0.325	0	62.6227	0	0.7071	0	197.1197
NE+5.00	B43	48	DISY-COMB Max	0.8895	0	62.6227	0	0.7071	0	161.7668
NE+5.00	B43	48	DISY-COMB Max	1.4541	0	62.6227	0	0.7071	0	126.414
NE+5.00	B43	48	DISY-COMB Max	2.0186	0	62.6227	0	0.7071	0	91.0618
NE+5.00	B43	48	DISY-COMB Max	2.2867	0	62.6227	0	0.7071	0	74.2779
NE+5.00	B43	48	DISY-COMB Max	2.2867	0	62.6056	0	0.2931	0	74.2797
NE+5.00	B43	48	DISY-COMB Max	2.5832	0	62.6056	0	0.2931	0	55.718
NE+5.00	B43	48	DISY-COMB Max	3.1477	0	62.6056	0	0.2931	0	20.3868
NE+5.00	B43	48	DISY-COMB Max	3.7123	0	62.6056	0	0.2931	0	15.0032
NE+5.00	B43	48	DISY-COMB Max	4.2768	0	62.6056	0	0.2931	0	50.3282
NE+5.00	B43	48	DISY-COMB Max	4.5733	0	62.6056	0	0.2931	0	68.8895
NE+5.00	B43	48	DISY-COMB Max	4.5733	0	62.5609	0	1.18	0	68.8977
NE+5.00	B43	48	DISY-COMB Max	4.8414	0	62.5609	0	1.18	0	85.6649
NE+5.00	B43	48	DISY-COMB Max	5.4059	0	62.5609	0	1.18	0	120.9822
NE+5.00	B43	48	DISY-COMB Max	5.9705	0	62.5609	0	1.18	0	156.3
NE+5.00	B43	48	DISY-COMB Max	6.535	0	62.5609	0	1.18	0	191.618
NE+5.00	B43	48	B241	0.325	0	-203.6773	0	-6.4468	0	-219.0616
NE+5.00	B43	48	B241	0.8895	0	-194.5958	0	-6.4468	0	-106.3796

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B43	48	B241	1.4541	0	-181.6581	0	-6.4468	0	-0.2127
NE+5.00	B43	48	B241	2.0186	0	-173.135	0	-6.4468	0	99.6754
NE+5.00	B43	48	B241	2.2867	0	-171.0254	0	-6.4468	0	145.7703
NE+5.00	B43	48	B241	2.2867	0	-25.6172	0	0.4778	0	146.4809
NE+5.00	B43	48	B241	2.5832	0	-23.2101	0	0.4778	0	153.7577
NE+5.00	B43	48	B241	3.1477	0	-14.4079	0	0.4778	0	164.6365
NE+5.00	B43	48	B241	3.7123	0	-1.456	0	0.4778	0	169.1145
NE+5.00	B43	48	B241	4.2768	0	7.3463	0	0.4778	0	167.1915
NE+5.00	B43	48	B241	4.5733	0	9.7533	0	0.4778	0	164.6187
NE+5.00	B43	48	B241	4.5733	0	155.3346	0	8.9635	0	163.8928
NE+5.00	B43	48	B241	4.8414	0	157.4441	0	8.9635	0	122.0036
NE+5.00	B43	48	B241	5.4059	0	165.9672	0	8.9635	0	30.9737
NE+5.00	B43	48	B241	5.9705	0	178.905	0	8.9635	0	-66.3351
NE+5.00	B43	48	B241	6.535	0	187.9865	0	8.9635	0	-170.1588
NE+5.00	B43	48	B242	0.325	0	-233.5383	0	-7.7466	0	-261.1383
NE+5.00	B43	48	B242	0.8895	0	-223.5601	0	-7.7466	0	-131.7928
NE+5.00	B43	48	B242	1.4541	0	-208.8547	0	-7.7466	0	-9.782
NE+5.00	B43	48	B242	2.0186	0	-199.5609	0	-7.7466	0	105.1835
NE+5.00	B43	48	B242	2.2867	0	-197.5229	0	-7.7466	0	158.3646
NE+5.00	B43	48	B242	2.2867	0	-31.4785	0	0.7081	0	159.4725
NE+5.00	B43	48	B242	2.5832	0	-29.1339	0	0.7081	0	168.505
NE+5.00	B43	48	B242	3.1477	0	-19.4979	0	0.7081	0	182.5515
NE+5.00	B43	48	B242	3.7123	0	-4.7753	0	0.7081	0	189.4032
NE+5.00	B43	48	B242	4.2768	0	4.8607	0	0.7081	0	189.06
NE+5.00	B43	48	B242	4.5733	0	7.2052	0	0.7081	0	187.2249
NE+5.00	B43	48	B242	4.5733	0	173.5577	0	11.4179	0	186.0886
NE+5.00	B43	48	B242	4.8414	0	175.5958	0	11.4179	0	139.3308
NE+5.00	B43	48	B242	5.4059	0	184.8896	0	11.4179	0	37.8947
NE+5.00	B43	48	B242	5.9705	0	199.5949	0	11.4179	0	-70.5866
NE+5.00	B43	48	B242	6.535	0	209.5731	0	11.4179	0	-186.4027
NE+5.00	B44	49	Pprop	0.325	0	-42.4176	0	2.2271	0	-47.5498
NE+5.00	B44	49	Pprop	0.8895	0	-40.0032	0	2.2271	0	-24.2846
NE+5.00	B44	49	Pprop	1.4541	0	-37.5887	0	2.2271	0	-2.3825
NE+5.00	B44	49	Pprop	2.0186	0	-35.1743	0	2.2271	0	18.1565
NE+5.00	B44	49	Pprop	2.2867	0	-34.028	0	2.2271	0	27.4307
NE+5.00	B44	49	Pprop	2.2867	0	-7.2328	0	-0.126	0	26.9598
NE+5.00	B44	49	Pprop	2.5832	0	-5.9646	0	-0.126	0	28.9164
NE+5.00	B44	49	Pprop	3.1477	0	-3.5502	0	-0.126	0	31.6021
NE+5.00	B44	49	Pprop	3.7123	0	-1.1357	0	-0.126	0	32.9248
NE+5.00	B44	49	Pprop	4.2768	0	1.2787	0	-0.126	0	32.8845
NE+5.00	B44	49	Pprop	4.5733	0	2.5469	0	-0.126	0	32.3173
NE+5.00	B44	49	Pprop	4.5733	0	29.3505	0	-2.8519	0	32.7574
NE+5.00	B44	49	Pprop	4.8414	0	30.4968	0	-2.8519	0	24.7369
NE+5.00	B44	49	Pprop	5.4059	0	32.9112	0	-2.8519	0	6.8386
NE+5.00	B44	49	Pprop	5.9705	0	35.3257	0	-2.8519	0	-12.4229

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B44	49	Pprop	6.535	0	37.7401	0	-2.8519	0	-33.0474
NE+5.00	B44	49	Viva	0.325	0	-51.4774	0	5.4304	0	-60.8531
NE+5.00	B44	49	Viva	0.8895	0	-50.1061	0	5.4304	0	-32.1189
NE+5.00	B44	49	Viva	1.4541	0	-47.8462	0	5.4304	0	-4.4787
NE+5.00	B44	49	Viva	2.0186	0	-46.6035	0	5.4304	0	22.1219
NE+5.00	B44	49	Viva	2.2867	0	-46.4598	0	5.4304	0	34.5874
NE+5.00	B44	49	Viva	2.2867	0	-5.6946	0	-0.2994	0	34.0485
NE+5.00	B44	49	Viva	2.5832	0	-5.5187	0	-0.2994	0	35.7197
NE+5.00	B44	49	Viva	3.1477	0	-4.2117	0	-0.2994	0	38.5263
NE+5.00	B44	49	Viva	3.7123	0	-1.9486	0	-0.2994	0	40.2652
NE+5.00	B44	49	Viva	4.2768	0	-0.6416	0	-0.2994	0	40.9363
NE+5.00	B44	49	Viva	4.5733	0	-0.4657	0	-0.2994	0	41.0918
NE+5.00	B44	49	Viva	4.5733	0	40.3187	0	-6.9734	0	41.5715
NE+5.00	B44	49	Viva	4.8414	0	40.4624	0	-6.9734	0	30.752
NE+5.00	B44	49	Viva	5.4059	0	41.7051	0	-6.9734	0	7.6184
NE+5.00	B44	49	Viva	5.9705	0	43.965	0	-6.9734	0	-16.5549
NE+5.00	B44	49	Viva	6.535	0	45.3363	0	-6.9734	0	-41.8222
NE+5.00	B44	49	Psup	0.325	0	-135.9763	0	7.7369	0	-143.7152
NE+5.00	B44	49	Psup	0.8895	0	-131.3851	0	7.7369	0	-68.0456
NE+5.00	B44	49	Psup	1.4541	0	-123.819	0	7.7369	0	3.9613
NE+5.00	B44	49	Psup	2.0186	0	-119.6584	0	7.7369	0	72.4875
NE+5.00	B44	49	Psup	2.2867	0	-119.1774	0	7.7369	0	104.4736
NE+5.00	B44	49	Psup	2.2867	0	-12.2462	0	-0.3675	0	102.4548
NE+5.00	B44	49	Psup	2.5832	0	-11.6575	0	-0.3675	0	106.0278
NE+5.00	B44	49	Psup	3.1477	0	-7.2816	0	-0.3675	0	111.5746
NE+5.00	B44	49	Psup	3.7123	0	0.2954	0	-0.3675	0	113.5467
NE+5.00	B44	49	Psup	4.2768	0	4.6712	0	-0.3675	0	111.9439
NE+5.00	B44	49	Psup	4.5733	0	5.2599	0	-0.3675	0	110.4425
NE+5.00	B44	49	Psup	4.5733	0	112.2845	0	-9.8561	0	112.5088
NE+5.00	B44	49	Psup	4.8414	0	112.7656	0	-9.8561	0	82.3702
NE+5.00	B44	49	Psup	5.4059	0	116.9261	0	-9.8561	0	17.7353
NE+5.00	B44	49	Psup	5.9705	0	124.4922	0	-9.8561	0	-50.3802
NE+5.00	B44	49	Psup	6.535	0	129.0834	0	-9.8561	0	-122.1585
NE+5.00	B44	49	Viva.cub	0.325	0	-0.2187	0	-0.0001	0	-0.6577
NE+5.00	B44	49	Viva.cub	0.8895	0	-0.2187	0	-0.0001	0	-0.5342
NE+5.00	B44	49	Viva.cub	1.4541	0	-0.2187	0	-0.0001	0	-0.4107
NE+5.00	B44	49	Viva.cub	2.0186	0	-0.2187	0	-0.0001	0	-0.2873
NE+5.00	B44	49	Viva.cub	2.2867	0	-0.2187	0	-0.0001	0	-0.2286
NE+5.00	B44	49	Viva.cub	2.2867	0	-0.2194	0	-0.0063	0	-0.2288
NE+5.00	B44	49	Viva.cub	2.5832	0	-0.2194	0	-0.0063	0	-0.1637
NE+5.00	B44	49	Viva.cub	3.1477	0	-0.2194	0	-0.0063	0	-0.0399
NE+5.00	B44	49	Viva.cub	3.7123	0	-0.2194	0	-0.0063	0	0.084
NE+5.00	B44	49	Viva.cub	4.2768	0	-0.2194	0	-0.0063	0	0.2079
NE+5.00	B44	49	Viva.cub	4.5733	0	-0.2194	0	-0.0063	0	0.2729
NE+5.00	B44	49	Viva.cub	4.5733	0	-0.2215	0	-0.0417	0	0.2728

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B44	49	Viva.cub	4.8414	0	-0.2215	0	-0.0417	0	0.3321
NE+5.00	B44	49	Viva.cub	5.4059	0	-0.2215	0	-0.0417	0	0.4572
NE+5.00	B44	49	Viva.cub	5.9705	0	-0.2215	0	-0.0417	0	0.5822
NE+5.00	B44	49	Viva.cub	6.535	0	-0.2215	0	-0.0417	0	0.7073
NE+5.00	B44	49	DISX-COMB Max	0.325	0	21.5825	0	20.7965	0	73.0807
NE+5.00	B44	49	DISX-COMB Max	0.8895	0	21.5825	0	20.7965	0	60.9316
NE+5.00	B44	49	DISX-COMB Max	1.4541	0	21.5825	0	20.7965	0	48.7999
NE+5.00	B44	49	DISX-COMB Max	2.0186	0	21.5825	0	20.7965	0	36.7031
NE+5.00	B44	49	DISX-COMB Max	2.2867	0	21.5825	0	20.7965	0	30.9838
NE+5.00	B44	49	DISX-COMB Max	2.2867	0	23.3998	0	0.9564	0	30.653
NE+5.00	B44	49	DISX-COMB Max	2.5832	0	23.3998	0	0.9564	0	23.7504
NE+5.00	B44	49	DISX-COMB Max	3.1477	0	23.3998	0	0.9564	0	10.7368
NE+5.00	B44	49	DISX-COMB Max	3.7123	0	23.3998	0	0.9564	0	3.9368
NE+5.00	B44	49	DISX-COMB Max	4.2768	0	23.3998	0	0.9564	0	16.2708
NE+5.00	B44	49	DISX-COMB Max	4.5733	0	23.3998	0	0.9564	0	23.1397
NE+5.00	B44	49	DISX-COMB Max	4.5733	0	25.4607	0	21.8739	0	23.2399
NE+5.00	B44	49	DISX-COMB Max	4.8414	0	25.4607	0	21.8739	0	29.9699
NE+5.00	B44	49	DISX-COMB Max	5.4059	0	25.4607	0	21.8739	0	44.2398
NE+5.00	B44	49	DISX-COMB Max	5.9705	0	25.4607	0	21.8739	0	58.5605
NE+5.00	B44	49	DISX-COMB Max	6.535	0	25.4607	0	21.8739	0	72.9021
NE+5.00	B44	49	DISY-COMB Max	0.325	0	60.8871	0	0.64	0	191.7295
NE+5.00	B44	49	DISY-COMB Max	0.8895	0	60.8871	0	0.64	0	157.3561
NE+5.00	B44	49	DISY-COMB Max	1.4541	0	60.8871	0	0.64	0	122.9828
NE+5.00	B44	49	DISY-COMB Max	2.0186	0	60.8871	0	0.64	0	88.6098
NE+5.00	B44	49	DISY-COMB Max	2.2867	0	60.8871	0	0.64	0	72.2906
NE+5.00	B44	49	DISY-COMB Max	2.2867	0	60.92	0	0.2952	0	72.2969
NE+5.00	B44	49	DISY-COMB Max	2.5832	0	60.92	0	0.2952	0	54.2338
NE+5.00	B44	49	DISY-COMB Max	3.1477	0	60.92	0	0.2952	0	19.8457
NE+5.00	B44	49	DISY-COMB Max	3.7123	0	60.92	0	0.2952	0	14.5612
NE+5.00	B44	49	DISY-COMB Max	4.2768	0	60.92	0	0.2952	0	48.9473
NE+5.00	B44	49	DISY-COMB Max	4.5733	0	60.92	0	0.2952	0	67.0103
NE+5.00	B44	49	DISY-COMB Max	4.5733	0	60.9789	0	1.1638	0	66.9473
NE+5.00	B44	49	DISY-COMB Max	4.8414	0	60.9789	0	1.1638	0	83.2911
NE+5.00	B44	49	DISY-COMB Max	5.4059	0	60.9789	0	1.1638	0	117.7158
NE+5.00	B44	49	DISY-COMB Max	5.9705	0	60.9789	0	1.1638	0	152.1409
NE+5.00	B44	49	DISY-COMB Max	6.535	0	60.9789	0	1.1638	0	186.566
NE+5.00	B44	49	B241	0.325	0	-231.2514	0	12.9163	0	-247.9361
NE+5.00	B44	49	B241	0.8895	0	-222.17	0	12.9163	0	-119.6873
NE+5.00	B44	49	B241	1.4541	0	-209.2322	0	12.9163	0	2.0465
NE+5.00	B44	49	B241	2.0186	0	-200.7091	0	12.9163	0	117.5015
NE+5.00	B44	49	B241	2.2867	0	-198.5996	0	12.9163	0	170.987
NE+5.00	B44	49	B241	2.2867	0	-25.2505	0	-0.6397	0	167.7596
NE+5.00	B44	49	B241	2.5832	0	-22.8435	0	-0.6397	0	174.9277
NE+5.00	B44	49	B241	3.1477	0	-14.0412	0	-0.6397	0	185.5995
NE+5.00	B44	49	B241	3.7123	0	-1.0894	0	-0.6397	0	189.8705

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B44	49	B241	4.2768	0	7.7129	0	-0.6397	0	187.7405
NE+5.00	B44	49	B241	4.5733	0	10.1199	0	-0.6397	0	185.059
NE+5.00	B44	49	B241	4.5733	0	183.601	0	-16.4734	0	188.308
NE+5.00	B44	49	B241	4.8414	0	185.7105	0	-16.4734	0	138.8426
NE+5.00	B44	49	B241	5.4059	0	194.2336	0	-16.4734	0	31.855
NE+5.00	B44	49	B241	5.9705	0	207.1714	0	-16.4734	0	-81.4114
NE+5.00	B44	49	B241	6.535	0	216.2528	0	-16.4734	0	-201.1928
NE+5.00	B44	49	B242	0.325	0	-280.6887	0	19.7597	0	-310.2104
NE+5.00	B44	49	B242	0.8895	0	-270.7105	0	19.7597	0	-154.2464
NE+5.00	B44	49	B242	1.4541	0	-256.0051	0	19.7597	0	-5.6171
NE+5.00	B44	49	B242	2.0186	0	-246.7113	0	19.7597	0	135.967
NE+5.00	B44	49	B242	2.2867	0	-244.6732	0	19.7597	0	201.7858
NE+5.00	B44	49	B242	2.2867	0	-30.8644	0	-1.0305	0	198.1572
NE+5.00	B44	49	B242	2.5832	0	-28.5198	0	-1.0305	0	207.0076
NE+5.00	B44	49	B242	3.1477	0	-18.8838	0	-1.0305	0	220.7074
NE+5.00	B44	49	B242	3.7123	0	-4.1612	0	-1.0305	0	227.2124
NE+5.00	B44	49	B242	4.2768	0	5.4748	0	-1.0305	0	226.5225
NE+5.00	B44	49	B242	4.5733	0	7.8193	0	-1.0305	0	224.5053
NE+5.00	B44	49	B242	4.5733	0	221.7714	0	-25.2984	0	228.0577
NE+5.00	B44	49	B242	4.8414	0	223.8095	0	-25.2984	0	168.3772
NE+5.00	B44	49	B242	5.4059	0	233.1033	0	-25.2984	0	39.7223
NE+5.00	B44	49	B242	5.9705	0	247.8087	0	-25.2984	0	-95.9779
NE+5.00	B44	49	B242	6.535	0	257.7869	0	-25.2984	0	-239.0128
NE+5.00	B45	50	Pprop	0.325	0	-26.6276	0	0.6478	0	-28.5055
NE+5.00	B45	50	Pprop	0.8895	0	-24.2131	0	0.6478	0	-14.1546
NE+5.00	B45	50	Pprop	1.4541	0	-21.7987	0	0.6478	0	-1.1667
NE+5.00	B45	50	Pprop	2.0186	0	-19.3842	0	0.6478	0	10.4581
NE+5.00	B45	50	Pprop	2.2867	0	-18.2379	0	0.6478	0	15.5
NE+5.00	B45	50	Pprop	2.2867	0	-6.5628	0	0.6478	0	15.8708
NE+5.00	B45	50	Pprop	2.5832	0	-5.2947	0	0.6478	0	17.6288
NE+5.00	B45	50	Pprop	3.1477	0	-2.8802	0	0.6478	0	19.9363
NE+5.00	B45	50	Pprop	3.7123	0	-0.4658	0	0.6478	0	20.8808
NE+5.00	B45	50	Pprop	4.2768	0	1.9487	0	0.6478	0	20.4622
NE+5.00	B45	50	Pprop	4.5733	0	3.2168	0	0.6478	0	19.6964
NE+5.00	B45	50	Pprop	4.5733	0	14.8688	0	0.6478	0	19.3626
NE+5.00	B45	50	Pprop	4.8414	0	16.0151	0	0.6478	0	15.2237
NE+5.00	B45	50	Pprop	5.4059	0	18.4296	0	0.6478	0	5.5009
NE+5.00	B45	50	Pprop	5.9705	0	20.844	0	0.6478	0	-5.585
NE+5.00	B45	50	Pprop	6.535	0	23.2585	0	0.6478	0	-18.0339
NE+5.00	B45	50	Viva	0.325	0	-37.5258	0	1.5692	0	-40.7753
NE+5.00	B45	50	Viva	0.8895	0	-35.8117	0	1.5692	0	-19.9992
NE+5.00	B45	50	Viva	1.4541	0	-32.9868	0	1.5692	0	-0.5906
NE+5.00	B45	50	Viva	2.0186	0	-31.4334	0	1.5692	0	17.5185
NE+5.00	B45	50	Viva	2.2867	0	-31.2538	0	1.5692	0	25.9115
NE+5.00	B45	50	Viva	2.2867	0	-4.9932	0	1.5692	0	26.2169

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B45	50	Viva	2.5832	0	-4.7734	0	1.5692	0	27.6757
NE+5.00	B45	50	Viva	3.1477	0	-3.1396	0	1.5692	0	29.9843
NE+5.00	B45	50	Viva	3.7123	0	-0.3107	0	1.5692	0	30.9582
NE+5.00	B45	50	Viva	4.2768	0	1.3231	0	1.5692	0	30.5974
NE+5.00	B45	50	Viva	4.5733	0	1.5429	0	1.5692	0	30.1617
NE+5.00	B45	50	Viva	4.5733	0	27.7437	0	1.5692	0	29.928
NE+5.00	B45	50	Viva	4.8414	0	27.9233	0	1.5692	0	22.4758
NE+5.00	B45	50	Viva	5.4059	0	29.4766	0	1.5692	0	6.3483
NE+5.00	B45	50	Viva	5.9705	0	32.3015	0	1.5692	0	-11.0787
NE+5.00	B45	50	Viva	6.535	0	34.0157	0	1.5692	0	-29.8732
NE+5.00	B45	50	Psup	0.325	0	-57.6073	0	2.2417	0	-62.9402
NE+5.00	B45	50	Psup	0.8895	0	-55.3117	0	2.2417	0	-30.9658
NE+5.00	B45	50	Psup	1.4541	0	-51.5286	0	2.2417	0	-0.8229
NE+5.00	B45	50	Psup	2.0186	0	-49.4483	0	2.2417	0	27.5797
NE+5.00	B45	50	Psup	2.2867	0	-49.2078	0	2.2417	0	40.7904
NE+5.00	B45	50	Psup	2.2867	0	-7.9168	0	2.2417	0	42.6122
NE+5.00	B45	50	Psup	2.5832	0	-7.6224	0	2.2417	0	44.9306
NE+5.00	B45	50	Psup	3.1477	0	-5.4345	0	2.2417	0	48.7166
NE+5.00	B45	50	Psup	3.7123	0	-1.646	0	2.2417	0	50.7152
NE+5.00	B45	50	Psup	4.2768	0	0.5419	0	2.2417	0	50.9265
NE+5.00	B45	50	Psup	4.5733	0	0.8363	0	2.2417	0	50.7076
NE+5.00	B45	50	Psup	4.5733	0	42.0166	0	2.2417	0	48.8519
NE+5.00	B45	50	Psup	4.8414	0	42.2571	0	2.2417	0	37.5687
NE+5.00	B45	50	Psup	5.4059	0	44.3374	0	2.2417	0	13.2259
NE+5.00	B45	50	Psup	5.9705	0	48.1204	0	2.2417	0	-12.8573
NE+5.00	B45	50	Psup	6.535	0	50.416	0	2.2417	0	-40.7718
NE+5.00	B45	50	Viva.cub	0.325	0	-0.2161	0	0.0099	0	-0.652
NE+5.00	B45	50	Viva.cub	0.8895	0	-0.2161	0	0.0099	0	-0.53
NE+5.00	B45	50	Viva.cub	1.4541	0	-0.2161	0	0.0099	0	-0.408
NE+5.00	B45	50	Viva.cub	2.0186	0	-0.2161	0	0.0099	0	-0.2861
NE+5.00	B45	50	Viva.cub	2.2867	0	-0.2161	0	0.0099	0	-0.2282
NE+5.00	B45	50	Viva.cub	2.2867	0	-0.2163	0	0.0099	0	-0.228
NE+5.00	B45	50	Viva.cub	2.5832	0	-0.2163	0	0.0099	0	-0.1638
NE+5.00	B45	50	Viva.cub	3.1477	0	-0.2163	0	0.0099	0	-0.0417
NE+5.00	B45	50	Viva.cub	3.7123	0	-0.2163	0	0.0099	0	0.0804
NE+5.00	B45	50	Viva.cub	4.2768	0	-0.2163	0	0.0099	0	0.2025
NE+5.00	B45	50	Viva.cub	4.5733	0	-0.2163	0	0.0099	0	0.2667
NE+5.00	B45	50	Viva.cub	4.5733	0	-0.2183	0	0.0099	0	0.2667
NE+5.00	B45	50	Viva.cub	4.8414	0	-0.2183	0	0.0099	0	0.3252
NE+5.00	B45	50	Viva.cub	5.4059	0	-0.2183	0	0.0099	0	0.4484
NE+5.00	B45	50	Viva.cub	5.9705	0	-0.2183	0	0.0099	0	0.5716
NE+5.00	B45	50	Viva.cub	6.535	0	-0.2183	0	0.0099	0	0.6949
NE+5.00	B45	50	DISX-COMB Max	0.325	0	38.571	0	4.3351	0	122.4848
NE+5.00	B45	50	DISX-COMB Max	0.8895	0	38.571	0	4.3351	0	100.7149
NE+5.00	B45	50	DISX-COMB Max	1.4541	0	38.571	0	4.3351	0	78.9478

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B45	50	DISX-COMB Max	2.0186	0	38.571	0	4.3351	0	57.1868
NE+5.00	B45	50	DISX-COMB Max	2.2867	0	38.571	0	4.3351	0	46.8598
NE+5.00	B45	50	DISX-COMB Max	2.2867	0	39.3733	0	4.3351	0	47.4074
NE+5.00	B45	50	DISX-COMB Max	2.5832	0	39.3733	0	4.3351	0	35.7424
NE+5.00	B45	50	DISX-COMB Max	3.1477	0	39.3733	0	4.3351	0	13.579
NE+5.00	B45	50	DISX-COMB Max	3.7123	0	39.3733	0	4.3351	0	8.9125
NE+5.00	B45	50	DISX-COMB Max	4.2768	0	39.3733	0	4.3351	0	31.0265
NE+5.00	B45	50	DISX-COMB Max	4.5733	0	39.3733	0	4.3351	0	42.6889
NE+5.00	B45	50	DISX-COMB Max	4.5733	0	40.2568	0	4.3351	0	42.2281
NE+5.00	B45	50	DISX-COMB Max	4.8414	0	40.2568	0	4.3351	0	53.004
NE+5.00	B45	50	DISX-COMB Max	5.4059	0	40.2568	0	4.3351	0	75.7143
NE+5.00	B45	50	DISX-COMB Max	5.9705	0	40.2568	0	4.3351	0	98.4321
NE+5.00	B45	50	DISX-COMB Max	6.535	0	40.2568	0	4.3351	0	121.1533
NE+5.00	B45	50	DISY-COMB Max	0.325	0	59.0199	0	0.516	0	184.978
NE+5.00	B45	50	DISY-COMB Max	0.8895	0	59.0199	0	0.516	0	151.6586
NE+5.00	B45	50	DISY-COMB Max	1.4541	0	59.0199	0	0.516	0	118.3393
NE+5.00	B45	50	DISY-COMB Max	2.0186	0	59.0199	0	0.516	0	85.02
NE+5.00	B45	50	DISY-COMB Max	2.2867	0	59.0199	0	0.516	0	69.201
NE+5.00	B45	50	DISY-COMB Max	2.2867	0	59.0533	0	0.516	0	69.1667
NE+5.00	B45	50	DISY-COMB Max	2.5832	0	59.0533	0	0.516	0	51.6566
NE+5.00	B45	50	DISY-COMB Max	3.1477	0	59.0533	0	0.516	0	18.3191
NE+5.00	B45	50	DISY-COMB Max	3.7123	0	59.0533	0	0.516	0	15.0216
NE+5.00	B45	50	DISY-COMB Max	4.2768	0	59.0533	0	0.516	0	48.359
NE+5.00	B45	50	DISY-COMB Max	4.5733	0	59.0533	0	0.516	0	65.8691
NE+5.00	B45	50	DISY-COMB Max	4.5733	0	59.0897	0	0.516	0	65.9614
NE+5.00	B45	50	DISY-COMB Max	4.8414	0	59.0897	0	0.516	0	81.7992
NE+5.00	B45	50	DISY-COMB Max	5.4059	0	59.0897	0	0.516	0	115.158
NE+5.00	B45	50	DISY-COMB Max	5.9705	0	59.0897	0	0.516	0	148.5168
NE+5.00	B45	50	DISY-COMB Max	6.535	0	59.0897	0	0.516	0	181.8757
NE+5.00	B45	50	B241	0.325	0	-109.1933	0	3.7456	0	-118.5407
NE+5.00	B45	50	B241	0.8895	0	-103.0877	0	3.7456	0	-58.4894
NE+5.00	B45	50	B241	1.4541	0	-95.0538	0	3.7456	0	-2.5791
NE+5.00	B45	50	B241	2.0186	0	-89.2274	0	3.7456	0	49.3083
NE+5.00	B45	50	B241	2.2867	0	-87.4296	0	3.7456	0	72.9691
NE+5.00	B45	50	B241	2.2867	0	-18.7698	0	3.7456	0	75.8114
NE+5.00	B45	50	B241	2.5832	0	-16.7444	0	3.7456	0	81.0955
NE+5.00	B45	50	B241	3.1477	0	-10.7783	0	3.7456	0	88.9945
NE+5.00	B45	50	B241	3.7123	0	-2.7375	0	3.7456	0	92.8097
NE+5.00	B45	50	B241	4.2768	0	3.2286	0	3.7456	0	92.5409
NE+5.00	B45	50	B241	4.5733	0	5.254	0	3.7456	0	91.2645
NE+5.00	B45	50	B241	4.5733	0	73.7403	0	3.7456	0	88.4263
NE+5.00	B45	50	B241	4.8414	0	75.5381	0	3.7456	0	68.4346
NE+5.00	B45	50	B241	5.4059	0	81.3645	0	3.7456	0	24.2755
NE+5.00	B45	50	B241	5.9705	0	89.3983	0	3.7456	0	-23.9066
NE+5.00	B45	50	B241	6.535	0	95.504	0	3.7456	0	-76.2296

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B45	50	B242	0.325	0	-153.7436	0	5.7261	0	-167.1729
NE+5.00	B45	50	B242	0.8895	0	-145.7675	0	5.7261	0	-82.3975
NE+5.00	B45	50	B242	1.4541	0	-134.3616	0	5.7261	0	-3.3596
NE+5.00	B45	50	B242	2.0186	0	-126.8821	0	5.7261	0	70.1508
NE+5.00	B45	50	B242	2.2867	0	-125.0538	0	5.7261	0	103.8893
NE+5.00	B45	50	B242	2.2867	0	-24.1856	0	5.7261	0	106.8142
NE+5.00	B45	50	B242	2.5832	0	-22.0979	0	5.7261	0	113.7096
NE+5.00	B45	50	B242	3.1477	0	-14.3701	0	5.7261	0	124.235
NE+5.00	B45	50	B242	3.7123	0	-2.9516	0	5.7261	0	129.1245
NE+5.00	B45	50	B242	4.2768	0	4.7761	0	5.7261	0	128.378
NE+5.00	B45	50	B242	4.5733	0	6.8639	0	5.7261	0	126.6187
NE+5.00	B45	50	B242	4.5733	0	107.4867	0	5.7261	0	123.812
NE+5.00	B45	50	B242	4.8414	0	109.315	0	5.7261	0	94.7821
NE+5.00	B45	50	B242	5.4059	0	116.7945	0	5.7261	0	31.189
NE+5.00	B45	50	B242	5.9705	0	128.2004	0	5.7261	0	-37.9314
NE+5.00	B45	50	B242	6.535	0	136.1765	0	5.7261	0	-112.7893
NE+5.00	B46	51	Pprop	0.225	0	-15.924	0	0.4013	0	-17.1205
NE+5.00	B46	51	Pprop	0.9145	0	-12.975	0	0.4013	0	-7.157
NE+5.00	B46	51	Pprop	1.6041	0	-10.0259	0	0.4013	0	0.7731
NE+5.00	B46	51	Pprop	2.2936	0	-7.0769	0	0.4013	0	6.6697
NE+5.00	B46	51	Pprop	2.9832	0	-4.1278	0	0.4013	0	10.5328
NE+5.00	B46	51	Pprop	3.6727	0	-1.1788	0	0.4013	0	12.3624
NE+5.00	B46	51	Pprop	4.3623	0	1.7703	0	0.4013	0	12.1584
NE+5.00	B46	51	Pprop	5.0518	0	4.7193	0	0.4013	0	9.921
NE+5.00	B46	51	Pprop	5.7414	0	7.6684	0	0.4013	0	5.6501
NE+5.00	B46	51	Pprop	6.4309	0	10.6174	0	0.4013	0	-0.6544
NE+5.00	B46	51	Pprop	7.1205	0	13.5665	0	0.4013	0	-8.9923
NE+5.00	B46	51	Pprop	7.81	0	16.5155	0	0.4013	0	-19.3638
NE+5.00	B46	51	Viva	0.225	0	-8.0979	0	0.6302	0	-10.8777
NE+5.00	B46	51	Viva	0.9145	0	-7.3121	0	0.6302	0	-5.5101
NE+5.00	B46	51	Viva	1.6041	0	-5.7877	0	0.6302	0	-0.9796
NE+5.00	B46	51	Viva	2.2936	0	-4.2109	0	0.6302	0	2.4677
NE+5.00	B46	51	Viva	2.9832	0	-2.6342	0	0.6302	0	4.8277
NE+5.00	B46	51	Viva	3.6727	0	-1.0574	0	0.6302	0	6.1004
NE+5.00	B46	51	Viva	4.3623	0	0.5193	0	0.6302	0	6.2859
NE+5.00	B46	51	Viva	5.0518	0	2.0961	0	0.6302	0	5.3842
NE+5.00	B46	51	Viva	5.7414	0	3.6729	0	0.6302	0	3.3952
NE+5.00	B46	51	Viva	6.4309	0	5.2496	0	0.6302	0	0.319
NE+5.00	B46	51	Viva	7.1205	0	6.8027	0	0.6302	0	-3.8433
NE+5.00	B46	51	Viva	7.81	0	7.6919	0	0.6302	0	-8.8953
NE+5.00	B46	51	Psup	0.225	0	-26.1962	0	1.8821	0	-31.9524
NE+5.00	B46	51	Psup	0.9145	0	-23.5654	0	1.8821	0	-14.613
NE+5.00	B46	51	Psup	1.6041	0	-18.4617	0	1.8821	0	-0.0761
NE+5.00	B46	51	Psup	2.2936	0	-13.1827	0	1.8821	0	10.834
NE+5.00	B46	51	Psup	2.9832	0	-7.9037	0	1.8821	0	18.104

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B46	51	Psup	3.6727	0	-2.6247	0	1.8821	0	21.7339
NE+5.00	B46	51	Psup	4.3623	0	2.6543	0	1.8821	0	21.7237
NE+5.00	B46	51	Psup	5.0518	0	7.9333	0	1.8821	0	18.0734
NE+5.00	B46	51	Psup	5.7414	0	13.2123	0	1.8821	0	10.783
NE+5.00	B46	51	Psup	6.4309	0	18.4913	0	1.8821	0	-0.1475
NE+5.00	B46	51	Psup	7.1205	0	23.6911	0	1.8821	0	-14.7141
NE+5.00	B46	51	Psup	7.81	0	26.6681	0	1.8821	0	-32.2595
NE+5.00	B46	51	Viva.cub	0.225	0	0.0104	0	-0.006	0	0.0998
NE+5.00	B46	51	Viva.cub	0.9145	0	0.0104	0	-0.006	0	0.0926
NE+5.00	B46	51	Viva.cub	1.6041	0	0.0104	0	-0.006	0	0.0854
NE+5.00	B46	51	Viva.cub	2.2936	0	0.0104	0	-0.006	0	0.0782
NE+5.00	B46	51	Viva.cub	2.9832	0	0.0104	0	-0.006	0	0.0711
NE+5.00	B46	51	Viva.cub	3.6727	0	0.0104	0	-0.006	0	0.0639
NE+5.00	B46	51	Viva.cub	4.3623	0	0.0104	0	-0.006	0	0.0567
NE+5.00	B46	51	Viva.cub	5.0518	0	0.0104	0	-0.006	0	0.0495
NE+5.00	B46	51	Viva.cub	5.7414	0	0.0104	0	-0.006	0	0.0423
NE+5.00	B46	51	Viva.cub	6.4309	0	0.0104	0	-0.006	0	0.0351
NE+5.00	B46	51	Viva.cub	7.1205	0	0.0104	0	-0.006	0	0.0279
NE+5.00	B46	51	Viva.cub	7.81	0	0.0104	0	-0.006	0	0.0208
NE+5.00	B46	51	DISX-COMB Max	0.225	0	38.9899	0	2.9208	0	154.2244
NE+5.00	B46	51	DISX-COMB Max	0.9145	0	38.9899	0	2.9208	0	127.3397
NE+5.00	B46	51	DISX-COMB Max	1.6041	0	38.9899	0	2.9208	0	100.4554
NE+5.00	B46	51	DISX-COMB Max	2.2936	0	38.9899	0	2.9208	0	73.5719
NE+5.00	B46	51	DISX-COMB Max	2.9832	0	38.9899	0	2.9208	0	46.6903
NE+5.00	B46	51	DISX-COMB Max	3.6727	0	38.9899	0	2.9208	0	19.819
NE+5.00	B46	51	DISX-COMB Max	4.3623	0	38.9899	0	2.9208	0	7.1583
NE+5.00	B46	51	DISX-COMB Max	5.0518	0	38.9899	0	2.9208	0	33.9901
NE+5.00	B46	51	DISX-COMB Max	5.7414	0	38.9899	0	2.9208	0	60.8691
NE+5.00	B46	51	DISX-COMB Max	6.4309	0	38.9899	0	2.9208	0	87.752
NE+5.00	B46	51	DISX-COMB Max	7.1205	0	38.9899	0	2.9208	0	114.636
NE+5.00	B46	51	DISX-COMB Max	7.81	0	38.9899	0	2.9208	0	141.5206
NE+5.00	B46	51	DISY-COMB Max	0.225	0	1.7772	0	0.9241	0	6.6738
NE+5.00	B46	51	DISY-COMB Max	0.9145	0	1.7772	0	0.9241	0	5.4534
NE+5.00	B46	51	DISY-COMB Max	1.6041	0	1.7772	0	0.9241	0	4.2359
NE+5.00	B46	51	DISY-COMB Max	2.2936	0	1.7772	0	0.9241	0	3.0249
NE+5.00	B46	51	DISY-COMB Max	2.9832	0	1.7772	0	0.9241	0	1.8332
NE+5.00	B46	51	DISY-COMB Max	3.6727	0	1.7772	0	0.9241	0	0.7581
NE+5.00	B46	51	DISY-COMB Max	4.3623	0	1.7772	0	0.9241	0	0.8901
NE+5.00	B46	51	DISY-COMB Max	5.0518	0	1.7772	0	0.9241	0	2.0033
NE+5.00	B46	51	DISY-COMB Max	5.7414	0	1.7772	0	0.9241	0	3.1996
NE+5.00	B46	51	DISY-COMB Max	6.4309	0	1.7772	0	0.9241	0	4.412
NE+5.00	B46	51	DISY-COMB Max	7.1205	0	1.7772	0	0.9241	0	5.63
NE+5.00	B46	51	DISY-COMB Max	7.81	0	1.7772	0	0.9241	0	6.8507
NE+5.00	B46	51	B241	0.225	0	-54.6003	0	2.9601	0	-63.613
NE+5.00	B46	51	B241	0.9145	0	-47.3672	0	2.9601	0	-28.2203

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B46	51	B241	1.6041	0	-36.9284	0	2.9601	0	0.9035
NE+5.00	B46	51	B241	2.2936	0	-26.2624	0	2.9601	0	22.69
NE+5.00	B46	51	B241	2.9832	0	-15.5964	0	2.9601	0	37.1218
NE+5.00	B46	51	B241	3.6727	0	-4.9304	0	2.9601	0	44.1989
NE+5.00	B46	51	B241	4.3623	0	5.7355	0	2.9601	0	43.9213
NE+5.00	B46	51	B241	5.0518	0	16.4015	0	2.9601	0	36.2891
NE+5.00	B46	51	B241	5.7414	0	27.0675	0	2.9601	0	21.3021
NE+5.00	B46	51	B241	6.4309	0	37.7335	0	2.9601	0	-1.0395
NE+5.00	B46	51	B241	7.1205	0	48.2968	0	2.9601	0	-30.7305
NE+5.00	B46	51	B241	7.81	0	55.9788	0	2.9601	0	-66.919
NE+5.00	B46	51	B242	0.225	0	-59.7516	0	3.5426	0	-71.8799
NE+5.00	B46	51	B242	0.9145	0	-52.2946	0	3.5426	0	-32.9587
NE+5.00	B46	51	B242	1.6041	0	-40.908	0	3.5426	0	-0.7502
NE+5.00	B46	51	B242	2.2936	0	-29.2429	0	3.5426	0	23.4359
NE+5.00	B46	51	B242	2.9832	0	-17.5778	0	3.5426	0	39.5785
NE+5.00	B46	51	B242	3.6727	0	-5.9128	0	3.5426	0	47.6774
NE+5.00	B46	51	B242	4.3623	0	5.7523	0	3.5426	0	47.7327
NE+5.00	B46	51	B242	5.0518	0	17.4174	0	3.5426	0	39.7444
NE+5.00	B46	51	B242	5.7414	0	29.0825	0	3.5426	0	23.7125
NE+5.00	B46	51	B242	6.4309	0	40.7476	0	3.5426	0	-0.363
NE+5.00	B46	51	B242	7.1205	0	52.2869	0	3.5426	0	-32.4757
NE+5.00	B46	51	B242	7.81	0	60.2941	0	3.5426	0	-71.5813
NE+5.00	B47	52	Pprop	0.3	0	-16.407	0	-0.1883	0	-19.3554
NE+5.00	B47	52	Pprop	1.0032	0	-13.3996	0	-0.1883	0	-8.8757
NE+5.00	B47	52	Pprop	1.7064	0	-10.3922	0	-0.1883	0	-0.5107
NE+5.00	B47	52	Pprop	2.4095	0	-7.3849	0	-0.1883	0	5.7396
NE+5.00	B47	52	Pprop	3.1127	0	-4.3775	0	-0.1883	0	9.8752
NE+5.00	B47	52	Pprop	3.8159	0	-1.3701	0	-0.1883	0	11.896
NE+5.00	B47	52	Pprop	4.5191	0	1.6372	0	-0.1883	0	11.8021
NE+5.00	B47	52	Pprop	5.2223	0	4.6446	0	-0.1883	0	9.5934
NE+5.00	B47	52	Pprop	5.9255	0	7.652	0	-0.1883	0	5.2701
NE+5.00	B47	52	Pprop	6.6286	0	10.6593	0	-0.1883	0	-1.168
NE+5.00	B47	52	Pprop	7.3318	0	13.6667	0	-0.1883	0	-9.7208
NE+5.00	B47	52	Pprop	8.035	0	16.6741	0	-0.1883	0	-20.3884
NE+5.00	B47	52	Viva	0.3	0	-8.1193	0	-0.1694	0	-10.5085
NE+5.00	B47	52	Viva	1.0032	0	-7.2029	0	-0.1694	0	-5.0634
NE+5.00	B47	52	Viva	1.7064	0	-5.6146	0	-0.1694	0	-0.5509
NE+5.00	B47	52	Viva	2.4095	0	-4.0066	0	-0.1694	0	2.8319
NE+5.00	B47	52	Viva	3.1127	0	-2.3987	0	-0.1694	0	5.0839
NE+5.00	B47	52	Viva	3.8159	0	-0.7908	0	-0.1694	0	6.2053
NE+5.00	B47	52	Viva	4.5191	0	0.8172	0	-0.1694	0	6.196
NE+5.00	B47	52	Viva	5.2223	0	2.4251	0	-0.1694	0	5.056
NE+5.00	B47	52	Viva	5.9255	0	4.0331	0	-0.1694	0	2.7854
NE+5.00	B47	52	Viva	6.6286	0	5.641	0	-0.1694	0	-0.6159
NE+5.00	B47	52	Viva	7.3318	0	7.2027	0	-0.1694	0	-5.1446

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B47	52	Viva	8.035	0	8.0136	0	-0.1694	0	-10.5524
NE+5.00	B47	52	Psup	0.3	0	-27.1494	0	-0.8056	0	-34.9851
NE+5.00	B47	52	Psup	1.0032	0	-24.0814	0	-0.8056	0	-16.7788
NE+5.00	B47	52	Psup	1.7064	0	-18.7638	0	-0.8056	0	-1.6947
NE+5.00	B47	52	Psup	2.4095	0	-13.3804	0	-0.8056	0	9.6069
NE+5.00	B47	52	Psup	3.1127	0	-7.997	0	-0.8056	0	17.123
NE+5.00	B47	52	Psup	3.8159	0	-2.6136	0	-0.8056	0	20.8536
NE+5.00	B47	52	Psup	4.5191	0	2.7698	0	-0.8056	0	20.7987
NE+5.00	B47	52	Psup	5.2223	0	8.1532	0	-0.8056	0	16.9583
NE+5.00	B47	52	Psup	5.9255	0	13.5366	0	-0.8056	0	9.3323
NE+5.00	B47	52	Psup	6.6286	0	18.9199	0	-0.8056	0	-2.0791
NE+5.00	B47	52	Psup	7.3318	0	24.1484	0	-0.8056	0	-17.2649
NE+5.00	B47	52	Psup	8.035	0	26.8632	0	-0.8056	0	-35.3941
NE+5.00	B47	52	Viva.cub	0.3	0	-0.0178	0	0.005	0	-0.0777
NE+5.00	B47	52	Viva.cub	1.0032	0	-0.0178	0	0.005	0	-0.0652
NE+5.00	B47	52	Viva.cub	1.7064	0	-0.0178	0	0.005	0	-0.0527
NE+5.00	B47	52	Viva.cub	2.4095	0	-0.0178	0	0.005	0	-0.0402
NE+5.00	B47	52	Viva.cub	3.1127	0	-0.0178	0	0.005	0	-0.0276
NE+5.00	B47	52	Viva.cub	3.8159	0	-0.0178	0	0.005	0	-0.0151
NE+5.00	B47	52	Viva.cub	4.5191	0	-0.0178	0	0.005	0	-0.0026
NE+5.00	B47	52	Viva.cub	5.2223	0	-0.0178	0	0.005	0	0.0099
NE+5.00	B47	52	Viva.cub	5.9255	0	-0.0178	0	0.005	0	0.0225
NE+5.00	B47	52	Viva.cub	6.6286	0	-0.0178	0	0.005	0	0.035
NE+5.00	B47	52	Viva.cub	7.3318	0	-0.0178	0	0.005	0	0.0475
NE+5.00	B47	52	Viva.cub	8.035	0	-0.0178	0	0.005	0	0.06
NE+5.00	B47	52	DISX-COMB Max	0.3	0	33.3424	0	2.3341	0	129.0667
NE+5.00	B47	52	DISX-COMB Max	1.0032	0	33.3424	0	2.3341	0	105.6213
NE+5.00	B47	52	DISX-COMB Max	1.7064	0	33.3424	0	2.3341	0	82.1762
NE+5.00	B47	52	DISX-COMB Max	2.4095	0	33.3424	0	2.3341	0	58.7316
NE+5.00	B47	52	DISX-COMB Max	3.1127	0	33.3424	0	2.3341	0	35.2884
NE+5.00	B47	52	DISX-COMB Max	3.8159	0	33.3424	0	2.3341	0	11.8557
NE+5.00	B47	52	DISX-COMB Max	4.5191	0	33.3424	0	2.3341	0	11.6297
NE+5.00	B47	52	DISX-COMB Max	5.2223	0	33.3424	0	2.3341	0	35.0621
NE+5.00	B47	52	DISX-COMB Max	5.9255	0	33.3424	0	2.3341	0	58.5052
NE+5.00	B47	52	DISX-COMB Max	6.6286	0	33.3424	0	2.3341	0	81.9499
NE+5.00	B47	52	DISX-COMB Max	7.3318	0	33.3424	0	2.3341	0	105.395
NE+5.00	B47	52	DISX-COMB Max	8.035	0	33.3424	0	2.3341	0	128.8404
NE+5.00	B47	52	DISY-COMB Max	0.3	0	1.7787	0	0.7603	0	6.8208
NE+5.00	B47	52	DISY-COMB Max	1.0032	0	1.7787	0	0.7603	0	5.5701
NE+5.00	B47	52	DISY-COMB Max	1.7064	0	1.7787	0	0.7603	0	4.3195
NE+5.00	B47	52	DISY-COMB Max	2.4095	0	1.7787	0	0.7603	0	3.0691
NE+5.00	B47	52	DISY-COMB Max	3.1127	0	1.7787	0	0.7603	0	1.8191
NE+5.00	B47	52	DISY-COMB Max	3.8159	0	1.7787	0	0.7603	0	0.5724
NE+5.00	B47	52	DISY-COMB Max	4.5191	0	1.7787	0	0.7603	0	0.6891
NE+5.00	B47	52	DISY-COMB Max	5.2223	0	1.7787	0	0.7603	0	1.9367

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B47	52	DISY-COMB Max	5.9255	0	1.7787	0	0.7603	0	3.1868
NE+5.00	B47	52	DISY-COMB Max	6.6286	0	1.7787	0	0.7603	0	4.4373
NE+5.00	B47	52	DISY-COMB Max	7.3318	0	1.7787	0	0.7603	0	5.6879
NE+5.00	B47	52	DISY-COMB Max	8.035	0	1.7787	0	0.7603	0	6.9385
NE+5.00	B47	52	B241	0.3	0	-56.462	0	-1.2884	0	-70.4413
NE+5.00	B47	52	B241	1.0032	0	-48.5865	0	-1.2884	0	-33.2557
NE+5.00	B47	52	B241	1.7064	0	-37.7948	0	-1.2884	0	-2.8588
NE+5.00	B47	52	B241	2.4095	0	-26.9179	0	-1.2884	0	19.8936
NE+5.00	B47	52	B241	3.1127	0	-16.041	0	-1.2884	0	34.9976
NE+5.00	B47	52	B241	3.8159	0	-5.1641	0	-1.2884	0	42.4531
NE+5.00	B47	52	B241	4.5191	0	5.7128	0	-1.2884	0	42.2602
NE+5.00	B47	52	B241	5.2223	0	16.5897	0	-1.2884	0	34.4188
NE+5.00	B47	52	B241	5.9255	0	27.4666	0	-1.2884	0	18.929
NE+5.00	B47	52	B241	6.6286	0	38.3435	0	-1.2884	0	-4.2092
NE+5.00	B47	52	B241	7.3318	0	49.0195	0	-1.2884	0	-34.9815
NE+5.00	B47	52	B241	8.035	0	56.4373	0	-1.2884	0	-72.3106
NE+5.00	B47	52	B242	0.3	0	-61.3957	0	-1.3729	0	-77.2307
NE+5.00	B47	52	B242	1.0032	0	-53.1791	0	-1.3729	0	-36.6389
NE+5.00	B47	52	B242	1.7064	0	-41.3878	0	-1.3729	0	-3.3582
NE+5.00	B47	52	B242	2.4095	0	-29.4921	0	-1.3729	0	21.5625
NE+5.00	B47	52	B242	3.1127	0	-17.5963	0	-1.3729	0	38.1184
NE+5.00	B47	52	B242	3.8159	0	-5.7005	0	-1.3729	0	46.3093
NE+5.00	B47	52	B242	4.5191	0	6.1953	0	-1.3729	0	46.1354
NE+5.00	B47	52	B242	5.2223	0	18.091	0	-1.3729	0	37.5965
NE+5.00	B47	52	B242	5.9255	0	29.9868	0	-1.3729	0	20.6928
NE+5.00	B47	52	B242	6.6286	0	41.8826	0	-1.3729	0	-4.5758
NE+5.00	B47	52	B242	7.3318	0	53.5321	0	-1.3729	0	-38.1917
NE+5.00	B47	52	B242	8.035	0	61.1876	0	-1.3729	0	-78.8344
NE+5.00	B48	53	Pprop	0.225	0	-16.2708	0	-0.0556	0	-19.3565
NE+5.00	B48	53	Pprop	0.9114	0	-13.3354	0	-0.0556	0	-9.1962
NE+5.00	B48	53	Pprop	1.5977	0	-10.4	0	-0.0556	0	-1.0506
NE+5.00	B48	53	Pprop	2.2841	0	-7.4645	0	-0.0556	0	5.0801
NE+5.00	B48	53	Pprop	2.9705	0	-4.5291	0	-0.0556	0	9.1961
NE+5.00	B48	53	Pprop	3.6568	0	-1.5936	0	-0.0556	0	11.2973
NE+5.00	B48	53	Pprop	4.3432	0	1.3418	0	-0.0556	0	11.3837
NE+5.00	B48	53	Pprop	5.0295	0	4.2772	0	-0.0556	0	9.4554
NE+5.00	B48	53	Pprop	5.7159	0	7.2127	0	-0.0556	0	5.5123
NE+5.00	B48	53	Pprop	6.4023	0	10.1481	0	-0.0556	0	-0.4457
NE+5.00	B48	53	Pprop	7.0886	0	13.0836	0	-0.0556	0	-8.4183
NE+5.00	B48	53	Pprop	7.775	0	16.019	0	-0.0556	0	-18.4058
NE+5.00	B48	53	Viva	0.225	0	-7.8507	0	-0.0604	0	-10.078
NE+5.00	B48	53	Viva	0.9114	0	-7.0707	0	-0.0604	0	-4.9034
NE+5.00	B48	53	Viva	1.5977	0	-5.555	0	-0.0604	0	-0.5561
NE+5.00	B48	53	Viva	2.2841	0	-3.9856	0	-0.0604	0	2.718
NE+5.00	B48	53	Viva	2.9705	0	-2.4161	0	-0.0604	0	4.9149

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B48	53	Viva	3.6568	0	-0.8466	0	-0.0604	0	6.0346
NE+5.00	B48	53	Viva	4.3432	0	0.7229	0	-0.0604	0	6.0771
NE+5.00	B48	53	Viva	5.0295	0	2.2924	0	-0.0604	0	5.0423
NE+5.00	B48	53	Viva	5.7159	0	3.8619	0	-0.0604	0	2.9302
NE+5.00	B48	53	Viva	6.4023	0	5.4314	0	-0.0604	0	-0.259
NE+5.00	B48	53	Viva	7.0886	0	6.947	0	-0.0604	0	-4.5214
NE+5.00	B48	53	Viva	7.775	0	7.727	0	-0.0604	0	-9.6111
NE+5.00	B48	53	Psup	0.225	0	-26.3702	0	-0.2682	0	-33.9966
NE+5.00	B48	53	Psup	0.9114	0	-23.7589	0	-0.2682	0	-16.6127
NE+5.00	B48	53	Psup	1.5977	0	-18.6844	0	-0.2682	0	-1.9991
NE+5.00	B48	53	Psup	2.2841	0	-13.4298	0	-0.2682	0	9.0219
NE+5.00	B48	53	Psup	2.9705	0	-8.1751	0	-0.2682	0	16.4363
NE+5.00	B48	53	Psup	3.6568	0	-2.9205	0	-0.2682	0	20.2442
NE+5.00	B48	53	Psup	4.3432	0	2.3341	0	-0.2682	0	20.4454
NE+5.00	B48	53	Psup	5.0295	0	7.5888	0	-0.2682	0	17.04
NE+5.00	B48	53	Psup	5.7159	0	12.8434	0	-0.2682	0	10.0281
NE+5.00	B48	53	Psup	6.4023	0	18.098	0	-0.2682	0	-0.5905
NE+5.00	B48	53	Psup	7.0886	0	23.1725	0	-0.2682	0	-14.8017
NE+5.00	B48	53	Psup	7.775	0	25.7838	0	-0.2682	0	-31.783
NE+5.00	B48	53	Viva.cub	0.225	0	-0.0076	0	0.0004	0	-0.038
NE+5.00	B48	53	Viva.cub	0.9114	0	-0.0076	0	0.0004	0	-0.0328
NE+5.00	B48	53	Viva.cub	1.5977	0	-0.0076	0	0.0004	0	-0.0276
NE+5.00	B48	53	Viva.cub	2.2841	0	-0.0076	0	0.0004	0	-0.0224
NE+5.00	B48	53	Viva.cub	2.9705	0	-0.0076	0	0.0004	0	-0.0171
NE+5.00	B48	53	Viva.cub	3.6568	0	-0.0076	0	0.0004	0	-0.0119
NE+5.00	B48	53	Viva.cub	4.3432	0	-0.0076	0	0.0004	0	-0.0067
NE+5.00	B48	53	Viva.cub	5.0295	0	-0.0076	0	0.0004	0	-0.0015
NE+5.00	B48	53	Viva.cub	5.7159	0	-0.0076	0	0.0004	0	0.0037
NE+5.00	B48	53	Viva.cub	6.4023	0	-0.0076	0	0.0004	0	0.0089
NE+5.00	B48	53	Viva.cub	7.0886	0	-0.0076	0	0.0004	0	0.0142
NE+5.00	B48	53	Viva.cub	7.775	0	-0.0076	0	0.0004	0	0.0194
NE+5.00	B48	53	DISX-COMB Max	0.225	0	33.7541	0	2.5353	0	128.3971
NE+5.00	B48	53	DISX-COMB Max	0.9114	0	33.7541	0	2.5353	0	105.2295
NE+5.00	B48	53	DISX-COMB Max	1.5977	0	33.7541	0	2.5353	0	82.062
NE+5.00	B48	53	DISX-COMB Max	2.2841	0	33.7541	0	2.5353	0	58.8945
NE+5.00	B48	53	DISX-COMB Max	2.9705	0	33.7541	0	2.5353	0	35.7272
NE+5.00	B48	53	DISX-COMB Max	3.6568	0	33.7541	0	2.5353	0	12.5608
NE+5.00	B48	53	DISX-COMB Max	4.3432	0	33.7541	0	2.5353	0	10.6107
NE+5.00	B48	53	DISX-COMB Max	5.0295	0	33.7541	0	2.5353	0	33.7768
NE+5.00	B48	53	DISX-COMB Max	5.7159	0	33.7541	0	2.5353	0	56.9441
NE+5.00	B48	53	DISX-COMB Max	6.4023	0	33.7541	0	2.5353	0	80.1116
NE+5.00	B48	53	DISX-COMB Max	7.0886	0	33.7541	0	2.5353	0	103.2791
NE+5.00	B48	53	DISX-COMB Max	7.775	0	33.7541	0	2.5353	0	126.4466
NE+5.00	B48	53	DISY-COMB Max	0.225	0	1.873	0	0.6055	0	7.1411
NE+5.00	B48	53	DISY-COMB Max	0.9114	0	1.873	0	0.6055	0	5.8555

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B48	53	DISY-COMB Max	1.5977	0	1.873	0	0.6055	0	4.57
NE+5.00	B48	53	DISY-COMB Max	2.2841	0	1.873	0	0.6055	0	3.2845
NE+5.00	B48	53	DISY-COMB Max	2.9705	0	1.873	0	0.6055	0	1.999
NE+5.00	B48	53	DISY-COMB Max	3.6568	0	1.873	0	0.6055	0	0.7141
NE+5.00	B48	53	DISY-COMB Max	4.3432	0	1.873	0	0.6055	0	0.5737
NE+5.00	B48	53	DISY-COMB Max	5.0295	0	1.873	0	0.6055	0	1.8584
NE+5.00	B48	53	DISY-COMB Max	5.7159	0	1.873	0	0.6055	0	3.1438
NE+5.00	B48	53	DISY-COMB Max	6.4023	0	1.873	0	0.6055	0	4.4293
NE+5.00	B48	53	DISY-COMB Max	7.0886	0	1.873	0	0.6055	0	5.7149
NE+5.00	B48	53	DISY-COMB Max	7.775	0	1.873	0	0.6055	0	7.0004
NE+5.00	B48	53	B241	0.225	0	-55.2754	0	-0.4197	0	-69.1614
NE+5.00	B48	53	B241	0.9114	0	-48.0852	0	-0.4197	0	-33.456
NE+5.00	B48	53	B241	1.5977	0	-37.702	0	-0.4197	0	-3.9534
NE+5.00	B48	53	B241	2.2841	0	-27.0852	0	-0.4197	0	18.2804
NE+5.00	B48	53	B241	2.9705	0	-16.4684	0	-0.4197	0	33.2272
NE+5.00	B48	53	B241	3.6568	0	-5.8517	0	-0.4197	0	40.8871
NE+5.00	B48	53	B241	4.3432	0	4.7651	0	-0.4197	0	41.26
NE+5.00	B48	53	B241	5.0295	0	15.3819	0	-0.4197	0	34.3459
NE+5.00	B48	53	B241	5.7159	0	25.9986	0	-0.4197	0	20.1449
NE+5.00	B48	53	B241	6.4023	0	36.6154	0	-0.4197	0	-1.3431
NE+5.00	B48	53	B241	7.0886	0	46.9986	0	-0.4197	0	-30.1
NE+5.00	B48	53	B241	7.775	0	54.1888	0	-0.4197	0	-65.0596
NE+5.00	B48	53	B242	0.225	0	-59.9438	0	-0.4563	0	-75.425
NE+5.00	B48	53	B242	0.9114	0	-52.5328	0	-0.4563	0	-36.5384
NE+5.00	B48	53	B242	1.5977	0	-41.2078	0	-0.4563	0	-4.2922
NE+5.00	B48	53	B242	2.2841	0	-29.5966	0	-0.4563	0	20.0066
NE+5.00	B48	53	B242	2.9705	0	-17.9853	0	-0.4563	0	36.3358
NE+5.00	B48	53	B242	3.6568	0	-6.374	0	-0.4563	0	44.6955
NE+5.00	B48	53	B242	4.3432	0	5.2372	0	-0.4563	0	45.0856
NE+5.00	B48	53	B242	5.0295	0	16.8485	0	-0.4563	0	37.5062
NE+5.00	B48	53	B242	5.7159	0	28.4597	0	-0.4563	0	21.9573
NE+5.00	B48	53	B242	6.4023	0	40.071	0	-0.4563	0	-1.5613
NE+5.00	B48	53	B242	7.0886	0	51.396	0	-0.4563	0	-33.0272
NE+5.00	B48	53	B242	7.775	0	58.807	0	-0.4563	0	-71.1335
NE+5.00	B49	54	Pprop	0.225	0	-13.4742	0	0.0924	0	-13.5651
NE+5.00	B49	54	Pprop	0.8014	0	-11.0092	0	0.0924	0	-6.5094
NE+5.00	B49	54	Pprop	1.3777	0	-8.5442	0	0.0924	0	-0.8744
NE+5.00	B49	54	Pprop	1.9541	0	-6.0793	0	0.0924	0	3.3398
NE+5.00	B49	54	Pprop	2.5305	0	-3.6143	0	0.0924	0	6.1333
NE+5.00	B49	54	Pprop	3.1068	0	-1.1493	0	0.0924	0	7.5061
NE+5.00	B49	54	Pprop	3.6832	0	1.3157	0	0.0924	0	7.4581
NE+5.00	B49	54	Pprop	4.2595	0	3.7807	0	0.0924	0	5.9894
NE+5.00	B49	54	Pprop	4.8359	0	6.2457	0	0.0924	0	3.1
NE+5.00	B49	54	Pprop	5.4123	0	8.7107	0	0.0924	0	-1.2102
NE+5.00	B49	54	Pprop	5.9886	0	11.1757	0	0.0924	0	-6.9411

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B49	54	Pprop	6.565	0	13.6407	0	0.0924	0	-14.0927
NE+5.00	B49	54	Viva	0.225	0	-6.1345	0	0.2703	0	-6.6429
NE+5.00	B49	54	Viva	0.8014	0	-5.5429	0	0.2703	0	-3.2457
NE+5.00	B49	54	Viva	1.3777	0	-4.3419	0	0.2703	0	-0.3767
NE+5.00	B49	54	Viva	1.9541	0	-3.024	0	0.2703	0	1.746
NE+5.00	B49	54	Viva	2.5305	0	-1.706	0	0.2703	0	3.1091
NE+5.00	B49	54	Viva	3.1068	0	-0.3881	0	0.2703	0	3.7126
NE+5.00	B49	54	Viva	3.6832	0	0.9299	0	0.2703	0	3.5565
NE+5.00	B49	54	Viva	4.2595	0	2.2478	0	0.2703	0	2.6407
NE+5.00	B49	54	Viva	4.8359	0	3.5658	0	0.2703	0	0.9653
NE+5.00	B49	54	Viva	5.4123	0	4.8837	0	0.2703	0	-1.4697
NE+5.00	B49	54	Viva	5.9886	0	6.0847	0	0.2703	0	-4.6509
NE+5.00	B49	54	Viva	6.565	0	6.6763	0	0.2703	0	-8.3603
NE+5.00	B49	54	Psup	0.225	0	-21.2251	0	0.1508	0	-23.7234
NE+5.00	B49	54	Psup	0.8014	0	-19.2446	0	0.1508	0	-11.9539
NE+5.00	B49	54	Psup	1.3777	0	-15.2236	0	0.1508	0	-1.9526
NE+5.00	B49	54	Psup	1.9541	0	-10.8111	0	0.1508	0	5.5501
NE+5.00	B49	54	Psup	2.5305	0	-6.3986	0	0.1508	0	10.5096
NE+5.00	B49	54	Psup	3.1068	0	-1.9861	0	0.1508	0	12.9259
NE+5.00	B49	54	Psup	3.6832	0	2.4264	0	0.1508	0	12.799
NE+5.00	B49	54	Psup	4.2595	0	6.8389	0	0.1508	0	10.1289
NE+5.00	B49	54	Psup	4.8359	0	11.2514	0	0.1508	0	4.9156
NE+5.00	B49	54	Psup	5.4123	0	15.6639	0	0.1508	0	-2.8409
NE+5.00	B49	54	Psup	5.9886	0	19.6849	0	0.1508	0	-13.096
NE+5.00	B49	54	Psup	6.565	0	21.6654	0	0.1508	0	-25.1193
NE+5.00	B49	54	Viva.cub	0.225	0	-0.0467	0	-0.0002	0	-0.0987
NE+5.00	B49	54	Viva.cub	0.8014	0	-0.0467	0	-0.0002	0	-0.0718
NE+5.00	B49	54	Viva.cub	1.3777	0	-0.0467	0	-0.0002	0	-0.0448
NE+5.00	B49	54	Viva.cub	1.9541	0	-0.0467	0	-0.0002	0	-0.0179
NE+5.00	B49	54	Viva.cub	2.5305	0	-0.0467	0	-0.0002	0	0.009
NE+5.00	B49	54	Viva.cub	3.1068	0	-0.0467	0	-0.0002	0	0.036
NE+5.00	B49	54	Viva.cub	3.6832	0	-0.0467	0	-0.0002	0	0.0629
NE+5.00	B49	54	Viva.cub	4.2595	0	-0.0467	0	-0.0002	0	0.0899
NE+5.00	B49	54	Viva.cub	4.8359	0	-0.0467	0	-0.0002	0	0.1168
NE+5.00	B49	54	Viva.cub	5.4123	0	-0.0467	0	-0.0002	0	0.1438
NE+5.00	B49	54	Viva.cub	5.9886	0	-0.0467	0	-0.0002	0	0.1707
NE+5.00	B49	54	Viva.cub	6.565	0	-0.0467	0	-0.0002	0	0.1976
NE+5.00	B49	54	DISX-COMB Max	0.225	0	45.4475	0	2.4142	0	144.1048
NE+5.00	B49	54	DISX-COMB Max	0.8014	0	45.4475	0	2.4142	0	117.9105
NE+5.00	B49	54	DISX-COMB Max	1.3777	0	45.4475	0	2.4142	0	91.7163
NE+5.00	B49	54	DISX-COMB Max	1.9541	0	45.4475	0	2.4142	0	65.5221
NE+5.00	B49	54	DISX-COMB Max	2.5305	0	45.4475	0	2.4142	0	39.328
NE+5.00	B49	54	DISX-COMB Max	3.1068	0	45.4475	0	2.4142	0	13.1348
NE+5.00	B49	54	DISX-COMB Max	3.6832	0	45.4475	0	2.4142	0	13.0628
NE+5.00	B49	54	DISX-COMB Max	4.2595	0	45.4475	0	2.4142	0	39.256

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B49	54	DISX-COMB Max	4.8359	0	45.4475	0	2.4142	0	65.45
NE+5.00	B49	54	DISX-COMB Max	5.4123	0	45.4475	0	2.4142	0	91.6442
NE+5.00	B49	54	DISX-COMB Max	5.9886	0	45.4475	0	2.4142	0	117.8385
NE+5.00	B49	54	DISX-COMB Max	6.565	0	45.4475	0	2.4142	0	144.0327
NE+5.00	B49	54	DISY-COMB Max	0.225	0	2.5015	0	0.5964	0	7.9401
NE+5.00	B49	54	DISY-COMB Max	0.8014	0	2.5015	0	0.5964	0	6.4984
NE+5.00	B49	54	DISY-COMB Max	1.3777	0	2.5015	0	0.5964	0	5.0566
NE+5.00	B49	54	DISY-COMB Max	1.9541	0	2.5015	0	0.5964	0	3.6149
NE+5.00	B49	54	DISY-COMB Max	2.5305	0	2.5015	0	0.5964	0	2.1731
NE+5.00	B49	54	DISY-COMB Max	3.1068	0	2.5015	0	0.5964	0	0.7315
NE+5.00	B49	54	DISY-COMB Max	3.6832	0	2.5015	0	0.5964	0	0.7105
NE+5.00	B49	54	DISY-COMB Max	4.2595	0	2.5015	0	0.5964	0	2.1522
NE+5.00	B49	54	DISY-COMB Max	4.8359	0	2.5015	0	0.5964	0	3.5939
NE+5.00	B49	54	DISY-COMB Max	5.4123	0	2.5015	0	0.5964	0	5.0357
NE+5.00	B49	54	DISY-COMB Max	5.9886	0	2.5015	0	0.5964	0	6.4774
NE+5.00	B49	54	DISY-COMB Max	6.565	0	2.5015	0	0.5964	0	7.9192
NE+5.00	B49	54	B241	0.225	0	-44.9806	0	0.3152	0	-48.3369
NE+5.00	B49	54	B241	0.8014	0	-39.2179	0	0.3152	0	-23.9339
NE+5.00	B49	54	B241	1.3777	0	-30.8101	0	0.3152	0	-3.6647
NE+5.00	B49	54	B241	1.9541	0	-21.8949	0	0.3152	0	11.5239
NE+5.00	B49	54	B241	2.5305	0	-12.9796	0	0.3152	0	21.5741
NE+5.00	B49	54	B241	3.1068	0	-4.0643	0	0.3152	0	26.4859
NE+5.00	B49	54	B241	3.6832	0	4.8509	0	0.3152	0	26.2592
NE+5.00	B49	54	B241	4.2595	0	13.7662	0	0.3152	0	20.8941
NE+5.00	B49	54	B241	4.8359	0	22.6815	0	0.3152	0	10.3905
NE+5.00	B49	54	B241	5.4123	0	31.5967	0	0.3152	0	-5.2515
NE+5.00	B49	54	B241	5.9886	0	40.0045	0	0.3152	0	-25.974
NE+5.00	B49	54	B241	6.565	0	45.7672	0	0.3152	0	-50.8304
NE+5.00	B49	54	B242	0.225	0	-48.3934	0	0.7026	0	-52.1096
NE+5.00	B49	54	B242	0.8014	0	-42.5074	0	0.7026	0	-25.7438
NE+5.00	B49	54	B242	1.3777	0	-33.3792	0	0.7026	0	-3.7663
NE+5.00	B49	54	B242	1.9541	0	-23.6288	0	0.7026	0	12.6623
NE+5.00	B49	54	B242	2.5305	0	-13.8784	0	0.7026	0	23.4712
NE+5.00	B49	54	B242	3.1068	0	-4.128	0	0.7026	0	28.6603
NE+5.00	B49	54	B242	3.6832	0	5.6224	0	0.7026	0	28.2297
NE+5.00	B49	54	B242	4.2595	0	15.3727	0	0.7026	0	22.1793
NE+5.00	B49	54	B242	4.8359	0	25.1231	0	0.7026	0	10.5091
NE+5.00	B49	54	B242	5.4123	0	34.8735	0	0.7026	0	-6.7808
NE+5.00	B49	54	B242	5.9886	0	44.0018	0	0.7026	0	-29.6196
NE+5.00	B49	54	B242	6.565	0	49.8877	0	0.7026	0	-56.8466
NE+5.00	B50	55	Pprop	0.225	0	-16.1856	0	-0.2323	0	-18.5032
NE+5.00	B50	55	Pprop	0.9014	0	-13.2929	0	-0.2323	0	-8.534
NE+5.00	B50	55	Pprop	1.5777	0	-10.4003	0	-0.2323	0	-0.5214
NE+5.00	B50	55	Pprop	2.2541	0	-7.5076	0	-0.2323	0	5.5347
NE+5.00	B50	55	Pprop	2.9305	0	-4.6149	0	-0.2323	0	9.6343

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B50	55	Pprop	3.6068	0	-1.7223	0	-0.2323	0	11.7774
NE+5.00	B50	55	Pprop	4.21	0	0.8574	0	-0.2323	0	12.0383
NE+5.00	B50	55	Pprop	4.21	0	0.8574	0	-0.2323	0	12.0383
NE+5.00	B50	55	Pprop	4.2832	0	1.1704	0	-0.2323	0	11.9641
NE+5.00	B50	55	Pprop	4.9595	0	4.0631	0	-0.2323	0	10.1942
NE+5.00	B50	55	Pprop	5.6359	0	6.9558	0	-0.2323	0	6.4678
NE+5.00	B50	55	Pprop	6.3123	0	9.8484	0	-0.2323	0	0.7849
NE+5.00	B50	55	Pprop	6.9886	0	12.7411	0	-0.2323	0	-6.8544
NE+5.00	B50	55	Pprop	7.665	0	15.6338	0	-0.2323	0	-16.4503
NE+5.00	B50	55	Viva	0.225	0	-10.033	0	-0.1547	0	-13.5212
NE+5.00	B50	55	Viva	0.9014	0	-9.2711	0	-0.1547	0	-6.9413
NE+5.00	B50	55	Viva	1.5777	0	-7.7831	0	-0.1547	0	-1.1588
NE+5.00	B50	55	Viva	2.2541	0	-6.2365	0	-0.1547	0	3.5823
NE+5.00	B50	55	Viva	2.9305	0	-4.6898	0	-0.1547	0	7.2774
NE+5.00	B50	55	Viva	3.6068	0	-3.4329	0	-0.1547	0	9.9783
NE+5.00	B50	55	Viva	4.21	0	-3.0683	0	-0.1547	0	11.9023
NE+5.00	B50	55	Viva	4.21	0	1.5055	0	-0.1547	0	11.9023
NE+5.00	B50	55	Viva	4.2832	0	1.5189	0	-0.1547	0	11.7918
NE+5.00	B50	55	Viva	4.9595	0	2.907	0	-0.1547	0	10.4237
NE+5.00	B50	55	Viva	5.6359	0	6.3818	0	-0.1547	0	7.3632
NE+5.00	B50	55	Viva	6.3123	0	10.2483	0	-0.1547	0	1.7391
NE+5.00	B50	55	Viva	6.9886	0	13.9685	0	-0.1547	0	-6.4882
NE+5.00	B50	55	Viva	7.665	0	15.8731	0	-0.1547	0	-16.7091
NE+5.00	B50	55	Psup	0.225	0	-25.878	0	-1.1003	0	-31.3421
NE+5.00	B50	55	Psup	0.9014	0	-23.3274	0	-1.1003	0	-14.5291
NE+5.00	B50	55	Psup	1.5777	0	-18.3454	0	-1.1003	0	-0.3856
NE+5.00	B50	55	Psup	2.2541	0	-13.1673	0	-1.1003	0	10.2714
NE+5.00	B50	55	Psup	2.9305	0	-7.9892	0	-1.1003	0	17.4261
NE+5.00	B50	55	Psup	3.6068	0	-3.7811	0	-1.1003	0	21.2524
NE+5.00	B50	55	Psup	4.21	0	-2.5603	0	-1.1003	0	23.0422
NE+5.00	B50	55	Psup	4.21	0	6.1928	0	-1.1003	0	23.0422
NE+5.00	B50	55	Psup	4.2832	0	6.2107	0	-1.1003	0	22.5885
NE+5.00	B50	55	Psup	4.9595	0	8.0697	0	-1.1003	0	17.9314
NE+5.00	B50	55	Psup	5.6359	0	12.7231	0	-1.1003	0	11.0078
NE+5.00	B50	55	Psup	6.3123	0	17.9012	0	-1.1003	0	0.6512
NE+5.00	B50	55	Psup	6.9886	0	22.8832	0	-1.1003	0	-13.1918
NE+5.00	B50	55	Psup	7.665	0	25.4339	0	-1.1003	0	-29.7044
NE+5.00	B50	55	Viva.cub	0.225	0	-0.0136	0	-0.0009	0	-0.1193
NE+5.00	B50	55	Viva.cub	0.9014	0	-0.0136	0	-0.0009	0	-0.1101
NE+5.00	B50	55	Viva.cub	1.5777	0	-0.0136	0	-0.0009	0	-0.101
NE+5.00	B50	55	Viva.cub	2.2541	0	-0.0136	0	-0.0009	0	-0.0918
NE+5.00	B50	55	Viva.cub	2.9305	0	-0.0136	0	-0.0009	0	-0.0826
NE+5.00	B50	55	Viva.cub	3.6068	0	-0.0136	0	-0.0009	0	-0.0734
NE+5.00	B50	55	Viva.cub	4.21	0	-0.0136	0	-0.0009	0	-0.0652
NE+5.00	B50	55	Viva.cub	4.21	0	-0.0136	0	-0.0009	0	-0.0652

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B50	55	Viva.cub	4.2832	0	-0.0136	0	-0.0009	0	-0.0643
NE+5.00	B50	55	Viva.cub	4.9595	0	-0.0136	0	-0.0009	0	-0.0551
NE+5.00	B50	55	Viva.cub	5.6359	0	-0.0136	0	-0.0009	0	-0.0459
NE+5.00	B50	55	Viva.cub	6.3123	0	-0.0136	0	-0.0009	0	-0.0367
NE+5.00	B50	55	Viva.cub	6.9886	0	-0.0136	0	-0.0009	0	-0.0275
NE+5.00	B50	55	Viva.cub	7.665	0	-0.0136	0	-0.0009	0	-0.0184
NE+5.00	B50	55	DISX-COMB Max	0.225	0	38.9193	0	2.7027	0	137.9179
NE+5.00	B50	55	DISX-COMB Max	0.9014	0	38.9193	0	2.7027	0	111.5944
NE+5.00	B50	55	DISX-COMB Max	1.5777	0	38.9193	0	2.7027	0	85.2709
NE+5.00	B50	55	DISX-COMB Max	2.2541	0	38.9193	0	2.7027	0	58.9475
NE+5.00	B50	55	DISX-COMB Max	2.9305	0	38.9193	0	2.7027	0	32.6246
NE+5.00	B50	55	DISX-COMB Max	3.6068	0	38.9193	0	2.7027	0	6.3069
NE+5.00	B50	55	DISX-COMB Max	4.21	0	38.9193	0	2.7027	0	17.1786
NE+5.00	B50	55	DISX-COMB Max	4.21	0	38.9193	0	2.7027	0	17.1786
NE+5.00	B50	55	DISX-COMB Max	4.2832	0	38.9193	0	2.7027	0	20.0264
NE+5.00	B50	55	DISX-COMB Max	4.9595	0	38.9193	0	2.7027	0	46.3487
NE+5.00	B50	55	DISX-COMB Max	5.6359	0	38.9193	0	2.7027	0	72.672
NE+5.00	B50	55	DISX-COMB Max	6.3123	0	38.9193	0	2.7027	0	98.9954
NE+5.00	B50	55	DISX-COMB Max	6.9886	0	38.9193	0	2.7027	0	125.319
NE+5.00	B50	55	DISX-COMB Max	7.665	0	38.9193	0	2.7027	0	151.6425
NE+5.00	B50	55	DISY-COMB Max	0.225	0	2.2818	0	0.5303	0	7.8655
NE+5.00	B50	55	DISY-COMB Max	0.9014	0	2.2818	0	0.5303	0	6.3233
NE+5.00	B50	55	DISY-COMB Max	1.5777	0	2.2818	0	0.5303	0	4.782
NE+5.00	B50	55	DISY-COMB Max	2.2541	0	2.2818	0	0.5303	0	3.2425
NE+5.00	B50	55	DISY-COMB Max	2.9305	0	2.2818	0	0.5303	0	1.7101
NE+5.00	B50	55	DISY-COMB Max	3.6068	0	2.2818	0	0.5303	0	0.314
NE+5.00	B50	55	DISY-COMB Max	4.21	0	2.2818	0	0.5303	0	1.2638
NE+5.00	B50	55	DISY-COMB Max	4.21	0	2.2818	0	0.5303	0	1.2638
NE+5.00	B50	55	DISY-COMB Max	4.2832	0	2.2818	0	0.5303	0	1.4271
NE+5.00	B50	55	DISY-COMB Max	4.9595	0	2.2818	0	0.5303	0	2.9561
NE+5.00	B50	55	DISY-COMB Max	5.6359	0	2.2818	0	0.5303	0	4.4949
NE+5.00	B50	55	DISY-COMB Max	6.3123	0	2.2818	0	0.5303	0	6.036
NE+5.00	B50	55	DISY-COMB Max	6.9886	0	2.2818	0	0.5303	0	7.5781
NE+5.00	B50	55	DISY-COMB Max	7.665	0	2.2818	0	0.5303	0	9.1205
NE+5.00	B50	55	B241	0.225	0	-54.5269	0	-1.7275	0	-64.6142
NE+5.00	B50	55	B241	0.9014	0	-47.4708	0	-1.7275	0	-29.8966
NE+5.00	B50	55	B241	1.5777	0	-37.2628	0	-1.7275	0	-1.1758
NE+5.00	B50	55	B241	2.2541	0	-26.8008	0	-1.7275	0	20.4893
NE+5.00	B50	55	B241	2.9305	0	-16.3387	0	-1.7275	0	35.0783
NE+5.00	B50	55	B241	3.6068	0	-7.1339	0	-1.7275	0	42.8165
NE+5.00	B50	55	B241	4.21	0	-2.2074	0	-1.7275	0	45.4746
NE+5.00	B50	55	B241	4.21	0	9.1392	0	-1.7275	0	45.4746
NE+5.00	B50	55	B241	4.2832	0	9.5681	0	-1.7275	0	44.7904
NE+5.00	B50	55	B241	4.9595	0	15.7277	0	-1.7275	0	36.4591
NE+5.00	B50	55	B241	5.6359	0	25.5096	0	-1.7275	0	22.6536

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B50	55	B241	6.3123	0	35.9717	0	-1.7275	0	1.8617
NE+5.00	B50	55	B241	6.9886	0	46.1797	0	-1.7275	0	-25.9859
NE+5.00	B50	55	B241	7.665	0	53.2358	0	-1.7275	0	-59.8302
NE+5.00	B50	55	B242	0.225	0	-62.7969	0	-1.7287	0	-77.0772
NE+5.00	B50	55	B242	0.9014	0	-55.5299	0	-1.7287	0	-36.7869
NE+5.00	B50	55	B242	1.5777	0	-44.3993	0	-1.7287	0	-2.9125
NE+5.00	B50	55	B242	2.2541	0	-32.9572	0	-1.7287	0	23.2481
NE+5.00	B50	55	B242	2.9305	0	-21.5151	0	-1.7287	0	41.6696
NE+5.00	B50	55	B242	3.6068	0	-11.6142	0	-1.7287	0	52.6284
NE+5.00	B50	55	B242	4.21	0	-6.8081	0	-1.7287	0	57.9894
NE+5.00	B50	55	B242	4.21	0	10.2357	0	-1.7287	0	57.9894
NE+5.00	B50	55	B242	4.2832	0	10.6247	0	-1.7287	0	57.2266
NE+5.00	B50	55	B242	4.9595	0	18.1253	0	-1.7287	0	47.9011
NE+5.00	B50	55	B242	5.6359	0	32.0695	0	-1.7287	0	31.1755
NE+5.00	B50	55	B242	6.3123	0	47.2235	0	-1.7287	0	4.36
NE+5.00	B50	55	B242	6.9886	0	61.9254	0	-1.7287	0	-32.6686
NE+5.00	B50	55	B242	7.665	0	71.0209	0	-1.7287	0	-78.0267
NE+5.00	B51	56	Pprop	0.225	0	-16.9655	0	0.011	0	-19.0145
NE+5.00	B51	56	Pprop	0.9014	0	-14.0728	0	0.011	0	-8.5179
NE+5.00	B51	56	Pprop	1.5777	0	-11.1802	0	0.011	0	0.0222
NE+5.00	B51	56	Pprop	2.2541	0	-8.2875	0	0.011	0	6.6058
NE+5.00	B51	56	Pprop	2.9305	0	-5.3948	0	0.011	0	11.2329
NE+5.00	B51	56	Pprop	3.6068	0	-2.5021	0	0.011	0	13.9035
NE+5.00	B51	56	Pprop	4.21	0	0.0776	0	0.011	0	14.6347
NE+5.00	B51	56	Pprop	4.21	0	0.0775	0	0.011	0	14.6347
NE+5.00	B51	56	Pprop	4.2832	0	0.3905	0	0.011	0	14.6176
NE+5.00	B51	56	Pprop	4.9595	0	3.2832	0	0.011	0	13.3752
NE+5.00	B51	56	Pprop	5.6359	0	6.1759	0	0.011	0	10.1763
NE+5.00	B51	56	Pprop	6.3123	0	9.0685	0	0.011	0	5.0209
NE+5.00	B51	56	Pprop	6.9886	0	11.9612	0	0.011	0	-2.091
NE+5.00	B51	56	Pprop	7.665	0	14.8539	0	0.011	0	-11.1594
NE+5.00	B51	56	Viva	0.225	0	-28.0702	0	-0.297	0	-34.678
NE+5.00	B51	56	Viva	0.9014	0	-25.4038	0	-0.297	0	-16.4136
NE+5.00	B51	56	Viva	1.5777	0	-20.7486	0	-0.297	0	-0.7895
NE+5.00	B51	56	Viva	2.2541	0	-16.0315	0	-0.297	0	11.6488
NE+5.00	B51	56	Viva	2.9305	0	-11.3144	0	-0.297	0	20.8967
NE+5.00	B51	56	Viva	3.6068	0	-6.8871	0	-0.297	0	27.006
NE+5.00	B51	56	Viva	4.21	0	-3.695	0	-0.297	0	30.1608
NE+5.00	B51	56	Viva	4.21	0	0.8788	0	-0.297	0	30.1608
NE+5.00	B51	56	Viva	4.2832	0	1.2352	0	-0.297	0	30.0837
NE+5.00	B51	56	Viva	4.9595	0	5.7938	0	-0.297	0	27.8352
NE+5.00	B51	56	Viva	5.6359	0	12.439	0	-0.297	0	21.75
NE+5.00	B51	56	Viva	6.3123	0	19.476	0	-0.297	0	10.9569
NE+5.00	B51	56	Viva	6.9886	0	26.3634	0	-0.297	0	-4.5839
NE+5.00	B51	56	Viva	7.665	0	30.1725	0	-0.297	0	-23.9612

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B51	56	Psup	0.225	0	-50.2561	0	1.0812	0	-60.113
NE+5.00	B51	56	Psup	0.9014	0	-45.1549	0	1.0812	0	-27.5014
NE+5.00	B51	56	Psup	1.5777	0	-35.9313	0	1.0812	0	-0.0276
NE+5.00	B51	56	Psup	2.2541	0	-26.5074	0	1.0812	0	21.0881
NE+5.00	B51	56	Psup	2.9305	0	-17.0834	0	1.0812	0	35.8297
NE+5.00	B51	56	Psup	3.6068	0	-8.6294	0	1.0812	0	44.3711
NE+5.00	B51	56	Psup	4.21	0	-3.6222	0	1.0812	0	47.9434
NE+5.00	B51	56	Psup	4.21	0	5.1309	0	1.0812	0	47.9434
NE+5.00	B51	56	Psup	4.2832	0	5.6082	0	1.0812	0	47.5507
NE+5.00	B51	56	Psup	4.9595	0	11.713	0	1.0812	0	41.8652
NE+5.00	B51	56	Psup	5.6359	0	20.6124	0	1.0812	0	31.0415
NE+5.00	B51	56	Psup	6.3123	0	30.0363	0	1.0812	0	13.913
NE+5.00	B51	56	Psup	6.9886	0	39.2599	0	1.0812	0	-9.5736
NE+5.00	B51	56	Psup	7.665	0	44.3611	0	1.0812	0	-38.198
NE+5.00	B51	56	Viva.cub	0.225	0	-0.0014	0	-2.626E-05	0	-0.0052
NE+5.00	B51	56	Viva.cub	0.9014	0	-0.0014	0	-2.626E-05	0	-0.0042
NE+5.00	B51	56	Viva.cub	1.5777	0	-0.0014	0	-2.626E-05	0	-0.0033
NE+5.00	B51	56	Viva.cub	2.2541	0	-0.0014	0	-2.626E-05	0	-0.0023
NE+5.00	B51	56	Viva.cub	2.9305	0	-0.0014	0	-2.626E-05	0	-0.0013
NE+5.00	B51	56	Viva.cub	3.6068	0	-0.0014	0	-2.626E-05	0	-0.0004
NE+5.00	B51	56	Viva.cub	4.21	0	-0.0014	0	-2.626E-05	0	0.0005
NE+5.00	B51	56	Viva.cub	4.21	0	-0.0014	0	-2.626E-05	0	0.0005
NE+5.00	B51	56	Viva.cub	4.2832	0	-0.0014	0	-2.626E-05	0	0.0006
NE+5.00	B51	56	Viva.cub	4.9595	0	-0.0014	0	-2.626E-05	0	0.0015
NE+5.00	B51	56	Viva.cub	5.6359	0	-0.0014	0	-2.626E-05	0	0.0025
NE+5.00	B51	56	Viva.cub	6.3123	0	-0.0014	0	-2.626E-05	0	0.0034
NE+5.00	B51	56	Viva.cub	6.9886	0	-0.0014	0	-2.626E-05	0	0.0044
NE+5.00	B51	56	Viva.cub	7.665	0	-0.0014	0	-2.626E-05	0	0.0054
NE+5.00	B51	56	DISX-COMB Max	0.225	0	46.5956	0	2.5019	0	155.2078
NE+5.00	B51	56	DISX-COMB Max	0.9014	0	46.5956	0	2.5019	0	123.6923
NE+5.00	B51	56	DISX-COMB Max	1.5777	0	46.5956	0	2.5019	0	92.1768
NE+5.00	B51	56	DISX-COMB Max	2.2541	0	46.5956	0	2.5019	0	60.6613
NE+5.00	B51	56	DISX-COMB Max	2.9305	0	46.5956	0	2.5019	0	29.146
NE+5.00	B51	56	DISX-COMB Max	3.6068	0	46.5956	0	2.5019	0	2.3772
NE+5.00	B51	56	DISX-COMB Max	4.21	0	46.5956	0	2.5019	0	30.4763
NE+5.00	B51	56	DISX-COMB Max	4.21	0	46.5956	0	2.5019	0	30.4763
NE+5.00	B51	56	DISX-COMB Max	4.2832	0	46.5956	0	2.5019	0	33.8862
NE+5.00	B51	56	DISX-COMB Max	4.9595	0	46.5956	0	2.5019	0	65.4015
NE+5.00	B51	56	DISX-COMB Max	5.6359	0	46.5956	0	2.5019	0	96.917
NE+5.00	B51	56	DISX-COMB Max	6.3123	0	46.5956	0	2.5019	0	128.4325
NE+5.00	B51	56	DISX-COMB Max	6.9886	0	46.5956	0	2.5019	0	159.948
NE+5.00	B51	56	DISX-COMB Max	7.665	0	46.5956	0	2.5019	0	191.4635
NE+5.00	B51	56	DISY-COMB Max	0.225	0	1.3735	0	0.6744	0	4.5511
NE+5.00	B51	56	DISY-COMB Max	0.9014	0	1.3735	0	0.6744	0	3.6227
NE+5.00	B51	56	DISY-COMB Max	1.5777	0	1.3735	0	0.6744	0	2.6948

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B51	56	DISY-COMB Max	2.2541	0	1.3735	0	0.6744	0	1.7679
NE+5.00	B51	56	DISY-COMB Max	2.9305	0	1.3735	0	0.6744	0	0.8458
NE+5.00	B51	56	DISY-COMB Max	3.6068	0	1.3735	0	0.6744	0	0.1772
NE+5.00	B51	56	DISY-COMB Max	4.21	0	1.3735	0	0.6744	0	0.9367
NE+5.00	B51	56	DISY-COMB Max	4.21	0	1.3735	0	0.6744	0	0.9367
NE+5.00	B51	56	DISY-COMB Max	4.2832	0	1.3735	0	0.6744	0	1.0361
NE+5.00	B51	56	DISY-COMB Max	4.9595	0	1.3735	0	0.6744	0	1.96
NE+5.00	B51	56	DISY-COMB Max	5.6359	0	1.3735	0	0.6744	0	2.8872
NE+5.00	B51	56	DISY-COMB Max	6.3123	0	1.3735	0	0.6744	0	3.8152
NE+5.00	B51	56	DISY-COMB Max	6.9886	0	1.3735	0	0.6744	0	4.7437
NE+5.00	B51	56	DISY-COMB Max	7.665	0	1.3735	0	0.6744	0	5.6723
NE+5.00	B51	56	B241	0.225	0	-87.1391	0	1.4158	0	-102.5727
NE+5.00	B51	56	B241	0.9014	0	-76.7767	0	1.4158	0	-46.6917
NE+5.00	B51	56	B241	1.5777	0	-61.0705	0	1.4158	0	-0.007
NE+5.00	B51	56	B241	2.2541	0	-45.1045	0	1.4158	0	35.8994
NE+5.00	B51	56	B241	2.9305	0	-29.1385	0	1.4158	0	61.007
NE+5.00	B51	56	B241	3.6068	0	-14.4298	0	1.4158	0	75.5411
NE+5.00	B51	56	B241	4.21	0	-4.5949	0	1.4158	0	81.1197
NE+5.00	B51	56	B241	4.21	0	6.7517	0	1.4158	0	81.1197
NE+5.00	B51	56	B241	4.2832	0	7.7761	0	1.4158	0	80.5884
NE+5.00	B51	56	B241	4.9595	0	19.4396	0	1.4158	0	71.6079
NE+5.00	B51	56	B241	5.6359	0	34.7255	0	1.4158	0	53.4304
NE+5.00	B51	56	B241	6.3123	0	50.6915	0	1.4158	0	24.544
NE+5.00	B51	56	B241	6.9886	0	66.3977	0	1.4158	0	-15.1208
NE+5.00	B51	56	B241	7.665	0	76.7602	0	1.4158	0	-63.9818
NE+5.00	B51	56	B242	0.225	0	-119.6038	0	0.7383	0	-143.4069
NE+5.00	B51	56	B242	0.9014	0	-106.4554	0	0.7383	0	-66.2853
NE+5.00	B51	56	B242	1.5777	0	-85.5445	0	0.7383	0	-1.2709
NE+5.00	B51	56	B242	2.2541	0	-64.3121	0	0.7383	0	49.4078
NE+5.00	B51	56	B242	2.9305	0	-43.0796	0	0.7383	0	85.7258
NE+5.00	B51	56	B242	3.6068	0	-23.3884	0	0.7383	0	107.959
NE+5.00	B51	56	B242	4.21	0	-9.8512	0	0.7383	0	117.7888
NE+5.00	B51	56	B242	4.21	0	7.1926	0	0.7383	0	117.7888
NE+5.00	B51	56	B242	4.2832	0	8.6409	0	0.7383	0	117.2099
NE+5.00	B51	56	B242	4.9595	0	25.9318	0	0.7383	0	105.9153
NE+5.00	B51	56	B242	5.6359	0	49.6664	0	0.7383	0	80.5987
NE+5.00	B51	56	B242	6.3123	0	74.6108	0	0.7383	0	38.5704
NE+5.00	B51	56	B242	6.9886	0	99.093	0	0.7383	0	-20.2928
NE+5.00	B51	56	B242	7.665	0	114.0698	0	0.7383	0	-93.1768
NE+5.00	B52	57	Pprop	0.225	0	-13.2625	0	-0.123	0	-14.1791
NE+5.00	B52	57	Pprop	0.8014	0	-10.7975	0	-0.123	0	-7.2455
NE+5.00	B52	57	Pprop	1.3777	0	-8.3325	0	-0.123	0	-1.7325
NE+5.00	B52	57	Pprop	1.9541	0	-5.8675	0	-0.123	0	2.3597
NE+5.00	B52	57	Pprop	2.5305	0	-3.4025	0	-0.123	0	5.0311
NE+5.00	B52	57	Pprop	3.1068	0	-0.9375	0	-0.123	0	6.2819

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B52	57	Pprop	3.6832	0	1.5275	0	-0.123	0	6.1118
NE+5.00	B52	57	Pprop	4.2595	0	3.9924	0	-0.123	0	4.5211
NE+5.00	B52	57	Pprop	4.8359	0	6.4574	0	-0.123	0	1.5096
NE+5.00	B52	57	Pprop	5.4123	0	8.9224	0	-0.123	0	-2.9225
NE+5.00	B52	57	Pprop	5.9886	0	11.3874	0	-0.123	0	-8.7755
NE+5.00	B52	57	Pprop	6.565	0	13.8524	0	-0.123	0	-16.0491
NE+5.00	B52	57	Viva	0.225	0	-19.1276	0	-0.324	0	-22.1103
NE+5.00	B52	57	Viva	0.8014	0	-17.0572	0	-0.324	0	-11.5708
NE+5.00	B52	57	Viva	1.3777	0	-13.2008	0	-0.324	0	-2.8194
NE+5.00	B52	57	Viva	1.9541	0	-9.1811	0	-0.324	0	3.6307
NE+5.00	B52	57	Viva	2.5305	0	-5.1615	0	-0.324	0	7.764
NE+5.00	B52	57	Viva	3.1068	0	-1.1418	0	-0.324	0	9.5805
NE+5.00	B52	57	Viva	3.6832	0	2.8778	0	-0.324	0	9.0802
NE+5.00	B52	57	Viva	4.2595	0	6.8975	0	-0.324	0	6.2631
NE+5.00	B52	57	Viva	4.8359	0	10.9171	0	-0.324	0	1.1293
NE+5.00	B52	57	Viva	5.4123	0	14.9368	0	-0.324	0	-6.3213
NE+5.00	B52	57	Viva	5.9886	0	18.7932	0	-0.324	0	-16.0733
NE+5.00	B52	57	Viva	6.565	0	20.8636	0	-0.324	0	-27.6134
NE+5.00	B52	57	Psup	0.225	0	-38.8764	0	-0.1981	0	-45.5584
NE+5.00	B52	57	Psup	0.8014	0	-34.9153	0	-0.1981	0	-24.0793
NE+5.00	B52	57	Psup	1.3777	0	-27.3383	0	-0.1981	0	-6.0557
NE+5.00	B52	57	Psup	1.9541	0	-19.3076	0	-0.1981	0	7.3868
NE+5.00	B52	57	Psup	2.5305	0	-11.277	0	-0.1981	0	16.2007
NE+5.00	B52	57	Psup	3.1068	0	-3.2464	0	-0.1981	0	20.3861
NE+5.00	B52	57	Psup	3.6832	0	4.7842	0	-0.1981	0	19.9429
NE+5.00	B52	57	Psup	4.2595	0	12.8149	0	-0.1981	0	14.8712
NE+5.00	B52	57	Psup	4.8359	0	20.8455	0	-0.1981	0	5.1709
NE+5.00	B52	57	Psup	5.4123	0	28.8761	0	-0.1981	0	-9.158
NE+5.00	B52	57	Psup	5.9886	0	36.4532	0	-0.1981	0	-28.068
NE+5.00	B52	57	Psup	6.565	0	40.4142	0	-0.1981	0	-50.4334
NE+5.00	B52	57	Viva.cub	0.225	0	-0.0029	0	-0.0001	0	-0.0093
NE+5.00	B52	57	Viva.cub	0.8014	0	-0.0029	0	-0.0001	0	-0.0076
NE+5.00	B52	57	Viva.cub	1.3777	0	-0.0029	0	-0.0001	0	-0.0059
NE+5.00	B52	57	Viva.cub	1.9541	0	-0.0029	0	-0.0001	0	-0.0042
NE+5.00	B52	57	Viva.cub	2.5305	0	-0.0029	0	-0.0001	0	-0.0025
NE+5.00	B52	57	Viva.cub	3.1068	0	-0.0029	0	-0.0001	0	-0.0008
NE+5.00	B52	57	Viva.cub	3.6832	0	-0.0029	0	-0.0001	0	0.0009
NE+5.00	B52	57	Viva.cub	4.2595	0	-0.0029	0	-0.0001	0	0.0026
NE+5.00	B52	57	Viva.cub	4.8359	0	-0.0029	0	-0.0001	0	0.0043
NE+5.00	B52	57	Viva.cub	5.4123	0	-0.0029	0	-0.0001	0	0.006
NE+5.00	B52	57	Viva.cub	5.9886	0	-0.0029	0	-0.0001	0	0.0077
NE+5.00	B52	57	Viva.cub	6.565	0	-0.0029	0	-0.0001	0	0.0094
NE+5.00	B52	57	DISX-COMB Max	0.225	0	46.449	0	3.1144	0	149.5489
NE+5.00	B52	57	DISX-COMB Max	0.8014	0	46.449	0	3.1144	0	122.7775
NE+5.00	B52	57	DISX-COMB Max	1.3777	0	46.449	0	3.1144	0	96.006

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B52	57	DISX-COMB Max	1.9541	0	46.449	0	3.1144	0	69.2346
NE+5.00	B52	57	DISX-COMB Max	2.5305	0	46.449	0	3.1144	0	42.4633
NE+5.00	B52	57	DISX-COMB Max	3.1068	0	46.449	0	3.1144	0	15.6926
NE+5.00	B52	57	DISX-COMB Max	3.6832	0	46.449	0	3.1144	0	11.082
NE+5.00	B52	57	DISX-COMB Max	4.2595	0	46.449	0	3.1144	0	37.8522
NE+5.00	B52	57	DISX-COMB Max	4.8359	0	46.449	0	3.1144	0	64.6235
NE+5.00	B52	57	DISX-COMB Max	5.4123	0	46.449	0	3.1144	0	91.3949
NE+5.00	B52	57	DISX-COMB Max	5.9886	0	46.449	0	3.1144	0	118.1663
NE+5.00	B52	57	DISX-COMB Max	6.565	0	46.449	0	3.1144	0	144.9378
NE+5.00	B52	57	DISY-COMB Max	0.225	0	1.3524	0	0.6165	0	4.3597
NE+5.00	B52	57	DISY-COMB Max	0.8014	0	1.3524	0	0.6165	0	3.5804
NE+5.00	B52	57	DISY-COMB Max	1.3777	0	1.3524	0	0.6165	0	2.8012
NE+5.00	B52	57	DISY-COMB Max	1.9541	0	1.3524	0	0.6165	0	2.0222
NE+5.00	B52	57	DISY-COMB Max	2.5305	0	1.3524	0	0.6165	0	1.2439
NE+5.00	B52	57	DISY-COMB Max	3.1068	0	1.3524	0	0.6165	0	0.4693
NE+5.00	B52	57	DISY-COMB Max	3.6832	0	1.3524	0	0.6165	0	0.329
NE+5.00	B52	57	DISY-COMB Max	4.2595	0	1.3524	0	0.6165	0	1.1007
NE+5.00	B52	57	DISY-COMB Max	4.8359	0	1.3524	0	0.6165	0	1.8788
NE+5.00	B52	57	DISY-COMB Max	5.4123	0	1.3524	0	0.6165	0	2.6577
NE+5.00	B52	57	DISY-COMB Max	5.9886	0	1.3524	0	0.6165	0	3.4368
NE+5.00	B52	57	DISY-COMB Max	6.565	0	1.3524	0	0.6165	0	4.2161
NE+5.00	B52	57	B241	0.225	0	-67.5874	0	-0.4162	0	-77.4375
NE+5.00	B52	57	B241	0.8014	0	-59.2573	0	-0.4162	0	-40.6062
NE+5.00	B52	57	B241	1.3777	0	-46.2399	0	-0.4162	0	-10.0959
NE+5.00	B52	57	B241	1.9541	0	-32.6345	0	-0.4162	0	12.6343
NE+5.00	B52	57	B241	2.5305	0	-19.029	0	-0.4162	0	27.5228
NE+5.00	B52	57	B241	3.1068	0	-5.4236	0	-0.4162	0	34.5696
NE+5.00	B52	57	B241	3.6832	0	8.1818	0	-0.4162	0	33.7747
NE+5.00	B52	57	B241	4.2595	0	21.7873	0	-0.4162	0	25.1382
NE+5.00	B52	57	B241	4.8359	0	35.3927	0	-0.4162	0	8.6599
NE+5.00	B52	57	B241	5.4123	0	48.9981	0	-0.4162	0	-15.66
NE+5.00	B52	57	B241	5.9886	0	62.0156	0	-0.4162	0	-47.76
NE+5.00	B52	57	B241	6.565	0	70.3457	0	-0.4162	0	-86.1811
NE+5.00	B52	57	B242	0.225	0	-88.5378	0	-0.8752	0	-101.7562
NE+5.00	B52	57	B242	0.8014	0	-78.085	0	-0.8752	0	-53.3224
NE+5.00	B52	57	B242	1.3777	0	-60.7569	0	-0.8752	0	-13.1676
NE+5.00	B52	57	B242	1.9541	0	-42.6637	0	-0.8752	0	16.6364
NE+5.00	B52	57	B242	2.5305	0	-24.5705	0	-0.8752	0	36.012
NE+5.00	B52	57	B242	3.1068	0	-6.4772	0	-0.8752	0	44.9594
NE+5.00	B52	57	B242	3.6832	0	11.616	0	-0.8752	0	43.4785
NE+5.00	B52	57	B242	4.2595	0	29.7093	0	-0.8752	0	31.5693
NE+5.00	B52	57	B242	4.8359	0	47.8025	0	-0.8752	0	9.2318
NE+5.00	B52	57	B242	5.4123	0	65.8958	0	-0.8752	0	-23.534
NE+5.00	B52	57	B242	5.9886	0	83.2238	0	-0.8752	0	-66.6506
NE+5.00	B52	57	B242	6.565	0	93.6766	0	-0.8752	0	-118.0462

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B53	58	Pprop	0.225	0	-16.5596	0	-0.0056	0	-19.9759
NE+5.00	B53	58	Pprop	0.9114	0	-13.6241	0	-0.0056	0	-9.6174
NE+5.00	B53	58	Pprop	1.5977	0	-10.6887	0	-0.0056	0	-1.2737
NE+5.00	B53	58	Pprop	2.2841	0	-7.7532	0	-0.0056	0	5.0552
NE+5.00	B53	58	Pprop	2.9705	0	-4.8178	0	-0.0056	0	9.3694
NE+5.00	B53	58	Pprop	3.6568	0	-1.8824	0	-0.0056	0	11.6688
NE+5.00	B53	58	Pprop	4.3432	0	1.0531	0	-0.0056	0	11.9534
NE+5.00	B53	58	Pprop	5.0295	0	3.9885	0	-0.0056	0	10.2232
NE+5.00	B53	58	Pprop	5.7159	0	6.924	0	-0.0056	0	6.4782
NE+5.00	B53	58	Pprop	6.4023	0	9.8594	0	-0.0056	0	0.7185
NE+5.00	B53	58	Pprop	7.0886	0	12.7948	0	-0.0056	0	-7.056
NE+5.00	B53	58	Pprop	7.775	0	15.7303	0	-0.0056	0	-16.8453
NE+5.00	B53	58	Viva	0.225	0	-24.957	0	0.0017	0	-32.2416
NE+5.00	B53	58	Viva	0.9114	0	-22.2272	0	0.0017	0	-15.8602
NE+5.00	B53	58	Viva	1.5977	0	-17.4959	0	0.0017	0	-2.2131
NE+5.00	B53	58	Viva	2.2841	0	-12.7091	0	0.0017	0	8.1527
NE+5.00	B53	58	Viva	2.9705	0	-7.9223	0	0.0017	0	15.233
NE+5.00	B53	58	Viva	3.6568	0	-3.1354	0	0.0017	0	19.0278
NE+5.00	B53	58	Viva	4.3432	0	1.6514	0	0.0017	0	19.5371
NE+5.00	B53	58	Viva	5.0295	0	6.4382	0	0.0017	0	16.7609
NE+5.00	B53	58	Viva	5.7159	0	11.225	0	0.0017	0	10.6992
NE+5.00	B53	58	Viva	6.4023	0	16.0118	0	0.0017	0	1.352
NE+5.00	B53	58	Viva	7.0886	0	20.7431	0	0.0017	0	-11.2765
NE+5.00	B53	58	Viva	7.775	0	23.473	0	0.0017	0	-26.6393
NE+5.00	B53	58	Psup	0.225	0	-49.4459	0	0.1922	0	-64.0182
NE+5.00	B53	58	Psup	0.9114	0	-44.2233	0	0.1922	0	-31.5118
NE+5.00	B53	58	Psup	1.5977	0	-34.8425	0	0.1922	0	-4.3292
NE+5.00	B53	58	Psup	2.2841	0	-25.2792	0	0.1922	0	16.3035
NE+5.00	B53	58	Psup	2.9705	0	-15.7159	0	0.1922	0	30.3723
NE+5.00	B53	58	Psup	3.6568	0	-6.1526	0	0.1922	0	37.8772
NE+5.00	B53	58	Psup	4.3432	0	3.4106	0	0.1922	0	38.8182
NE+5.00	B53	58	Psup	5.0295	0	12.9739	0	0.1922	0	33.1953
NE+5.00	B53	58	Psup	5.7159	0	22.5372	0	0.1922	0	21.0085
NE+5.00	B53	58	Psup	6.4023	0	32.1005	0	0.1922	0	2.2578
NE+5.00	B53	58	Psup	7.0886	0	41.4813	0	0.1922	0	-23.0428
NE+5.00	B53	58	Psup	7.775	0	46.7039	0	0.1922	0	-53.6672
NE+5.00	B53	58	Viva.cub	0.225	0	-0.0012	0	-0.0002	0	-0.0046
NE+5.00	B53	58	Viva.cub	0.9114	0	-0.0012	0	-0.0002	0	-0.0038
NE+5.00	B53	58	Viva.cub	1.5977	0	-0.0012	0	-0.0002	0	-0.003
NE+5.00	B53	58	Viva.cub	2.2841	0	-0.0012	0	-0.0002	0	-0.0022
NE+5.00	B53	58	Viva.cub	2.9705	0	-0.0012	0	-0.0002	0	-0.0014
NE+5.00	B53	58	Viva.cub	3.6568	0	-0.0012	0	-0.0002	0	-0.0006
NE+5.00	B53	58	Viva.cub	4.3432	0	-0.0012	0	-0.0002	0	0.0002
NE+5.00	B53	58	Viva.cub	5.0295	0	-0.0012	0	-0.0002	0	0.001
NE+5.00	B53	58	Viva.cub	5.7159	0	-0.0012	0	-0.0002	0	0.0018

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B53	58	Viva.cub	6.4023	0	-0.0012	0	-0.0002	0	0.0026
NE+5.00	B53	58	Viva.cub	7.0886	0	-0.0012	0	-0.0002	0	0.0034
NE+5.00	B53	58	Viva.cub	7.775	0	-0.0012	0	-0.0002	0	0.0042
NE+5.00	B53	58	DISX-COMB Max	0.225	0	36.4341	0	2.8922	0	139.3234
NE+5.00	B53	58	DISX-COMB Max	0.9114	0	36.4341	0	2.8922	0	114.3164
NE+5.00	B53	58	DISX-COMB Max	1.5977	0	36.4341	0	2.8922	0	89.3095
NE+5.00	B53	58	DISX-COMB Max	2.2841	0	36.4341	0	2.8922	0	64.3026
NE+5.00	B53	58	DISX-COMB Max	2.9705	0	36.4341	0	2.8922	0	39.2958
NE+5.00	B53	58	DISX-COMB Max	3.6568	0	36.4341	0	2.8922	0	14.29
NE+5.00	B53	58	DISX-COMB Max	4.3432	0	36.4341	0	2.8922	0	10.7214
NE+5.00	B53	58	DISX-COMB Max	5.0295	0	36.4341	0	2.8922	0	35.7267
NE+5.00	B53	58	DISX-COMB Max	5.7159	0	36.4341	0	2.8922	0	60.7334
NE+5.00	B53	58	DISX-COMB Max	6.4023	0	36.4341	0	2.8922	0	85.7403
NE+5.00	B53	58	DISX-COMB Max	7.0886	0	36.4341	0	2.8922	0	110.7472
NE+5.00	B53	58	DISX-COMB Max	7.775	0	36.4341	0	2.8922	0	135.7542
NE+5.00	B53	58	DISY-COMB Max	0.225	0	1.0638	0	0.6535	0	4.0663
NE+5.00	B53	58	DISY-COMB Max	0.9114	0	1.0638	0	0.6535	0	3.3361
NE+5.00	B53	58	DISY-COMB Max	1.5977	0	1.0638	0	0.6535	0	2.606
NE+5.00	B53	58	DISY-COMB Max	2.2841	0	1.0638	0	0.6535	0	1.8759
NE+5.00	B53	58	DISY-COMB Max	2.9705	0	1.0638	0	0.6535	0	1.1458
NE+5.00	B53	58	DISY-COMB Max	3.6568	0	1.0638	0	0.6535	0	0.4161
NE+5.00	B53	58	DISY-COMB Max	4.3432	0	1.0638	0	0.6535	0	0.3153
NE+5.00	B53	58	DISY-COMB Max	5.0295	0	1.0638	0	0.6535	0	1.045
NE+5.00	B53	58	DISY-COMB Max	5.7159	0	1.0638	0	0.6535	0	1.775
NE+5.00	B53	58	DISY-COMB Max	6.4023	0	1.0638	0	0.6535	0	2.5051
NE+5.00	B53	58	DISY-COMB Max	7.0886	0	1.0638	0	0.6535	0	3.2352
NE+5.00	B53	58	DISY-COMB Max	7.775	0	1.0638	0	0.6535	0	3.9654
NE+5.00	B53	58	B241	0.225	0	-85.5627	0	0.2419	0	-108.8813
NE+5.00	B53	58	B241	0.9114	0	-74.9874	0	0.2419	0	-53.3157
NE+5.00	B53	58	B241	1.5977	0	-59.0219	0	0.2419	0	-7.263
NE+5.00	B53	58	B241	2.2841	0	-42.8198	0	0.2419	0	27.6872
NE+5.00	B53	58	B241	2.9705	0	-26.6178	0	0.2419	0	51.517
NE+5.00	B53	58	B241	3.6568	0	-10.4158	0	0.2419	0	64.2262
NE+5.00	B53	58	B241	4.3432	0	5.7863	0	0.2419	0	65.815
NE+5.00	B53	58	B241	5.0295	0	21.9883	0	0.2419	0	56.2832
NE+5.00	B53	58	B241	5.7159	0	38.1904	0	0.2419	0	35.631
NE+5.00	B53	58	B241	6.4023	0	54.3924	0	0.2419	0	3.8582
NE+5.00	B53	58	B241	7.0886	0	70.358	0	0.2419	0	-39.017
NE+5.00	B53	58	B241	7.775	0	80.9332	0	0.2419	0	-91.4051
NE+5.00	B53	58	B242	0.225	0	-113.2713	0	0.21	0	-144.9157
NE+5.00	B53	58	B242	0.9114	0	-99.839	0	0.21	0	-71.0774
NE+5.00	B53	58	B242	1.5977	0	-78.5842	0	0.21	0	-9.7679
NE+5.00	B53	58	B242	2.2841	0	-57.0378	0	0.21	0	36.7751
NE+5.00	B53	58	B242	2.9705	0	-35.4914	0	0.21	0	68.5294
NE+5.00	B53	58	B242	3.6568	0	-13.9451	0	0.21	0	85.4951

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B53	58	B242	4.3432	0	7.6013	0	0.21	0	87.6722
NE+5.00	B53	58	B242	5.0295	0	29.1477	0	0.21	0	75.0606
NE+5.00	B53	58	B242	5.7159	0	50.694	0	0.21	0	47.6604
NE+5.00	B53	58	B242	6.4023	0	72.2404	0	0.21	0	5.4715
NE+5.00	B53	58	B242	7.0886	0	93.4952	0	0.21	0	-51.4838
NE+5.00	B53	58	B242	7.775	0	106.9275	0	0.21	0	-120.968
NE+5.00	B54	59	Pprop	0.225	0	-16.9037	0	0.0325	0	-21.6161
NE+5.00	B54	59	Pprop	0.935	0	-13.8672	0	0.0325	0	-10.6924
NE+5.00	B54	59	Pprop	1.645	0	-10.8307	0	0.0325	0	-1.9247
NE+5.00	B54	59	Pprop	2.355	0	-7.7942	0	0.0325	0	4.6872
NE+5.00	B54	59	Pprop	3.065	0	-4.7576	0	0.0325	0	9.143
NE+5.00	B54	59	Pprop	3.775	0	-1.7211	0	0.0325	0	11.443
NE+5.00	B54	59	Pprop	4.485	0	1.3154	0	0.0325	0	11.587
NE+5.00	B54	59	Pprop	5.195	0	4.352	0	0.0325	0	9.5751
NE+5.00	B54	59	Pprop	5.905	0	7.3885	0	0.0325	0	5.4072
NE+5.00	B54	59	Pprop	6.615	0	10.425	0	0.0325	0	-0.9166
NE+5.00	B54	59	Pprop	7.325	0	13.4615	0	0.0325	0	-9.3963
NE+5.00	B54	59	Pprop	8.035	0	16.4981	0	0.0325	0	-20.0319
NE+5.00	B54	59	Viva	0.225	0	-25.4431	0	0.0326	0	-34.7106
NE+5.00	B54	59	Viva	0.935	0	-22.5605	0	0.0326	0	-17.4605
NE+5.00	B54	59	Viva	1.645	0	-17.6523	0	0.0326	0	-3.1726
NE+5.00	B54	59	Viva	2.355	0	-12.7006	0	0.0326	0	7.6027
NE+5.00	B54	59	Viva	3.065	0	-7.749	0	0.0326	0	14.8623
NE+5.00	B54	59	Viva	3.775	0	-2.7973	0	0.0326	0	18.6063
NE+5.00	B54	59	Viva	4.485	0	2.1543	0	0.0326	0	18.8345
NE+5.00	B54	59	Viva	5.195	0	7.106	0	0.0326	0	15.5471
NE+5.00	B54	59	Viva	5.905	0	12.0576	0	0.0326	0	8.744
NE+5.00	B54	59	Viva	6.615	0	17.0093	0	0.0326	0	-1.5747
NE+5.00	B54	59	Viva	7.325	0	21.9175	0	0.0326	0	-15.4062
NE+5.00	B54	59	Viva	8.035	0	24.8001	0	0.0326	0	-32.1997
NE+5.00	B54	59	Psup	0.225	0	-50.5579	0	0.2651	0	-69.3854
NE+5.00	B54	59	Psup	0.935	0	-45.043	0	0.2651	0	-35.0476
NE+5.00	B54	59	Psup	1.645	0	-35.2958	0	0.2651	0	-6.4859
NE+5.00	B54	59	Psup	2.355	0	-25.4031	0	0.2651	0	15.0622
NE+5.00	B54	59	Psup	3.065	0	-15.5105	0	0.2651	0	29.5866
NE+5.00	B54	59	Psup	3.775	0	-5.6179	0	0.2651	0	37.0872
NE+5.00	B54	59	Psup	4.485	0	4.2747	0	0.2651	0	37.564
NE+5.00	B54	59	Psup	5.195	0	14.1673	0	0.2651	0	31.0171
NE+5.00	B54	59	Psup	5.905	0	24.0599	0	0.2651	0	17.4464
NE+5.00	B54	59	Psup	6.615	0	33.9525	0	0.2651	0	-3.148
NE+5.00	B54	59	Psup	7.325	0	43.6998	0	0.2651	0	-30.7561
NE+5.00	B54	59	Psup	8.035	0	49.2147	0	0.2651	0	-64.1402
NE+5.00	B54	59	Viva.cub	0.225	0	-0.0021	0	-0.0003	0	-0.0081
NE+5.00	B54	59	Viva.cub	0.935	0	-0.0021	0	-0.0003	0	-0.0066
NE+5.00	B54	59	Viva.cub	1.645	0	-0.0021	0	-0.0003	0	-0.0052

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B54	59	Viva.cub	2.355	0	-0.0021	0	-0.0003	0	-0.0037
NE+5.00	B54	59	Viva.cub	3.065	0	-0.0021	0	-0.0003	0	-0.0022
NE+5.00	B54	59	Viva.cub	3.775	0	-0.0021	0	-0.0003	0	-0.0007
NE+5.00	B54	59	Viva.cub	4.485	0	-0.0021	0	-0.0003	0	0.0008
NE+5.00	B54	59	Viva.cub	5.195	0	-0.0021	0	-0.0003	0	0.0022
NE+5.00	B54	59	Viva.cub	5.905	0	-0.0021	0	-0.0003	0	0.0037
NE+5.00	B54	59	Viva.cub	6.615	0	-0.0021	0	-0.0003	0	0.0052
NE+5.00	B54	59	Viva.cub	7.325	0	-0.0021	0	-0.0003	0	0.0067
NE+5.00	B54	59	Viva.cub	8.035	0	-0.0021	0	-0.0003	0	0.0082
NE+5.00	B54	59	DISX-COMB Max	0.225	0	34.0565	0	3.1005	0	131.0391
NE+5.00	B54	59	DISX-COMB Max	0.935	0	34.0565	0	3.1005	0	106.8591
NE+5.00	B54	59	DISX-COMB Max	1.645	0	34.0565	0	3.1005	0	82.6792
NE+5.00	B54	59	DISX-COMB Max	2.355	0	34.0565	0	3.1005	0	58.4995
NE+5.00	B54	59	DISX-COMB Max	3.065	0	34.0565	0	3.1005	0	34.3203
NE+5.00	B54	59	DISX-COMB Max	3.775	0	34.0565	0	3.1005	0	10.1452
NE+5.00	B54	59	DISX-COMB Max	4.485	0	34.0565	0	3.1005	0	14.047
NE+5.00	B54	59	DISX-COMB Max	5.195	0	34.0565	0	3.1005	0	38.2239
NE+5.00	B54	59	DISX-COMB Max	5.905	0	34.0565	0	3.1005	0	62.4032
NE+5.00	B54	59	DISX-COMB Max	6.615	0	34.0565	0	3.1005	0	86.583
NE+5.00	B54	59	DISX-COMB Max	7.325	0	34.0565	0	3.1005	0	110.7629
NE+5.00	B54	59	DISX-COMB Max	8.035	0	34.0565	0	3.1005	0	134.9429
NE+5.00	B54	59	DISY-COMB Max	0.225	0	0.9943	0	0.671	0	3.8267
NE+5.00	B54	59	DISY-COMB Max	0.935	0	0.9943	0	0.671	0	3.1208
NE+5.00	B54	59	DISY-COMB Max	1.645	0	0.9943	0	0.671	0	2.4149
NE+5.00	B54	59	DISY-COMB Max	2.355	0	0.9943	0	0.671	0	1.709
NE+5.00	B54	59	DISY-COMB Max	3.065	0	0.9943	0	0.671	0	1.0032
NE+5.00	B54	59	DISY-COMB Max	3.775	0	0.9943	0	0.671	0	0.2983
NE+5.00	B54	59	DISY-COMB Max	4.485	0	0.9943	0	0.671	0	0.41
NE+5.00	B54	59	DISY-COMB Max	5.195	0	0.9943	0	0.671	0	1.1153
NE+5.00	B54	59	DISY-COMB Max	5.905	0	0.9943	0	0.671	0	1.8211
NE+5.00	B54	59	DISY-COMB Max	6.615	0	0.9943	0	0.671	0	2.527
NE+5.00	B54	59	DISY-COMB Max	7.325	0	0.9943	0	0.671	0	3.2329
NE+5.00	B54	59	DISY-COMB Max	8.035	0	0.9943	0	0.671	0	3.9388
NE+5.00	B54	59	B241	0.225	0	-87.4502	0	0.3857	0	-117.9649
NE+5.00	B54	59	B241	0.935	0	-76.3651	0	0.3857	0	-59.2927
NE+5.00	B54	59	B241	1.645	0	-59.7935	0	0.3857	0	-10.9025
NE+5.00	B54	59	B241	2.355	0	-43.0335	0	0.3857	0	25.6011
NE+5.00	B54	59	B241	3.065	0	-26.2735	0	0.3857	0	50.2051
NE+5.00	B54	59	B241	3.775	0	-9.5135	0	0.3857	0	62.9095
NE+5.00	B54	59	B241	4.485	0	7.2465	0	0.3857	0	63.7143
NE+5.00	B54	59	B241	5.195	0	24.0065	0	0.3857	0	52.6195
NE+5.00	B54	59	B241	5.905	0	40.7665	0	0.3857	0	29.6251
NE+5.00	B54	59	B241	6.615	0	57.5265	0	0.3857	0	-5.2689
NE+5.00	B54	59	B241	7.325	0	74.0981	0	0.3857	0	-52.0494
NE+5.00	B54	59	B241	8.035	0	85.1832	0	0.3857	0	-109.112

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B54	59	B242	0.225	0	-115.6674	0	0.3827	0	-156.6538
NE+5.00	B54	59	B242	0.935	0	-101.5537	0	0.3827	0	-78.7625
NE+5.00	B54	59	B242	1.645	0	-79.4963	0	0.3827	0	-14.4237
NE+5.00	B54	59	B242	2.355	0	-57.208	0	0.3827	0	34.1063
NE+5.00	B54	59	B242	3.065	0	-34.9196	0	0.3827	0	66.8116
NE+5.00	B54	59	B242	3.775	0	-12.6312	0	0.3827	0	83.6921
NE+5.00	B54	59	B242	4.485	0	9.6571	0	0.3827	0	84.7479
NE+5.00	B54	59	B242	5.195	0	31.9455	0	0.3827	0	69.979
NE+5.00	B54	59	B242	5.905	0	54.2339	0	0.3827	0	39.3853
NE+5.00	B54	59	B242	6.615	0	76.5222	0	0.3827	0	-7.0331
NE+5.00	B54	59	B242	7.325	0	98.5797	0	0.3827	0	-69.2603
NE+5.00	B54	59	B242	8.035	0	112.6933	0	0.3827	0	-145.04
NE+5.00	B55	60	Pprop	0.225	0	-14.9341	0	-0.0004	0	-11.3334
NE+5.00	B55	60	Pprop	0.9214	0	-11.9559	0	-0.0004	0	-1.9708
NE+5.00	B55	60	Pprop	1.6177	0	-8.9777	0	-0.0004	0	5.3179
NE+5.00	B55	60	Pprop	2.3141	0	-5.9995	0	-0.0004	0	10.5327
NE+5.00	B55	60	Pprop	3.0105	0	-3.0213	0	-0.0004	0	13.6735
NE+5.00	B55	60	Pprop	3.7068	0	-0.0431	0	-0.0004	0	14.7405
NE+5.00	B55	60	Pprop	4.4032	0	2.9351	0	-0.0004	0	13.7335
NE+5.00	B55	60	Pprop	5.0995	0	5.9133	0	-0.0004	0	10.6526
NE+5.00	B55	60	Pprop	5.7959	0	8.8916	0	-0.0004	0	5.4978
NE+5.00	B55	60	Pprop	6.4923	0	11.8698	0	-0.0004	0	-1.7309
NE+5.00	B55	60	Pprop	7.1886	0	14.848	0	-0.0004	0	-11.0335
NE+5.00	B55	60	Pprop	7.885	0	17.8262	0	-0.0004	0	-22.4101
NE+5.00	B55	60	Viva	0.225	0	-22.3345	0	0.0108	0	-18.5093
NE+5.00	B55	60	Viva	0.9214	0	-19.5405	0	0.0108	0	-3.7323
NE+5.00	B55	60	Viva	1.6177	0	-14.7338	0	0.0108	0	8.2151
NE+5.00	B55	60	Viva	2.3141	0	-9.8773	0	0.0108	0	16.7843
NE+5.00	B55	60	Viva	3.0105	0	-5.0207	0	0.0108	0	21.9715
NE+5.00	B55	60	Viva	3.7068	0	-0.1642	0	0.0108	0	23.7768
NE+5.00	B55	60	Viva	4.4032	0	4.6924	0	0.0108	0	22.2001
NE+5.00	B55	60	Viva	5.0995	0	9.549	0	0.0108	0	17.2415
NE+5.00	B55	60	Viva	5.7959	0	14.4055	0	0.0108	0	8.901
NE+5.00	B55	60	Viva	6.4923	0	19.2621	0	0.0108	0	-2.8214
NE+5.00	B55	60	Viva	7.1886	0	24.0687	0	0.0108	0	-17.9221
NE+5.00	B55	60	Viva	7.885	0	26.8627	0	0.0108	0	-35.8525
NE+5.00	B55	60	Psup	0.225	0	-44.8074	0	-1.3378	0	-39.2429
NE+5.00	B55	60	Psup	0.9214	0	-39.4621	0	-1.3378	0	-9.5249
NE+5.00	B55	60	Psup	1.6177	0	-29.9253	0	-1.3378	0	14.68
NE+5.00	B55	60	Psup	2.3141	0	-20.2227	0	-1.3378	0	32.1407
NE+5.00	B55	60	Psup	3.0105	0	-10.5201	0	-1.3378	0	42.8447
NE+5.00	B55	60	Psup	3.7068	0	-0.8175	0	-1.3378	0	46.7923
NE+5.00	B55	60	Psup	4.4032	0	8.8851	0	-1.3378	0	43.9833
NE+5.00	B55	60	Psup	5.0995	0	18.5878	0	-1.3378	0	34.4177
NE+5.00	B55	60	Psup	5.7959	0	28.2904	0	-1.3378	0	18.0956

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B55	60	Psup	6.4923	0	37.993	0	-1.3378	0	-4.9831
NE+5.00	B55	60	Psup	7.1886	0	47.5298	0	-1.3378	0	-34.8061
NE+5.00	B55	60	Psup	7.885	0	52.8751	0	-1.3378	0	-70.1421
NE+5.00	B55	60	Viva.cub	0.225	0	-0.0011	0	0.0001	0	-0.0038
NE+5.00	B55	60	Viva.cub	0.9214	0	-0.0011	0	0.0001	0	-0.003
NE+5.00	B55	60	Viva.cub	1.6177	0	-0.0011	0	0.0001	0	-0.0022
NE+5.00	B55	60	Viva.cub	2.3141	0	-0.0011	0	0.0001	0	-0.0014
NE+5.00	B55	60	Viva.cub	3.0105	0	-0.0011	0	0.0001	0	-0.0006
NE+5.00	B55	60	Viva.cub	3.7068	0	-0.0011	0	0.0001	0	0.0002
NE+5.00	B55	60	Viva.cub	4.4032	0	-0.0011	0	0.0001	0	0.001
NE+5.00	B55	60	Viva.cub	5.0995	0	-0.0011	0	0.0001	0	0.0017
NE+5.00	B55	60	Viva.cub	5.7959	0	-0.0011	0	0.0001	0	0.0025
NE+5.00	B55	60	Viva.cub	6.4923	0	-0.0011	0	0.0001	0	0.0033
NE+5.00	B55	60	Viva.cub	7.1886	0	-0.0011	0	0.0001	0	0.0041
NE+5.00	B55	60	Viva.cub	7.885	0	-0.0011	0	0.0001	0	0.0049
NE+5.00	B55	60	DISX-COMB Max	0.225	0	45.5087	0	2.4845	0	190.4339
NE+5.00	B55	60	DISX-COMB Max	0.9214	0	45.5087	0	2.4845	0	158.7435
NE+5.00	B55	60	DISX-COMB Max	1.6177	0	45.5087	0	2.4845	0	127.0531
NE+5.00	B55	60	DISX-COMB Max	2.3141	0	45.5087	0	2.4845	0	95.3629
NE+5.00	B55	60	DISX-COMB Max	3.0105	0	45.5087	0	2.4845	0	63.6731
NE+5.00	B55	60	DISX-COMB Max	3.7068	0	45.5087	0	2.4845	0	31.9849
NE+5.00	B55	60	DISX-COMB Max	4.4032	0	45.5087	0	2.4845	0	0.6232
NE+5.00	B55	60	DISX-COMB Max	5.0995	0	45.5087	0	2.4845	0	31.4059
NE+5.00	B55	60	DISX-COMB Max	5.7959	0	45.5087	0	2.4845	0	63.094
NE+5.00	B55	60	DISX-COMB Max	6.4923	0	45.5087	0	2.4845	0	94.7838
NE+5.00	B55	60	DISX-COMB Max	7.1886	0	45.5087	0	2.4845	0	126.474
NE+5.00	B55	60	DISX-COMB Max	7.885	0	45.5087	0	2.4845	0	158.1644
NE+5.00	B55	60	DISY-COMB Max	0.225	0	1.3263	0	0.5384	0	5.5483
NE+5.00	B55	60	DISY-COMB Max	0.9214	0	1.3263	0	0.5384	0	4.6248
NE+5.00	B55	60	DISY-COMB Max	1.6177	0	1.3263	0	0.5384	0	3.7013
NE+5.00	B55	60	DISY-COMB Max	2.3141	0	1.3263	0	0.5384	0	2.7779
NE+5.00	B55	60	DISY-COMB Max	3.0105	0	1.3263	0	0.5384	0	1.8546
NE+5.00	B55	60	DISY-COMB Max	3.7068	0	1.3263	0	0.5384	0	0.9318
NE+5.00	B55	60	DISY-COMB Max	4.4032	0	1.3263	0	0.5384	0	0.0555
NE+5.00	B55	60	DISY-COMB Max	5.0995	0	1.3263	0	0.5384	0	0.9186
NE+5.00	B55	60	DISY-COMB Max	5.7959	0	1.3263	0	0.5384	0	1.8414
NE+5.00	B55	60	DISY-COMB Max	6.4923	0	1.3263	0	0.5384	0	2.7647
NE+5.00	B55	60	DISY-COMB Max	7.1886	0	1.3263	0	0.5384	0	3.6881
NE+5.00	B55	60	DISY-COMB Max	7.885	0	1.3263	0	0.5384	0	4.6116
NE+5.00	B55	60	B241	0.225	0	-77.4427	0	-1.7347	0	-65.5619
NE+5.00	B55	60	B241	0.9214	0	-66.653	0	-1.7347	0	-14.9019
NE+5.00	B55	60	B241	1.6177	0	-50.4298	0	-1.7347	0	25.9232
NE+5.00	B55	60	B241	2.3141	0	-33.9917	0	-1.7347	0	55.3173
NE+5.00	B55	60	B241	3.0105	0	-17.5536	0	-1.7347	0	73.2644
NE+5.00	B55	60	B241	3.7068	0	-1.1155	0	-1.7347	0	79.7647

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B55	60	B241	4.4032	0	15.3226	0	-1.7347	0	74.8181
NE+5.00	B55	60	B241	5.0995	0	31.7607	0	-1.7347	0	58.4245
NE+5.00	B55	60	B241	5.7959	0	48.1988	0	-1.7347	0	30.5841
NE+5.00	B55	60	B241	6.4923	0	64.6369	0	-1.7347	0	-8.7033
NE+5.00	B55	60	B241	7.1886	0	80.86	0	-1.7347	0	-59.4217
NE+5.00	B55	60	B241	7.885	0	91.6498	0	-1.7347	0	-119.975
NE+5.00	B55	60	B242	0.225	0	-102.1152	0	-1.4696	0	-85.8127
NE+5.00	B55	60	B242	0.9214	0	-88.3964	0	-1.4696	0	-18.7462
NE+5.00	B55	60	B242	1.6177	0	-66.8003	0	-1.4696	0	35.363
NE+5.00	B55	60	B242	2.3141	0	-44.94	0	-1.4696	0	74.269
NE+5.00	B55	60	B242	3.0105	0	-23.0797	0	-1.4696	0	97.9522
NE+5.00	B55	60	B242	3.7068	0	-1.2194	0	-1.4696	0	106.4126
NE+5.00	B55	60	B242	4.4032	0	20.6409	0	-1.4696	0	99.6504
NE+5.00	B55	60	B242	5.0995	0	42.5012	0	-1.4696	0	77.6655
NE+5.00	B55	60	B242	5.7959	0	64.3615	0	-1.4696	0	40.4578
NE+5.00	B55	60	B242	6.4923	0	86.2218	0	-1.4696	0	-11.9726
NE+5.00	B55	60	B242	7.1886	0	107.818	0	-1.4696	0	-79.6063
NE+5.00	B55	60	B242	7.885	0	121.5367	0	-1.4696	0	-160.1973
NE+5.00	B119	129	Pprop	0	0	-9.1434	0	-0.2427	0	0
NE+5.00	B119	129	Pprop	0.7373	0	-7.0413	0	-0.2427	0	5.9663
NE+5.00	B119	129	Pprop	1.4745	0	-4.9392	0	-0.2427	0	10.3827
NE+5.00	B119	129	Pprop	2.2118	0	-2.8371	0	-0.2427	0	13.2493
NE+5.00	B119	129	Pprop	2.9491	0	-0.7349	0	-0.2427	0	14.5661
NE+5.00	B119	129	Pprop	3.6864	0	1.3672	0	-0.2427	0	14.333
NE+5.00	B119	129	Pprop	4.4236	0	3.4693	0	-0.2427	0	12.5501
NE+5.00	B119	129	Pprop	5.1609	0	5.5714	0	-0.2427	0	9.2174
NE+5.00	B119	129	Pprop	5.8982	0	7.6735	0	-0.2427	0	4.3348
NE+5.00	B119	129	Pprop	6.6355	0	9.7756	0	-0.2427	0	-2.0975
NE+5.00	B119	129	Pprop	7.3727	0	11.8777	0	-0.2427	0	-10.0797
NE+5.00	B119	129	Pprop	8.11	0	13.9798	0	-0.2427	0	-19.6118
NE+5.00	B119	129	Viva	0	0	-12.1961	0	-0.3832	0	0
NE+5.00	B119	129	Viva	0.7373	0	-11.1089	0	-0.3832	0	8.7247
NE+5.00	B119	129	Viva	1.4745	0	-8.0669	0	-0.3832	0	15.8705
NE+5.00	B119	129	Viva	2.2118	0	-4.6951	0	-0.3832	0	20.5751
NE+5.00	B119	129	Viva	2.9491	0	-1.3233	0	-0.3832	0	22.7937
NE+5.00	B119	129	Viva	3.6864	0	2.0485	0	-0.3832	0	22.5264
NE+5.00	B119	129	Viva	4.4236	0	5.4203	0	-0.3832	0	19.7732
NE+5.00	B119	129	Viva	5.1609	0	8.792	0	-0.3832	0	14.534
NE+5.00	B119	129	Viva	5.8982	0	12.1638	0	-0.3832	0	6.8089
NE+5.00	B119	129	Viva	6.6355	0	15.5356	0	-0.3832	0	-3.4021
NE+5.00	B119	129	Viva	7.3727	0	18.5777	0	-0.3832	0	-16.0545
NE+5.00	B119	129	Viva	8.11	0	19.6648	0	-0.3832	0	-30.2856
NE+5.00	B119	129	Psup	0	0	-40.863	0	-1.2647	0	0
NE+5.00	B119	129	Psup	0.7373	0	-37.2233	0	-1.2647	0	29.2327
NE+5.00	B119	129	Psup	1.4745	0	-27.0386	0	-1.2647	0	53.1795

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B119	129	Psup	2.2118	0	-15.7498	0	-1.2647	0	68.9528
NE+5.00	B119	129	Psup	2.9491	0	-4.461	0	-1.2647	0	76.4033
NE+5.00	B119	129	Psup	3.6864	0	6.8277	0	-1.2647	0	75.5308
NE+5.00	B119	129	Psup	4.4236	0	18.1165	0	-1.2647	0	66.3355
NE+5.00	B119	129	Psup	5.1609	0	29.4053	0	-1.2647	0	48.8173
NE+5.00	B119	129	Psup	5.8982	0	40.694	0	-1.2647	0	22.9761
NE+5.00	B119	129	Psup	6.6355	0	51.9828	0	-1.2647	0	-11.1879
NE+5.00	B119	129	Psup	7.3727	0	62.1675	0	-1.2647	0	-53.5255
NE+5.00	B119	129	Psup	8.11	0	65.8072	0	-1.2647	0	-101.1488
NE+5.00	B119	129	Viva.cub	0	0	-9.92E-06	0	0.0001	0	0
NE+5.00	B119	129	Viva.cub	0.7373	0	-9.92E-06	0	0.0001	0	7.314E-06
NE+5.00	B119	129	Viva.cub	1.4745	0	-9.92E-06	0	0.0001	0	1.463E-05
NE+5.00	B119	129	Viva.cub	2.2118	0	-9.92E-06	0	0.0001	0	2.194E-05
NE+5.00	B119	129	Viva.cub	2.9491	0	-9.92E-06	0	0.0001	0	2.926E-05
NE+5.00	B119	129	Viva.cub	3.6864	0	-9.92E-06	0	0.0001	0	3.657E-05
NE+5.00	B119	129	Viva.cub	4.4236	0	-9.92E-06	0	0.0001	0	4.388E-05
NE+5.00	B119	129	Viva.cub	5.1609	0	-9.92E-06	0	0.0001	0	0.0001
NE+5.00	B119	129	Viva.cub	5.8982	0	-9.92E-06	0	0.0001	0	0.0001
NE+5.00	B119	129	Viva.cub	6.6355	0	-9.92E-06	0	0.0001	0	0.0001
NE+5.00	B119	129	Viva.cub	7.3727	0	-9.92E-06	0	0.0001	0	0.0001
NE+5.00	B119	129	Viva.cub	8.11	0	-9.92E-06	0	0.0001	0	0.0001
NE+5.00	B119	129	DISX-COMB Max	0	0	1.0052	0	0.3232	0	0
NE+5.00	B119	129	DISX-COMB Max	0.7373	0	1.0052	0	0.3232	0	0.7411
NE+5.00	B119	129	DISX-COMB Max	1.4745	0	1.0052	0	0.3232	0	1.4823
NE+5.00	B119	129	DISX-COMB Max	2.2118	0	1.0052	0	0.3232	0	2.2234
NE+5.00	B119	129	DISX-COMB Max	2.9491	0	1.0052	0	0.3232	0	2.9645
NE+5.00	B119	129	DISX-COMB Max	3.6864	0	1.0052	0	0.3232	0	3.7057
NE+5.00	B119	129	DISX-COMB Max	4.4236	0	1.0052	0	0.3232	0	4.4468
NE+5.00	B119	129	DISX-COMB Max	5.1609	0	1.0052	0	0.3232	0	5.1879
NE+5.00	B119	129	DISX-COMB Max	5.8982	0	1.0052	0	0.3232	0	5.9291
NE+5.00	B119	129	DISX-COMB Max	6.6355	0	1.0052	0	0.3232	0	6.6702
NE+5.00	B119	129	DISX-COMB Max	7.3727	0	1.0052	0	0.3232	0	7.4113
NE+5.00	B119	129	DISX-COMB Max	8.11	0	1.0052	0	0.3232	0	8.1525
NE+5.00	B119	129	DISY-COMB Max	0	0	0.0466	0	0.0897	0	0
NE+5.00	B119	129	DISY-COMB Max	0.7373	0	0.0466	0	0.0897	0	0.0344
NE+5.00	B119	129	DISY-COMB Max	1.4745	0	0.0466	0	0.0897	0	0.0687
NE+5.00	B119	129	DISY-COMB Max	2.2118	0	0.0466	0	0.0897	0	0.1031
NE+5.00	B119	129	DISY-COMB Max	2.9491	0	0.0466	0	0.0897	0	0.1375
NE+5.00	B119	129	DISY-COMB Max	3.6864	0	0.0466	0	0.0897	0	0.1718
NE+5.00	B119	129	DISY-COMB Max	4.4236	0	0.0466	0	0.0897	0	0.2062
NE+5.00	B119	129	DISY-COMB Max	5.1609	0	0.0466	0	0.0897	0	0.2406
NE+5.00	B119	129	DISY-COMB Max	5.8982	0	0.0466	0	0.0897	0	0.2749
NE+5.00	B119	129	DISY-COMB Max	6.6355	0	0.0466	0	0.0897	0	0.3093
NE+5.00	B119	129	DISY-COMB Max	7.3727	0	0.0466	0	0.0897	0	0.3437
NE+5.00	B119	129	DISY-COMB Max	8.11	0	0.0466	0	0.0897	0	0.378

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B119	129	B241	0	0	-64.8231	0	-1.9541	0	0
NE+5.00	B119	129	B241	0.7373	0	-57.38	0	-1.9541	0	45.6283
NE+5.00	B119	129	B241	1.4745	0	-41.4526	0	-1.9541	0	82.3954
NE+5.00	B119	129	B241	2.2118	0	-24.0941	0	-1.9541	0	106.5583
NE+5.00	B119	129	B241	2.9491	0	-6.7355	0	-1.9541	0	117.9232
NE+5.00	B119	129	B241	3.6864	0	10.623	0	-1.9541	0	116.4902
NE+5.00	B119	129	B241	4.4236	0	27.9816	0	-1.9541	0	102.2591
NE+5.00	B119	129	B241	5.1609	0	45.3401	0	-1.9541	0	75.2301
NE+5.00	B119	129	B241	5.8982	0	62.6987	0	-1.9541	0	35.4031
NE+5.00	B119	129	B241	6.6355	0	80.0572	0	-1.9541	0	-17.2219
NE+5.00	B119	129	B241	7.3727	0	95.9845	0	-1.9541	0	-82.4512
NE+5.00	B119	129	B241	8.11	0	103.4277	0	-1.9541	0	-156.5415
NE+5.00	B119	129	B242	0	0	-75.0764	0	-2.288	0	0
NE+5.00	B119	129	B242	0.7373	0	-66.9571	0	-2.288	0	53.0694
NE+5.00	B119	129	B242	1.4745	0	-48.4379	0	-2.288	0	96.0175
NE+5.00	B119	129	B242	2.2118	0	-28.1643	0	-2.288	0	124.2559
NE+5.00	B119	129	B242	2.9491	0	-7.8907	0	-2.288	0	137.547
NE+5.00	B119	129	B242	3.6864	0	12.383	0	-2.288	0	135.891
NE+5.00	B119	129	B242	4.4236	0	32.6566	0	-2.288	0	119.2878
NE+5.00	B119	129	B242	5.1609	0	52.9302	0	-2.288	0	87.7374
NE+5.00	B119	129	B242	5.8982	0	73.2038	0	-2.288	0	41.2398
NE+5.00	B119	129	B242	6.6355	0	93.4775	0	-2.288	0	-20.205
NE+5.00	B119	129	B242	7.3727	0	111.9967	0	-2.288	0	-96.3595
NE+5.00	B119	129	B242	8.11	0	120.116	0	-2.288	0	-182.6354
NE+5.00	B120	130	Pprop	0	0	-9.1467	0	0.2058	0	0
NE+5.00	B120	130	Pprop	0.7373	0	-7.0446	0	0.2058	0	5.9687
NE+5.00	B120	130	Pprop	1.4745	0	-4.9425	0	0.2058	0	10.3875
NE+5.00	B120	130	Pprop	2.2118	0	-2.8403	0	0.2058	0	13.2566
NE+5.00	B120	130	Pprop	2.9491	0	-0.7382	0	0.2058	0	14.5757
NE+5.00	B120	130	Pprop	3.6864	0	1.3639	0	0.2058	0	14.3451
NE+5.00	B120	130	Pprop	4.4236	0	3.466	0	0.2058	0	12.5646
NE+5.00	B120	130	Pprop	5.1609	0	5.5681	0	0.2058	0	9.2343
NE+5.00	B120	130	Pprop	5.8982	0	7.6702	0	0.2058	0	4.3542
NE+5.00	B120	130	Pprop	6.6355	0	9.7723	0	0.2058	0	-2.0757
NE+5.00	B120	130	Pprop	7.3727	0	11.8744	0	0.2058	0	-10.0555
NE+5.00	B120	130	Pprop	8.11	0	13.9766	0	0.2058	0	-19.5851
NE+5.00	B120	130	Viva	0	0	-12.2007	0	0.3263	0	0
NE+5.00	B120	130	Viva	0.7373	0	-11.1136	0	0.3263	0	8.7281
NE+5.00	B120	130	Viva	1.4745	0	-8.0715	0	0.3263	0	15.8773
NE+5.00	B120	130	Viva	2.2118	0	-4.6998	0	0.3263	0	20.5853
NE+5.00	B120	130	Viva	2.9491	0	-1.328	0	0.3263	0	22.8073
NE+5.00	B120	130	Viva	3.6864	0	2.0438	0	0.3263	0	22.5434
NE+5.00	B120	130	Viva	4.4236	0	5.4156	0	0.3263	0	19.7936
NE+5.00	B120	130	Viva	5.1609	0	8.7874	0	0.3263	0	14.5578
NE+5.00	B120	130	Viva	5.8982	0	12.1592	0	0.3263	0	6.8361

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B120	130	Viva	6.6355	0	15.531	0	0.3263	0	-3.3715
NE+5.00	B120	130	Viva	7.3727	0	18.573	0	0.3263	0	-16.0204
NE+5.00	B120	130	Viva	8.11	0	19.6602	0	0.3263	0	-30.2481
NE+5.00	B120	130	Psup	0	0	-40.8516	0	1.2389	0	0
NE+5.00	B120	130	Psup	0.7373	0	-37.2119	0	1.2389	0	29.2243
NE+5.00	B120	130	Psup	1.4745	0	-27.0272	0	1.2389	0	53.1627
NE+5.00	B120	130	Psup	2.2118	0	-15.7384	0	1.2389	0	68.9276
NE+5.00	B120	130	Psup	2.9491	0	-4.4496	0	1.2389	0	76.3697
NE+5.00	B120	130	Psup	3.6864	0	6.8391	0	1.2389	0	75.4889
NE+5.00	B120	130	Psup	4.4236	0	18.1279	0	1.2389	0	66.2851
NE+5.00	B120	130	Psup	5.1609	0	29.4167	0	1.2389	0	48.7585
NE+5.00	B120	130	Psup	5.8982	0	40.7054	0	1.2389	0	22.9089
NE+5.00	B120	130	Psup	6.6355	0	51.9942	0	1.2389	0	-11.2635
NE+5.00	B120	130	Psup	7.3727	0	62.1789	0	1.2389	0	-53.6094
NE+5.00	B120	130	Psup	8.11	0	65.8186	0	1.2389	0	-101.2412
NE+5.00	B120	130	Viva.cub	0	0	-0.0007	0	-0.0005	0	0
NE+5.00	B120	130	Viva.cub	0.7373	0	-0.0007	0	-0.0005	0	0.0005
NE+5.00	B120	130	Viva.cub	1.4745	0	-0.0007	0	-0.0005	0	0.0011
NE+5.00	B120	130	Viva.cub	2.2118	0	-0.0007	0	-0.0005	0	0.0016
NE+5.00	B120	130	Viva.cub	2.9491	0	-0.0007	0	-0.0005	0	0.0022
NE+5.00	B120	130	Viva.cub	3.6864	0	-0.0007	0	-0.0005	0	0.0027
NE+5.00	B120	130	Viva.cub	4.4236	0	-0.0007	0	-0.0005	0	0.0033
NE+5.00	B120	130	Viva.cub	5.1609	0	-0.0007	0	-0.0005	0	0.0038
NE+5.00	B120	130	Viva.cub	5.8982	0	-0.0007	0	-0.0005	0	0.0044
NE+5.00	B120	130	Viva.cub	6.6355	0	-0.0007	0	-0.0005	0	0.0049
NE+5.00	B120	130	Viva.cub	7.3727	0	-0.0007	0	-0.0005	0	0.0054
NE+5.00	B120	130	Viva.cub	8.11	0	-0.0007	0	-0.0005	0	0.006
NE+5.00	B120	130	DISX-COMB Max	0	0	1.134	0	0.2559	0	0
NE+5.00	B120	130	DISX-COMB Max	0.7373	0	1.134	0	0.2559	0	0.8361
NE+5.00	B120	130	DISX-COMB Max	1.4745	0	1.134	0	0.2559	0	1.6722
NE+5.00	B120	130	DISX-COMB Max	2.2118	0	1.134	0	0.2559	0	2.5082
NE+5.00	B120	130	DISX-COMB Max	2.9491	0	1.134	0	0.2559	0	3.3443
NE+5.00	B120	130	DISX-COMB Max	3.6864	0	1.134	0	0.2559	0	4.1804
NE+5.00	B120	130	DISX-COMB Max	4.4236	0	1.134	0	0.2559	0	5.0165
NE+5.00	B120	130	DISX-COMB Max	5.1609	0	1.134	0	0.2559	0	5.8526
NE+5.00	B120	130	DISX-COMB Max	5.8982	0	1.134	0	0.2559	0	6.6886
NE+5.00	B120	130	DISX-COMB Max	6.6355	0	1.134	0	0.2559	0	7.5247
NE+5.00	B120	130	DISX-COMB Max	7.3727	0	1.134	0	0.2559	0	8.3608
NE+5.00	B120	130	DISX-COMB Max	8.11	0	1.134	0	0.2559	0	9.1969
NE+5.00	B120	130	DISY-COMB Max	0	0	0.0659	0	0.055	0	0
NE+5.00	B120	130	DISY-COMB Max	0.7373	0	0.0659	0	0.055	0	0.0486
NE+5.00	B120	130	DISY-COMB Max	1.4745	0	0.0659	0	0.055	0	0.0972
NE+5.00	B120	130	DISY-COMB Max	2.2118	0	0.0659	0	0.055	0	0.1457
NE+5.00	B120	130	DISY-COMB Max	2.9491	0	0.0659	0	0.055	0	0.1943
NE+5.00	B120	130	DISY-COMB Max	3.6864	0	0.0659	0	0.055	0	0.2429

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B120	130	DISY-COMB Max	4.4236	0	0.0659	0	0.055	0	0.2915
NE+5.00	B120	130	DISY-COMB Max	5.1609	0	0.0659	0	0.055	0	0.3401
NE+5.00	B120	130	DISY-COMB Max	5.8982	0	0.0659	0	0.055	0	0.3887
NE+5.00	B120	130	DISY-COMB Max	6.6355	0	0.0659	0	0.055	0	0.4372
NE+5.00	B120	130	DISY-COMB Max	7.3727	0	0.0659	0	0.055	0	0.4858
NE+5.00	B120	130	DISY-COMB Max	8.11	0	0.0659	0	0.055	0	0.5344
NE+5.00	B120	130	B241	0	0	-64.8126	0	1.8728	0	0
NE+5.00	B120	130	B241	0.7373	0	-57.3695	0	1.8728	0	45.6205
NE+5.00	B120	130	B241	1.4745	0	-41.4421	0	1.8728	0	82.3799
NE+5.00	B120	130	B241	2.2118	0	-24.0836	0	1.8728	0	106.5351
NE+5.00	B120	130	B241	2.9491	0	-6.725	0	1.8728	0	117.8922
NE+5.00	B120	130	B241	3.6864	0	10.6335	0	1.8728	0	116.4514
NE+5.00	B120	130	B241	4.4236	0	27.9921	0	1.8728	0	102.2126
NE+5.00	B120	130	B241	5.1609	0	45.3506	0	1.8728	0	75.1758
NE+5.00	B120	130	B241	5.8982	0	62.7092	0	1.8728	0	35.3411
NE+5.00	B120	130	B241	6.6355	0	80.0677	0	1.8728	0	-17.2917
NE+5.00	B120	130	B241	7.3727	0	95.995	0	1.8728	0	-82.5287
NE+5.00	B120	130	B241	8.11	0	103.4382	0	1.8728	0	-156.6268
NE+5.00	B120	130	B242	0	0	-75.0752	0	2.1272	0	0
NE+5.00	B120	130	B242	0.7373	0	-66.9559	0	2.1272	0	53.0685
NE+5.00	B120	130	B242	1.4745	0	-48.4367	0	2.1272	0	96.0157
NE+5.00	B120	130	B242	2.2118	0	-28.163	0	2.1272	0	124.2531
NE+5.00	B120	130	B242	2.9491	0	-7.8894	0	2.1272	0	137.5433
NE+5.00	B120	130	B242	3.6864	0	12.3842	0	2.1272	0	135.8864
NE+5.00	B120	130	B242	4.4236	0	32.6578	0	2.1272	0	119.2822
NE+5.00	B120	130	B242	5.1609	0	52.9315	0	2.1272	0	87.7309
NE+5.00	B120	130	B242	5.8982	0	73.2051	0	2.1272	0	41.2324
NE+5.00	B120	130	B242	6.6355	0	93.4787	0	2.1272	0	-20.2133
NE+5.00	B120	130	B242	7.3727	0	111.998	0	2.1272	0	-96.3688
NE+5.00	B120	130	B242	8.11	0	120.1172	0	2.1272	0	-182.6456
NE+5.00	B121	131	Pprop	0	0	-12.1251	0	0.051	0	-18.5524
NE+5.00	B121	131	Pprop	0.7509	0	-9.9841	0	0.051	0	-10.2514
NE+5.00	B121	131	Pprop	1.5018	0	-7.8431	0	0.051	0	-3.558
NE+5.00	B121	131	Pprop	2.2527	0	-5.7021	0	0.051	0	1.5276
NE+5.00	B121	131	Pprop	3.0036	0	-3.5612	0	0.051	0	5.0056
NE+5.00	B121	131	Pprop	3.7545	0	-1.4202	0	0.051	0	6.8758
NE+5.00	B121	131	Pprop	4.5055	0	0.7208	0	0.051	0	7.1384
NE+5.00	B121	131	Pprop	5.2564	0	2.8618	0	0.051	0	5.7933
NE+5.00	B121	131	Pprop	6.0073	0	5.0028	0	0.051	0	2.8405
NE+5.00	B121	131	Pprop	6.7582	0	7.1438	0	0.051	0	-1.7201
NE+5.00	B121	131	Pprop	7.5091	0	9.2848	0	0.051	0	-7.8882
NE+5.00	B121	131	Pprop	8.26	0	11.4258	0	0.051	0	-15.6641
NE+5.00	B121	131	Viva	0	0	-16.8041	0	0.0642	0	-28.6856
NE+5.00	B121	131	Viva	0.7509	0	-15.6764	0	0.0642	0	-16.3495
NE+5.00	B121	131	Viva	1.5018	0	-12.5502	0	0.0642	0	-5.6764

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B121	131	Viva	2.2527	0	-9.116	0	0.0642	0	2.4583
NE+5.00	B121	131	Viva	3.0036	0	-5.6819	0	0.0642	0	8.0143
NE+5.00	B121	131	Viva	3.7545	0	-2.2477	0	0.0642	0	10.9915
NE+5.00	B121	131	Viva	4.5055	0	1.1864	0	0.0642	0	11.3899
NE+5.00	B121	131	Viva	5.2564	0	4.6206	0	0.0642	0	9.2097
NE+5.00	B121	131	Viva	6.0073	0	8.0548	0	0.0642	0	4.4506
NE+5.00	B121	131	Viva	6.7582	0	11.4889	0	0.0642	0	-2.8871
NE+5.00	B121	131	Viva	7.5091	0	14.6151	0	0.0642	0	-12.7633
NE+5.00	B121	131	Viva	8.26	0	15.7428	0	0.0642	0	-24.3025
NE+5.00	B121	131	Psup	0	0	-56.2416	0	0.2489	0	-95.5107
NE+5.00	B121	131	Psup	0.7509	0	-52.466	0	0.2489	0	-54.2235
NE+5.00	B121	131	Psup	1.5018	0	-41.9996	0	0.2489	0	-18.5037
NE+5.00	B121	131	Psup	2.2527	0	-30.502	0	0.2489	0	8.7174
NE+5.00	B121	131	Psup	3.0036	0	-19.0045	0	0.2489	0	27.3048
NE+5.00	B121	131	Psup	3.7545	0	-7.5069	0	0.2489	0	37.2586
NE+5.00	B121	131	Psup	4.5055	0	3.9907	0	0.2489	0	38.5788
NE+5.00	B121	131	Psup	5.2564	0	15.4882	0	0.2489	0	31.2654
NE+5.00	B121	131	Psup	6.0073	0	26.9858	0	0.2489	0	15.3183
NE+5.00	B121	131	Psup	6.7582	0	38.4833	0	0.2489	0	-9.2623
NE+5.00	B121	131	Psup	7.5091	0	48.9497	0	0.2489	0	-42.3417
NE+5.00	B121	131	Psup	8.26	0	52.7254	0	0.2489	0	-80.9887
NE+5.00	B121	131	Viva.cub	0	0	-0.0008	0	-2.011E-05	0	-0.0037
NE+5.00	B121	131	Viva.cub	0.7509	0	-0.0008	0	-2.011E-05	0	-0.0031
NE+5.00	B121	131	Viva.cub	1.5018	0	-0.0008	0	-2.011E-05	0	-0.0025
NE+5.00	B121	131	Viva.cub	2.2527	0	-0.0008	0	-2.011E-05	0	-0.0018
NE+5.00	B121	131	Viva.cub	3.0036	0	-0.0008	0	-2.011E-05	0	-0.0012
NE+5.00	B121	131	Viva.cub	3.7545	0	-0.0008	0	-2.011E-05	0	-0.0006
NE+5.00	B121	131	Viva.cub	4.5055	0	-0.0008	0	-2.011E-05	0	0.0001
NE+5.00	B121	131	Viva.cub	5.2564	0	-0.0008	0	-2.011E-05	0	0.0007
NE+5.00	B121	131	Viva.cub	6.0073	0	-0.0008	0	-2.011E-05	0	0.0013
NE+5.00	B121	131	Viva.cub	6.7582	0	-0.0008	0	-2.011E-05	0	0.002
NE+5.00	B121	131	Viva.cub	7.5091	0	-0.0008	0	-2.011E-05	0	0.0026
NE+5.00	B121	131	Viva.cub	8.26	0	-0.0008	0	-2.011E-05	0	0.0032
NE+5.00	B121	131	DISX-COMB Max	0	0	3.0758	0	0.2332	0	13.2393
NE+5.00	B121	131	DISX-COMB Max	0.7509	0	3.0758	0	0.2332	0	10.9297
NE+5.00	B121	131	DISX-COMB Max	1.5018	0	3.0758	0	0.2332	0	8.6201
NE+5.00	B121	131	DISX-COMB Max	2.2527	0	3.0758	0	0.2332	0	6.3105
NE+5.00	B121	131	DISX-COMB Max	3.0036	0	3.0758	0	0.2332	0	4.0011
NE+5.00	B121	131	DISX-COMB Max	3.7545	0	3.0758	0	0.2332	0	1.6922
NE+5.00	B121	131	DISX-COMB Max	4.5055	0	3.0758	0	0.2332	0	0.6222
NE+5.00	B121	131	DISX-COMB Max	5.2564	0	3.0758	0	0.2332	0	2.9291
NE+5.00	B121	131	DISX-COMB Max	6.0073	0	3.0758	0	0.2332	0	5.2384
NE+5.00	B121	131	DISX-COMB Max	6.7582	0	3.0758	0	0.2332	0	7.548
NE+5.00	B121	131	DISX-COMB Max	7.5091	0	3.0758	0	0.2332	0	9.8575
NE+5.00	B121	131	DISX-COMB Max	8.26	0	3.0758	0	0.2332	0	12.1671

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B121	131	DISY-COMB Max	0	0	0.1556	0	0.0789	0	0.7037
NE+5.00	B121	131	DISY-COMB Max	0.7509	0	0.1556	0	0.0789	0	0.587
NE+5.00	B121	131	DISY-COMB Max	1.5018	0	0.1556	0	0.0789	0	0.4703
NE+5.00	B121	131	DISY-COMB Max	2.2527	0	0.1556	0	0.0789	0	0.3537
NE+5.00	B121	131	DISY-COMB Max	3.0036	0	0.1556	0	0.0789	0	0.2374
NE+5.00	B121	131	DISY-COMB Max	3.7545	0	0.1556	0	0.0789	0	0.1221
NE+5.00	B121	131	DISY-COMB Max	4.5055	0	0.1556	0	0.0789	0	0.0277
NE+5.00	B121	131	DISY-COMB Max	5.2564	0	0.1556	0	0.0789	0	0.1181
NE+5.00	B121	131	DISY-COMB Max	6.0073	0	0.1556	0	0.0789	0	0.2333
NE+5.00	B121	131	DISY-COMB Max	6.7582	0	0.1556	0	0.0789	0	0.3496
NE+5.00	B121	131	DISY-COMB Max	7.5091	0	0.1556	0	0.0789	0	0.4661
NE+5.00	B121	131	DISY-COMB Max	8.26	0	0.1556	0	0.0789	0	0.5828
NE+5.00	B121	131	B241	0	0	-88.6235	0	0.3887	0	-147.8596
NE+5.00	B121	131	B241	0.7509	0	-80.9538	0	0.3887	0	-83.5785
NE+5.00	B121	131	B241	1.5018	0	-64.6109	0	0.3887	0	-28.5985
NE+5.00	B121	131	B241	2.2527	0	-46.9313	0	0.3887	0	13.2806
NE+5.00	B121	131	B241	3.0036	0	-29.2517	0	0.3887	0	41.8838
NE+5.00	B121	131	B241	3.7545	0	-11.5721	0	0.3887	0	57.2113
NE+5.00	B121	131	B241	4.5055	0	6.1075	0	0.3887	0	59.2631
NE+5.00	B121	131	B241	5.2564	0	23.7871	0	0.3887	0	48.039
NE+5.00	B121	131	B241	6.0073	0	41.4667	0	0.3887	0	23.5392
NE+5.00	B121	131	B241	6.7582	0	59.1463	0	0.3887	0	-14.2364
NE+5.00	B121	131	B241	7.5091	0	75.4892	0	0.3887	0	-65.113
NE+5.00	B121	131	B241	8.26	0	83.1589	0	0.3887	0	-125.2906
NE+5.00	B121	131	B242	0	0	-102.85	0	0.4359	0	-172.6356
NE+5.00	B121	131	B242	0.7509	0	-94.4716	0	0.4359	0	-97.7994
NE+5.00	B121	131	B242	1.5018	0	-75.4615	0	0.4359	0	-33.5964
NE+5.00	B121	131	B242	2.2527	0	-54.8129	0	0.4359	0	15.3157
NE+5.00	B121	131	B242	3.0036	0	-34.1643	0	0.4359	0	48.7227
NE+5.00	B121	131	B242	3.7545	0	-13.5157	0	0.4359	0	66.6244
NE+5.00	B121	131	B242	4.5055	0	7.1329	0	0.4359	0	69.0208
NE+5.00	B121	131	B242	5.2564	0	27.7815	0	0.4359	0	55.9121
NE+5.00	B121	131	B242	6.0073	0	48.4301	0	0.4359	0	27.2981
NE+5.00	B121	131	B242	6.7582	0	69.0787	0	0.4359	0	-16.8211
NE+5.00	B121	131	B242	7.5091	0	88.0887	0	0.4359	0	-76.2311
NE+5.00	B121	131	B242	8.26	0	96.4671	0	0.4359	0	-146.2743
NE+5.00	B122	132	Pprop	0	0	-12.094	0	-0.0372	0	-18.3632
NE+5.00	B122	132	Pprop	0.7509	0	-9.953	0	-0.0372	0	-10.0855
NE+5.00	B122	132	Pprop	1.5018	0	-7.812	0	-0.0372	0	-3.4156
NE+5.00	B122	132	Pprop	2.2527	0	-5.671	0	-0.0372	0	1.6467
NE+5.00	B122	132	Pprop	3.0036	0	-3.53	0	-0.0372	0	5.1013
NE+5.00	B122	132	Pprop	3.7545	0	-1.389	0	-0.0372	0	6.9482
NE+5.00	B122	132	Pprop	4.5055	0	0.7519	0	-0.0372	0	7.1874
NE+5.00	B122	132	Pprop	5.2564	0	2.8929	0	-0.0372	0	5.8189
NE+5.00	B122	132	Pprop	6.0073	0	5.0339	0	-0.0372	0	2.8427

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B122	132	Pprop	6.7582	0	7.1749	0	-0.0372	0	-1.7411
NE+5.00	B122	132	Pprop	7.5091	0	9.3159	0	-0.0372	0	-7.9327
NE+5.00	B122	132	Pprop	8.26	0	11.4569	0	-0.0372	0	-15.7319
NE+5.00	B122	132	Viva	0	0	-16.7704	0	-0.0535	0	-28.454
NE+5.00	B122	132	Viva	0.7509	0	-15.6427	0	-0.0535	0	-16.1432
NE+5.00	B122	132	Viva	1.5018	0	-12.5165	0	-0.0535	0	-5.4954
NE+5.00	B122	132	Viva	2.2527	0	-9.0824	0	-0.0535	0	2.614
NE+5.00	B122	132	Viva	3.0036	0	-5.6482	0	-0.0535	0	8.1447
NE+5.00	B122	132	Viva	3.7545	0	-2.2141	0	-0.0535	0	11.0966
NE+5.00	B122	132	Viva	4.5055	0	1.2201	0	-0.0535	0	11.4698
NE+5.00	B122	132	Viva	5.2564	0	4.6543	0	-0.0535	0	9.2642
NE+5.00	B122	132	Viva	6.0073	0	8.0884	0	-0.0535	0	4.4799
NE+5.00	B122	132	Viva	6.7582	0	11.5226	0	-0.0535	0	-2.8831
NE+5.00	B122	132	Viva	7.5091	0	14.6487	0	-0.0535	0	-12.7846
NE+5.00	B122	132	Viva	8.26	0	15.7765	0	-0.0535	0	-24.349
NE+5.00	B122	132	Psup	0	0	-56.1599	0	-0.2003	0	-95.0337
NE+5.00	B122	132	Psup	0.7509	0	-52.3843	0	-0.2003	0	-53.8077
NE+5.00	B122	132	Psup	1.5018	0	-41.9179	0	-0.2003	0	-18.1493
NE+5.00	B122	132	Psup	2.2527	0	-30.4203	0	-0.2003	0	9.0104
NE+5.00	B122	132	Psup	3.0036	0	-18.9227	0	-0.2003	0	27.5365
NE+5.00	B122	132	Psup	3.7545	0	-7.4252	0	-0.2003	0	37.4289
NE+5.00	B122	132	Psup	4.5055	0	4.0724	0	-0.2003	0	38.6878
NE+5.00	B122	132	Psup	5.2564	0	15.5699	0	-0.2003	0	31.313
NE+5.00	B122	132	Psup	6.0073	0	27.0675	0	-0.2003	0	15.3046
NE+5.00	B122	132	Psup	6.7582	0	38.565	0	-0.2003	0	-9.3375
NE+5.00	B122	132	Psup	7.5091	0	49.0314	0	-0.2003	0	-42.4782
NE+5.00	B122	132	Psup	8.26	0	52.8071	0	-0.2003	0	-81.1865
NE+5.00	B122	132	Viva.cub	0	0	-0.0022	0	0.0005	0	-0.0104
NE+5.00	B122	132	Viva.cub	0.7509	0	-0.0022	0	0.0005	0	-0.0087
NE+5.00	B122	132	Viva.cub	1.5018	0	-0.0022	0	0.0005	0	-0.007
NE+5.00	B122	132	Viva.cub	2.2527	0	-0.0022	0	0.0005	0	-0.0054
NE+5.00	B122	132	Viva.cub	3.0036	0	-0.0022	0	0.0005	0	-0.0037
NE+5.00	B122	132	Viva.cub	3.7545	0	-0.0022	0	0.0005	0	-0.002
NE+5.00	B122	132	Viva.cub	4.5055	0	-0.0022	0	0.0005	0	-0.0004
NE+5.00	B122	132	Viva.cub	5.2564	0	-0.0022	0	0.0005	0	0.0013
NE+5.00	B122	132	Viva.cub	6.0073	0	-0.0022	0	0.0005	0	0.003
NE+5.00	B122	132	Viva.cub	6.7582	0	-0.0022	0	0.0005	0	0.0047
NE+5.00	B122	132	Viva.cub	7.5091	0	-0.0022	0	0.0005	0	0.0063
NE+5.00	B122	132	Viva.cub	8.26	0	-0.0022	0	0.0005	0	0.008
NE+5.00	B122	132	DISX-COMB Max	0	0	3.2975	0	0.3631	0	14.5419
NE+5.00	B122	132	DISX-COMB Max	0.7509	0	3.2975	0	0.3631	0	12.0659
NE+5.00	B122	132	DISX-COMB Max	1.5018	0	3.2975	0	0.3631	0	9.5898
NE+5.00	B122	132	DISX-COMB Max	2.2527	0	3.2975	0	0.3631	0	7.1139
NE+5.00	B122	132	DISX-COMB Max	3.0036	0	3.2975	0	0.3631	0	4.6381
NE+5.00	B122	132	DISX-COMB Max	3.7545	0	3.2975	0	0.3631	0	2.1632

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B122	132	DISX-COMB Max	4.5055	0	3.2975	0	0.3631	0	0.3306
NE+5.00	B122	132	DISX-COMB Max	5.2564	0	3.2975	0	0.3631	0	2.7931
NE+5.00	B122	132	DISX-COMB Max	6.0073	0	3.2975	0	0.3631	0	5.2684
NE+5.00	B122	132	DISX-COMB Max	6.7582	0	3.2975	0	0.3631	0	7.7443
NE+5.00	B122	132	DISX-COMB Max	7.5091	0	3.2975	0	0.3631	0	10.2202
NE+5.00	B122	132	DISX-COMB Max	8.26	0	3.2975	0	0.3631	0	12.6963
NE+5.00	B122	132	DISY-COMB Max	0	0	0.226	0	0.0761	0	1.0096
NE+5.00	B122	132	DISY-COMB Max	0.7509	0	0.226	0	0.0761	0	0.84
NE+5.00	B122	132	DISY-COMB Max	1.5018	0	0.226	0	0.0761	0	0.6703
NE+5.00	B122	132	DISY-COMB Max	2.2527	0	0.226	0	0.0761	0	0.5008
NE+5.00	B122	132	DISY-COMB Max	3.0036	0	0.226	0	0.0761	0	0.3313
NE+5.00	B122	132	DISY-COMB Max	3.7545	0	0.226	0	0.0761	0	0.1624
NE+5.00	B122	132	DISY-COMB Max	4.5055	0	0.226	0	0.0761	0	0.0237
NE+5.00	B122	132	DISY-COMB Max	5.2564	0	0.226	0	0.0761	0	0.1799
NE+5.00	B122	132	DISY-COMB Max	6.0073	0	0.226	0	0.0761	0	0.3489
NE+5.00	B122	132	DISY-COMB Max	6.7582	0	0.226	0	0.0761	0	0.5184
NE+5.00	B122	132	DISY-COMB Max	7.5091	0	0.226	0	0.0761	0	0.688
NE+5.00	B122	132	DISY-COMB Max	8.26	0	0.226	0	0.0761	0	0.8576
NE+5.00	B122	132	B241	0	0	-88.4773	0	-0.3078	0	-146.9959
NE+5.00	B122	132	B241	0.7509	0	-80.8076	0	-0.3078	0	-82.8246
NE+5.00	B122	132	B241	1.5018	0	-64.4647	0	-0.3078	0	-27.9545
NE+5.00	B122	132	B241	2.2527	0	-46.7851	0	-0.3078	0	13.8148
NE+5.00	B122	132	B241	3.0036	0	-29.1055	0	-0.3078	0	42.3082
NE+5.00	B122	132	B241	3.7545	0	-11.4259	0	-0.3078	0	57.5259
NE+5.00	B122	132	B241	4.5055	0	6.2537	0	-0.3078	0	59.4678
NE+5.00	B122	132	B241	5.2564	0	23.9333	0	-0.3078	0	48.1339
NE+5.00	B122	132	B241	6.0073	0	41.6129	0	-0.3078	0	23.5243
NE+5.00	B122	132	B241	6.7582	0	59.2926	0	-0.3078	0	-14.3612
NE+5.00	B122	132	B241	7.5091	0	75.6355	0	-0.3078	0	-65.3475
NE+5.00	B122	132	B241	8.26	0	83.3052	0	-0.3078	0	-125.635
NE+5.00	B122	132	B242	0	0	-102.6715	0	-0.3493	0	-171.5281
NE+5.00	B122	132	B242	0.7509	0	-94.2931	0	-0.3493	0	-96.826
NE+5.00	B122	132	B242	1.5018	0	-75.283	0	-0.3493	0	-32.7571
NE+5.00	B122	132	B242	2.2527	0	-54.6344	0	-0.3493	0	16.021
NE+5.00	B122	132	B242	3.0036	0	-33.9858	0	-0.3493	0	49.2938
NE+5.00	B122	132	B242	3.7545	0	-13.3372	0	-0.3493	0	67.0615
NE+5.00	B122	132	B242	4.5055	0	7.3114	0	-0.3493	0	69.3239
NE+5.00	B122	132	B242	5.2564	0	27.96	0	-0.3493	0	56.0811
NE+5.00	B122	132	B242	6.0073	0	48.6086	0	-0.3493	0	27.333
NE+5.00	B122	132	B242	6.7582	0	69.2572	0	-0.3493	0	-16.9202
NE+5.00	B122	132	B242	7.5091	0	88.2673	0	-0.3493	0	-76.4643
NE+5.00	B122	132	B242	8.26	0	96.6457	0	-0.3493	0	-146.6416
NE+5.00	B123	133	Pprop	0	0	-11.8022	0	0.0435	0	-15.8621
NE+5.00	B123	133	Pprop	0.7273	0	-9.7286	0	0.0435	0	-8.0327
NE+5.00	B123	133	Pprop	1.4545	0	-7.655	0	0.0435	0	-1.7114

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B123	133	Pprop	2.1818	0	-5.5814	0	0.0435	0	3.1018
NE+5.00	B123	133	Pprop	2.9091	0	-3.5078	0	0.0435	0	6.407
NE+5.00	B123	133	Pprop	3.6364	0	-1.4342	0	0.0435	0	8.2041
NE+5.00	B123	133	Pprop	4.3636	0	0.6394	0	0.0435	0	8.4931
NE+5.00	B123	133	Pprop	5.0909	0	2.713	0	0.0435	0	7.274
NE+5.00	B123	133	Pprop	5.8182	0	4.7866	0	0.0435	0	4.5469
NE+5.00	B123	133	Pprop	6.5455	0	6.8602	0	0.0435	0	0.3117
NE+5.00	B123	133	Pprop	7.2727	0	8.9338	0	0.0435	0	-5.4316
NE+5.00	B123	133	Pprop	8	0	11.0074	0	0.0435	0	-12.683
NE+5.00	B123	133	Viva	0	0	-16.4253	0	0.0782	0	-24.6787
NE+5.00	B123	133	Viva	0.7273	0	-15.3674	0	0.0782	0	-12.9895
NE+5.00	B123	133	Viva	1.4545	0	-12.3876	0	0.0782	0	-2.8189
NE+5.00	B123	133	Viva	2.1818	0	-9.0615	0	0.0782	0	4.9807
NE+5.00	B123	133	Viva	2.9091	0	-5.7354	0	0.0782	0	10.3614
NE+5.00	B123	133	Viva	3.6364	0	-2.4094	0	0.0782	0	13.3232
NE+5.00	B123	133	Viva	4.3636	0	0.9167	0	0.0782	0	13.866
NE+5.00	B123	133	Viva	5.0909	0	4.2427	0	0.0782	0	11.9898
NE+5.00	B123	133	Viva	5.8182	0	7.5688	0	0.0782	0	7.6947
NE+5.00	B123	133	Viva	6.5455	0	10.8949	0	0.0782	0	0.9807
NE+5.00	B123	133	Viva	7.2727	0	13.8747	0	0.0782	0	-8.1043
NE+5.00	B123	133	Viva	8	0	14.9326	0	0.0782	0	-18.7079
NE+5.00	B123	133	Psup	0	0	-54.3692	0	0.2077	0	-81.7467
NE+5.00	B123	133	Psup	0.7273	0	-50.8275	0	0.2077	0	-43.0641
NE+5.00	B123	133	Psup	1.4545	0	-40.851	0	0.2077	0	-9.4657
NE+5.00	B123	133	Psup	2.1818	0	-29.7153	0	0.2077	0	16.1947
NE+5.00	B123	133	Psup	2.9091	0	-18.5796	0	0.2077	0	33.7565
NE+5.00	B123	133	Psup	3.6364	0	-7.444	0	0.2077	0	43.2197
NE+5.00	B123	133	Psup	4.3636	0	3.6917	0	0.2077	0	44.5842
NE+5.00	B123	133	Psup	5.0909	0	14.8273	0	0.2077	0	37.85
NE+5.00	B123	133	Psup	5.8182	0	25.963	0	0.2077	0	23.0172
NE+5.00	B123	133	Psup	6.5455	0	37.0986	0	0.2077	0	0.0857
NE+5.00	B123	133	Psup	7.2727	0	47.0751	0	0.2077	0	-30.7837
NE+5.00	B123	133	Psup	8	0	50.6168	0	0.2077	0	-66.7373
NE+5.00	B123	133	Viva.cub	0	0	0.0003	0	-4.452E-05	0	0.0006
NE+5.00	B123	133	Viva.cub	0.7273	0	0.0003	0	-4.452E-05	0	0.0004
NE+5.00	B123	133	Viva.cub	1.4545	0	0.0003	0	-4.452E-05	0	0.0002
NE+5.00	B123	133	Viva.cub	2.1818	0	0.0003	0	-4.452E-05	0	4.398E-05
NE+5.00	B123	133	Viva.cub	2.9091	0	0.0003	0	-4.452E-05	0	-0.0001
NE+5.00	B123	133	Viva.cub	3.6364	0	0.0003	0	-4.452E-05	0	-0.0003
NE+5.00	B123	133	Viva.cub	4.3636	0	0.0003	0	-4.452E-05	0	-0.0005
NE+5.00	B123	133	Viva.cub	5.0909	0	0.0003	0	-4.452E-05	0	-0.0007
NE+5.00	B123	133	Viva.cub	5.8182	0	0.0003	0	-4.452E-05	0	-0.0009
NE+5.00	B123	133	Viva.cub	6.5455	0	0.0003	0	-4.452E-05	0	-0.0011
NE+5.00	B123	133	Viva.cub	7.2727	0	0.0003	0	-4.452E-05	0	-0.0012
NE+5.00	B123	133	Viva.cub	8	0	0.0003	0	-4.452E-05	0	-0.0014

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B123	133	DISX-COMB Max	0	0	2.8673	0	0.2847	0	11.7862
NE+5.00	B123	133	DISX-COMB Max	0.7273	0	2.8673	0	0.2847	0	9.7009
NE+5.00	B123	133	DISX-COMB Max	1.4545	0	2.8673	0	0.2847	0	7.6157
NE+5.00	B123	133	DISX-COMB Max	2.1818	0	2.8673	0	0.2847	0	5.5304
NE+5.00	B123	133	DISX-COMB Max	2.9091	0	2.8673	0	0.2847	0	3.4453
NE+5.00	B123	133	DISX-COMB Max	3.6364	0	2.8673	0	0.2847	0	1.3605
NE+5.00	B123	133	DISX-COMB Max	4.3636	0	2.8673	0	0.2847	0	0.7272
NE+5.00	B123	133	DISX-COMB Max	5.0909	0	2.8673	0	0.2847	0	2.8113
NE+5.00	B123	133	DISX-COMB Max	5.8182	0	2.8673	0	0.2847	0	4.8964
NE+5.00	B123	133	DISX-COMB Max	6.5455	0	2.8673	0	0.2847	0	6.9817
NE+5.00	B123	133	DISX-COMB Max	7.2727	0	2.8673	0	0.2847	0	9.0669
NE+5.00	B123	133	DISX-COMB Max	8	0	2.8673	0	0.2847	0	11.1522
NE+5.00	B123	133	DISY-COMB Max	0	0	0.0994	0	0.0648	0	0.4003
NE+5.00	B123	133	DISY-COMB Max	0.7273	0	0.0994	0	0.0648	0	0.3295
NE+5.00	B123	133	DISY-COMB Max	1.4545	0	0.0994	0	0.0648	0	0.2595
NE+5.00	B123	133	DISY-COMB Max	2.1818	0	0.0994	0	0.0648	0	0.1912
NE+5.00	B123	133	DISY-COMB Max	2.9091	0	0.0994	0	0.0648	0	0.1275
NE+5.00	B123	133	DISY-COMB Max	3.6364	0	0.0994	0	0.0648	0	0.0797
NE+5.00	B123	133	DISY-COMB Max	4.3636	0	0.0994	0	0.0648	0	0.0831
NE+5.00	B123	133	DISY-COMB Max	5.0909	0	0.0994	0	0.0648	0	0.1338
NE+5.00	B123	133	DISY-COMB Max	5.8182	0	0.0994	0	0.0648	0	0.1984
NE+5.00	B123	133	DISY-COMB Max	6.5455	0	0.0994	0	0.0648	0	0.2669
NE+5.00	B123	133	DISY-COMB Max	7.2727	0	0.0994	0	0.0648	0	0.337
NE+5.00	B123	133	DISY-COMB Max	8	0	0.0994	0	0.0648	0	0.4078
NE+5.00	B123	133	B241	0	0	-85.7777	0	0.3256	0	-126.5299
NE+5.00	B123	133	B241	0.7273	0	-78.4986	0	0.3256	0	-66.2366
NE+5.00	B123	133	B241	1.4545	0	-62.8781	0	0.3256	0	-14.4889
NE+5.00	B123	133	B241	2.1818	0	-45.755	0	0.3256	0	25.014
NE+5.00	B123	133	B241	2.9091	0	-28.6319	0	0.3256	0	52.0638
NE+5.00	B123	133	B241	3.6364	0	-11.5088	0	0.3256	0	66.6604
NE+5.00	B123	133	B241	4.3636	0	5.6143	0	0.3256	0	68.8038
NE+5.00	B123	133	B241	5.0909	0	22.7374	0	0.3256	0	58.4941
NE+5.00	B123	133	B241	5.8182	0	39.8605	0	0.3256	0	35.7312
NE+5.00	B123	133	B241	6.5455	0	56.9836	0	0.3256	0	0.5151
NE+5.00	B123	133	B241	7.2727	0	72.6042	0	0.3256	0	-46.9457
NE+5.00	B123	133	B241	8	0	79.8833	0	0.3256	0	-102.9522
NE+5.00	B123	133	B242	0	0	-99.804	0	0.4041	0	-147.9398
NE+5.00	B123	133	B242	0.7273	0	-91.8723	0	0.4041	0	-77.5572
NE+5.00	B123	133	B242	1.4545	0	-73.7155	0	0.4041	0	-16.9292
NE+5.00	B123	133	B242	2.1818	0	-53.7168	0	0.4041	0	29.4098
NE+5.00	B123	133	B242	2.9091	0	-33.7182	0	0.4041	0	61.2044
NE+5.00	B123	133	B242	3.6364	0	-13.7195	0	0.4041	0	78.4544
NE+5.00	B123	133	B242	4.3636	0	6.2791	0	0.4041	0	81.16
NE+5.00	B123	133	B242	5.0909	0	26.2778	0	0.4041	0	69.3212
NE+5.00	B123	133	B242	5.8182	0	46.2764	0	0.4041	0	42.9379

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B123	133	B242	6.5455	0	66.275	0	0.4041	0	2.0101
NE+5.00	B123	133	B242	7.2727	0	84.4318	0	0.4041	0	-53.2067
NE+5.00	B123	133	B242	8	0	92.3636	0	0.4041	0	-118.1781
NE+5.00	B124	134	Pprop	0	0	-11.7779	0	-0.0382	0	-15.8372
NE+5.00	B124	134	Pprop	0.7273	0	-9.7043	0	-0.0382	0	-8.0254
NE+5.00	B124	134	Pprop	1.4545	0	-7.6307	0	-0.0382	0	-1.7218
NE+5.00	B124	134	Pprop	2.1818	0	-5.5571	0	-0.0382	0	3.0738
NE+5.00	B124	134	Pprop	2.9091	0	-3.4835	0	-0.0382	0	6.3614
NE+5.00	B124	134	Pprop	3.6364	0	-1.4099	0	-0.0382	0	8.1408
NE+5.00	B124	134	Pprop	4.3636	0	0.6637	0	-0.0382	0	8.4122
NE+5.00	B124	134	Pprop	5.0909	0	2.7373	0	-0.0382	0	7.1755
NE+5.00	B124	134	Pprop	5.8182	0	4.8109	0	-0.0382	0	4.4307
NE+5.00	B124	134	Pprop	6.5455	0	6.8845	0	-0.0382	0	0.1779
NE+5.00	B124	134	Pprop	7.2727	0	8.9581	0	-0.0382	0	-5.5831
NE+5.00	B124	134	Pprop	8	0	11.0317	0	-0.0382	0	-12.852
NE+5.00	B124	134	Viva	0	0	-16.3671	0	-0.0755	0	-24.592
NE+5.00	B124	134	Viva	0.7273	0	-15.3092	0	-0.0755	0	-12.9451
NE+5.00	B124	134	Viva	1.4545	0	-12.3294	0	-0.0755	0	-2.8168
NE+5.00	B124	134	Viva	2.1818	0	-9.0033	0	-0.0755	0	4.9405
NE+5.00	B124	134	Viva	2.9091	0	-5.6773	0	-0.0755	0	10.2789
NE+5.00	B124	134	Viva	3.6364	0	-2.3512	0	-0.0755	0	13.1984
NE+5.00	B124	134	Viva	4.3636	0	0.9749	0	-0.0755	0	13.6988
NE+5.00	B124	134	Viva	5.0909	0	4.3009	0	-0.0755	0	11.7804
NE+5.00	B124	134	Viva	5.8182	0	7.627	0	-0.0755	0	7.4429
NE+5.00	B124	134	Viva	6.5455	0	10.953	0	-0.0755	0	0.6866
NE+5.00	B124	134	Viva	7.2727	0	13.9329	0	-0.0755	0	-8.4407
NE+5.00	B124	134	Viva	8	0	14.9907	0	-0.0755	0	-19.0867
NE+5.00	B124	134	Psup	0	0	-54.2919	0	-0.2048	0	-81.6803
NE+5.00	B124	134	Psup	0.7273	0	-50.7502	0	-0.2048	0	-43.0538
NE+5.00	B124	134	Psup	1.4545	0	-40.7737	0	-0.2048	0	-9.5116
NE+5.00	B124	134	Psup	2.1818	0	-29.6381	0	-0.2048	0	16.0926
NE+5.00	B124	134	Psup	2.9091	0	-18.5024	0	-0.2048	0	33.5983
NE+5.00	B124	134	Psup	3.6364	0	-7.3668	0	-0.2048	0	43.0052
NE+5.00	B124	134	Psup	4.3636	0	3.7689	0	-0.2048	0	44.3135
NE+5.00	B124	134	Psup	5.0909	0	14.9045	0	-0.2048	0	37.5232
NE+5.00	B124	134	Psup	5.8182	0	26.0402	0	-0.2048	0	22.6342
NE+5.00	B124	134	Psup	6.5455	0	37.1758	0	-0.2048	0	-0.3534
NE+5.00	B124	134	Psup	7.2727	0	47.1524	0	-0.2048	0	-31.279
NE+5.00	B124	134	Psup	8	0	50.6941	0	-0.2048	0	-67.2888
NE+5.00	B124	134	Viva.cub	0	0	0.0003	0	0.0001	0	-0.0009
NE+5.00	B124	134	Viva.cub	0.7273	0	0.0003	0	0.0001	0	-0.0011
NE+5.00	B124	134	Viva.cub	1.4545	0	0.0003	0	0.0001	0	-0.0013
NE+5.00	B124	134	Viva.cub	2.1818	0	0.0003	0	0.0001	0	-0.0015
NE+5.00	B124	134	Viva.cub	2.9091	0	0.0003	0	0.0001	0	-0.0017
NE+5.00	B124	134	Viva.cub	3.6364	0	0.0003	0	0.0001	0	-0.0019

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B124	134	Viva.cub	4.3636	0	0.0003	0	0.0001	0	-0.0021
NE+5.00	B124	134	Viva.cub	5.0909	0	0.0003	0	0.0001	0	-0.0022
NE+5.00	B124	134	Viva.cub	5.8182	0	0.0003	0	0.0001	0	-0.0024
NE+5.00	B124	134	Viva.cub	6.5455	0	0.0003	0	0.0001	0	-0.0026
NE+5.00	B124	134	Viva.cub	7.2727	0	0.0003	0	0.0001	0	-0.0028
NE+5.00	B124	134	Viva.cub	8	0	0.0003	0	0.0001	0	-0.003
NE+5.00	B124	134	DISX-COMB Max	0	0	2.8805	0	0.3083	0	11.7475
NE+5.00	B124	134	DISX-COMB Max	0.7273	0	2.8805	0	0.3083	0	9.6526
NE+5.00	B124	134	DISX-COMB Max	1.4545	0	2.8805	0	0.3083	0	7.5577
NE+5.00	B124	134	DISX-COMB Max	2.1818	0	2.8805	0	0.3083	0	5.4629
NE+5.00	B124	134	DISX-COMB Max	2.9091	0	2.8805	0	0.3083	0	3.3681
NE+5.00	B124	134	DISX-COMB Max	3.6364	0	2.8805	0	0.3083	0	1.2738
NE+5.00	B124	134	DISX-COMB Max	4.3636	0	2.8805	0	0.3083	0	0.8233
NE+5.00	B124	134	DISX-COMB Max	5.0909	0	2.8805	0	0.3083	0	2.9173
NE+5.00	B124	134	DISX-COMB Max	5.8182	0	2.8805	0	0.3083	0	5.012
NE+5.00	B124	134	DISX-COMB Max	6.5455	0	2.8805	0	0.3083	0	7.1068
NE+5.00	B124	134	DISX-COMB Max	7.2727	0	2.8805	0	0.3083	0	9.2017
NE+5.00	B124	134	DISX-COMB Max	8	0	2.8805	0	0.3083	0	11.2966
NE+5.00	B124	134	DISY-COMB Max	0	0	0.1076	0	0.0722	0	0.4365
NE+5.00	B124	134	DISY-COMB Max	0.7273	0	0.1076	0	0.0722	0	0.3606
NE+5.00	B124	134	DISY-COMB Max	1.4545	0	0.1076	0	0.0722	0	0.2861
NE+5.00	B124	134	DISY-COMB Max	2.1818	0	0.1076	0	0.0722	0	0.2142
NE+5.00	B124	134	DISY-COMB Max	2.9091	0	0.1076	0	0.0722	0	0.149
NE+5.00	B124	134	DISY-COMB Max	3.6364	0	0.1076	0	0.0722	0	0.1036
NE+5.00	B124	134	DISY-COMB Max	4.3636	0	0.1076	0	0.0722	0	0.1073
NE+5.00	B124	134	DISY-COMB Max	5.0909	0	0.1076	0	0.0722	0	0.1567
NE+5.00	B124	134	DISY-COMB Max	5.8182	0	0.1076	0	0.0722	0	0.2232
NE+5.00	B124	134	DISY-COMB Max	6.5455	0	0.1076	0	0.0722	0	0.2955
NE+5.00	B124	134	DISY-COMB Max	7.2727	0	0.1076	0	0.0722	0	0.3703
NE+5.00	B124	134	DISY-COMB Max	8	0	0.1076	0	0.0722	0	0.4462
NE+5.00	B124	134	B241	0	0	-85.6461	0	-0.3149	0	-126.4115
NE+5.00	B124	134	B241	0.7273	0	-78.3671	0	-0.3149	0	-66.2139
NE+5.00	B124	134	B241	1.4545	0	-62.7465	0	-0.3149	0	-14.5618
NE+5.00	B124	134	B241	2.1818	0	-45.6234	0	-0.3149	0	24.8454
NE+5.00	B124	134	B241	2.9091	0	-28.5003	0	-0.3149	0	51.7995
NE+5.00	B124	134	B241	3.6364	0	-11.3772	0	-0.3149	0	66.3004
NE+5.00	B124	134	B241	4.3636	0	5.7459	0	-0.3149	0	68.3482
NE+5.00	B124	134	B241	5.0909	0	22.869	0	-0.3149	0	57.9427
NE+5.00	B124	134	B241	5.8182	0	39.9921	0	-0.3149	0	35.0842
NE+5.00	B124	134	B241	6.5455	0	57.1152	0	-0.3149	0	-0.2276
NE+5.00	B124	134	B241	7.2727	0	72.7357	0	-0.3149	0	-47.7841
NE+5.00	B124	134	B241	8	0	80.0148	0	-0.3149	0	-103.8863
NE+5.00	B124	134	B242	0	0	-99.5982	0	-0.3907	0	-147.7003
NE+5.00	B124	134	B242	0.7273	0	-91.6664	0	-0.3907	0	-77.4674
NE+5.00	B124	134	B242	1.4545	0	-73.5096	0	-0.3907	0	-16.9891

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B124	134	B242	2.1818	0	-53.511	0	-0.3907	0	29.2002
NE+5.00	B124	134	B242	2.9091	0	-33.5123	0	-0.3907	0	60.845
NE+5.00	B124	134	B242	3.6364	0	-13.5137	0	-0.3907	0	77.9454
NE+5.00	B124	134	B242	4.3636	0	6.485	0	-0.3907	0	80.5013
NE+5.00	B124	134	B242	5.0909	0	26.4836	0	-0.3907	0	68.5127
NE+5.00	B124	134	B242	5.8182	0	46.4823	0	-0.3907	0	41.9796
NE+5.00	B124	134	B242	6.5455	0	66.4809	0	-0.3907	0	0.9021
NE+5.00	B124	134	B242	7.2727	0	84.6377	0	-0.3907	0	-54.4644
NE+5.00	B124	134	B242	8	0	92.5695	0	-0.3907	0	-119.5855
NE+5.00	B125	135	Pprop	0	0	-9.0093	0	-0.1001	0	-11.9107
NE+5.00	B125	135	Pprop	0.6173	0	-7.2493	0	-0.1001	0	-6.8927
NE+5.00	B125	135	Pprop	1.2345	0	-5.4894	0	-0.1001	0	-2.9611
NE+5.00	B125	135	Pprop	1.8518	0	-3.7294	0	-0.1001	0	-0.1159
NE+5.00	B125	135	Pprop	2.4691	0	-1.9694	0	-0.1001	0	1.643
NE+5.00	B125	135	Pprop	3.0864	0	-0.2094	0	-0.1001	0	2.3155
NE+5.00	B125	135	Pprop	3.7036	0	1.5505	0	-0.1001	0	1.9015
NE+5.00	B125	135	Pprop	4.3209	0	3.3105	0	-0.1001	0	0.4013
NE+5.00	B125	135	Pprop	4.9382	0	5.0705	0	-0.1001	0	-2.1854
NE+5.00	B125	135	Pprop	5.5555	0	6.8304	0	-0.1001	0	-5.8584
NE+5.00	B125	135	Pprop	6.1727	0	8.5904	0	-0.1001	0	-10.6179
NE+5.00	B125	135	Pprop	6.79	0	10.3504	0	-0.1001	0	-16.4637
NE+5.00	B125	135	Viva	0	0	-10.9476	0	-0.2335	0	-17.1332
NE+5.00	B125	135	Viva	0.6173	0	-10.1855	0	-0.2335	0	-10.5324
NE+5.00	B125	135	Viva	1.2345	0	-7.916	0	-0.2335	0	-4.8719
NE+5.00	B125	135	Viva	1.8518	0	-5.093	0	-0.2335	0	-0.8568
NE+5.00	B125	135	Viva	2.4691	0	-2.27	0	-0.2335	0	1.4157
NE+5.00	B125	135	Viva	3.0864	0	0.553	0	-0.2335	0	1.9456
NE+5.00	B125	135	Viva	3.7036	0	3.376	0	-0.2335	0	0.733
NE+5.00	B125	135	Viva	4.3209	0	6.199	0	-0.2335	0	-2.2222
NE+5.00	B125	135	Viva	4.9382	0	9.022	0	-0.2335	0	-6.92
NE+5.00	B125	135	Viva	5.5555	0	11.845	0	-0.2335	0	-13.3603
NE+5.00	B125	135	Viva	6.1727	0	14.1145	0	-0.2335	0	-21.4461
NE+5.00	B125	135	Viva	6.79	0	14.8765	0	-0.2335	0	-30.4721
NE+5.00	B125	135	Psup	0	0	-41.5386	0	-0.197	0	-62.1677
NE+5.00	B125	135	Psup	0.6173	0	-38.9872	0	-0.197	0	-37.052
NE+5.00	B125	135	Psup	1.2345	0	-31.3889	0	-0.197	0	-15.0844
NE+5.00	B125	135	Psup	1.8518	0	-21.9375	0	-0.197	0	1.374
NE+5.00	B125	135	Psup	2.4691	0	-12.4861	0	-0.197	0	11.9984
NE+5.00	B125	135	Psup	3.0864	0	-3.0347	0	-0.197	0	16.7887
NE+5.00	B125	135	Psup	3.7036	0	6.4166	0	-0.197	0	15.7449
NE+5.00	B125	135	Psup	4.3209	0	15.868	0	-0.197	0	8.8671
NE+5.00	B125	135	Psup	4.9382	0	25.3194	0	-0.197	0	-3.8449
NE+5.00	B125	135	Psup	5.5555	0	34.7708	0	-0.197	0	-22.3909
NE+5.00	B125	135	Psup	6.1727	0	42.3691	0	-0.197	0	-46.4461
NE+5.00	B125	135	Psup	6.79	0	44.9205	0	-0.197	0	-73.6493

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B125	135	Viva.cub	0	0	-0.0009	0	3.01E-05	0	-0.0019
NE+5.00	B125	135	Viva.cub	0.6173	0	-0.0009	0	3.01E-05	0	-0.0013
NE+5.00	B125	135	Viva.cub	1.2345	0	-0.0009	0	3.01E-05	0	-0.0008
NE+5.00	B125	135	Viva.cub	1.8518	0	-0.0009	0	3.01E-05	0	-0.0002
NE+5.00	B125	135	Viva.cub	2.4691	0	-0.0009	0	3.01E-05	0	0.0004
NE+5.00	B125	135	Viva.cub	3.0864	0	-0.0009	0	3.01E-05	0	0.0009
NE+5.00	B125	135	Viva.cub	3.7036	0	-0.0009	0	3.01E-05	0	0.0015
NE+5.00	B125	135	Viva.cub	4.3209	0	-0.0009	0	3.01E-05	0	0.0021
NE+5.00	B125	135	Viva.cub	4.9382	0	-0.0009	0	3.01E-05	0	0.0026
NE+5.00	B125	135	Viva.cub	5.5555	0	-0.0009	0	3.01E-05	0	0.0032
NE+5.00	B125	135	Viva.cub	6.1727	0	-0.0009	0	3.01E-05	0	0.0038
NE+5.00	B125	135	Viva.cub	6.79	0	-0.0009	0	3.01E-05	0	0.0043
NE+5.00	B125	135	DISX-COMB Max	0	0	3.4731	0	0.2271	0	11.467
NE+5.00	B125	135	DISX-COMB Max	0.6173	0	3.4731	0	0.2271	0	9.3231
NE+5.00	B125	135	DISX-COMB Max	1.2345	0	3.4731	0	0.2271	0	7.1793
NE+5.00	B125	135	DISX-COMB Max	1.8518	0	3.4731	0	0.2271	0	5.0355
NE+5.00	B125	135	DISX-COMB Max	2.4691	0	3.4731	0	0.2271	0	2.8917
NE+5.00	B125	135	DISX-COMB Max	3.0864	0	3.4731	0	0.2271	0	0.7487
NE+5.00	B125	135	DISX-COMB Max	3.7036	0	3.4731	0	0.2271	0	1.397
NE+5.00	B125	135	DISX-COMB Max	4.3209	0	3.4731	0	0.2271	0	3.5405
NE+5.00	B125	135	DISX-COMB Max	4.9382	0	3.4731	0	0.2271	0	5.6843
NE+5.00	B125	135	DISX-COMB Max	5.5555	0	3.4731	0	0.2271	0	7.8281
NE+5.00	B125	135	DISX-COMB Max	6.1727	0	3.4731	0	0.2271	0	9.9719
NE+5.00	B125	135	DISX-COMB Max	6.79	0	3.4731	0	0.2271	0	12.1158
NE+5.00	B125	135	DISY-COMB Max	0	0	0.1232	0	0.066	0	0.4166
NE+5.00	B125	135	DISY-COMB Max	0.6173	0	0.1232	0	0.066	0	0.3407
NE+5.00	B125	135	DISY-COMB Max	1.2345	0	0.1232	0	0.066	0	0.2648
NE+5.00	B125	135	DISY-COMB Max	1.8518	0	0.1232	0	0.066	0	0.1891
NE+5.00	B125	135	DISY-COMB Max	2.4691	0	0.1232	0	0.066	0	0.1137
NE+5.00	B125	135	DISY-COMB Max	3.0864	0	0.1232	0	0.066	0	0.0411
NE+5.00	B125	135	DISY-COMB Max	3.7036	0	0.1232	0	0.066	0	0.0449
NE+5.00	B125	135	DISY-COMB Max	4.3209	0	0.1232	0	0.066	0	0.1179
NE+5.00	B125	135	DISY-COMB Max	4.9382	0	0.1232	0	0.066	0	0.1933
NE+5.00	B125	135	DISY-COMB Max	5.5555	0	0.1232	0	0.066	0	0.269
NE+5.00	B125	135	DISY-COMB Max	6.1727	0	0.1232	0	0.066	0	0.3449
NE+5.00	B125	135	DISY-COMB Max	6.79	0	0.1232	0	0.066	0	0.4208
NE+5.00	B125	135	B241	0	0	-65.525	0	-0.3851	0	-96.0276
NE+5.00	B125	135	B241	0.6173	0	-59.9363	0	-0.3851	0	-56.9654
NE+5.00	B125	135	B241	1.2345	0	-47.8051	0	-0.3851	0	-23.3924
NE+5.00	B125	135	B241	1.8518	0	-33.2719	0	-0.3851	0	1.6309
NE+5.00	B125	135	B241	2.4691	0	-18.7387	0	-0.3851	0	17.6833
NE+5.00	B125	135	B241	3.0864	0	-4.2054	0	-0.3851	0	24.7647
NE+5.00	B125	135	B241	3.7036	0	10.3278	0	-0.3851	0	22.8751
NE+5.00	B125	135	B241	4.3209	0	24.861	0	-0.3851	0	12.0145
NE+5.00	B125	135	B241	4.9382	0	39.3943	0	-0.3851	0	-7.817

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B125	135	B241	5.5555	0	53.9275	0	-0.3851	0	-36.6195
NE+5.00	B125	135	B241	6.1727	0	66.0586	0	-0.3851	0	-73.9718
NE+5.00	B125	135	B241	6.79	0	71.6474	0	-0.3851	0	-116.8131
NE+5.00	B125	135	B242	0	0	-73.6808	0	-0.7037	0	-109.7235
NE+5.00	B125	135	B242	0.6173	0	-67.6712	0	-0.7037	0	-65.68
NE+5.00	B125	135	B242	1.2345	0	-53.6419	0	-0.7037	0	-27.846
NE+5.00	B125	135	B242	1.8518	0	-36.668	0	-0.7037	0	0.0269
NE+5.00	B125	135	B242	2.4691	0	-19.6942	0	-0.7037	0	17.4223
NE+5.00	B125	135	B242	3.0864	0	-2.7203	0	-0.7037	0	24.3403
NE+5.00	B125	135	B242	3.7036	0	14.2535	0	-0.7037	0	20.7807
NE+5.00	B125	135	B242	4.3209	0	31.2274	0	-0.7037	0	6.7436
NE+5.00	B125	135	B242	4.9382	0	48.2012	0	-0.7037	0	-17.7709
NE+5.00	B125	135	B242	5.5555	0	65.1751	0	-0.7037	0	-52.763
NE+5.00	B125	135	B242	6.1727	0	79.2044	0	-0.7037	0	-97.7162
NE+5.00	B125	135	B242	6.79	0	85.2141	0	-0.7037	0	-148.8788
NE+5.00	B126	136	Pprop	0	0	-9.024	0	0.1063	0	-11.8199
NE+5.00	B126	136	Pprop	0.6173	0	-7.264	0	0.1063	0	-6.7929
NE+5.00	B126	136	Pprop	1.2345	0	-5.5041	0	0.1063	0	-2.8522
NE+5.00	B126	136	Pprop	1.8518	0	-3.7441	0	0.1063	0	0.0021
NE+5.00	B126	136	Pprop	2.4691	0	-1.9841	0	0.1063	0	1.7701
NE+5.00	B126	136	Pprop	3.0864	0	-0.2241	0	0.1063	0	2.4516
NE+5.00	B126	136	Pprop	3.7036	0	1.5358	0	0.1063	0	2.0468
NE+5.00	B126	136	Pprop	4.3209	0	3.2958	0	0.1063	0	0.5556
NE+5.00	B126	136	Pprop	4.9382	0	5.0558	0	0.1063	0	-2.022
NE+5.00	B126	136	Pprop	5.5555	0	6.8157	0	0.1063	0	-5.686
NE+5.00	B126	136	Pprop	6.1727	0	8.5757	0	0.1063	0	-10.4363
NE+5.00	B126	136	Pprop	6.79	0	10.3357	0	0.1063	0	-16.2731
NE+5.00	B126	136	Viva	0	0	-10.9882	0	0.246	0	-16.9376
NE+5.00	B126	136	Viva	0.6173	0	-10.2262	0	0.246	0	-10.3117
NE+5.00	B126	136	Viva	1.2345	0	-7.9566	0	0.246	0	-4.626
NE+5.00	B126	136	Viva	1.8518	0	-5.1336	0	0.246	0	-0.5859
NE+5.00	B126	136	Viva	2.4691	0	-2.3107	0	0.246	0	1.7117
NE+5.00	B126	136	Viva	3.0864	0	0.5123	0	0.246	0	2.2667
NE+5.00	B126	136	Viva	3.7036	0	3.3353	0	0.246	0	1.0792
NE+5.00	B126	136	Viva	4.3209	0	6.1583	0	0.246	0	-1.8509
NE+5.00	B126	136	Viva	4.9382	0	8.9813	0	0.246	0	-6.5235
NE+5.00	B126	136	Viva	5.5555	0	11.8043	0	0.246	0	-12.9387
NE+5.00	B126	136	Viva	6.1727	0	14.0738	0	0.246	0	-20.9994
NE+5.00	B126	136	Viva	6.79	0	14.8359	0	0.246	0	-30.0004
NE+5.00	B126	136	Psup	0	0	-41.5559	0	0.2107	0	-61.7748
NE+5.00	B126	136	Psup	0.6173	0	-39.0045	0	0.2107	0	-36.6484
NE+5.00	B126	136	Psup	1.2345	0	-31.4062	0	0.2107	0	-14.6701
NE+5.00	B126	136	Psup	1.8518	0	-21.9548	0	0.2107	0	1.799
NE+5.00	B126	136	Psup	2.4691	0	-12.5034	0	0.2107	0	12.4341
NE+5.00	B126	136	Psup	3.0864	0	-3.0521	0	0.2107	0	17.2351

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B126	136	Psup	3.7036	0	6.3993	0	0.2107	0	16.202
NE+5.00	B126	136	Psup	4.3209	0	15.8507	0	0.2107	0	9.3348
NE+5.00	B126	136	Psup	4.9382	0	25.3021	0	0.2107	0	-3.3665
NE+5.00	B126	136	Psup	5.5555	0	34.7535	0	0.2107	0	-21.9018
NE+5.00	B126	136	Psup	6.1727	0	42.3518	0	0.2107	0	-45.9463
NE+5.00	B126	136	Psup	6.79	0	44.9032	0	0.2107	0	-73.1388
NE+5.00	B126	136	Viva.cub	0	0	-0.004	0	-0.0001	0	-0.0073
NE+5.00	B126	136	Viva.cub	0.6173	0	-0.004	0	-0.0001	0	-0.0048
NE+5.00	B126	136	Viva.cub	1.2345	0	-0.004	0	-0.0001	0	-0.0023
NE+5.00	B126	136	Viva.cub	1.8518	0	-0.004	0	-0.0001	0	0.0002
NE+5.00	B126	136	Viva.cub	2.4691	0	-0.004	0	-0.0001	0	0.0027
NE+5.00	B126	136	Viva.cub	3.0864	0	-0.004	0	-0.0001	0	0.0052
NE+5.00	B126	136	Viva.cub	3.7036	0	-0.004	0	-0.0001	0	0.0076
NE+5.00	B126	136	Viva.cub	4.3209	0	-0.004	0	-0.0001	0	0.0101
NE+5.00	B126	136	Viva.cub	4.9382	0	-0.004	0	-0.0001	0	0.0126
NE+5.00	B126	136	Viva.cub	5.5555	0	-0.004	0	-0.0001	0	0.0151
NE+5.00	B126	136	Viva.cub	6.1727	0	-0.004	0	-0.0001	0	0.0176
NE+5.00	B126	136	Viva.cub	6.79	0	-0.004	0	-0.0001	0	0.0201
NE+5.00	B126	136	DISX-COMB Max	0	0	3.7772	0	0.3749	0	12.2623
NE+5.00	B126	136	DISX-COMB Max	0.6173	0	3.7772	0	0.3749	0	9.9308
NE+5.00	B126	136	DISX-COMB Max	1.2345	0	3.7772	0	0.3749	0	7.5993
NE+5.00	B126	136	DISX-COMB Max	1.8518	0	3.7772	0	0.3749	0	5.2678
NE+5.00	B126	136	DISX-COMB Max	2.4691	0	3.7772	0	0.3749	0	2.9363
NE+5.00	B126	136	DISX-COMB Max	3.0864	0	3.7772	0	0.3749	0	0.6053
NE+5.00	B126	136	DISX-COMB Max	3.7036	0	3.7772	0	0.3749	0	1.7272
NE+5.00	B126	136	DISX-COMB Max	4.3209	0	3.7772	0	0.3749	0	4.0586
NE+5.00	B126	136	DISX-COMB Max	4.9382	0	3.7772	0	0.3749	0	6.3901
NE+5.00	B126	136	DISX-COMB Max	5.5555	0	3.7772	0	0.3749	0	8.7216
NE+5.00	B126	136	DISX-COMB Max	6.1727	0	3.7772	0	0.3749	0	11.0532
NE+5.00	B126	136	DISX-COMB Max	6.79	0	3.7772	0	0.3749	0	13.3847
NE+5.00	B126	136	DISY-COMB Max	0	0	0.1559	0	0.0665	0	0.5249
NE+5.00	B126	136	DISY-COMB Max	0.6173	0	0.1559	0	0.0665	0	0.4288
NE+5.00	B126	136	DISY-COMB Max	1.2345	0	0.1559	0	0.0665	0	0.3327
NE+5.00	B126	136	DISY-COMB Max	1.8518	0	0.1559	0	0.0665	0	0.2368
NE+5.00	B126	136	DISY-COMB Max	2.4691	0	0.1559	0	0.0665	0	0.1413
NE+5.00	B126	136	DISY-COMB Max	3.0864	0	0.1559	0	0.0665	0	0.0491
NE+5.00	B126	136	DISY-COMB Max	3.7036	0	0.1559	0	0.0665	0	0.0582
NE+5.00	B126	136	DISY-COMB Max	4.3209	0	0.1559	0	0.0665	0	0.1513
NE+5.00	B126	136	DISY-COMB Max	4.9382	0	0.1559	0	0.0665	0	0.2468
NE+5.00	B126	136	DISY-COMB Max	5.5555	0	0.1559	0	0.0665	0	0.3428
NE+5.00	B126	136	DISY-COMB Max	6.1727	0	0.1559	0	0.0665	0	0.4388
NE+5.00	B126	136	DISY-COMB Max	6.79	0	0.1559	0	0.0665	0	0.535
NE+5.00	B126	136	B241	0	0	-65.5665	0	0.4109	0	-95.4006
NE+5.00	B126	136	B241	0.6173	0	-59.9778	0	0.4109	0	-56.3128
NE+5.00	B126	136	B241	1.2345	0	-47.8466	0	0.4109	0	-22.7141

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B126	136	B241	1.8518	0	-33.3134	0	0.4109	0	2.3348
NE+5.00	B126	136	B241	2.4691	0	-18.7802	0	0.4109	0	18.4128
NE+5.00	B126	136	B241	3.0864	0	-4.2469	0	0.4109	0	25.5198
NE+5.00	B126	136	B241	3.7036	0	10.2863	0	0.4109	0	23.6558
NE+5.00	B126	136	B241	4.3209	0	24.8195	0	0.4109	0	12.8208
NE+5.00	B126	136	B241	4.9382	0	39.3528	0	0.4109	0	-6.9851
NE+5.00	B126	136	B241	5.5555	0	53.886	0	0.4109	0	-35.762
NE+5.00	B126	136	B241	6.1727	0	66.0171	0	0.4109	0	-73.0886
NE+5.00	B126	136	B241	6.79	0	71.6059	0	0.4109	0	-115.9043
NE+5.00	B126	136	B242	0	0	-73.783	0	0.7457	0	-108.8757
NE+5.00	B126	136	B242	0.6173	0	-67.7734	0	0.7457	0	-64.7692
NE+5.00	B126	136	B242	1.2345	0	-53.744	0	0.7457	0	-26.8721
NE+5.00	B126	136	B242	1.8518	0	-36.7702	0	0.7457	0	1.0639
NE+5.00	B126	136	B242	2.4691	0	-19.7963	0	0.7457	0	18.5224
NE+5.00	B126	136	B242	3.0864	0	-2.8225	0	0.7457	0	25.5034
NE+5.00	B126	136	B242	3.7036	0	14.1514	0	0.7457	0	22.0069
NE+5.00	B126	136	B242	4.3209	0	31.1252	0	0.7457	0	8.0329
NE+5.00	B126	136	B242	4.9382	0	48.099	0	0.7457	0	-16.4186
NE+5.00	B126	136	B242	5.5555	0	65.0729	0	0.7457	0	-51.3475
NE+5.00	B126	136	B242	6.1727	0	79.1022	0	0.7457	0	-96.2377
NE+5.00	B126	136	B242	6.79	0	85.1119	0	0.7457	0	-147.3372
NE+5.00	B127	137	Pprop	0	0	-16.4449	0	0.3708	0	-18.8168
NE+5.00	B127	137	Pprop	0.7173	0	-13.8885	0	0.3708	0	-7.9382
NE+5.00	B127	137	Pprop	1.4345	0	-11.3322	0	0.3708	0	1.1069
NE+5.00	B127	137	Pprop	2.1518	0	-8.7758	0	0.3708	0	8.3183
NE+5.00	B127	137	Pprop	2.8691	0	-6.2194	0	0.3708	0	13.6962
NE+5.00	B127	137	Pprop	3.5864	0	-3.6631	0	0.3708	0	17.2404
NE+5.00	B127	137	Pprop	4.215	0	-1.4226	0	0.3708	0	18.8389
NE+5.00	B127	137	Pprop	4.215	0	-1.4226	0	0.3708	0	18.8389
NE+5.00	B127	137	Pprop	4.3036	0	-1.1067	0	0.3708	0	18.951
NE+5.00	B127	137	Pprop	5.0209	0	1.4496	0	0.3708	0	18.828
NE+5.00	B127	137	Pprop	5.7382	0	4.006	0	0.3708	0	16.8714
NE+5.00	B127	137	Pprop	6.4555	0	6.5624	0	0.3708	0	13.0812
NE+5.00	B127	137	Pprop	7.1727	0	9.1187	0	0.3708	0	7.4574
NE+5.00	B127	137	Pprop	7.89	0	11.6751	0	0.3708	0	0
NE+5.00	B127	137	Viva	0	0	-25.8887	0	0.3053	0	-36.2019
NE+5.00	B127	137	Viva	0.7173	0	-24.8597	0	0.3053	0	-17.8787
NE+5.00	B127	137	Viva	1.4345	0	-21.9424	0	0.3053	0	-1.0151
NE+5.00	B127	137	Viva	2.1518	0	-18.6621	0	0.3053	0	13.5472
NE+5.00	B127	137	Viva	2.8691	0	-15.3818	0	0.3053	0	25.7565
NE+5.00	B127	137	Viva	3.5864	0	-12.6333	0	0.3053	0	35.7045
NE+5.00	B127	137	Viva	4.215	0	-11.8438	0	0.3053	0	43.3154
NE+5.00	B127	137	Viva	4.215	0	-2.6919	0	0.3053	0	43.3154
NE+5.00	B127	137	Viva	4.3036	0	-2.6525	0	0.3053	0	43.5528
NE+5.00	B127	137	Viva	5.0209	0	0.5591	0	0.3053	0	44.6114

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B127	137	Viva	5.7382	0	8.1943	0	0.3053	0	41.6116
NE+5.00	B127	137	Viva	6.4555	0	16.3951	0	0.3053	0	32.793
NE+5.00	B127	137	Viva	7.1727	0	23.6883	0	0.3053	0	18.221
NE+5.00	B127	137	Viva	7.89	0	26.2607	0	0.3053	0	0
NE+5.00	B127	137	Psup	0	0	-62.0107	0	1.8218	0	-81.7536
NE+5.00	B127	137	Psup	0.7173	0	-58.5657	0	1.8218	0	-38.0987
NE+5.00	B127	137	Psup	1.4345	0	-48.7987	0	1.8218	0	0.6694
NE+5.00	B127	137	Psup	2.1518	0	-37.8162	0	1.8218	0	31.7326
NE+5.00	B127	137	Psup	2.8691	0	-26.8336	0	1.8218	0	54.9184
NE+5.00	B127	137	Psup	3.5864	0	-17.6316	0	1.8218	0	70.5329
NE+5.00	B127	137	Psup	4.215	0	-14.9884	0	1.8218	0	80.509
NE+5.00	B127	137	Psup	4.215	0	2.5178	0	1.8218	0	80.509
NE+5.00	B127	137	Psup	4.3036	0	2.5705	0	1.8218	0	80.2843
NE+5.00	B127	137	Psup	5.0209	0	6.8715	0	1.8218	0	77.3103
NE+5.00	B127	137	Psup	5.7382	0	17.0965	0	1.8218	0	68.9013
NE+5.00	B127	137	Psup	6.4555	0	28.079	0	1.8218	0	52.6997
NE+5.00	B127	137	Psup	7.1727	0	37.8461	0	1.8218	0	28.7933
NE+5.00	B127	137	Psup	7.89	0	41.291	0	1.8218	0	0
NE+5.00	B127	137	Viva.cub	0	0	-0.0002	0	0.0002	0	-0.0019
NE+5.00	B127	137	Viva.cub	0.7173	0	-0.0002	0	0.0002	0	-0.0018
NE+5.00	B127	137	Viva.cub	1.4345	0	-0.0002	0	0.0002	0	-0.0016
NE+5.00	B127	137	Viva.cub	2.1518	0	-0.0002	0	0.0002	0	-0.0014
NE+5.00	B127	137	Viva.cub	2.8691	0	-0.0002	0	0.0002	0	-0.0012
NE+5.00	B127	137	Viva.cub	3.5864	0	-0.0002	0	0.0002	0	-0.0011
NE+5.00	B127	137	Viva.cub	4.215	0	-0.0002	0	0.0002	0	-0.0009
NE+5.00	B127	137	Viva.cub	4.215	0	-0.0002	0	0.0002	0	-0.0009
NE+5.00	B127	137	Viva.cub	4.3036	0	-0.0002	0	0.0002	0	-0.0009
NE+5.00	B127	137	Viva.cub	5.0209	0	-0.0002	0	0.0002	0	-0.0007
NE+5.00	B127	137	Viva.cub	5.7382	0	-0.0002	0	0.0002	0	-0.0005
NE+5.00	B127	137	Viva.cub	6.4555	0	-0.0002	0	0.0002	0	-0.0004
NE+5.00	B127	137	Viva.cub	7.1727	0	-0.0002	0	0.0002	0	-0.0002
NE+5.00	B127	137	Viva.cub	7.89	0	-0.0002	0	0.0002	0	0
NE+5.00	B127	137	DISX-COMB Max	0	0	1.0315	0	0.5495	0	8.1386
NE+5.00	B127	137	DISX-COMB Max	0.7173	0	1.0315	0	0.5495	0	7.3987
NE+5.00	B127	137	DISX-COMB Max	1.4345	0	1.0315	0	0.5495	0	6.6589
NE+5.00	B127	137	DISX-COMB Max	2.1518	0	1.0315	0	0.5495	0	5.919
NE+5.00	B127	137	DISX-COMB Max	2.8691	0	1.0315	0	0.5495	0	5.1791
NE+5.00	B127	137	DISX-COMB Max	3.5864	0	1.0315	0	0.5495	0	4.4392
NE+5.00	B127	137	DISX-COMB Max	4.215	0	1.0315	0	0.5495	0	3.7908
NE+5.00	B127	137	DISX-COMB Max	4.215	0	1.0315	0	0.5495	0	3.7908
NE+5.00	B127	137	DISX-COMB Max	4.3036	0	1.0315	0	0.5495	0	3.6994
NE+5.00	B127	137	DISX-COMB Max	5.0209	0	1.0315	0	0.5495	0	2.9595
NE+5.00	B127	137	DISX-COMB Max	5.7382	0	1.0315	0	0.5495	0	2.2196
NE+5.00	B127	137	DISX-COMB Max	6.4555	0	1.0315	0	0.5495	0	1.4797
NE+5.00	B127	137	DISX-COMB Max	7.1727	0	1.0315	0	0.5495	0	0.7399

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B127	137	DISX-COMB Max	7.89	0	1.0315	0	0.5495	0	0
NE+5.00	B127	137	DISY-COMB Max	0	0	0.0454	0	0.1059	0	0.3581
NE+5.00	B127	137	DISY-COMB Max	0.7173	0	0.0454	0	0.1059	0	0.3255
NE+5.00	B127	137	DISY-COMB Max	1.4345	0	0.0454	0	0.1059	0	0.293
NE+5.00	B127	137	DISY-COMB Max	2.1518	0	0.0454	0	0.1059	0	0.2604
NE+5.00	B127	137	DISY-COMB Max	2.8691	0	0.0454	0	0.1059	0	0.2279
NE+5.00	B127	137	DISY-COMB Max	3.5864	0	0.0454	0	0.1059	0	0.1953
NE+5.00	B127	137	DISY-COMB Max	4.215	0	0.0454	0	0.1059	0	0.1668
NE+5.00	B127	137	DISY-COMB Max	4.215	0	0.0454	0	0.1059	0	0.1668
NE+5.00	B127	137	DISY-COMB Max	4.3036	0	0.0454	0	0.1059	0	0.1628
NE+5.00	B127	137	DISY-COMB Max	5.0209	0	0.0454	0	0.1059	0	0.1302
NE+5.00	B127	137	DISY-COMB Max	5.7382	0	0.0454	0	0.1059	0	0.0977
NE+5.00	B127	137	DISY-COMB Max	6.4555	0	0.0454	0	0.1059	0	0.0651
NE+5.00	B127	137	DISY-COMB Max	7.1727	0	0.0454	0	0.1059	0	0.0326
NE+5.00	B127	137	DISY-COMB Max	7.89	0	0.0454	0	0.1059	0	0
NE+5.00	B127	137	B241	0	0	-101.7017	0	2.8423	0	-130.3691
NE+5.00	B127	137	B241	0.7173	0	-93.9222	0	2.8423	0	-59.6774
NE+5.00	B127	137	B241	1.4345	0	-77.9474	0	2.8423	0	2.3026
NE+5.00	B127	137	B241	2.1518	0	-60.397	0	2.8423	0	51.9179
NE+5.00	B127	137	B241	2.8691	0	-42.8466	0	2.8423	0	88.9448
NE+5.00	B127	137	B241	3.5864	0	-27.6043	0	2.8423	0	113.7802
NE+5.00	B127	137	B241	4.215	0	-21.2735	0	2.8423	0	128.7844
NE+5.00	B127	137	B241	4.215	0	1.4197	0	2.8423	0	128.7844
NE+5.00	B127	137	B241	4.3036	0	1.8975	0	2.8423	0	128.6384
NE+5.00	B127	137	B241	5.0209	0	10.7867	0	2.8423	0	124.6238
NE+5.00	B127	137	B241	5.7382	0	27.3551	0	2.8423	0	111.1869
NE+5.00	B127	137	B241	6.4555	0	44.9055	0	2.8423	0	85.2716
NE+5.00	B127	137	B241	7.1727	0	60.8803	0	2.8423	0	46.9916
NE+5.00	B127	137	B241	7.89	0	68.6598	0	2.8423	0	0
NE+5.00	B127	137	B242	0	0	-128.5948	0	2.9249	0	-169.669
NE+5.00	B127	137	B242	0.7173	0	-120.2804	0	2.9249	0	-79.7589
NE+5.00	B127	137	B242	1.4345	0	-101.9201	0	2.9249	0	0.3487
NE+5.00	B127	137	B242	2.1518	0	-81.6283	0	2.9249	0	66.1758
NE+5.00	B127	137	B242	2.8691	0	-61.3366	0	2.9249	0	117.4482
NE+5.00	B127	137	B242	3.5864	0	-43.8742	0	2.9249	0	154.6526
NE+5.00	B127	137	B242	4.215	0	-37.1846	0	2.9249	0	179.6907
NE+5.00	B127	137	B242	4.215	0	-3.0902	0	2.9249	0	179.6907
NE+5.00	B127	137	B242	4.3036	0	-2.6178	0	2.9249	0	179.9455
NE+5.00	B127	137	B242	5.0209	0	10.1403	0	2.9249	0	178.1983
NE+5.00	B127	137	B242	5.7382	0	36.5579	0	2.9249	0	161.8814
NE+5.00	B127	137	B242	6.4555	0	64.7225	0	2.9249	0	125.5585
NE+5.00	B127	137	B242	7.1727	0	90.0842	0	2.9249	0	69.4321
NE+5.00	B127	137	B242	7.89	0	100.8682	0	2.9249	0	0
NE+5.00	B128	138	Pprop	0	0	-16.468	0	-0.3338	0	-18.999
NE+5.00	B128	138	Pprop	0.7173	0	-13.9116	0	-0.3338	0	-8.1038

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B128	138	Pprop	1.4345	0	-11.3552	0	-0.3338	0	0.9578
NE+5.00	B128	138	Pprop	2.1518	0	-8.7989	0	-0.3338	0	8.1858
NE+5.00	B128	138	Pprop	2.8691	0	-6.2425	0	-0.3338	0	13.5802
NE+5.00	B128	138	Pprop	3.5864	0	-3.6862	0	-0.3338	0	17.141
NE+5.00	B128	138	Pprop	4.215	0	-1.4457	0	-0.3338	0	18.7541
NE+5.00	B128	138	Pprop	4.215	0	-1.4457	0	-0.3338	0	18.7541
NE+5.00	B128	138	Pprop	4.3036	0	-1.1298	0	-0.3338	0	18.8682
NE+5.00	B128	138	Pprop	5.0209	0	1.4266	0	-0.3338	0	18.7618
NE+5.00	B128	138	Pprop	5.7382	0	3.9829	0	-0.3338	0	16.8217
NE+5.00	B128	138	Pprop	6.4555	0	6.5393	0	-0.3338	0	13.0481
NE+5.00	B128	138	Pprop	7.1727	0	9.0956	0	-0.3338	0	7.4409
NE+5.00	B128	138	Pprop	7.89	0	11.652	0	-0.3338	0	0
NE+5.00	B128	138	Viva	0	0	-25.9486	0	-0.2337	0	-36.6744
NE+5.00	B128	138	Viva	0.7173	0	-24.9196	0	-0.2337	0	-18.3083
NE+5.00	B128	138	Viva	1.4345	0	-22.0023	0	-0.2337	0	-1.4017
NE+5.00	B128	138	Viva	2.1518	0	-18.722	0	-0.2337	0	13.2035
NE+5.00	B128	138	Viva	2.8691	0	-15.4417	0	-0.2337	0	25.4559
NE+5.00	B128	138	Viva	3.5864	0	-12.6932	0	-0.2337	0	35.4468
NE+5.00	B128	138	Viva	4.215	0	-11.9037	0	-0.2337	0	43.0953
NE+5.00	B128	138	Viva	4.215	0	-2.7517	0	-0.2337	0	43.0953
NE+5.00	B128	138	Viva	4.3036	0	-2.7124	0	-0.2337	0	43.338
NE+5.00	B128	138	Viva	5.0209	0	0.4993	0	-0.2337	0	44.4396
NE+5.00	B128	138	Viva	5.7382	0	8.1344	0	-0.2337	0	41.4827
NE+5.00	B128	138	Viva	6.4555	0	16.3352	0	-0.2337	0	32.7071
NE+5.00	B128	138	Viva	7.1727	0	23.6284	0	-0.2337	0	18.1781
NE+5.00	B128	138	Viva	7.89	0	26.2008	0	-0.2337	0	0
NE+5.00	B128	138	Psup	0	0	-62.1214	0	-1.8557	0	-82.6275
NE+5.00	B128	138	Psup	0.7173	0	-58.6765	0	-1.8557	0	-38.8931
NE+5.00	B128	138	Psup	1.4345	0	-48.9095	0	-1.8557	0	-0.0456
NE+5.00	B128	138	Psup	2.1518	0	-37.9269	0	-1.8557	0	31.0971
NE+5.00	B128	138	Psup	2.8691	0	-26.9444	0	-1.8557	0	54.3623
NE+5.00	B128	138	Psup	3.5864	0	-17.7424	0	-1.8557	0	70.0563
NE+5.00	B128	138	Psup	4.215	0	-15.0991	0	-1.8557	0	80.102
NE+5.00	B128	138	Psup	4.215	0	2.4071	0	-1.8557	0	80.102
NE+5.00	B128	138	Psup	4.3036	0	2.4597	0	-1.8557	0	79.8871
NE+5.00	B128	138	Psup	5.0209	0	6.7608	0	-1.8557	0	76.9926
NE+5.00	B128	138	Psup	5.7382	0	16.9858	0	-1.8557	0	68.663
NE+5.00	B128	138	Psup	6.4555	0	27.9683	0	-1.8557	0	52.5408
NE+5.00	B128	138	Psup	7.1727	0	37.7353	0	-1.8557	0	28.7138
NE+5.00	B128	138	Psup	7.89	0	41.1803	0	-1.8557	0	0
NE+5.00	B128	138	Viva.cub	0	0	-0.0019	0	3.187E-05	0	-0.0153
NE+5.00	B128	138	Viva.cub	0.7173	0	-0.0019	0	3.187E-05	0	-0.0139
NE+5.00	B128	138	Viva.cub	1.4345	0	-0.0019	0	3.187E-05	0	-0.0125
NE+5.00	B128	138	Viva.cub	2.1518	0	-0.0019	0	3.187E-05	0	-0.0112
NE+5.00	B128	138	Viva.cub	2.8691	0	-0.0019	0	3.187E-05	0	-0.0098

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B128	138	Viva.cub	3.5864	0	-0.0019	0	3.187E-05	0	-0.0084
NE+5.00	B128	138	Viva.cub	4.215	0	-0.0019	0	3.187E-05	0	-0.0071
NE+5.00	B128	138	Viva.cub	4.215	0	-0.0019	0	3.187E-05	0	-0.0071
NE+5.00	B128	138	Viva.cub	4.3036	0	-0.0019	0	3.187E-05	0	-0.007
NE+5.00	B128	138	Viva.cub	5.0209	0	-0.0019	0	3.187E-05	0	-0.0056
NE+5.00	B128	138	Viva.cub	5.7382	0	-0.0019	0	3.187E-05	0	-0.0042
NE+5.00	B128	138	Viva.cub	6.4555	0	-0.0019	0	3.187E-05	0	-0.0028
NE+5.00	B128	138	Viva.cub	7.1727	0	-0.0019	0	3.187E-05	0	-0.0014
NE+5.00	B128	138	Viva.cub	7.89	0	-0.0019	0	3.187E-05	0	0
NE+5.00	B128	138	DISX-COMB Max	0	0	1.138	0	0.4626	0	8.9789
NE+5.00	B128	138	DISX-COMB Max	0.7173	0	1.138	0	0.4626	0	8.1627
NE+5.00	B128	138	DISX-COMB Max	1.4345	0	1.138	0	0.4626	0	7.3464
NE+5.00	B128	138	DISX-COMB Max	2.1518	0	1.138	0	0.4626	0	6.5301
NE+5.00	B128	138	DISX-COMB Max	2.8691	0	1.138	0	0.4626	0	5.7139
NE+5.00	B128	138	DISX-COMB Max	3.5864	0	1.138	0	0.4626	0	4.8976
NE+5.00	B128	138	DISX-COMB Max	4.215	0	1.138	0	0.4626	0	4.1822
NE+5.00	B128	138	DISX-COMB Max	4.215	0	1.138	0	0.4626	0	4.1822
NE+5.00	B128	138	DISX-COMB Max	4.3036	0	1.138	0	0.4626	0	4.0813
NE+5.00	B128	138	DISX-COMB Max	5.0209	0	1.138	0	0.4626	0	3.2651
NE+5.00	B128	138	DISX-COMB Max	5.7382	0	1.138	0	0.4626	0	2.4488
NE+5.00	B128	138	DISX-COMB Max	6.4555	0	1.138	0	0.4626	0	1.6325
NE+5.00	B128	138	DISX-COMB Max	7.1727	0	1.138	0	0.4626	0	0.8163
NE+5.00	B128	138	DISX-COMB Max	7.89	0	1.138	0	0.4626	0	0
NE+5.00	B128	138	DISY-COMB Max	0	0	0.0523	0	0.139	0	0.4124
NE+5.00	B128	138	DISY-COMB Max	0.7173	0	0.0523	0	0.139	0	0.3749
NE+5.00	B128	138	DISY-COMB Max	1.4345	0	0.0523	0	0.139	0	0.3374
NE+5.00	B128	138	DISY-COMB Max	2.1518	0	0.0523	0	0.139	0	0.2999
NE+5.00	B128	138	DISY-COMB Max	2.8691	0	0.0523	0	0.139	0	0.2624
NE+5.00	B128	138	DISY-COMB Max	3.5864	0	0.0523	0	0.139	0	0.2249
NE+5.00	B128	138	DISY-COMB Max	4.215	0	0.0523	0	0.139	0	0.1921
NE+5.00	B128	138	DISY-COMB Max	4.215	0	0.0523	0	0.139	0	0.1921
NE+5.00	B128	138	DISY-COMB Max	4.3036	0	0.0523	0	0.139	0	0.1875
NE+5.00	B128	138	DISY-COMB Max	5.0209	0	0.0523	0	0.139	0	0.15
NE+5.00	B128	138	DISY-COMB Max	5.7382	0	0.0523	0	0.139	0	0.1125
NE+5.00	B128	138	DISY-COMB Max	6.4555	0	0.0523	0	0.139	0	0.075
NE+5.00	B128	138	DISY-COMB Max	7.1727	0	0.0523	0	0.139	0	0.0375
NE+5.00	B128	138	DISY-COMB Max	7.89	0	0.0523	0	0.139	0	0
NE+5.00	B128	138	B241	0	0	-101.8752	0	-2.8382	0	-131.738
NE+5.00	B128	138	B241	0.7173	0	-94.0957	0	-2.8382	0	-60.9219
NE+5.00	B128	138	B241	1.4345	0	-78.1209	0	-2.8382	0	1.1826
NE+5.00	B128	138	B241	2.1518	0	-60.5705	0	-2.8382	0	50.9223
NE+5.00	B128	138	B241	2.8691	0	-43.0201	0	-2.8382	0	88.0737
NE+5.00	B128	138	B241	3.5864	0	-27.7778	0	-2.8382	0	113.0335
NE+5.00	B128	138	B241	4.215	0	-21.447	0	-2.8382	0	128.1468
NE+5.00	B128	138	B241	4.215	0	1.2462	0	-2.8382	0	128.1468

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B128	138	B241	4.3036	0	1.724	0	-2.8382	0	128.0162
NE+5.00	B128	138	B241	5.0209	0	10.6132	0	-2.8382	0	124.126
NE+5.00	B128	138	B241	5.7382	0	27.1816	0	-2.8382	0	110.8136
NE+5.00	B128	138	B241	6.4555	0	44.732	0	-2.8382	0	85.0227
NE+5.00	B128	138	B241	7.1727	0	60.7068	0	-2.8382	0	46.8672
NE+5.00	B128	138	B241	7.89	0	68.4863	0	-2.8382	0	0
NE+5.00	B128	138	B242	0	0	-128.8402	0	-2.8066	0	-171.605
NE+5.00	B128	138	B242	0.7173	0	-120.5258	0	-2.8066	0	-81.5189
NE+5.00	B128	138	B242	1.4345	0	-102.1655	0	-2.8066	0	-1.2354
NE+5.00	B128	138	B242	2.1518	0	-81.8737	0	-2.8066	0	64.7678
NE+5.00	B128	138	B242	2.8691	0	-61.582	0	-2.8066	0	116.2162
NE+5.00	B128	138	B242	3.5864	0	-44.1196	0	-2.8066	0	153.5965
NE+5.00	B128	138	B242	4.215	0	-37.43	0	-2.8066	0	178.789
NE+5.00	B128	138	B242	4.215	0	-3.3356	0	-2.8066	0	178.789
NE+5.00	B128	138	B242	4.3036	0	-2.8632	0	-2.8066	0	179.0655
NE+5.00	B128	138	B242	5.0209	0	9.8949	0	-2.8066	0	177.4943
NE+5.00	B128	138	B242	5.7382	0	36.3126	0	-2.8066	0	161.3534
NE+5.00	B128	138	B242	6.4555	0	64.4771	0	-2.8066	0	125.2065
NE+5.00	B128	138	B242	7.1727	0	89.8388	0	-2.8066	0	69.2561
NE+5.00	B128	138	B242	7.89	0	100.6228	0	-2.8066	0	0
NE+5.00	B268	518	Pprop	0	0	9.821	0	-4.3673	0	-0.3612
NE+5.00	B268	518	Pprop	0.1409	0	10.4237	0	-4.3673	0	-1.7875
NE+5.00	B268	518	Pprop	0.2818	0	11.0263	0	-4.3673	0	-3.2988
NE+5.00	B268	518	Pprop	0.4227	0	11.629	0	-4.3673	0	-4.895
NE+5.00	B268	518	Pprop	0.5636	0	12.2316	0	-4.3673	0	-6.576
NE+5.00	B268	518	Pprop	0.7045	0	12.8342	0	-4.3673	0	-8.342
NE+5.00	B268	518	Pprop	0.8455	0	13.4369	0	-4.3673	0	-10.193
NE+5.00	B268	518	Pprop	0.9864	0	14.0395	0	-4.3673	0	-12.1288
NE+5.00	B268	518	Pprop	1.1273	0	14.6422	0	-4.3673	0	-14.1495
NE+5.00	B268	518	Pprop	1.2682	0	15.2448	0	-4.3673	0	-16.2552
NE+5.00	B268	518	Pprop	1.4091	0	15.8474	0	-4.3673	0	-18.4458
NE+5.00	B268	518	Pprop	1.55	0	16.4501	0	-4.3673	0	-20.7213
NE+5.00	B268	518	Viva	0	0	14.0339	0	-7.0699	0	-0.5716
NE+5.00	B268	518	Viva	0.1409	0	14.0835	0	-7.0699	0	-2.5514
NE+5.00	B268	518	Viva	0.2818	0	14.2324	0	-7.0699	0	-4.5453
NE+5.00	B268	518	Viva	0.4227	0	14.4806	0	-7.0699	0	-6.5671
NE+5.00	B268	518	Viva	0.5636	0	14.8281	0	-7.0699	0	-8.6308
NE+5.00	B268	518	Viva	0.7045	0	15.2749	0	-7.0699	0	-10.7505
NE+5.00	B268	518	Viva	0.8455	0	15.8209	0	-7.0699	0	-12.9402
NE+5.00	B268	518	Viva	0.9864	0	16.4542	0	-7.0699	0	-15.2136
NE+5.00	B268	518	Viva	1.1273	0	17.0307	0	-7.0699	0	-17.574
NE+5.00	B268	518	Viva	1.2682	0	17.5079	0	-7.0699	0	-20.0085
NE+5.00	B268	518	Viva	1.4091	0	17.8857	0	-7.0699	0	-22.5033
NE+5.00	B268	518	Viva	1.55	0	18.1644	0	-7.0699	0	-25.0444
NE+5.00	B268	518	Psup	0	0	18.252	0	-6.8296	0	-0.3517

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B268	518	Psup	0.1409	0	18.3185	0	-6.8296	0	-2.9267
NE+5.00	B268	518	Psup	0.2818	0	18.5179	0	-6.8296	0	-5.5204
NE+5.00	B268	518	Psup	0.4227	0	18.8503	0	-6.8296	0	-8.1516
NE+5.00	B268	518	Psup	0.5636	0	19.3156	0	-6.8296	0	-10.839
NE+5.00	B268	518	Psup	0.7045	0	19.9139	0	-6.8296	0	-13.6014
NE+5.00	B268	518	Psup	0.8455	0	20.6452	0	-6.8296	0	-16.4574
NE+5.00	B268	518	Psup	0.9864	0	21.4934	0	-6.8296	0	-19.4255
NE+5.00	B268	518	Psup	1.1273	0	22.2653	0	-6.8296	0	-22.5101
NE+5.00	B268	518	Psup	1.2682	0	22.9044	0	-6.8296	0	-25.6941
NE+5.00	B268	518	Psup	1.4091	0	23.4104	0	-6.8296	0	-28.9587
NE+5.00	B268	518	Psup	1.55	0	23.7835	0	-6.8296	0	-32.2853
NE+5.00	B268	518	Viva.cub	0	0	0.0001	0	-0.0006	0	-3.74E-05
NE+5.00	B268	518	Viva.cub	0.1409	0	0.0001	0	-0.0006	0	-0.0001
NE+5.00	B268	518	Viva.cub	0.2818	0	0.0001	0	-0.0006	0	-0.0001
NE+5.00	B268	518	Viva.cub	0.4227	0	0.0001	0	-0.0006	0	-0.0001
NE+5.00	B268	518	Viva.cub	0.5636	0	0.0001	0	-0.0006	0	-0.0001
NE+5.00	B268	518	Viva.cub	0.7045	0	0.0001	0	-0.0006	0	-0.0001
NE+5.00	B268	518	Viva.cub	0.8455	0	0.0001	0	-0.0006	0	-0.0001
NE+5.00	B268	518	Viva.cub	0.9864	0	0.0001	0	-0.0006	0	-0.0002
NE+5.00	B268	518	Viva.cub	1.1273	0	0.0001	0	-0.0006	0	-0.0002
NE+5.00	B268	518	Viva.cub	1.2682	0	0.0001	0	-0.0006	0	-0.0002
NE+5.00	B268	518	Viva.cub	1.4091	0	0.0001	0	-0.0006	0	-0.0002
NE+5.00	B268	518	Viva.cub	1.55	0	0.0001	0	-0.0006	0	-0.0002
NE+5.00	B268	518	DISX-COMB Max	0	0	7.1903	0	37.5544	0	0.6537
NE+5.00	B268	518	DISX-COMB Max	0.1409	0	7.1903	0	37.5544	0	1.5271
NE+5.00	B268	518	DISX-COMB Max	0.2818	0	7.1903	0	37.5544	0	2.5079
NE+5.00	B268	518	DISX-COMB Max	0.4227	0	7.1903	0	37.5544	0	3.5072
NE+5.00	B268	518	DISX-COMB Max	0.5636	0	7.1903	0	37.5544	0	4.5127
NE+5.00	B268	518	DISX-COMB Max	0.7045	0	7.1903	0	37.5544	0	5.521
NE+5.00	B268	518	DISX-COMB Max	0.8455	0	7.1903	0	37.5544	0	6.5308
NE+5.00	B268	518	DISX-COMB Max	0.9864	0	7.1903	0	37.5544	0	7.5416
NE+5.00	B268	518	DISX-COMB Max	1.1273	0	7.1903	0	37.5544	0	8.5529
NE+5.00	B268	518	DISX-COMB Max	1.2682	0	7.1903	0	37.5544	0	9.5646
NE+5.00	B268	518	DISX-COMB Max	1.4091	0	7.1903	0	37.5544	0	10.5765
NE+5.00	B268	518	DISX-COMB Max	1.55	0	7.1903	0	37.5544	0	11.5887
NE+5.00	B268	518	DISY-COMB Max	0	0	0.2151	0	1.1016	0	0.1819
NE+5.00	B268	518	DISY-COMB Max	0.1409	0	0.2151	0	1.1016	0	0.1912
NE+5.00	B268	518	DISY-COMB Max	0.2818	0	0.2151	0	1.1016	0	0.2047
NE+5.00	B268	518	DISY-COMB Max	0.4227	0	0.2151	0	1.1016	0	0.2215
NE+5.00	B268	518	DISY-COMB Max	0.5636	0	0.2151	0	1.1016	0	0.2409
NE+5.00	B268	518	DISY-COMB Max	0.7045	0	0.2151	0	1.1016	0	0.2625
NE+5.00	B268	518	DISY-COMB Max	0.8455	0	0.2151	0	1.1016	0	0.2856
NE+5.00	B268	518	DISY-COMB Max	0.9864	0	0.2151	0	1.1016	0	0.31
NE+5.00	B268	518	DISY-COMB Max	1.1273	0	0.2151	0	1.1016	0	0.3353
NE+5.00	B268	518	DISY-COMB Max	1.2682	0	0.2151	0	1.1016	0	0.3614

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B268	518	DISY-COMB Max	1.4091	0	0.2151	0	1.1016	0	0.3881
NE+5.00	B268	518	DISY-COMB Max	1.55	0	0.2151	0	1.1016	0	0.4153
NE+5.00	B268	518	B241	0	0	36.391	0	-14.5145	0	-0.9241
NE+5.00	B268	518	B241	0.1409	0	37.2584	0	-14.5145	0	-6.111
NE+5.00	B268	518	B241	0.2818	0	38.2981	0	-14.5145	0	-11.4323
NE+5.00	B268	518	B241	0.4227	0	39.5102	0	-14.5145	0	-16.9122
NE+5.00	B268	518	B241	0.5636	0	40.8946	0	-14.5145	0	-22.5751
NE+5.00	B268	518	B241	0.7045	0	42.4513	0	-14.5145	0	-28.4451
NE+5.00	B268	518	B241	0.8455	0	44.1804	0	-14.5145	0	-34.5467
NE+5.00	B268	518	B241	0.9864	0	46.0611	0	-14.5145	0	-40.9037
NE+5.00	B268	518	B241	1.1273	0	47.843	0	-14.5145	0	-47.5217
NE+5.00	B268	518	B241	1.2682	0	49.4526	0	-14.5145	0	-54.3787
NE+5.00	B268	518	B241	1.4091	0	50.8898	0	-14.5145	0	-61.4503
NE+5.00	B268	518	B241	1.55	0	52.1547	0	-14.5145	0	-68.7123
NE+5.00	B268	518	B242	0	0	53.6466	0	-23.7531	0	-1.7067
NE+5.00	B268	518	B242	0.1409	0	54.4695	0	-23.7531	0	-9.3203
NE+5.00	B268	518	B242	0.2818	0	55.5989	0	-23.7531	0	-17.0715
NE+5.00	B268	518	B242	0.4227	0	57.0349	0	-23.7531	0	-25.0035
NE+5.00	B268	518	B242	0.5636	0	58.7775	0	-23.7531	0	-33.1594
NE+5.00	B268	518	B242	0.7045	0	60.8267	0	-23.7531	0	-41.5825
NE+5.00	B268	518	B242	0.8455	0	63.1824	0	-23.7531	0	-50.3159
NE+5.00	B268	518	B242	0.9864	0	65.8078	0	-23.7531	0	-59.4022
NE+5.00	B268	518	B242	1.1273	0	68.2575	0	-23.7531	0	-68.8513
NE+5.00	B268	518	B242	1.2682	0	70.4006	0	-23.7531	0	-78.624
NE+5.00	B268	518	B242	1.4091	0	72.2371	0	-23.7531	0	-88.6771
NE+5.00	B268	518	B242	1.55	0	73.7671	0	-23.7531	0	-98.9673
NE+5.00	B269	519	Pprop	0	0	25.3343	0	0.6148	0	0.3898
NE+5.00	B269	519	Pprop	0.1409	0	25.9369	0	0.6148	0	-3.2225
NE+5.00	B269	519	Pprop	0.2818	0	26.5396	0	0.6148	0	-6.9197
NE+5.00	B269	519	Pprop	0.4227	0	27.1422	0	0.6148	0	-10.7018
NE+5.00	B269	519	Pprop	0.5636	0	27.7449	0	0.6148	0	-14.5689
NE+5.00	B269	519	Pprop	0.7045	0	28.3475	0	0.6148	0	-18.5208
NE+5.00	B269	519	Pprop	0.8455	0	28.9501	0	0.6148	0	-22.5577
NE+5.00	B269	519	Pprop	0.9864	0	29.5528	0	0.6148	0	-26.6795
NE+5.00	B269	519	Pprop	1.1273	0	30.1554	0	0.6148	0	-30.8862
NE+5.00	B269	519	Pprop	1.2682	0	30.7581	0	0.6148	0	-35.1779
NE+5.00	B269	519	Pprop	1.4091	0	31.3607	0	0.6148	0	-39.5544
NE+5.00	B269	519	Pprop	1.55	0	31.9633	0	0.6148	0	-44.0159
NE+5.00	B269	519	Viva	0	0	37.146	0	0.9864	0	0.6222
NE+5.00	B269	519	Viva	0.1409	0	37.2453	0	0.9864	0	-4.6167
NE+5.00	B269	519	Viva	0.2818	0	37.5431	0	0.9864	0	-9.8835
NE+5.00	B269	519	Viva	0.4227	0	38.0395	0	0.9864	0	-15.2063
NE+5.00	B269	519	Viva	0.5636	0	38.7345	0	0.9864	0	-20.6131
NE+5.00	B269	519	Viva	0.7045	0	39.6279	0	0.9864	0	-26.1317
NE+5.00	B269	519	Viva	0.8455	0	40.72	0	0.9864	0	-31.7903

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B269	519	Viva	0.9864	0	41.9867	0	0.9864	0	-37.6163
NE+5.00	B269	519	Viva	1.1273	0	43.1396	0	0.9864	0	-43.6162
NE+5.00	B269	519	Viva	1.2682	0	44.0939	0	0.9864	0	-49.7645
NE+5.00	B269	519	Viva	1.4091	0	44.8497	0	0.9864	0	-56.0333
NE+5.00	B269	519	Viva	1.55	0	45.407	0	0.9864	0	-62.3947
NE+5.00	B269	519	Psup	0	0	50.5234	0	1.5539	0	0.3773
NE+5.00	B269	519	Psup	0.1409	0	50.6564	0	1.5539	0	-6.7482
NE+5.00	B269	519	Psup	0.2818	0	51.0552	0	1.5539	0	-13.9111
NE+5.00	B269	519	Psup	0.4227	0	51.72	0	1.5539	0	-21.149
NE+5.00	B269	519	Psup	0.5636	0	52.6506	0	1.5539	0	-28.4992
NE+5.00	B269	519	Psup	0.7045	0	53.8472	0	1.5539	0	-35.9994
NE+5.00	B269	519	Psup	0.8455	0	55.3097	0	1.5539	0	-43.6869
NE+5.00	B269	519	Psup	0.9864	0	57.0061	0	1.5539	0	-51.5986
NE+5.00	B269	519	Psup	1.1273	0	58.55	0	1.5539	0	-59.7432
NE+5.00	B269	519	Psup	1.2682	0	59.8281	0	1.5539	0	-68.0866
NE+5.00	B269	519	Psup	1.4091	0	60.8402	0	1.5539	0	-76.5913
NE+5.00	B269	519	Psup	1.55	0	61.5865	0	1.5539	0	-85.22
NE+5.00	B269	519	Viva.cub	0	0	0.0002	0	-0.0015	0	0.0001
NE+5.00	B269	519	Viva.cub	0.1409	0	0.0002	0	-0.0015	0	0.0001
NE+5.00	B269	519	Viva.cub	0.2818	0	0.0002	0	-0.0015	0	0.0001
NE+5.00	B269	519	Viva.cub	0.4227	0	0.0002	0	-0.0015	0	0.0001
NE+5.00	B269	519	Viva.cub	0.5636	0	0.0002	0	-0.0015	0	2.737E-05
NE+5.00	B269	519	Viva.cub	0.7045	0	0.0002	0	-0.0015	0	-1.106E-06
NE+5.00	B269	519	Viva.cub	0.8455	0	0.0002	0	-0.0015	0	-2.959E-05
NE+5.00	B269	519	Viva.cub	0.9864	0	0.0002	0	-0.0015	0	-0.0001
NE+5.00	B269	519	Viva.cub	1.1273	0	0.0002	0	-0.0015	0	-0.0001
NE+5.00	B269	519	Viva.cub	1.2682	0	0.0002	0	-0.0015	0	-0.0001
NE+5.00	B269	519	Viva.cub	1.4091	0	0.0002	0	-0.0015	0	-0.0001
NE+5.00	B269	519	Viva.cub	1.55	0	0.0002	0	-0.0015	0	-0.0002
NE+5.00	B269	519	DISX-COMB Max	0	0	3.927	0	32.5673	0	0.5999
NE+5.00	B269	519	DISX-COMB Max	0.1409	0	3.927	0	32.5673	0	0.0616
NE+5.00	B269	519	DISX-COMB Max	0.2818	0	3.927	0	32.5673	0	0.5101
NE+5.00	B269	519	DISX-COMB Max	0.4227	0	3.927	0	32.5673	0	1.0625
NE+5.00	B269	519	DISX-COMB Max	0.5636	0	3.927	0	32.5673	0	1.6156
NE+5.00	B269	519	DISX-COMB Max	0.7045	0	3.927	0	32.5673	0	2.1688
NE+5.00	B269	519	DISX-COMB Max	0.8455	0	3.927	0	32.5673	0	2.7221
NE+5.00	B269	519	DISX-COMB Max	0.9864	0	3.927	0	32.5673	0	3.2754
NE+5.00	B269	519	DISX-COMB Max	1.1273	0	3.927	0	32.5673	0	3.8287
NE+5.00	B269	519	DISX-COMB Max	1.2682	0	3.927	0	32.5673	0	4.382
NE+5.00	B269	519	DISX-COMB Max	1.4091	0	3.927	0	32.5673	0	4.9354
NE+5.00	B269	519	DISX-COMB Max	1.55	0	3.927	0	32.5673	0	5.4887
NE+5.00	B269	519	DISY-COMB Max	0	0	0.1431	0	1.0031	0	0.0793
NE+5.00	B269	519	DISY-COMB Max	0.1409	0	0.1431	0	1.0031	0	0.09
NE+5.00	B269	519	DISY-COMB Max	0.2818	0	0.1431	0	1.0031	0	0.1036
NE+5.00	B269	519	DISY-COMB Max	0.4227	0	0.1431	0	1.0031	0	0.1191

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B269	519	DISY-COMB Max	0.5636	0	0.1431	0	1.0031	0	0.1358
NE+5.00	B269	519	DISY-COMB Max	0.7045	0	0.1431	0	1.0031	0	0.1534
NE+5.00	B269	519	DISY-COMB Max	0.8455	0	0.1431	0	1.0031	0	0.1715
NE+5.00	B269	519	DISY-COMB Max	0.9864	0	0.1431	0	1.0031	0	0.19
NE+5.00	B269	519	DISY-COMB Max	1.1273	0	0.1431	0	1.0031	0	0.2089
NE+5.00	B269	519	DISY-COMB Max	1.2682	0	0.1431	0	1.0031	0	0.2279
NE+5.00	B269	519	DISY-COMB Max	1.4091	0	0.1431	0	1.0031	0	0.2472
NE+5.00	B269	519	DISY-COMB Max	1.55	0	0.1431	0	1.0031	0	0.2665
NE+5.00	B269	519	B241	0	0	98.3341	0	2.8112	0	0.9943
NE+5.00	B269	519	B241	0.1409	0	99.2876	0	2.8112	0	-12.925
NE+5.00	B269	519	B241	0.2818	0	100.5859	0	2.8112	0	-27.0029
NE+5.00	B269	519	B241	0.4227	0	102.2288	0	2.8112	0	-41.2881
NE+5.00	B269	519	B241	0.5636	0	104.2164	0	2.8112	0	-55.829
NE+5.00	B269	519	B241	0.7045	0	106.5487	0	2.8112	0	-70.6743
NE+5.00	B269	519	B241	0.8455	0	109.2257	0	2.8112	0	-85.8726
NE+5.00	B269	519	B241	0.9864	0	112.2059	0	2.8112	0	-101.4716
NE+5.00	B269	519	B241	1.1273	0	114.9885	0	2.8112	0	-117.4826
NE+5.00	B269	519	B241	1.2682	0	117.4265	0	2.8112	0	-133.8613
NE+5.00	B269	519	B241	1.4091	0	119.5197	0	2.8112	0	-150.5593
NE+5.00	B269	519	B241	1.55	0	121.2683	0	2.8112	0	-167.528
NE+5.00	B269	519	B242	0	0	143.7201	0	3.9872	0	1.8479
NE+5.00	B269	519	B242	0.1409	0	144.6963	0	3.9872	0	-18.4652
NE+5.00	B269	519	B242	0.2818	0	146.2856	0	3.9872	0	-38.959
NE+5.00	B269	519	B242	0.4227	0	148.488	0	3.9872	0	-59.7199
NE+5.00	B269	519	B242	0.5636	0	151.3036	0	3.9872	0	-80.8344
NE+5.00	B269	519	B242	0.7045	0	154.7323	0	3.9872	0	-102.3888
NE+5.00	B269	519	B242	0.8455	0	158.7741	0	3.9872	0	-124.4696
NE+5.00	B269	519	B242	0.9864	0	163.3553	0	3.9872	0	-147.1618
NE+5.00	B269	519	B242	1.1273	0	167.5851	0	3.9872	0	-170.4853
NE+5.00	B269	519	B242	1.2682	0	171.2017	0	3.9872	0	-194.3615
NE+5.00	B269	519	B242	1.4091	0	174.2051	0	3.9872	0	-218.7042
NE+5.00	B269	519	B242	1.55	0	176.5955	0	3.9872	0	-243.4269
NE+5.00	B270	520	Pprop	0	0	23.3123	0	-0.1409	0	0.0438
NE+5.00	B270	520	Pprop	0.1409	0	23.9149	0	-0.1409	0	-3.2835
NE+5.00	B270	520	Pprop	0.2818	0	24.5176	0	-0.1409	0	-6.6958
NE+5.00	B270	520	Pprop	0.4227	0	25.1202	0	-0.1409	0	-10.193
NE+5.00	B270	520	Pprop	0.5636	0	25.7229	0	-0.1409	0	-13.7751
NE+5.00	B270	520	Pprop	0.7045	0	26.3255	0	-0.1409	0	-17.4422
NE+5.00	B270	520	Pprop	0.8455	0	26.9281	0	-0.1409	0	-21.1941
NE+5.00	B270	520	Pprop	0.9864	0	27.5308	0	-0.1409	0	-25.031
NE+5.00	B270	520	Pprop	1.1273	0	28.1334	0	-0.1409	0	-28.9528
NE+5.00	B270	520	Pprop	1.2682	0	28.7361	0	-0.1409	0	-32.9595
NE+5.00	B270	520	Pprop	1.4091	0	29.3387	0	-0.1409	0	-37.0512
NE+5.00	B270	520	Pprop	1.55	0	29.9413	0	-0.1409	0	-41.2277
NE+5.00	B270	520	Viva	0	0	33.9888	0	-0.2329	0	0.0696

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B270	520	Viva	0.1409	0	34.0881	0	-0.2329	0	-4.7244
NE+5.00	B270	520	Viva	0.2818	0	34.3859	0	-0.2329	0	-9.5464
NE+5.00	B270	520	Viva	0.4227	0	34.8823	0	-0.2329	0	-14.4243
NE+5.00	B270	520	Viva	0.5636	0	35.5773	0	-0.2329	0	-19.3862
NE+5.00	B270	520	Viva	0.7045	0	36.4707	0	-0.2329	0	-24.46
NE+5.00	B270	520	Viva	0.8455	0	37.5628	0	-0.2329	0	-29.6737
NE+5.00	B270	520	Viva	0.9864	0	38.8295	0	-0.2329	0	-35.0548
NE+5.00	B270	520	Viva	1.1273	0	39.9824	0	-0.2329	0	-40.6098
NE+5.00	B270	520	Viva	1.2682	0	40.9367	0	-0.2329	0	-46.3133
NE+5.00	B270	520	Viva	1.4091	0	41.6925	0	-0.2329	0	-52.1372
NE+5.00	B270	520	Viva	1.55	0	42.2498	0	-0.2329	0	-58.0536
NE+5.00	B270	520	Psup	0	0	45.3202	0	-0.635	0	0.0671
NE+5.00	B270	520	Psup	0.1409	0	45.4532	0	-0.635	0	-6.3252
NE+5.00	B270	520	Psup	0.2818	0	45.852	0	-0.635	0	-12.7549
NE+5.00	B270	520	Psup	0.4227	0	46.5168	0	-0.635	0	-19.2596
NE+5.00	B270	520	Psup	0.5636	0	47.4474	0	-0.635	0	-25.8767
NE+5.00	B270	520	Psup	0.7045	0	48.644	0	-0.635	0	-32.6436
NE+5.00	B270	520	Psup	0.8455	0	50.1065	0	-0.635	0	-39.5979
NE+5.00	B270	520	Psup	0.9864	0	51.8029	0	-0.635	0	-46.7765
NE+5.00	B270	520	Psup	1.1273	0	53.3468	0	-0.635	0	-54.1879
NE+5.00	B270	520	Psup	1.2682	0	54.6249	0	-0.635	0	-61.7981
NE+5.00	B270	520	Psup	1.4091	0	55.637	0	-0.635	0	-69.5697
NE+5.00	B270	520	Psup	1.55	0	56.3832	0	-0.635	0	-77.4651
NE+5.00	B270	520	Viva.cub	0	0	-0.0005	0	-0.0011	0	-0.0001
NE+5.00	B270	520	Viva.cub	0.1409	0	-0.0005	0	-0.0011	0	4.316E-06
NE+5.00	B270	520	Viva.cub	0.2818	0	-0.0005	0	-0.0011	0	0.0001
NE+5.00	B270	520	Viva.cub	0.4227	0	-0.0005	0	-0.0011	0	0.0001
NE+5.00	B270	520	Viva.cub	0.5636	0	-0.0005	0	-0.0011	0	0.0002
NE+5.00	B270	520	Viva.cub	0.7045	0	-0.0005	0	-0.0011	0	0.0003
NE+5.00	B270	520	Viva.cub	0.8455	0	-0.0005	0	-0.0011	0	0.0003
NE+5.00	B270	520	Viva.cub	0.9864	0	-0.0005	0	-0.0011	0	0.0004
NE+5.00	B270	520	Viva.cub	1.1273	0	-0.0005	0	-0.0011	0	0.0005
NE+5.00	B270	520	Viva.cub	1.2682	0	-0.0005	0	-0.0011	0	0.0005
NE+5.00	B270	520	Viva.cub	1.4091	0	-0.0005	0	-0.0011	0	0.0006
NE+5.00	B270	520	Viva.cub	1.55	0	-0.0005	0	-0.0011	0	0.0006
NE+5.00	B270	520	DISX-COMB Max	0	0	0.7505	0	31.7557	0	0.1901
NE+5.00	B270	520	DISX-COMB Max	0.1409	0	0.7505	0	31.7557	0	0.0844
NE+5.00	B270	520	DISX-COMB Max	0.2818	0	0.7505	0	31.7557	0	0.0214
NE+5.00	B270	520	DISX-COMB Max	0.4227	0	0.7505	0	31.7557	0	0.1271
NE+5.00	B270	520	DISX-COMB Max	0.5636	0	0.7505	0	31.7557	0	0.2329
NE+5.00	B270	520	DISX-COMB Max	0.7045	0	0.7505	0	31.7557	0	0.3386
NE+5.00	B270	520	DISX-COMB Max	0.8455	0	0.7505	0	31.7557	0	0.4444
NE+5.00	B270	520	DISX-COMB Max	0.9864	0	0.7505	0	31.7557	0	0.5501
NE+5.00	B270	520	DISX-COMB Max	1.1273	0	0.7505	0	31.7557	0	0.6559
NE+5.00	B270	520	DISX-COMB Max	1.2682	0	0.7505	0	31.7557	0	0.7616

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B270	520	DISX-COMB Max	1.4091	0	0.7505	0	31.7557	0	0.8673
NE+5.00	B270	520	DISX-COMB Max	1.55	0	0.7505	0	31.7557	0	0.9731
NE+5.00	B270	520	DISY-COMB Max	0	0	0.0417	0	0.9885	0	0.0157
NE+5.00	B270	520	DISY-COMB Max	0.1409	0	0.0417	0	0.9885	0	0.0195
NE+5.00	B270	520	DISY-COMB Max	0.2818	0	0.0417	0	0.9885	0	0.0242
NE+5.00	B270	520	DISY-COMB Max	0.4227	0	0.0417	0	0.9885	0	0.0293
NE+5.00	B270	520	DISY-COMB Max	0.5636	0	0.0417	0	0.9885	0	0.0346
NE+5.00	B270	520	DISY-COMB Max	0.7045	0	0.0417	0	0.9885	0	0.0401
NE+5.00	B270	520	DISY-COMB Max	0.8455	0	0.0417	0	0.9885	0	0.0457
NE+5.00	B270	520	DISY-COMB Max	0.9864	0	0.0417	0	0.9885	0	0.0513
NE+5.00	B270	520	DISY-COMB Max	1.1273	0	0.0417	0	0.9885	0	0.057
NE+5.00	B270	520	DISY-COMB Max	1.2682	0	0.0417	0	0.9885	0	0.0628
NE+5.00	B270	520	DISY-COMB Max	1.4091	0	0.0417	0	0.9885	0	0.0685
NE+5.00	B270	520	DISY-COMB Max	1.55	0	0.0417	0	0.9885	0	0.0743
NE+5.00	B270	520	B241	0	0	88.968	0	-1.0057	0	0.1438
NE+5.00	B270	520	B241	0.1409	0	89.9216	0	-1.0057	0	-12.4557
NE+5.00	B270	520	B241	0.2818	0	91.2198	0	-1.0057	0	-25.2139
NE+5.00	B270	520	B241	0.4227	0	92.8627	0	-1.0057	0	-38.1793
NE+5.00	B270	520	B241	0.5636	0	94.8504	0	-1.0057	0	-51.4005
NE+5.00	B270	520	B241	0.7045	0	97.1827	0	-1.0057	0	-64.9261
NE+5.00	B270	520	B241	0.8455	0	99.8596	0	-1.0057	0	-78.8045
NE+5.00	B270	520	B241	0.9864	0	102.8399	0	-1.0057	0	-93.0838
NE+5.00	B270	520	B241	1.1273	0	105.6225	0	-1.0057	0	-107.775
NE+5.00	B270	520	B241	1.2682	0	108.0604	0	-1.0057	0	-122.834
NE+5.00	B270	520	B241	1.4091	0	110.1537	0	-1.0057	0	-138.2122
NE+5.00	B270	520	B241	1.55	0	111.9022	0	-1.0057	0	-153.8611
NE+5.00	B270	520	B242	0	0	130.6402	0	-1.2352	0	0.2345
NE+5.00	B270	520	B242	0.1409	0	131.6164	0	-1.2352	0	-18.2354
NE+5.00	B270	520	B242	0.2818	0	133.2057	0	-1.2352	0	-36.8862
NE+5.00	B270	520	B242	0.4227	0	135.4081	0	-1.2352	0	-55.804
NE+5.00	B270	520	B242	0.5636	0	138.2237	0	-1.2352	0	-75.0754
NE+5.00	B270	520	B242	0.7045	0	141.6524	0	-1.2352	0	-94.7868
NE+5.00	B270	520	B242	0.8455	0	145.6942	0	-1.2352	0	-115.0244
NE+5.00	B270	520	B242	0.9864	0	150.2755	0	-1.2352	0	-135.8736
NE+5.00	B270	520	B242	1.1273	0	154.5052	0	-1.2352	0	-157.354
NE+5.00	B270	520	B242	1.2682	0	158.1218	0	-1.2352	0	-179.3872
NE+5.00	B270	520	B242	1.4091	0	161.1253	0	-1.2352	0	-201.8868
NE+5.00	B270	520	B242	1.55	0	163.5156	0	-1.2352	0	-224.7664
NE+5.00	B271	521	Pprop	0	0	20.3425	0	0.7613	0	-0.0863
NE+5.00	B271	521	Pprop	0.1409	0	20.9451	0	0.7613	0	-2.9952
NE+5.00	B271	521	Pprop	0.2818	0	21.5477	0	0.7613	0	-5.989
NE+5.00	B271	521	Pprop	0.4227	0	22.1504	0	0.7613	0	-9.0677
NE+5.00	B271	521	Pprop	0.5636	0	22.753	0	0.7613	0	-12.2314
NE+5.00	B271	521	Pprop	0.7045	0	23.3557	0	0.7613	0	-15.48
NE+5.00	B271	521	Pprop	0.8455	0	23.9583	0	0.7613	0	-18.8134

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B271	521	Pprop	0.9864	0	24.5609	0	0.7613	0	-22.2318
NE+5.00	B271	521	Pprop	1.1273	0	25.1636	0	0.7613	0	-25.7352
NE+5.00	B271	521	Pprop	1.2682	0	25.7662	0	0.7613	0	-29.3234
NE+5.00	B271	521	Pprop	1.4091	0	26.3689	0	0.7613	0	-32.9965
NE+5.00	B271	521	Pprop	1.55	0	26.9715	0	0.7613	0	-36.7546
NE+5.00	B271	521	Viva	0	0	28.954	0	1.2253	0	-0.104
NE+5.00	B271	521	Viva	0.1409	0	29.0533	0	1.2253	0	-4.1886
NE+5.00	B271	521	Viva	0.2818	0	29.3511	0	1.2253	0	-8.3011
NE+5.00	B271	521	Viva	0.4227	0	29.8475	0	1.2253	0	-12.4696
NE+5.00	B271	521	Viva	0.5636	0	30.5425	0	1.2253	0	-16.722
NE+5.00	B271	521	Viva	0.7045	0	31.436	0	1.2253	0	-21.0863
NE+5.00	B271	521	Viva	0.8455	0	32.528	0	1.2253	0	-25.5906
NE+5.00	B271	521	Viva	0.9864	0	33.7947	0	1.2253	0	-30.2623
NE+5.00	B271	521	Viva	1.1273	0	34.9476	0	1.2253	0	-35.1078
NE+5.00	B271	521	Viva	1.2682	0	35.902	0	1.2253	0	-40.1018
NE+5.00	B271	521	Viva	1.4091	0	36.6577	0	1.2253	0	-45.2163
NE+5.00	B271	521	Viva	1.55	0	37.215	0	1.2253	0	-50.4233
NE+5.00	B271	521	Psup	0	0	38.6568	0	0.9707	0	-0.18
NE+5.00	B271	521	Psup	0.1409	0	38.7898	0	0.9707	0	-5.6334
NE+5.00	B271	521	Psup	0.2818	0	39.1886	0	0.9707	0	-11.1242
NE+5.00	B271	521	Psup	0.4227	0	39.8534	0	0.9707	0	-16.6899
NE+5.00	B271	521	Psup	0.5636	0	40.784	0	0.9707	0	-22.3681
NE+5.00	B271	521	Psup	0.7045	0	41.9806	0	0.9707	0	-28.1961
NE+5.00	B271	521	Psup	0.8455	0	43.4431	0	0.9707	0	-34.2115
NE+5.00	B271	521	Psup	0.9864	0	45.1395	0	0.9707	0	-40.4511
NE+5.00	B271	521	Psup	1.1273	0	46.6834	0	0.9707	0	-46.9236
NE+5.00	B271	521	Psup	1.2682	0	47.9615	0	0.9707	0	-53.5949
NE+5.00	B271	521	Psup	1.4091	0	48.9736	0	0.9707	0	-60.4275
NE+5.00	B271	521	Psup	1.55	0	49.7199	0	0.9707	0	-67.3841
NE+5.00	B271	521	Viva.cub	0	0	0.0006	0	-0.0012	0	1.73E-05
NE+5.00	B271	521	Viva.cub	0.1409	0	0.0006	0	-0.0012	0	-0.0001
NE+5.00	B271	521	Viva.cub	0.2818	0	0.0006	0	-0.0012	0	-0.0002
NE+5.00	B271	521	Viva.cub	0.4227	0	0.0006	0	-0.0012	0	-0.0003
NE+5.00	B271	521	Viva.cub	0.5636	0	0.0006	0	-0.0012	0	-0.0003
NE+5.00	B271	521	Viva.cub	0.7045	0	0.0006	0	-0.0012	0	-0.0004
NE+5.00	B271	521	Viva.cub	0.8455	0	0.0006	0	-0.0012	0	-0.0005
NE+5.00	B271	521	Viva.cub	0.9864	0	0.0006	0	-0.0012	0	-0.0006
NE+5.00	B271	521	Viva.cub	1.1273	0	0.0006	0	-0.0012	0	-0.0007
NE+5.00	B271	521	Viva.cub	1.2682	0	0.0006	0	-0.0012	0	-0.0008
NE+5.00	B271	521	Viva.cub	1.4091	0	0.0006	0	-0.0012	0	-0.0009
NE+5.00	B271	521	Viva.cub	1.55	0	0.0006	0	-0.0012	0	-0.001
NE+5.00	B271	521	DISX-COMB Max	0	0	0.1831	0	30.3935	0	0.1868
NE+5.00	B271	521	DISX-COMB Max	0.1409	0	0.1831	0	30.3935	0	0.1617
NE+5.00	B271	521	DISX-COMB Max	0.2818	0	0.1831	0	30.3935	0	0.1369
NE+5.00	B271	521	DISX-COMB Max	0.4227	0	0.1831	0	30.3935	0	0.1124

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B271	521	DISX-COMB Max	0.5636	0	0.1831	0	30.3935	0	0.0888
NE+5.00	B271	521	DISX-COMB Max	0.7045	0	0.1831	0	30.3935	0	0.0668
NE+5.00	B271	521	DISX-COMB Max	0.8455	0	0.1831	0	30.3935	0	0.0487
NE+5.00	B271	521	DISX-COMB Max	0.9864	0	0.1831	0	30.3935	0	0.0402
NE+5.00	B271	521	DISX-COMB Max	1.1273	0	0.1831	0	30.3935	0	0.0467
NE+5.00	B271	521	DISX-COMB Max	1.2682	0	0.1831	0	30.3935	0	0.0639
NE+5.00	B271	521	DISX-COMB Max	1.4091	0	0.1831	0	30.3935	0	0.0856
NE+5.00	B271	521	DISX-COMB Max	1.55	0	0.1831	0	30.3935	0	0.109
NE+5.00	B271	521	DISY-COMB Max	0	0	0.023	0	0.9525	0	0.0187
NE+5.00	B271	521	DISY-COMB Max	0.1409	0	0.023	0	0.9525	0	0.0209
NE+5.00	B271	521	DISY-COMB Max	0.2818	0	0.023	0	0.9525	0	0.0234
NE+5.00	B271	521	DISY-COMB Max	0.4227	0	0.023	0	0.9525	0	0.026
NE+5.00	B271	521	DISY-COMB Max	0.5636	0	0.023	0	0.9525	0	0.0288
NE+5.00	B271	521	DISY-COMB Max	0.7045	0	0.023	0	0.9525	0	0.0317
NE+5.00	B271	521	DISY-COMB Max	0.8455	0	0.023	0	0.9525	0	0.0346
NE+5.00	B271	521	DISY-COMB Max	0.9864	0	0.023	0	0.9525	0	0.0376
NE+5.00	B271	521	DISY-COMB Max	1.1273	0	0.023	0	0.9525	0	0.0406
NE+5.00	B271	521	DISY-COMB Max	1.2682	0	0.023	0	0.9525	0	0.0436
NE+5.00	B271	521	DISY-COMB Max	1.4091	0	0.023	0	0.9525	0	0.0467
NE+5.00	B271	521	DISY-COMB Max	1.55	0	0.023	0	0.9525	0	0.0498
NE+5.00	B271	521	B241	0	0	76.4806	0	2.2451	0	-0.3453
NE+5.00	B271	521	B241	0.1409	0	77.4341	0	2.2451	0	-11.1852
NE+5.00	B271	521	B241	0.2818	0	78.7323	0	2.2451	0	-22.1838
NE+5.00	B271	521	B241	0.4227	0	80.3753	0	2.2451	0	-33.3896
NE+5.00	B271	521	B241	0.5636	0	82.3629	0	2.2451	0	-44.8512
NE+5.00	B271	521	B241	0.7045	0	84.6952	0	2.2451	0	-56.6171
NE+5.00	B271	521	B241	0.8455	0	87.3722	0	2.2451	0	-68.736
NE+5.00	B271	521	B241	0.9864	0	90.3524	0	2.2451	0	-81.2557
NE+5.00	B271	521	B241	1.1273	0	93.135	0	2.2451	0	-94.1873
NE+5.00	B271	521	B241	1.2682	0	95.573	0	2.2451	0	-107.4867
NE+5.00	B271	521	B241	1.4091	0	97.6662	0	2.2451	0	-121.1053
NE+5.00	B271	521	B241	1.55	0	99.4148	0	2.2451	0	-134.9946
NE+5.00	B271	521	B242	0	0	111.8815	0	3.8843	0	-0.4624
NE+5.00	B271	521	B242	0.1409	0	112.8577	0	3.8843	0	-16.2891
NE+5.00	B271	521	B242	0.2818	0	114.447	0	3.8843	0	-32.2965
NE+5.00	B271	521	B242	0.4227	0	116.6494	0	3.8843	0	-48.5711
NE+5.00	B271	521	B242	0.5636	0	119.465	0	3.8843	0	-65.1992
NE+5.00	B271	521	B242	0.7045	0	122.8937	0	3.8843	0	-82.2673
NE+5.00	B271	521	B242	0.8455	0	126.9355	0	3.8843	0	-99.8617
NE+5.00	B271	521	B242	0.9864	0	131.5168	0	3.8843	0	-118.0677
NE+5.00	B271	521	B242	1.1273	0	135.7465	0	3.8843	0	-136.9048
NE+5.00	B271	521	B242	1.2682	0	139.3631	0	3.8843	0	-156.2947
NE+5.00	B271	521	B242	1.4091	0	142.3666	0	3.8843	0	-176.151
NE+5.00	B271	521	B242	1.55	0	144.7569	0	3.8843	0	-196.3874
NE+5.00	B272	522	Pprop	0	0	22.7003	0	-1.0821	0	0.3182

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B272	522	Pprop	0.1409	0	23.3029	0	-1.0821	0	-2.9229
NE+5.00	B272	522	Pprop	0.2818	0	23.9056	0	-1.0821	0	-6.249
NE+5.00	B272	522	Pprop	0.4227	0	24.5082	0	-1.0821	0	-9.6599
NE+5.00	B272	522	Pprop	0.5636	0	25.1109	0	-1.0821	0	-13.1558
NE+5.00	B272	522	Pprop	0.7045	0	25.7135	0	-1.0821	0	-16.7366
NE+5.00	B272	522	Pprop	0.8455	0	26.3161	0	-1.0821	0	-20.4024
NE+5.00	B272	522	Pprop	0.9864	0	26.9188	0	-1.0821	0	-24.153
NE+5.00	B272	522	Pprop	1.1273	0	27.5214	0	-1.0821	0	-27.9886
NE+5.00	B272	522	Pprop	1.2682	0	28.1241	0	-1.0821	0	-31.9091
NE+5.00	B272	522	Pprop	1.4091	0	28.7267	0	-1.0821	0	-35.9144
NE+5.00	B272	522	Pprop	1.55	0	29.3293	0	-1.0821	0	-40.0048
NE+5.00	B272	522	Viva	0	0	32.9505	0	-1.1308	0	0.5667
NE+5.00	B272	522	Viva	0.1409	0	33.0497	0	-1.1308	0	-4.081
NE+5.00	B272	522	Viva	0.2818	0	33.3476	0	-1.1308	0	-8.7567
NE+5.00	B272	522	Viva	0.4227	0	33.844	0	-1.1308	0	-13.4883
NE+5.00	B272	522	Viva	0.5636	0	34.5389	0	-1.1308	0	-18.3039
NE+5.00	B272	522	Viva	0.7045	0	35.4324	0	-1.1308	0	-23.2313
NE+5.00	B272	522	Viva	0.8455	0	36.5244	0	-1.1308	0	-28.2987
NE+5.00	B272	522	Viva	0.9864	0	37.7911	0	-1.1308	0	-33.5335
NE+5.00	B272	522	Viva	1.1273	0	38.944	0	-1.1308	0	-38.9422
NE+5.00	B272	522	Viva	1.2682	0	39.8984	0	-1.1308	0	-44.4993
NE+5.00	B272	522	Viva	1.4091	0	40.6542	0	-1.1308	0	-50.1769
NE+5.00	B272	522	Viva	1.55	0	41.2114	0	-1.1308	0	-55.9471
NE+5.00	B272	522	Psup	0	0	44.5943	0	-2.1168	0	0.3988
NE+5.00	B272	522	Psup	0.1409	0	44.7273	0	-2.1168	0	-5.8912
NE+5.00	B272	522	Psup	0.2818	0	45.1261	0	-2.1168	0	-12.2186
NE+5.00	B272	522	Psup	0.4227	0	45.7909	0	-2.1168	0	-18.621
NE+5.00	B272	522	Psup	0.5636	0	46.7216	0	-2.1168	0	-25.1358
NE+5.00	B272	522	Psup	0.7045	0	47.9181	0	-2.1168	0	-31.8005
NE+5.00	B272	522	Psup	0.8455	0	49.3806	0	-2.1168	0	-38.6525
NE+5.00	B272	522	Psup	0.9864	0	51.077	0	-2.1168	0	-45.7288
NE+5.00	B272	522	Psup	1.1273	0	52.6209	0	-2.1168	0	-53.0379
NE+5.00	B272	522	Psup	1.2682	0	53.899	0	-2.1168	0	-60.5459
NE+5.00	B272	522	Psup	1.4091	0	54.9111	0	-2.1168	0	-68.2152
NE+5.00	B272	522	Psup	1.55	0	55.6574	0	-2.1168	0	-76.0083
NE+5.00	B272	522	Viva.cub	0	0	-0.0004	0	-0.0015	0	-0.0001
NE+5.00	B272	522	Viva.cub	0.1409	0	-0.0004	0	-0.0015	0	-1.506E-06
NE+5.00	B272	522	Viva.cub	0.2818	0	-0.0004	0	-0.0015	0	0.0001
NE+5.00	B272	522	Viva.cub	0.4227	0	-0.0004	0	-0.0015	0	0.0001
NE+5.00	B272	522	Viva.cub	0.5636	0	-0.0004	0	-0.0015	0	0.0002
NE+5.00	B272	522	Viva.cub	0.7045	0	-0.0004	0	-0.0015	0	0.0002
NE+5.00	B272	522	Viva.cub	0.8455	0	-0.0004	0	-0.0015	0	0.0003
NE+5.00	B272	522	Viva.cub	0.9864	0	-0.0004	0	-0.0015	0	0.0003
NE+5.00	B272	522	Viva.cub	1.1273	0	-0.0004	0	-0.0015	0	0.0004
NE+5.00	B272	522	Viva.cub	1.2682	0	-0.0004	0	-0.0015	0	0.0005

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B272	522	Viva.cub	1.4091	0	-0.0004	0	-0.0015	0	0.0005
NE+5.00	B272	522	Viva.cub	1.55	0	-0.0004	0	-0.0015	0	0.0006
NE+5.00	B272	522	DISX-COMB Max	0	0	3.4195	0	30.9323	0	0.585
NE+5.00	B272	522	DISX-COMB Max	0.1409	0	3.4195	0	30.9323	0	0.1102
NE+5.00	B272	522	DISX-COMB Max	0.2818	0	3.4195	0	30.9323	0	0.3826
NE+5.00	B272	522	DISX-COMB Max	0.4227	0	3.4195	0	30.9323	0	0.8631
NE+5.00	B272	522	DISX-COMB Max	0.5636	0	3.4195	0	30.9323	0	1.3446
NE+5.00	B272	522	DISX-COMB Max	0.7045	0	3.4195	0	30.9323	0	1.8263
NE+5.00	B272	522	DISX-COMB Max	0.8455	0	3.4195	0	30.9323	0	2.308
NE+5.00	B272	522	DISX-COMB Max	0.9864	0	3.4195	0	30.9323	0	2.7898
NE+5.00	B272	522	DISX-COMB Max	1.1273	0	3.4195	0	30.9323	0	3.2716
NE+5.00	B272	522	DISX-COMB Max	1.2682	0	3.4195	0	30.9323	0	3.7534
NE+5.00	B272	522	DISX-COMB Max	1.4091	0	3.4195	0	30.9323	0	4.2352
NE+5.00	B272	522	DISX-COMB Max	1.55	0	3.4195	0	30.9323	0	4.717
NE+5.00	B272	522	DISY-COMB Max	0	0	0.0951	0	0.9625	0	0.0397
NE+5.00	B272	522	DISY-COMB Max	0.1409	0	0.0951	0	0.9625	0	0.0374
NE+5.00	B272	522	DISY-COMB Max	0.2818	0	0.0951	0	0.9625	0	0.0399
NE+5.00	B272	522	DISY-COMB Max	0.4227	0	0.0951	0	0.9625	0	0.0462
NE+5.00	B272	522	DISY-COMB Max	0.5636	0	0.0951	0	0.9625	0	0.0551
NE+5.00	B272	522	DISY-COMB Max	0.7045	0	0.0951	0	0.9625	0	0.0656
NE+5.00	B272	522	DISY-COMB Max	0.8455	0	0.0951	0	0.9625	0	0.077
NE+5.00	B272	522	DISY-COMB Max	0.9864	0	0.0951	0	0.9625	0	0.0889
NE+5.00	B272	522	DISY-COMB Max	1.1273	0	0.0951	0	0.9625	0	0.1012
NE+5.00	B272	522	DISY-COMB Max	1.2682	0	0.0951	0	0.9625	0	0.1138
NE+5.00	B272	522	DISY-COMB Max	1.4091	0	0.0951	0	0.9625	0	0.1265
NE+5.00	B272	522	DISY-COMB Max	1.55	0	0.0951	0	0.9625	0	0.1394
NE+5.00	B272	522	B241	0	0	87.2338	0	-4.1467	0	0.9295
NE+5.00	B272	522	B241	0.1409	0	88.1873	0	-4.1467	0	-11.4257
NE+5.00	B272	522	B241	0.2818	0	89.4856	0	-4.1467	0	-23.9395
NE+5.00	B272	522	B241	0.4227	0	91.1285	0	-4.1467	0	-36.6605
NE+5.00	B272	522	B241	0.5636	0	93.1161	0	-4.1467	0	-49.6374
NE+5.00	B272	522	B241	0.7045	0	95.4484	0	-4.1467	0	-62.9185
NE+5.00	B272	522	B241	0.8455	0	98.1254	0	-4.1467	0	-76.5526
NE+5.00	B272	522	B241	0.9864	0	101.1056	0	-4.1467	0	-90.5876
NE+5.00	B272	522	B241	1.1273	0	103.8882	0	-4.1467	0	-105.0344
NE+5.00	B272	522	B241	1.2682	0	106.3262	0	-4.1467	0	-119.849
NE+5.00	B272	522	B241	1.4091	0	108.4194	0	-4.1467	0	-134.9828
NE+5.00	B272	522	B241	1.55	0	110.168	0	-4.1467	0	-150.3874
NE+5.00	B272	522	B242	0	0	127.4923	0	-5.3643	0	1.7033
NE+5.00	B272	522	B242	0.1409	0	128.4685	0	-5.3643	0	-16.3231
NE+5.00	B272	522	B242	0.2818	0	130.0578	0	-5.3643	0	-34.5302
NE+5.00	B272	522	B242	0.4227	0	132.2602	0	-5.3643	0	-53.0045
NE+5.00	B272	522	B242	0.5636	0	135.0758	0	-5.3643	0	-71.8324
NE+5.00	B272	522	B242	0.7045	0	138.5045	0	-5.3643	0	-91.1002
NE+5.00	B272	522	B242	0.8455	0	142.5464	0	-5.3643	0	-110.8943

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B242	522	B242	0.9864	0	147.1276	0	-5.3643	0	-131.2999
NE+5.00	B272	522	B242	1.1273	0	151.3573	0	-5.3643	0	-152.3367
NE+5.00	B272	522	B242	1.2682	0	154.9739	0	-5.3643	0	-173.9264
NE+5.00	B272	522	B242	1.4091	0	157.9774	0	-5.3643	0	-195.9824
NE+5.00	B272	522	B242	1.55	0	160.3677	0	-5.3643	0	-218.4185
NE+5.00	B273	523	Pprop	0	0	9.829	0	4.305	0	-0.3044
NE+5.00	B273	523	Pprop	0.1409	0	10.4316	0	4.305	0	-1.7318
NE+5.00	B273	523	Pprop	0.2818	0	11.0342	0	4.305	0	-3.2442
NE+5.00	B273	523	Pprop	0.4227	0	11.6369	0	4.305	0	-4.8415
NE+5.00	B273	523	Pprop	0.5636	0	12.2395	0	4.305	0	-6.5237
NE+5.00	B273	523	Pprop	0.7045	0	12.8422	0	4.305	0	-8.2908
NE+5.00	B273	523	Pprop	0.8455	0	13.4448	0	4.305	0	-10.1428
NE+5.00	B273	523	Pprop	0.9864	0	14.0474	0	4.305	0	-12.0798
NE+5.00	B273	523	Pprop	1.1273	0	14.6501	0	4.305	0	-14.1016
NE+5.00	B273	523	Pprop	1.2682	0	15.2527	0	4.305	0	-16.2084
NE+5.00	B273	523	Pprop	1.4091	0	15.8554	0	4.305	0	-18.4001
NE+5.00	B273	523	Pprop	1.55	0	16.458	0	4.305	0	-20.6768
NE+5.00	B273	523	Viva	0	0	14.001	0	6.3773	0	-0.5828
NE+5.00	B273	523	Viva	0.1409	0	14.0506	0	6.3773	0	-2.558
NE+5.00	B273	523	Viva	0.2818	0	14.1995	0	6.3773	0	-4.5472
NE+5.00	B273	523	Viva	0.4227	0	14.4477	0	6.3773	0	-6.5643
NE+5.00	B273	523	Viva	0.5636	0	14.7952	0	6.3773	0	-8.6235
NE+5.00	B273	523	Viva	0.7045	0	15.242	0	6.3773	0	-10.7386
NE+5.00	B273	523	Viva	0.8455	0	15.788	0	6.3773	0	-12.9236
NE+5.00	B273	523	Viva	0.9864	0	16.4213	0	6.3773	0	-15.1924
NE+5.00	B273	523	Viva	1.1273	0	16.9978	0	6.3773	0	-17.5481
NE+5.00	B273	523	Viva	1.2682	0	17.475	0	6.3773	0	-19.978
NE+5.00	B273	523	Viva	1.4091	0	17.8528	0	6.3773	0	-22.4682
NE+5.00	B273	523	Viva	1.55	0	18.1315	0	6.3773	0	-25.0046
NE+5.00	B273	523	Psup	0	0	18.3638	0	6.9171	0	-0.3114
NE+5.00	B273	523	Psup	0.1409	0	18.4303	0	6.9171	0	-2.9022
NE+5.00	B273	523	Psup	0.2818	0	18.6297	0	6.9171	0	-5.5117
NE+5.00	B273	523	Psup	0.4227	0	18.9621	0	6.9171	0	-8.1586
NE+5.00	B273	523	Psup	0.5636	0	19.4274	0	6.9171	0	-10.8618
NE+5.00	B273	523	Psup	0.7045	0	20.0257	0	6.9171	0	-13.6399
NE+5.00	B273	523	Psup	0.8455	0	20.7569	0	6.9171	0	-16.5116
NE+5.00	B273	523	Psup	0.9864	0	21.6051	0	6.9171	0	-19.4955
NE+5.00	B273	523	Psup	1.1273	0	22.3771	0	6.9171	0	-22.5958
NE+5.00	B273	523	Psup	1.2682	0	23.0161	0	6.9171	0	-25.7956
NE+5.00	B273	523	Psup	1.4091	0	23.5222	0	6.9171	0	-29.0759
NE+5.00	B273	523	Psup	1.55	0	23.8953	0	6.9171	0	-32.4183
NE+5.00	B273	523	Viva.cub	0	0	-0.0001	0	-0.0008	0	-2.797E-06
NE+5.00	B273	523	Viva.cub	0.1409	0	-0.0001	0	-0.0008	0	1.079E-05
NE+5.00	B273	523	Viva.cub	0.2818	0	-0.0001	0	-0.0008	0	2.437E-05
NE+5.00	B273	523	Viva.cub	0.4227	0	-0.0001	0	-0.0008	0	3.796E-05

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B273	523	Viva.cub	0.5636	0	-0.0001	0	-0.0008	0	0.0001
NE+5.00	B273	523	Viva.cub	0.7045	0	-0.0001	0	-0.0008	0	0.0001
NE+5.00	B273	523	Viva.cub	0.8455	0	-0.0001	0	-0.0008	0	0.0001
NE+5.00	B273	523	Viva.cub	0.9864	0	-0.0001	0	-0.0008	0	0.0001
NE+5.00	B273	523	Viva.cub	1.1273	0	-0.0001	0	-0.0008	0	0.0001
NE+5.00	B273	523	Viva.cub	1.2682	0	-0.0001	0	-0.0008	0	0.0001
NE+5.00	B273	523	Viva.cub	1.4091	0	-0.0001	0	-0.0008	0	0.0001
NE+5.00	B273	523	Viva.cub	1.55	0	-0.0001	0	-0.0008	0	0.0001
NE+5.00	B273	523	DISX-COMB Max	0	0	7.256	0	37.5117	0	0.6606
NE+5.00	B273	523	DISX-COMB Max	0.1409	0	7.256	0	37.5117	0	1.5462
NE+5.00	B273	523	DISX-COMB Max	0.2818	0	7.256	0	37.5117	0	2.5368
NE+5.00	B273	523	DISX-COMB Max	0.4227	0	7.256	0	37.5117	0	3.5456
NE+5.00	B273	523	DISX-COMB Max	0.5636	0	7.256	0	37.5117	0	4.5604
NE+5.00	B273	523	DISX-COMB Max	0.7045	0	7.256	0	37.5117	0	5.5781
NE+5.00	B273	523	DISX-COMB Max	0.8455	0	7.256	0	37.5117	0	6.5972
NE+5.00	B273	523	DISX-COMB Max	0.9864	0	7.256	0	37.5117	0	7.6172
NE+5.00	B273	523	DISX-COMB Max	1.1273	0	7.256	0	37.5117	0	8.6377
NE+5.00	B273	523	DISX-COMB Max	1.2682	0	7.256	0	37.5117	0	9.6587
NE+5.00	B273	523	DISX-COMB Max	1.4091	0	7.256	0	37.5117	0	10.6799
NE+5.00	B273	523	DISX-COMB Max	1.55	0	7.256	0	37.5117	0	11.7014
NE+5.00	B273	523	DISY-COMB Max	0	0	0.2109	0	1.0891	0	0.2254
NE+5.00	B273	523	DISY-COMB Max	0.1409	0	0.2109	0	1.0891	0	0.236
NE+5.00	B273	523	DISY-COMB Max	0.2818	0	0.2109	0	1.0891	0	0.2497
NE+5.00	B273	523	DISY-COMB Max	0.4227	0	0.2109	0	1.0891	0	0.266
NE+5.00	B273	523	DISY-COMB Max	0.5636	0	0.2109	0	1.0891	0	0.2845
NE+5.00	B273	523	DISY-COMB Max	0.7045	0	0.2109	0	1.0891	0	0.3048
NE+5.00	B273	523	DISY-COMB Max	0.8455	0	0.2109	0	1.0891	0	0.3266
NE+5.00	B273	523	DISY-COMB Max	0.9864	0	0.2109	0	1.0891	0	0.3495
NE+5.00	B273	523	DISY-COMB Max	1.1273	0	0.2109	0	1.0891	0	0.3734
NE+5.00	B273	523	DISY-COMB Max	1.2682	0	0.2109	0	1.0891	0	0.398
NE+5.00	B273	523	DISY-COMB Max	1.4091	0	0.2109	0	1.0891	0	0.4233
NE+5.00	B273	523	DISY-COMB Max	1.55	0	0.2109	0	1.0891	0	0.4492
NE+5.00	B273	523	B241	0	0	36.5462	0	14.5472	0	-0.7983
NE+5.00	B273	523	B241	0.1409	0	37.4135	0	14.5472	0	-6.007
NE+5.00	B273	523	B241	0.2818	0	38.4533	0	14.5472	0	-11.3502
NE+5.00	B273	523	B241	0.4227	0	39.6653	0	14.5472	0	-16.852
NE+5.00	B273	523	B241	0.5636	0	41.0497	0	14.5472	0	-22.5367
NE+5.00	B273	523	B241	0.7045	0	42.6065	0	14.5472	0	-28.4286
NE+5.00	B273	523	B241	0.8455	0	44.3356	0	14.5472	0	-34.5521
NE+5.00	B273	523	B241	0.9864	0	46.2163	0	14.5472	0	-40.9309
NE+5.00	B273	523	B241	1.1273	0	47.9982	0	14.5472	0	-47.5708
NE+5.00	B273	523	B241	1.2682	0	49.6078	0	14.5472	0	-54.4496
NE+5.00	B273	523	B241	1.4091	0	51.045	0	14.5472	0	-61.5431
NE+5.00	B273	523	B241	1.55	0	52.3099	0	14.5472	0	-68.8269
NE+5.00	B273	523	B242	0	0	53.7268	0	22.6723	0	-1.6167

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B273	523	B242	0.1409	0	54.5497	0	22.6723	0	-9.2417
NE+5.00	B273	523	B242	0.2818	0	55.6792	0	22.6723	0	-17.0042
NE+5.00	B273	523	B242	0.4227	0	57.1152	0	22.6723	0	-24.9475
NE+5.00	B273	523	B242	0.5636	0	58.8578	0	22.6723	0	-33.1147
NE+5.00	B273	523	B242	0.7045	0	60.9069	0	22.6723	0	-41.549
NE+5.00	B273	523	B242	0.8455	0	63.2626	0	22.6723	0	-50.2938
NE+5.00	B273	523	B242	0.9864	0	65.8881	0	22.6723	0	-59.3914
NE+5.00	B273	523	B242	1.1273	0	68.3377	0	22.6723	0	-68.8518
NE+5.00	B273	523	B242	1.2682	0	70.4808	0	22.6723	0	-78.6358
NE+5.00	B273	523	B242	1.4091	0	72.3174	0	22.6723	0	-88.7002
NE+5.00	B273	523	B242	1.55	0	73.8473	0	22.6723	0	-99.0018
NE+5.00	B274	524	Pprop	0	0	-9.821	0	0.3612	0	-4.3673
NE+5.00	B274	524	Pprop	0.7373	0	-7.7189	0	0.3612	0	2.0985
NE+5.00	B274	524	Pprop	1.4745	0	-5.6168	0	0.3612	0	7.0146
NE+5.00	B274	524	Pprop	2.2118	0	-3.5147	0	0.3612	0	10.3808
NE+5.00	B274	524	Pprop	2.9491	0	-1.4126	0	0.3612	0	12.1971
NE+5.00	B274	524	Pprop	3.6864	0	0.6895	0	0.3612	0	12.4637
NE+5.00	B274	524	Pprop	4.4236	0	2.7916	0	0.3612	0	11.1804
NE+5.00	B274	524	Pprop	5.1609	0	4.8937	0	0.3612	0	8.3473
NE+5.00	B274	524	Pprop	5.8982	0	6.9959	0	0.3612	0	3.9644
NE+5.00	B274	524	Pprop	6.6355	0	9.098	0	0.3612	0	-1.9684
NE+5.00	B274	524	Pprop	7.3727	0	11.2001	0	0.3612	0	-9.451
NE+5.00	B274	524	Pprop	8.11	0	13.3022	0	0.3612	0	-18.4834
NE+5.00	B274	524	Viva	0	0	-14.0339	0	0.5716	0	-7.0699
NE+5.00	B274	524	Viva	0.7373	0	-12.675	0	0.5716	0	2.9429
NE+5.00	B274	524	Viva	1.4745	0	-9.3192	0	0.5716	0	11.081
NE+5.00	B274	524	Viva	2.2118	0	-5.8633	0	0.5716	0	16.6779
NE+5.00	B274	524	Viva	2.9491	0	-2.4073	0	0.5716	0	19.7267
NE+5.00	B274	524	Viva	3.6864	0	1.0487	0	0.5716	0	20.2275
NE+5.00	B274	524	Viva	4.4236	0	4.5046	0	0.5716	0	18.1804
NE+5.00	B274	524	Viva	5.1609	0	7.9606	0	0.5716	0	13.5852
NE+5.00	B274	524	Viva	5.8982	0	11.4166	0	0.5716	0	6.4421
NE+5.00	B274	524	Viva	6.6355	0	14.8725	0	0.5716	0	-3.249
NE+5.00	B274	524	Viva	7.3727	0	18.2283	0	0.5716	0	-15.4815
NE+5.00	B274	524	Viva	8.11	0	19.5872	0	0.5716	0	-29.5886
NE+5.00	B274	524	Psup	0	0	-18.252	0	0.3517	0	-6.8296
NE+5.00	B274	524	Psup	0.7373	0	-16.4321	0	0.3517	0	6.1799
NE+5.00	B274	524	Psup	1.4745	0	-11.9381	0	0.3517	0	16.6788
NE+5.00	B274	524	Psup	2.2118	0	-7.3099	0	0.3517	0	23.7743
NE+5.00	B274	524	Psup	2.9491	0	-2.6817	0	0.3517	0	27.4576
NE+5.00	B274	524	Psup	3.6864	0	1.9465	0	0.3517	0	27.7286
NE+5.00	B274	524	Psup	4.4236	0	6.5748	0	0.3517	0	24.5873
NE+5.00	B274	524	Psup	5.1609	0	11.203	0	0.3517	0	18.0338
NE+5.00	B274	524	Psup	5.8982	0	15.8312	0	0.3517	0	8.068
NE+5.00	B274	524	Psup	6.6355	0	20.4595	0	0.3517	0	-5.3101

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B274	524	Psup	7.3727	0	24.9535	0	0.3517	0	-22.0915
NE+5.00	B274	524	Psup	8.11	0	26.7733	0	0.3517	0	-41.3835
NE+5.00	B274	524	Viva.cub	0	0	-0.0001	0	3.74E-05	0	-0.0006
NE+5.00	B274	524	Viva.cub	0.7373	0	-0.0001	0	3.74E-05	0	-0.0005
NE+5.00	B274	524	Viva.cub	1.4745	0	-0.0001	0	3.74E-05	0	-0.0004
NE+5.00	B274	524	Viva.cub	2.2118	0	-0.0001	0	3.74E-05	0	-0.0003
NE+5.00	B274	524	Viva.cub	2.9491	0	-0.0001	0	3.74E-05	0	-0.0002
NE+5.00	B274	524	Viva.cub	3.6864	0	-0.0001	0	3.74E-05	0	-0.0001
NE+5.00	B274	524	Viva.cub	4.4236	0	-0.0001	0	3.74E-05	0	-3.724E-05
NE+5.00	B274	524	Viva.cub	5.1609	0	-0.0001	0	3.74E-05	0	4.876E-05
NE+5.00	B274	524	Viva.cub	5.8982	0	-0.0001	0	3.74E-05	0	0.0001
NE+5.00	B274	524	Viva.cub	6.6355	0	-0.0001	0	3.74E-05	0	0.0002
NE+5.00	B274	524	Viva.cub	7.3727	0	-0.0001	0	3.74E-05	0	0.0003
NE+5.00	B274	524	Viva.cub	8.11	0	-0.0001	0	3.74E-05	0	0.0004
NE+5.00	B274	524	DISX-COMB Max	0	0	7.1903	0	0.6537	0	37.5544
NE+5.00	B274	524	DISX-COMB Max	0.7373	0	7.1903	0	0.6537	0	32.2532
NE+5.00	B274	524	DISX-COMB Max	1.4745	0	7.1903	0	0.6537	0	26.952
NE+5.00	B274	524	DISX-COMB Max	2.2118	0	7.1903	0	0.6537	0	21.6509
NE+5.00	B274	524	DISX-COMB Max	2.9491	0	7.1903	0	0.6537	0	16.3499
NE+5.00	B274	524	DISX-COMB Max	3.6864	0	7.1903	0	0.6537	0	11.049
NE+5.00	B274	524	DISX-COMB Max	4.4236	0	7.1903	0	0.6537	0	5.7489
NE+5.00	B274	524	DISX-COMB Max	5.1609	0	7.1903	0	0.6537	0	0.4749
NE+5.00	B274	524	DISX-COMB Max	5.8982	0	7.1903	0	0.6537	0	4.8588
NE+5.00	B274	524	DISX-COMB Max	6.6355	0	7.1903	0	0.6537	0	10.1585
NE+5.00	B274	524	DISX-COMB Max	7.3727	0	7.1903	0	0.6537	0	15.4593
NE+5.00	B274	524	DISX-COMB Max	8.11	0	7.1903	0	0.6537	0	20.7603
NE+5.00	B274	524	DISY-COMB Max	0	0	0.2151	0	0.1819	0	1.1016
NE+5.00	B274	524	DISY-COMB Max	0.7373	0	0.2151	0	0.1819	0	0.9435
NE+5.00	B274	524	DISY-COMB Max	1.4745	0	0.2151	0	0.1819	0	0.7857
NE+5.00	B274	524	DISY-COMB Max	2.2118	0	0.2151	0	0.1819	0	0.6283
NE+5.00	B274	524	DISY-COMB Max	2.9491	0	0.2151	0	0.1819	0	0.4716
NE+5.00	B274	524	DISY-COMB Max	3.6864	0	0.2151	0	0.1819	0	0.3168
NE+5.00	B274	524	DISY-COMB Max	4.4236	0	0.2151	0	0.1819	0	0.1691
NE+5.00	B274	524	DISY-COMB Max	5.1609	0	0.2151	0	0.1819	0	0.0844
NE+5.00	B274	524	DISY-COMB Max	5.8982	0	0.2151	0	0.1819	0	0.1895
NE+5.00	B274	524	DISY-COMB Max	6.6355	0	0.2151	0	0.1819	0	0.3392
NE+5.00	B274	524	DISY-COMB Max	7.3727	0	0.2151	0	0.1819	0	0.4944
NE+5.00	B274	524	DISY-COMB Max	8.11	0	0.2151	0	0.1819	0	0.6512
NE+5.00	B274	524	B241	0	0	-36.391	0	0.9241	0	-14.5145
NE+5.00	B274	524	B241	0.7373	0	-31.3069	0	0.9241	0	10.7313
NE+5.00	B274	524	B241	1.4745	0	-22.7564	0	0.9241	0	30.7136
NE+5.00	B274	524	B241	2.2118	0	-14.0319	0	0.9241	0	44.2751
NE+5.00	B274	524	B241	2.9491	0	-5.3074	0	0.9241	0	51.4042
NE+5.00	B274	524	B241	3.6864	0	3.4171	0	0.9241	0	52.1011
NE+5.00	B274	524	B241	4.4236	0	12.1416	0	0.9241	0	46.3655

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B274	524	B241	5.1609	0	20.8662	0	0.9241	0	34.1977
NE+5.00	B274	524	B241	5.8982	0	29.5907	0	0.9241	0	15.5974
NE+5.00	B274	524	B241	6.6355	0	38.3152	0	0.9241	0	-9.4351
NE+5.00	B274	524	B241	7.3727	0	46.8657	0	0.9241	0	-40.8884
NE+5.00	B274	524	B241	8.11	0	51.9498	0	0.9241	0	-77.6053
NE+5.00	B274	524	B242	0	0	-53.6466	0	1.7067	0	-23.7531
NE+5.00	B274	524	B242	0.7373	0	-47.1145	0	1.7067	0	13.9067
NE+5.00	B274	524	B242	1.4745	0	-34.4163	0	1.7067	0	44.0554
NE+5.00	B274	524	B242	2.2118	0	-21.4086	0	1.7067	0	64.6345
NE+5.00	B274	524	B242	2.9491	0	-8.4009	0	1.7067	0	75.6234
NE+5.00	B274	524	B242	3.6864	0	4.6068	0	1.7067	0	77.022
NE+5.00	B274	524	B242	4.4236	0	17.6145	0	1.7067	0	68.8305
NE+5.00	B274	524	B242	5.1609	0	30.6222	0	1.7067	0	51.0487
NE+5.00	B274	524	B242	5.8982	0	43.6299	0	1.7067	0	23.6766
NE+5.00	B274	524	B242	6.6355	0	56.6376	0	1.7067	0	-13.2856
NE+5.00	B274	524	B242	7.3727	0	69.3358	0	1.7067	0	-59.8174
NE+5.00	B274	524	B242	8.11	0	75.8678	0	1.7067	0	-113.8604
NE+5.00	B275	525	Pprop	0	0	-12.0321	0	-0.0286	0	-17.8686
NE+5.00	B275	525	Pprop	0.7509	0	-9.8911	0	-0.0286	0	-9.6375
NE+5.00	B275	525	Pprop	1.5018	0	-7.7501	0	-0.0286	0	-3.014
NE+5.00	B275	525	Pprop	2.2527	0	-5.6091	0	-0.0286	0	2.0018
NE+5.00	B275	525	Pprop	3.0036	0	-3.4681	0	-0.0286	0	5.4099
NE+5.00	B275	525	Pprop	3.7545	0	-1.3271	0	-0.0286	0	7.2103
NE+5.00	B275	525	Pprop	4.5055	0	0.8138	0	-0.0286	0	7.403
NE+5.00	B275	525	Pprop	5.2564	0	2.9548	0	-0.0286	0	5.9881
NE+5.00	B275	525	Pprop	6.0073	0	5.0958	0	-0.0286	0	2.9654
NE+5.00	B275	525	Pprop	6.7582	0	7.2368	0	-0.0286	0	-1.665
NE+5.00	B275	525	Pprop	7.5091	0	9.3778	0	-0.0286	0	-7.903
NE+5.00	B275	525	Pprop	8.26	0	11.5188	0	-0.0286	0	-15.7487
NE+5.00	B275	525	Viva	0	0	-17.5588	0	-0.0506	0	-28.6022
NE+5.00	B275	525	Viva	0.7509	0	-16.1492	0	-0.0506	0	-15.7699
NE+5.00	B275	525	Viva	1.5018	0	-12.7163	0	-0.0506	0	-4.905
NE+5.00	B275	525	Viva	2.2527	0	-9.1964	0	-0.0506	0	3.3222
NE+5.00	B275	525	Viva	3.0036	0	-5.6765	0	-0.0506	0	8.9063
NE+5.00	B275	525	Viva	3.7545	0	-2.1567	0	-0.0506	0	11.8474
NE+5.00	B275	525	Viva	4.5055	0	1.3632	0	-0.0506	0	12.1452
NE+5.00	B275	525	Viva	5.2564	0	4.8831	0	-0.0506	0	9.8
NE+5.00	B275	525	Viva	6.0073	0	8.403	0	-0.0506	0	4.8117
NE+5.00	B275	525	Viva	6.7582	0	11.9229	0	-0.0506	0	-2.8198
NE+5.00	B275	525	Viva	7.5091	0	15.3557	0	-0.0506	0	-13.0889
NE+5.00	B275	525	Viva	8.26	0	16.7654	0	-0.0506	0	-25.3254
NE+5.00	B275	525	Psup	0	0	-23.7501	0	-0.0256	0	-39.8296
NE+5.00	B275	525	Psup	0.7509	0	-21.8623	0	-0.0256	0	-22.468
NE+5.00	B275	525	Psup	1.5018	0	-17.265	0	-0.0256	0	-7.741
NE+5.00	B275	525	Psup	2.2527	0	-12.5512	0	-0.0256	0	3.4536

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B275	525	Psup	3.0036	0	-7.8373	0	-0.0256	0	11.1086
NE+5.00	B275	525	Psup	3.7545	0	-3.1235	0	-0.0256	0	15.2238
NE+5.00	B275	525	Psup	4.5055	0	1.5903	0	-0.0256	0	15.7995
NE+5.00	B275	525	Psup	5.2564	0	6.3042	0	-0.0256	0	12.8354
NE+5.00	B275	525	Psup	6.0073	0	11.018	0	-0.0256	0	6.3318
NE+5.00	B275	525	Psup	6.7582	0	15.7318	0	-0.0256	0	-3.7116
NE+5.00	B275	525	Psup	7.5091	0	20.3291	0	-0.0256	0	-17.2874
NE+5.00	B275	525	Psup	8.26	0	22.2169	0	-0.0256	0	-33.4977
NE+5.00	B275	525	Viva.cub	0	0	-0.0003	0	-0.0001	0	-0.0011
NE+5.00	B275	525	Viva.cub	0.7509	0	-0.0003	0	-0.0001	0	-0.0009
NE+5.00	B275	525	Viva.cub	1.5018	0	-0.0003	0	-0.0001	0	-0.0006
NE+5.00	B275	525	Viva.cub	2.2527	0	-0.0003	0	-0.0001	0	-0.0004
NE+5.00	B275	525	Viva.cub	3.0036	0	-0.0003	0	-0.0001	0	-0.0002
NE+5.00	B275	525	Viva.cub	3.7545	0	-0.0003	0	-0.0001	0	0.0001
NE+5.00	B275	525	Viva.cub	4.5055	0	-0.0003	0	-0.0001	0	0.0003
NE+5.00	B275	525	Viva.cub	5.2564	0	-0.0003	0	-0.0001	0	0.0006
NE+5.00	B275	525	Viva.cub	6.0073	0	-0.0003	0	-0.0001	0	0.0008
NE+5.00	B275	525	Viva.cub	6.7582	0	-0.0003	0	-0.0001	0	0.001
NE+5.00	B275	525	Viva.cub	7.5091	0	-0.0003	0	-0.0001	0	0.0013
NE+5.00	B275	525	Viva.cub	8.26	0	-0.0003	0	-0.0001	0	0.0015
NE+5.00	B275	525	DISX-COMB Max	0	0	3.265	0	1.1557	0	11.8097
NE+5.00	B275	525	DISX-COMB Max	0.7509	0	3.265	0	1.1557	0	9.3582
NE+5.00	B275	525	DISX-COMB Max	1.5018	0	3.265	0	1.1557	0	6.9068
NE+5.00	B275	525	DISX-COMB Max	2.2527	0	3.265	0	1.1557	0	4.4557
NE+5.00	B275	525	DISX-COMB Max	3.0036	0	3.265	0	1.1557	0	2.0063
NE+5.00	B275	525	DISX-COMB Max	3.7545	0	3.265	0	1.1557	0	0.4677
NE+5.00	B275	525	DISX-COMB Max	4.5055	0	3.265	0	1.1557	0	2.9041
NE+5.00	B275	525	DISX-COMB Max	5.2564	0	3.265	0	1.1557	0	5.3545
NE+5.00	B275	525	DISX-COMB Max	6.0073	0	3.265	0	1.1557	0	7.8058
NE+5.00	B275	525	DISX-COMB Max	6.7582	0	3.265	0	1.1557	0	10.2572
NE+5.00	B275	525	DISX-COMB Max	7.5091	0	3.265	0	1.1557	0	12.7088
NE+5.00	B275	525	DISX-COMB Max	8.26	0	3.265	0	1.1557	0	15.1604
NE+5.00	B275	525	DISY-COMB Max	0	0	0.1143	0	0.2299	0	0.4637
NE+5.00	B275	525	DISY-COMB Max	0.7509	0	0.1143	0	0.2299	0	0.3793
NE+5.00	B275	525	DISY-COMB Max	1.5018	0	0.1143	0	0.2299	0	0.2956
NE+5.00	B275	525	DISY-COMB Max	2.2527	0	0.1143	0	0.2299	0	0.2136
NE+5.00	B275	525	DISY-COMB Max	3.0036	0	0.1143	0	0.2299	0	0.1365
NE+5.00	B275	525	DISY-COMB Max	3.7545	0	0.1143	0	0.2299	0	0.0799
NE+5.00	B275	525	DISY-COMB Max	4.5055	0	0.1143	0	0.2299	0	0.0942
NE+5.00	B275	525	DISY-COMB Max	5.2564	0	0.1143	0	0.2299	0	0.1615
NE+5.00	B275	525	DISY-COMB Max	6.0073	0	0.1143	0	0.2299	0	0.2409
NE+5.00	B275	525	DISY-COMB Max	6.7582	0	0.1143	0	0.2299	0	0.3237
NE+5.00	B275	525	DISY-COMB Max	7.5091	0	0.1143	0	0.2299	0	0.4077
NE+5.00	B275	525	DISY-COMB Max	8.26	0	0.1143	0	0.2299	0	0.4923
NE+5.00	B275	525	B241	0	0	-46.3843	0	-0.0702	0	-74.7941

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B275	525	B241	0.7509	0	-41.1618	0	-0.0702	0	-41.6182
NE+5.00	B275	525	B241	1.5018	0	-32.427	0	-0.0702	0	-13.9416
NE+5.00	B275	525	B241	2.2527	0	-23.5411	0	-0.0702	0	7.0718
NE+5.00	B275	525	B241	3.0036	0	-14.6552	0	-0.0702	0	21.4128
NE+5.00	B275	525	B241	3.7545	0	-5.7693	0	-0.0702	0	29.0813
NE+5.00	B275	525	B241	4.5055	0	3.1165	0	-0.0702	0	30.0773
NE+5.00	B275	525	B241	5.2564	0	12.0024	0	-0.0702	0	24.4008
NE+5.00	B275	525	B241	6.0073	0	20.8883	0	-0.0702	0	12.0519
NE+5.00	B275	525	B241	6.7582	0	29.7742	0	-0.0702	0	-6.9696
NE+5.00	B275	525	B241	7.5091	0	38.509	0	-0.0702	0	-32.6542
NE+5.00	B275	525	B241	8.26	0	43.7315	0	-0.0702	0	-63.838
NE+5.00	B275	525	B242	0	0	-67.8522	0	-0.1412	0	-109.8732
NE+5.00	B275	525	B242	0.7509	0	-61.1203	0	-0.1412	0	-60.9051
NE+5.00	B275	525	B242	1.5018	0	-48.1408	0	-0.1412	0	-19.7983
NE+5.00	B275	525	B242	2.2527	0	-34.8925	0	-0.1412	0	11.3769
NE+5.00	B275	525	B242	3.0036	0	-21.6442	0	-0.1412	0	32.6039
NE+5.00	B275	525	B242	3.7545	0	-8.396	0	-0.1412	0	43.8826
NE+5.00	B275	525	B242	4.5055	0	4.8523	0	-0.1412	0	45.2131
NE+5.00	B275	525	B242	5.2564	0	18.1006	0	-0.1412	0	36.5953
NE+5.00	B275	525	B242	6.0073	0	31.3489	0	-0.1412	0	18.0293
NE+5.00	B275	525	B242	6.7582	0	44.5972	0	-0.1412	0	-10.4851
NE+5.00	B275	525	B242	7.5091	0	57.5767	0	-0.1412	0	-48.9309
NE+5.00	B275	525	B242	8.26	0	64.3086	0	-0.1412	0	-95.2381
NE+5.00	B276	526	Pprop	0	0	-11.7935	0	-0.0724	0	-15.8896
NE+5.00	B276	526	Pprop	0.7273	0	-9.7199	0	-0.0724	0	-8.0666
NE+5.00	B276	526	Pprop	1.4545	0	-7.6463	0	-0.0724	0	-1.7516
NE+5.00	B276	526	Pprop	2.1818	0	-5.5727	0	-0.0724	0	3.0553
NE+5.00	B276	526	Pprop	2.9091	0	-3.4991	0	-0.0724	0	6.3541
NE+5.00	B276	526	Pprop	3.6364	0	-1.4255	0	-0.0724	0	8.1449
NE+5.00	B276	526	Pprop	4.3636	0	0.6481	0	-0.0724	0	8.4276
NE+5.00	B276	526	Pprop	5.0909	0	2.7217	0	-0.0724	0	7.2022
NE+5.00	B276	526	Pprop	5.8182	0	4.7953	0	-0.0724	0	4.4687
NE+5.00	B276	526	Pprop	6.5455	0	6.8689	0	-0.0724	0	0.2272
NE+5.00	B276	526	Pprop	7.2727	0	8.9425	0	-0.0724	0	-5.5225
NE+5.00	B276	526	Pprop	8	0	11.0161	0	-0.0724	0	-12.7801
NE+5.00	B276	526	Viva	0	0	-17.2234	0	-0.1202	0	-25.5582
NE+5.00	B276	526	Viva	0.7273	0	-15.9011	0	-0.1202	0	-13.3527
NE+5.00	B276	526	Viva	1.4545	0	-12.6025	0	-0.1202	0	-2.9553
NE+5.00	B276	526	Viva	2.1818	0	-9.1934	0	-0.1202	0	4.9705
NE+5.00	B276	526	Viva	2.9091	0	-5.7843	0	-0.1202	0	10.417
NE+5.00	B276	526	Viva	3.6364	0	-2.3752	0	-0.1202	0	13.3841
NE+5.00	B276	526	Viva	4.3636	0	1.0339	0	-0.1202	0	13.8719
NE+5.00	B276	526	Viva	5.0909	0	4.4429	0	-0.1202	0	11.8803
NE+5.00	B276	526	Viva	5.8182	0	7.852	0	-0.1202	0	7.4094
NE+5.00	B276	526	Viva	6.5455	0	11.2611	0	-0.1202	0	0.4592

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B276	526	Viva	7.2727	0	14.5597	0	-0.1202	0	-8.9627
NE+5.00	B276	526	Viva	8	0	15.882	0	-0.1202	0	-20.1927
NE+5.00	B276	526	Psup	0	0	-23.1033	0	-0.0927	0	-34.1327
NE+5.00	B276	526	Psup	0.7273	0	-21.3324	0	-0.0927	0	-17.7596
NE+5.00	B276	526	Psup	1.4545	0	-16.9149	0	-0.0927	0	-3.808
NE+5.00	B276	526	Psup	2.1818	0	-12.3495	0	-0.0927	0	6.8336
NE+5.00	B276	526	Psup	2.9091	0	-7.784	0	-0.0927	0	14.1549
NE+5.00	B276	526	Psup	3.6364	0	-3.2186	0	-0.0927	0	18.1559
NE+5.00	B276	526	Psup	4.3636	0	1.3469	0	-0.0927	0	18.8365
NE+5.00	B276	526	Psup	5.0909	0	5.9123	0	-0.0927	0	16.1968
NE+5.00	B276	526	Psup	5.8182	0	10.4778	0	-0.0927	0	10.2367
NE+5.00	B276	526	Psup	6.5455	0	15.0432	0	-0.0927	0	0.9564
NE+5.00	B276	526	Psup	7.2727	0	19.4607	0	-0.0927	0	-11.634
NE+5.00	B276	526	Psup	8	0	21.2316	0	-0.0927	0	-26.6458
NE+5.00	B276	526	Viva.cub	0	0	0.0001	0	-4.423E-05	0	0.0004
NE+5.00	B276	526	Viva.cub	0.7273	0	0.0001	0	-4.423E-05	0	0.0003
NE+5.00	B276	526	Viva.cub	1.4545	0	0.0001	0	-4.423E-05	0	0.0002
NE+5.00	B276	526	Viva.cub	2.1818	0	0.0001	0	-4.423E-05	0	0.0001
NE+5.00	B276	526	Viva.cub	2.9091	0	0.0001	0	-4.423E-05	0	-7.314E-06
NE+5.00	B276	526	Viva.cub	3.6364	0	0.0001	0	-4.423E-05	0	-0.0001
NE+5.00	B276	526	Viva.cub	4.3636	0	0.0001	0	-4.423E-05	0	-0.0002
NE+5.00	B276	526	Viva.cub	5.0909	0	0.0001	0	-4.423E-05	0	-0.0003
NE+5.00	B276	526	Viva.cub	5.8182	0	0.0001	0	-4.423E-05	0	-0.0004
NE+5.00	B276	526	Viva.cub	6.5455	0	0.0001	0	-4.423E-05	0	-0.0005
NE+5.00	B276	526	Viva.cub	7.2727	0	0.0001	0	-4.423E-05	0	-0.0006
NE+5.00	B276	526	Viva.cub	8	0	0.0001	0	-4.423E-05	0	-0.0007
NE+5.00	B276	526	DISX-COMB Max	0	0	4.0145	0	0.9926	0	16.5955
NE+5.00	B276	526	DISX-COMB Max	0.7273	0	4.0145	0	0.9926	0	13.6759
NE+5.00	B276	526	DISX-COMB Max	1.4545	0	4.0145	0	0.9926	0	10.7563
NE+5.00	B276	526	DISX-COMB Max	2.1818	0	4.0145	0	0.9926	0	7.8367
NE+5.00	B276	526	DISX-COMB Max	2.9091	0	4.0145	0	0.9926	0	4.9172
NE+5.00	B276	526	DISX-COMB Max	3.6364	0	4.0145	0	0.9926	0	1.998
NE+5.00	B276	526	DISX-COMB Max	4.3636	0	4.0145	0	0.9926	0	0.9241
NE+5.00	B276	526	DISX-COMB Max	5.0909	0	4.0145	0	0.9926	0	3.8424
NE+5.00	B276	526	DISX-COMB Max	5.8182	0	4.0145	0	0.9926	0	6.7619
NE+5.00	B276	526	DISX-COMB Max	6.5455	0	4.0145	0	0.9926	0	9.6814
NE+5.00	B276	526	DISX-COMB Max	7.2727	0	4.0145	0	0.9926	0	12.601
NE+5.00	B276	526	DISX-COMB Max	8	0	4.0145	0	0.9926	0	15.5206
NE+5.00	B276	526	DISY-COMB Max	0	0	0.1233	0	0.2267	0	0.5067
NE+5.00	B276	526	DISY-COMB Max	0.7273	0	0.1233	0	0.2267	0	0.4174
NE+5.00	B276	526	DISY-COMB Max	1.4545	0	0.1233	0	0.2267	0	0.3283
NE+5.00	B276	526	DISY-COMB Max	2.1818	0	0.1233	0	0.2267	0	0.2396
NE+5.00	B276	526	DISY-COMB Max	2.9091	0	0.1233	0	0.2267	0	0.1521
NE+5.00	B276	526	DISY-COMB Max	3.6364	0	0.1233	0	0.2267	0	0.0704
NE+5.00	B276	526	DISY-COMB Max	4.3636	0	0.1233	0	0.2267	0	0.0537

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B276	526	DISY-COMB Max	5.0909	0	0.1233	0	0.2267	0	0.13
NE+5.00	B276	526	DISY-COMB Max	5.8182	0	0.1233	0	0.2267	0	0.2168
NE+5.00	B276	526	DISY-COMB Max	6.5455	0	0.1233	0	0.2267	0	0.3053
NE+5.00	B276	526	DISY-COMB Max	7.2727	0	0.1233	0	0.2267	0	0.3943
NE+5.00	B276	526	DISY-COMB Max	8	0	0.1233	0	0.2267	0	0.4836
NE+5.00	B276	526	B241	0	0	-45.2365	0	-0.214	0	-64.8437
NE+5.00	B276	526	B241	0.7273	0	-40.253	0	-0.214	0	-33.4783
NE+5.00	B276	526	B241	1.4545	0	-31.8386	0	-0.214	0	-7.2069
NE+5.00	B276	526	B241	2.1818	0	-23.2324	0	-0.214	0	12.819
NE+5.00	B276	526	B241	2.9091	0	-14.6263	0	-0.214	0	26.5858
NE+5.00	B276	526	B241	3.6364	0	-6.0201	0	-0.214	0	34.0935
NE+5.00	B276	526	B241	4.3636	0	2.5861	0	-0.214	0	35.3423
NE+5.00	B276	526	B241	5.0909	0	11.1923	0	-0.214	0	30.3319
NE+5.00	B276	526	B241	5.8182	0	19.7985	0	-0.214	0	19.0626
NE+5.00	B276	526	B241	6.5455	0	28.4046	0	-0.214	0	1.5342
NE+5.00	B276	526	B241	7.2727	0	36.819	0	-0.214	0	-22.2398
NE+5.00	B276	526	B241	8	0	41.8026	0	-0.214	0	-51.1077
NE+5.00	B276	526	B242	0	0	-66.3316	0	-0.3757	0	-96.4733
NE+5.00	B276	526	B242	0.7273	0	-59.9443	0	-0.3757	0	-50.0598
NE+5.00	B276	526	B242	1.4545	0	-47.4542	0	-0.3757	0	-10.9057
NE+5.00	B276	526	B242	2.1818	0	-34.6229	0	-0.3757	0	18.9406
NE+5.00	B276	526	B242	2.9091	0	-21.7917	0	-0.3757	0	39.455
NE+5.00	B276	526	B242	3.6364	0	-8.9604	0	-0.3757	0	50.6375
NE+5.00	B276	526	B242	4.3636	0	3.8709	0	-0.3757	0	52.4882
NE+5.00	B276	526	B242	5.0909	0	16.7022	0	-0.3757	0	45.0071
NE+5.00	B276	526	B242	5.8182	0	29.5334	0	-0.3757	0	28.1942
NE+5.00	B276	526	B242	6.5455	0	42.3647	0	-0.3757	0	2.0494
NE+5.00	B276	526	B242	7.2727	0	54.8548	0	-0.3757	0	-33.4033
NE+5.00	B276	526	B242	8	0	61.2421	0	-0.3757	0	-76.1153
NE+5.00	B277	527	Pprop	0	0	-9.3263	0	0.0138	0	-12.0189
NE+5.00	B277	527	Pprop	0.6173	0	-7.5664	0	0.0138	0	-6.8052
NE+5.00	B277	527	Pprop	1.2345	0	-5.8064	0	0.0138	0	-2.6778
NE+5.00	B277	527	Pprop	1.8518	0	-4.0464	0	0.0138	0	0.3631
NE+5.00	B277	527	Pprop	2.4691	0	-2.2865	0	0.0138	0	2.3177
NE+5.00	B277	527	Pprop	3.0864	0	-0.5265	0	0.0138	0	3.1859
NE+5.00	B277	527	Pprop	3.7036	0	1.2335	0	0.0138	0	2.9677
NE+5.00	B277	527	Pprop	4.3209	0	2.9934	0	0.0138	0	1.6631
NE+5.00	B277	527	Pprop	4.9382	0	4.7534	0	0.0138	0	-0.7278
NE+5.00	B277	527	Pprop	5.5555	0	6.5134	0	0.0138	0	-4.2052
NE+5.00	B277	527	Pprop	6.1727	0	8.2733	0	0.0138	0	-8.7689
NE+5.00	B277	527	Pprop	6.79	0	10.0333	0	0.0138	0	-14.419
NE+5.00	B277	527	Viva	0	0	-13.072	0	-0.0161	0	-18.9674
NE+5.00	B277	527	Viva	0.6173	0	-12.1194	0	-0.0161	0	-11.0944
NE+5.00	B277	527	Viva	1.2345	0	-9.4823	0	-0.0161	0	-4.3755
NE+5.00	B277	527	Viva	1.8518	0	-6.5889	0	-0.0161	0	0.5846

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B277	527	Viva	2.4691	0	-3.6954	0	-0.0161	0	3.7587
NE+5.00	B277	527	Viva	3.0864	0	-0.8019	0	-0.0161	0	5.1467
NE+5.00	B277	527	Viva	3.7036	0	2.0915	0	-0.0161	0	4.7487
NE+5.00	B277	527	Viva	4.3209	0	4.985	0	-0.0161	0	2.5646
NE+5.00	B277	527	Viva	4.9382	0	7.8785	0	-0.0161	0	-1.4055
NE+5.00	B277	527	Viva	5.5555	0	10.7719	0	-0.0161	0	-7.1617
NE+5.00	B277	527	Viva	6.1727	0	13.409	0	-0.0161	0	-14.6766
NE+5.00	B277	527	Viva	6.79	0	14.3616	0	-0.0161	0	-23.3456
NE+5.00	B277	527	Psup	0	0	-17.4253	0	0.0874	0	-25.6752
NE+5.00	B277	527	Psup	0.6173	0	-16.1496	0	0.0874	0	-15.1815
NE+5.00	B277	527	Psup	1.2345	0	-12.618	0	0.0874	0	-6.2335
NE+5.00	B277	527	Psup	1.8518	0	-8.743	0	0.0874	0	0.3593
NE+5.00	B277	527	Psup	2.4691	0	-4.8681	0	0.0874	0	4.5602
NE+5.00	B277	527	Psup	3.0864	0	-0.9932	0	0.0874	0	6.3692
NE+5.00	B277	527	Psup	3.7036	0	2.8817	0	0.0874	0	5.7863
NE+5.00	B277	527	Psup	4.3209	0	6.7567	0	0.0874	0	2.8116
NE+5.00	B277	527	Psup	4.9382	0	10.6316	0	0.0874	0	-2.5551
NE+5.00	B277	527	Psup	5.5555	0	14.5065	0	0.0874	0	-10.3136
NE+5.00	B277	527	Psup	6.1727	0	18.0381	0	0.0874	0	-20.4274
NE+5.00	B277	527	Psup	6.79	0	19.3138	0	0.0874	0	-32.0868
NE+5.00	B277	527	Viva.cub	0	0	-0.0005	0	-0.0001	0	-0.0019
NE+5.00	B277	527	Viva.cub	0.6173	0	-0.0005	0	-0.0001	0	-0.0016
NE+5.00	B277	527	Viva.cub	1.2345	0	-0.0005	0	-0.0001	0	-0.0012
NE+5.00	B277	527	Viva.cub	1.8518	0	-0.0005	0	-0.0001	0	-0.0009
NE+5.00	B277	527	Viva.cub	2.4691	0	-0.0005	0	-0.0001	0	-0.0006
NE+5.00	B277	527	Viva.cub	3.0864	0	-0.0005	0	-0.0001	0	-0.0003
NE+5.00	B277	527	Viva.cub	3.7036	0	-0.0005	0	-0.0001	0	-6.703E-06
NE+5.00	B277	527	Viva.cub	4.3209	0	-0.0005	0	-0.0001	0	0.0003
NE+5.00	B277	527	Viva.cub	4.9382	0	-0.0005	0	-0.0001	0	0.0006
NE+5.00	B277	527	Viva.cub	5.5555	0	-0.0005	0	-0.0001	0	0.0009
NE+5.00	B277	527	Viva.cub	6.1727	0	-0.0005	0	-0.0001	0	0.0012
NE+5.00	B277	527	Viva.cub	6.79	0	-0.0005	0	-0.0001	0	0.0015
NE+5.00	B277	527	DISX-COMB Max	0	0	3.8394	0	1.1499	0	14.873
NE+5.00	B277	527	DISX-COMB Max	0.6173	0	3.8394	0	1.1499	0	12.5031
NE+5.00	B277	527	DISX-COMB Max	1.2345	0	3.8394	0	1.1499	0	10.1333
NE+5.00	B277	527	DISX-COMB Max	1.8518	0	3.8394	0	1.1499	0	7.7635
NE+5.00	B277	527	DISX-COMB Max	2.4691	0	3.8394	0	1.1499	0	5.394
NE+5.00	B277	527	DISX-COMB Max	3.0864	0	3.8394	0	1.1499	0	3.025
NE+5.00	B277	527	DISX-COMB Max	3.7036	0	3.8394	0	1.1499	0	0.6633
NE+5.00	B277	527	DISX-COMB Max	4.3209	0	3.8394	0	1.1499	0	1.7213
NE+5.00	B277	527	DISX-COMB Max	4.9382	0	3.8394	0	1.1499	0	4.0889
NE+5.00	B277	527	DISX-COMB Max	5.5555	0	3.8394	0	1.1499	0	6.4582
NE+5.00	B277	527	DISX-COMB Max	6.1727	0	3.8394	0	1.1499	0	8.8279
NE+5.00	B277	527	DISX-COMB Max	6.79	0	3.8394	0	1.1499	0	11.1977
NE+5.00	B277	527	DISY-COMB Max	0	0	0.1269	0	0.215	0	0.474

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B277	527	DISY-COMB Max	0.6173	0	0.1269	0	0.215	0	0.3959
NE+5.00	B277	527	DISY-COMB Max	1.2345	0	0.1269	0	0.215	0	0.3179
NE+5.00	B277	527	DISY-COMB Max	1.8518	0	0.1269	0	0.215	0	0.2402
NE+5.00	B277	527	DISY-COMB Max	2.4691	0	0.1269	0	0.215	0	0.1631
NE+5.00	B277	527	DISY-COMB Max	3.0864	0	0.1269	0	0.215	0	0.0883
NE+5.00	B277	527	DISY-COMB Max	3.7036	0	0.1269	0	0.215	0	0.0355
NE+5.00	B277	527	DISY-COMB Max	4.3209	0	0.1269	0	0.215	0	0.0837
NE+5.00	B277	527	DISY-COMB Max	4.9382	0	0.1269	0	0.215	0	0.1582
NE+5.00	B277	527	DISY-COMB Max	5.5555	0	0.1269	0	0.215	0	0.2352
NE+5.00	B277	527	DISY-COMB Max	6.1727	0	0.1269	0	0.215	0	0.3129
NE+5.00	B277	527	DISY-COMB Max	6.79	0	0.1269	0	0.215	0	0.3908
NE+5.00	B277	527	B241	0	0	-34.678	0	0.1312	0	-48.8626
NE+5.00	B277	527	B241	0.6173	0	-30.7429	0	0.1312	0	-28.5012
NE+5.00	B277	527	B241	1.2345	0	-23.8835	0	0.1312	0	-11.5517
NE+5.00	B277	527	B241	1.8518	0	-16.579	0	0.1312	0	0.9365
NE+5.00	B277	527	B241	2.4691	0	-9.2745	0	0.1312	0	8.9158
NE+5.00	B277	527	B241	3.0864	0	-1.97	0	0.1312	0	12.3862
NE+5.00	B277	527	B241	3.7036	0	5.3345	0	0.1312	0	11.3478
NE+5.00	B277	527	B241	4.3209	0	12.639	0	0.1312	0	5.8005
NE+5.00	B277	527	B241	4.9382	0	19.9435	0	0.1312	0	-4.2556
NE+5.00	B277	527	B241	5.5555	0	27.248	0	0.1312	0	-18.8206
NE+5.00	B277	527	B241	6.1727	0	34.1075	0	0.1312	0	-37.847
NE+5.00	B277	527	B241	6.79	0	38.0425	0	0.1312	0	-60.2853
NE+5.00	B277	527	B242	0	0	-50.6394	0	0.0866	0	-72.231
NE+5.00	B277	527	B242	0.6173	0	-45.7424	0	0.0866	0	-42.1814
NE+5.00	B277	527	B242	1.2345	0	-35.6435	0	0.0866	0	-16.9029
NE+5.00	B277	527	B242	1.8518	0	-24.753	0	0.0866	0	1.7376
NE+5.00	B277	527	B242	2.4691	0	-13.8624	0	0.0866	0	13.6557
NE+5.00	B277	527	B242	3.0864	0	-2.9719	0	0.0866	0	18.8514
NE+5.00	B277	527	B242	3.7036	0	7.9187	0	0.0866	0	17.3246
NE+5.00	B277	527	B242	4.3209	0	18.8092	0	0.0866	0	9.0755
NE+5.00	B277	527	B242	4.9382	0	29.6997	0	0.0866	0	-5.8962
NE+5.00	B277	527	B242	5.5555	0	40.5903	0	0.0866	0	-27.5902
NE+5.00	B277	527	B242	6.1727	0	50.6892	0	0.0866	0	-55.9222
NE+5.00	B277	527	B242	6.79	0	55.5862	0	0.0866	0	-89.0253
NE+5.00	B278	528	Pprop	0	0	-12.667	0	-0.3044	0	-15.5011
NE+5.00	B278	528	Pprop	0.7173	0	-10.6219	0	-0.3044	0	-7.1488
NE+5.00	B278	528	Pprop	1.4345	0	-8.5768	0	-0.3044	0	-0.2635
NE+5.00	B278	528	Pprop	2.1518	0	-6.5317	0	-0.3044	0	5.155
NE+5.00	B278	528	Pprop	2.8691	0	-4.4867	0	-0.3044	0	9.1066
NE+5.00	B278	528	Pprop	3.5864	0	-2.4416	0	-0.3044	0	11.5913
NE+5.00	B278	528	Pprop	4.3036	0	-0.3965	0	-0.3044	0	12.6092
NE+5.00	B278	528	Pprop	5.0209	0	1.6486	0	-0.3044	0	12.1601
NE+5.00	B278	528	Pprop	5.7382	0	3.6937	0	-0.3044	0	10.2442
NE+5.00	B278	528	Pprop	6.4555	0	5.7388	0	-0.3044	0	6.8613

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B278	528	Pprop	7.1727	0	7.7839	0	-0.3044	0	2.0116
NE+5.00	B278	528	Pprop	7.89	0	9.829	0	-0.3044	0	-4.305
NE+5.00	B278	528	Viva	0	0	-18.5889	0	-0.5828	0	-24.4764
NE+5.00	B278	528	Viva	0.7173	0	-17.3027	0	-0.5828	0	-11.4506
NE+5.00	B278	528	Viva	1.4345	0	-14.0617	0	-0.5828	0	-0.1677
NE+5.00	B278	528	Viva	2.1518	0	-10.6995	0	-0.5828	0	8.7126
NE+5.00	B278	528	Viva	2.8691	0	-7.3373	0	-0.5828	0	15.1812
NE+5.00	B278	528	Viva	3.5864	0	-3.975	0	-0.5828	0	19.2382
NE+5.00	B278	528	Viva	4.3036	0	-0.6128	0	-0.5828	0	20.8836
NE+5.00	B278	528	Viva	5.0209	0	2.7494	0	-0.5828	0	20.1173
NE+5.00	B278	528	Viva	5.7382	0	6.1116	0	-0.5828	0	16.9394
NE+5.00	B278	528	Viva	6.4555	0	9.4738	0	-0.5828	0	11.3499
NE+5.00	B278	528	Viva	7.1727	0	12.7148	0	-0.5828	0	3.3577
NE+5.00	B278	528	Viva	7.89	0	14.001	0	-0.5828	0	-6.3773
NE+5.00	B278	528	Psup	0	0	-25.2805	0	-0.3114	0	-34.2036
NE+5.00	B278	528	Psup	0.7173	0	-23.558	0	-0.3114	0	-16.4824
NE+5.00	B278	528	Psup	1.4345	0	-19.2177	0	-0.3114	0	-1.0951
NE+5.00	B278	528	Psup	2.1518	0	-14.7151	0	-0.3114	0	11.0744
NE+5.00	B278	528	Psup	2.8691	0	-10.2124	0	-0.3114	0	20.0143
NE+5.00	B278	528	Psup	3.5864	0	-5.7097	0	-0.3114	0	25.7245
NE+5.00	B278	528	Psup	4.3036	0	-1.207	0	-0.3114	0	28.2051
NE+5.00	B278	528	Psup	5.0209	0	3.2957	0	-0.3114	0	27.4561
NE+5.00	B278	528	Psup	5.7382	0	7.7983	0	-0.3114	0	23.4774
NE+5.00	B278	528	Psup	6.4555	0	12.301	0	-0.3114	0	16.269
NE+5.00	B278	528	Psup	7.1727	0	16.6413	0	-0.3114	0	5.8429
NE+5.00	B278	528	Psup	7.89	0	18.3638	0	-0.3114	0	-6.9171
NE+5.00	B278	528	Viva.cub	0	0	-0.0001	0	-2.797E-06	0	3.053E-05
NE+5.00	B278	528	Viva.cub	0.7173	0	-0.0001	0	-2.797E-06	0	0.0001
NE+5.00	B278	528	Viva.cub	1.4345	0	-0.0001	0	-2.797E-06	0	0.0002
NE+5.00	B278	528	Viva.cub	2.1518	0	-0.0001	0	-2.797E-06	0	0.0002
NE+5.00	B278	528	Viva.cub	2.8691	0	-0.0001	0	-2.797E-06	0	0.0003
NE+5.00	B278	528	Viva.cub	3.5864	0	-0.0001	0	-2.797E-06	0	0.0004
NE+5.00	B278	528	Viva.cub	4.3036	0	-0.0001	0	-2.797E-06	0	0.0004
NE+5.00	B278	528	Viva.cub	5.0209	0	-0.0001	0	-2.797E-06	0	0.0005
NE+5.00	B278	528	Viva.cub	5.7382	0	-0.0001	0	-2.797E-06	0	0.0006
NE+5.00	B278	528	Viva.cub	6.4555	0	-0.0001	0	-2.797E-06	0	0.0007
NE+5.00	B278	528	Viva.cub	7.1727	0	-0.0001	0	-2.797E-06	0	0.0007
NE+5.00	B278	528	Viva.cub	7.89	0	-0.0001	0	-2.797E-06	0	0.0008
NE+5.00	B278	528	DISX-COMB Max	0	0	7.256	0	0.6606	0	19.7382
NE+5.00	B278	528	DISX-COMB Max	0.7173	0	7.256	0	0.6606	0	14.5338
NE+5.00	B278	528	DISX-COMB Max	1.4345	0	7.256	0	0.6606	0	9.3295
NE+5.00	B278	528	DISX-COMB Max	2.1518	0	7.256	0	0.6606	0	4.1258
NE+5.00	B278	528	DISX-COMB Max	2.8691	0	7.256	0	0.6606	0	1.0851
NE+5.00	B278	528	DISX-COMB Max	3.5864	0	7.256	0	0.6606	0	6.2854
NE+5.00	B278	528	DISX-COMB Max	4.3036	0	7.256	0	0.6606	0	11.4895

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+5.00	B278	528	DISX-COMB Max	5.0209	0	7.256	0	0.6606	0	16.6939
NE+5.00	B278	528	DISX-COMB Max	5.7382	0	7.256	0	0.6606	0	21.8983
NE+5.00	B278	528	DISX-COMB Max	6.4555	0	7.256	0	0.6606	0	27.1027
NE+5.00	B278	528	DISX-COMB Max	7.1727	0	7.256	0	0.6606	0	32.3072
NE+5.00	B278	528	DISX-COMB Max	7.89	0	7.256	0	0.6606	0	37.5117
NE+5.00	B278	528	DISY-COMB Max	0	0	0.2109	0	0.2254	0	0.5886
NE+5.00	B278	528	DISY-COMB Max	0.7173	0	0.2109	0	0.2254	0	0.4403
NE+5.00	B278	528	DISY-COMB Max	1.4345	0	0.2109	0	0.2254	0	0.2952
NE+5.00	B278	528	DISY-COMB Max	2.1518	0	0.2109	0	0.2254	0	0.1618
NE+5.00	B278	528	DISY-COMB Max	2.8691	0	0.2109	0	0.2254	0	0.1047
NE+5.00	B278	528	DISY-COMB Max	3.5864	0	0.2109	0	0.2254	0	0.2038
NE+5.00	B278	528	DISY-COMB Max	4.3036	0	0.2109	0	0.2254	0	0.3433
NE+5.00	B278	528	DISY-COMB Max	5.0209	0	0.2109	0	0.2254	0	0.4899
NE+5.00	B278	528	DISY-COMB Max	5.7382	0	0.2109	0	0.2254	0	0.6386
NE+5.00	B278	528	DISY-COMB Max	6.4555	0	0.2109	0	0.2254	0	0.7884
NE+5.00	B278	528	DISY-COMB Max	7.1727	0	0.2109	0	0.2254	0	0.9386
NE+5.00	B278	528	DISY-COMB Max	7.89	0	0.2109	0	0.2254	0	1.0891
NE+5.00	B278	528	B241	0	0	-49.1912	0	-0.7983	0	-64.432
NE+5.00	B278	528	B241	0.7173	0	-44.3073	0	-0.7983	0	-30.633
NE+5.00	B278	528	B241	1.4345	0	-36.03	0	-0.7983	0	-1.7611
NE+5.00	B278	528	B241	2.1518	0	-27.5421	0	-0.7983	0	21.0382
NE+5.00	B278	528	B241	2.8691	0	-19.0543	0	-0.7983	0	37.7494
NE+5.00	B278	528	B241	3.5864	0	-10.5665	0	-0.7983	0	48.3724
NE+5.00	B278	528	B241	4.3036	0	-2.0786	0	-0.7983	0	52.9074
NE+5.00	B278	528	B241	5.0209	0	6.4092	0	-0.7983	0	51.3543
NE+5.00	B278	528	B241	5.7382	0	14.8971	0	-0.7983	0	43.7131
NE+5.00	B278	528	B241	6.4555	0	23.3849	0	-0.7983	0	29.9837
NE+5.00	B278	528	B241	7.1727	0	31.6623	0	-0.7983	0	10.1818
NE+5.00	B278	528	B241	7.89	0	36.5462	0	-0.7983	0	-14.5472
NE+5.00	B278	528	B242	0	0	-71.9061	0	-1.6167	0	-94.3896
NE+5.00	B278	528	B242	0.7173	0	-65.662	0	-1.6167	0	-44.5779
NE+5.00	B278	528	B242	1.4345	0	-53.3816	0	-1.6167	0	-1.7777
NE+5.00	B278	528	B242	2.1518	0	-40.7268	0	-1.6167	0	31.973
NE+5.00	B278	528	B242	2.8691	0	-28.0719	0	-1.6167	0	56.6467
NE+5.00	B278	528	B242	3.5864	0	-15.4171	0	-1.6167	0	72.2434
NE+5.00	B278	528	B242	4.3036	0	-2.7622	0	-1.6167	0	78.7632
NE+5.00	B278	528	B242	5.0209	0	9.8926	0	-1.6167	0	76.2059
NE+5.00	B278	528	B242	5.7382	0	22.5475	0	-1.6167	0	64.5717
NE+5.00	B278	528	B242	6.4555	0	35.2023	0	-1.6167	0	43.8606
NE+5.00	B278	528	B242	7.1727	0	47.4827	0	-1.6167	0	14.0999
NE+5.00	B278	528	B242	7.89	0	53.7268	0	-1.6167	0	-22.6723
NE+4.35	B46	77	Pprop	0.225	11.9996	-13.6899	0.7527	0.5497	1.48	-15.63
NE+4.35	B46	77	Pprop	0.9145	11.9996	-11.2771	0.7527	0.5497	0.9609	-7.0221
NE+4.35	B46	77	Pprop	1.6041	11.9996	-8.8642	0.7527	0.5497	0.4419	-0.0779
NE+4.35	B46	77	Pprop	2.2936	11.9996	-6.4514	0.7527	0.5497	-0.0771	5.2025

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B46	77	Pprop	2.7	11.9996	-5.0294	0.7527	0.5497	-0.383	7.5351
NE+4.35	B46	77	Pprop	2.7	-9.3863	-4.5861	0.0086	-0.0125	-1.3584	6.8471
NE+4.35	B46	77	Pprop	2.9832	-9.3863	-3.5952	0.0086	-0.0125	-1.3608	8.0055
NE+4.35	B46	77	Pprop	3.6727	-9.3863	-1.1823	0.0086	-0.0125	-1.3668	9.6526
NE+4.35	B46	77	Pprop	4.3623	-9.3863	1.2305	0.0086	-0.0125	-1.3727	9.636
NE+4.35	B46	77	Pprop	5.0518	-9.3863	3.6434	0.0086	-0.0125	-1.3786	7.9556
NE+4.35	B46	77	Pprop	5.41	-9.3863	4.8968	0.0086	-0.0125	-1.3817	6.4261
NE+4.35	B46	77	Pprop	5.41	7.1396	5.3982	-0.9631	-0.3221	-0.5988	7.0552
NE+4.35	B46	77	Pprop	5.7414	7.1396	6.5577	-0.9631	-0.3221	-0.2796	5.0743
NE+4.35	B46	77	Pprop	6.4309	7.1396	8.9705	-0.9631	-0.3221	0.3845	-0.2794
NE+4.35	B46	77	Pprop	7.1205	7.1396	11.3834	-0.9631	-0.3221	1.0486	-7.2969
NE+4.35	B46	77	Pprop	7.81	7.1396	13.7963	-0.9631	-0.3221	1.7127	-15.9781
NE+4.35	B46	77	Viva	0.225	7.0232	-17.8744	1.4118	-1.5077	2.8425	-27.1834
NE+4.35	B46	77	Viva	0.9145	7.0232	-17.8744	1.4118	-1.5077	1.869	-14.8582
NE+4.35	B46	77	Viva	1.6041	7.0232	-17.8744	1.4118	-1.5077	0.8955	-2.5329
NE+4.35	B46	77	Viva	2.2936	7.0232	-17.8744	1.4118	-1.5077	-0.078	9.7923
NE+4.35	B46	77	Viva	2.7	7.0232	-17.8744	1.4118	-1.5077	-0.6517	17.0558
NE+4.35	B46	77	Viva	2.7	-29.2796	0.1278	0.084	0.0131	-2.3591	15.8836
NE+4.35	B46	77	Viva	2.9832	-29.2796	0.1278	0.084	0.0131	-2.3829	15.8474
NE+4.35	B46	77	Viva	3.6727	-29.2796	0.1278	0.084	0.0131	-2.4408	15.7593
NE+4.35	B46	77	Viva	4.3623	-29.2796	0.1278	0.084	0.0131	-2.4987	15.6712
NE+4.35	B46	77	Viva	5.0518	-29.2796	0.1278	0.084	0.0131	-2.5566	15.5831
NE+4.35	B46	77	Viva	5.41	-29.2796	0.1278	0.084	0.0131	-2.5867	15.5373
NE+4.35	B46	77	Viva	5.41	7.8889	18.1494	-1.5319	1.7707	-0.8145	16.7149
NE+4.35	B46	77	Viva	5.7414	7.8889	18.1494	-1.5319	1.7707	-0.3068	10.7008
NE+4.35	B46	77	Viva	6.4309	7.8889	18.1494	-1.5319	1.7707	0.7495	-1.814
NE+4.35	B46	77	Viva	7.1205	7.8889	18.1494	-1.5319	1.7707	1.8059	-14.3289
NE+4.35	B46	77	Viva	7.81	7.8889	18.1494	-1.5319	1.7707	2.8622	-26.8437
NE+4.35	B46	77	Psup	0.225	18.1591	-17.2727	0.8335	-2.6984	2.2348	-26.2863
NE+4.35	B46	77	Psup	0.9145	18.1591	-17.2727	0.8335	-2.6984	1.6601	-14.3759
NE+4.35	B46	77	Psup	1.6041	18.1591	-17.2727	0.8335	-2.6984	1.0853	-2.4656
NE+4.35	B46	77	Psup	2.2936	18.1591	-17.2727	0.8335	-2.6984	0.5106	9.4448
NE+4.35	B46	77	Psup	2.7	18.1591	-17.2727	0.8335	-2.6984	0.1719	16.4638
NE+4.35	B46	77	Psup	2.7	-27.8001	0.034	0.2043	-0.0058	-2.1505	15.189
NE+4.35	B46	77	Psup	2.9832	-27.8001	0.034	0.2043	-0.0058	-2.2084	15.1794
NE+4.35	B46	77	Psup	3.6727	-27.8001	0.034	0.2043	-0.0058	-2.3493	15.156
NE+4.35	B46	77	Psup	4.3623	-27.8001	0.034	0.2043	-0.0058	-2.4902	15.1325
NE+4.35	B46	77	Psup	5.0518	-27.8001	0.034	0.2043	-0.0058	-2.6311	15.1091
NE+4.35	B46	77	Psup	5.41	-27.8001	0.034	0.2043	-0.0058	-2.7043	15.0969
NE+4.35	B46	77	Psup	5.41	10.5329	17.4257	-1.5747	3.452	-0.9009	16.1971
NE+4.35	B46	77	Psup	5.7414	10.5329	17.4257	-1.5747	3.452	-0.3791	10.4228
NE+4.35	B46	77	Psup	6.4309	10.5329	17.4257	-1.5747	3.452	0.7067	-1.593
NE+4.35	B46	77	Psup	7.1205	10.5329	17.4257	-1.5747	3.452	1.7925	-13.6089
NE+4.35	B46	77	Psup	7.81	10.5329	17.4257	-1.5747	3.452	2.8783	-25.6247
NE+4.35	B46	77	Viva.cub	0.225	0.5418	0.0555	-0.0091	0.072	-0.0122	0.0842

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B46	77	Viva.cub	0.9145	0.5418	0.0555	-0.0091	0.072	-0.0059	0.0459
NE+4.35	B46	77	Viva.cub	1.6041	0.5418	0.0555	-0.0091	0.072	0.0004	0.0076
NE+4.35	B46	77	Viva.cub	2.2936	0.5418	0.0555	-0.0091	0.072	0.0067	-0.0307
NE+4.35	B46	77	Viva.cub	2.7	0.5418	0.0555	-0.0091	0.072	0.0104	-0.0532
NE+4.35	B46	77	Viva.cub	2.7	0.337	-0.0034	-0.0016	0.0016	0.0014	-0.053
NE+4.35	B46	77	Viva.cub	2.9832	0.337	-0.0034	-0.0016	0.0016	0.0018	-0.052
NE+4.35	B46	77	Viva.cub	3.6727	0.337	-0.0034	-0.0016	0.0016	0.003	-0.0497
NE+4.35	B46	77	Viva.cub	4.3623	0.337	-0.0034	-0.0016	0.0016	0.0041	-0.0473
NE+4.35	B46	77	Viva.cub	5.0518	0.337	-0.0034	-0.0016	0.0016	0.0052	-0.045
NE+4.35	B46	77	Viva.cub	5.41	0.337	-0.0034	-0.0016	0.0016	0.0058	-0.0437
NE+4.35	B46	77	Viva.cub	5.41	0.3207	-0.0646	0.0083	-0.0733	0.0066	-0.0483
NE+4.35	B46	77	Viva.cub	5.7414	0.3207	-0.0646	0.0083	-0.0733	0.0039	-0.0269
NE+4.35	B46	77	Viva.cub	6.4309	0.3207	-0.0646	0.0083	-0.0733	-0.0019	0.0177
NE+4.35	B46	77	Viva.cub	7.1205	0.3207	-0.0646	0.0083	-0.0733	-0.0076	0.0622
NE+4.35	B46	77	Viva.cub	7.81	0.3207	-0.0646	0.0083	-0.0733	-0.0133	0.1068
NE+4.35	B46	77	DISX-COMB Max	0.225	49.892	20.6053	1.6442	10.2802	11.9991	89.5402
NE+4.35	B46	77	DISX-COMB Max	0.9145	49.892	20.6053	1.6442	10.2802	11.106	75.7408
NE+4.35	B46	77	DISX-COMB Max	1.6041	49.892	20.6053	1.6442	10.2802	10.2605	62.126
NE+4.35	B46	77	DISX-COMB Max	2.2936	49.892	20.6053	1.6442	10.2802	9.4754	48.8505
NE+4.35	B46	77	DISX-COMB Max	2.7	49.892	20.6053	1.6442	10.2802	9.0475	41.3185
NE+4.35	B46	77	DISX-COMB Max	2.7	32.9999	26.4711	1.1252	3.942	1.4509	44.0967
NE+4.35	B46	77	DISX-COMB Max	2.9832	32.9999	26.4711	1.1252	3.942	1.1921	36.6733
NE+4.35	B46	77	DISX-COMB Max	3.6727	32.9999	26.4711	1.1252	3.942	0.7774	18.8393
NE+4.35	B46	77	DISX-COMB Max	4.3623	32.9999	26.4711	1.1252	3.942	0.9958	5.5907
NE+4.35	B46	77	DISX-COMB Max	5.0518	32.9999	26.4711	1.1252	3.942	1.6071	19.3375
NE+4.35	B46	77	DISX-COMB Max	5.41	32.9999	26.4711	1.1252	3.942	1.9709	28.5466
NE+4.35	B46	77	DISX-COMB Max	5.41	115.7404	34.6134	4.4494	7.0061	4.9731	24.9536
NE+4.35	B46	77	DISX-COMB Max	5.7414	115.7404	34.6134	4.4494	7.0061	6.3593	35.8248
NE+4.35	B46	77	DISX-COMB Max	6.4309	115.7404	34.6134	4.4494	7.0061	9.3309	59.1758
NE+4.35	B46	77	DISX-COMB Max	7.1205	115.7404	34.6134	4.4494	7.0061	12.3498	82.8217
NE+4.35	B46	77	DISX-COMB Max	7.81	115.7404	34.6134	4.4494	7.0061	15.3881	106.5665
NE+4.35	B46	77	DISY-COMB Max	0.225	15.3825	20.9421	3.2907	18.0803	4.7698	32.9415
NE+4.35	B46	77	DISY-COMB Max	0.9145	15.3825	20.9421	3.2907	18.0803	2.5171	18.5506
NE+4.35	B46	77	DISY-COMB Max	1.6041	15.3825	20.9421	3.2907	18.0803	0.467	4.4903
NE+4.35	B46	77	DISY-COMB Max	2.2936	15.3825	20.9421	3.2907	18.0803	2.0971	10.6422
NE+4.35	B46	77	DISY-COMB Max	2.7	15.3825	20.9421	3.2907	18.0803	3.4182	19.0638
NE+4.35	B46	77	DISY-COMB Max	2.7	34.6303	0.9517	0.452	0.2807	2.3756	17.7568
NE+4.35	B46	77	DISY-COMB Max	2.9832	34.6303	0.9517	0.452	0.2807	2.2507	17.8419
NE+4.35	B46	77	DISY-COMB Max	3.6727	34.6303	0.9517	0.452	0.2807	1.9481	18.0642
NE+4.35	B46	77	DISY-COMB Max	4.3623	34.6303	0.9517	0.452	0.2807	1.6488	18.3074
NE+4.35	B46	77	DISY-COMB Max	5.0518	34.6303	0.9517	0.452	0.2807	1.3553	18.5706
NE+4.35	B46	77	DISY-COMB Max	5.41	34.6303	0.9517	0.452	0.2807	1.2063	18.7149
NE+4.35	B46	77	DISY-COMB Max	5.41	5.5173	19.7128	2.9639	16.0577	3.5924	19.671
NE+4.35	B46	77	DISY-COMB Max	5.7414	5.5173	19.7128	2.9639	16.0577	2.6189	13.1935
NE+4.35	B46	77	DISY-COMB Max	6.4309	5.5173	19.7128	2.9639	16.0577	0.6778	2.1532

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B46	77	DISY-COMB Max	7.1205	5.5173	19.7128	2.9639	16.0577	1.5537	14.3086
NE+4.35	B46	77	DISY-COMB Max	7.81	5.5173	19.7128	2.9639	16.0577	3.5669	27.8275
NE+4.35	B46	77	B241	0.225	39.0947	-40.1368	2.0563	-2.7853	4.8155	-54.336
NE+4.35	B46	77	B241	0.9145	39.0947	-37.009	2.0563	-2.7853	3.3976	-27.7382
NE+4.35	B46	77	B241	1.6041	39.0947	-33.8812	2.0563	-2.7853	1.9797	-3.2972
NE+4.35	B46	77	B241	2.2936	39.0947	-30.7535	2.0563	-2.7853	0.5619	18.9871
NE+4.35	B46	77	B241	2.7	39.0947	-28.9102	2.0563	-2.7853	-0.2737	31.1097
NE+4.35	B46	77	B241	2.7	-48.2046	-5.9009	0.2761	-0.0237	-4.5485	28.5653
NE+4.35	B46	77	B241	2.9832	-48.2046	-4.6164	0.2761	-0.0237	-4.6267	30.0545
NE+4.35	B46	77	B241	3.6727	-48.2046	-1.4886	0.2761	-0.0237	-4.8171	32.1593
NE+4.35	B46	77	B241	4.3623	-48.2046	1.6392	0.2761	-0.0237	-5.0074	32.1074
NE+4.35	B46	77	B241	5.0518	-48.2046	4.767	0.2761	-0.0237	-5.1978	29.9887
NE+4.35	B46	77	B241	5.41	-48.2046	6.3917	0.2761	-0.0237	-5.2967	27.9003
NE+4.35	B46	77	B241	5.41	22.9088	29.5866	-3.2897	4.0572	-1.9441	30.1418
NE+4.35	B46	77	B241	5.7414	22.9088	31.0896	-3.2897	4.0572	-0.8539	20.0889
NE+4.35	B46	77	B241	6.4309	22.9088	34.2174	-3.2897	4.0572	1.4145	-2.4272
NE+4.35	B46	77	B241	7.1205	22.9088	37.3452	-3.2897	4.0572	3.6829	-27.1
NE+4.35	B46	77	B241	7.81	22.9088	40.473	-3.2897	4.0572	5.9513	-53.9296
NE+4.35	B46	77	B242	0.225	45.0177	-62.9743	4.0168	-4.7637	8.6695	-90.025
NE+4.35	B46	77	B242	0.9145	45.0177	-60.2933	4.0168	-4.7637	5.8997	-47.5257
NE+4.35	B46	77	B242	1.6041	45.0177	-57.6124	4.0168	-4.7637	3.13	-6.875
NE+4.35	B46	77	B242	2.2936	45.0177	-54.9314	4.0168	-4.7637	0.3602	31.927
NE+4.35	B46	77	B242	2.7	45.0177	-53.3515	4.0168	-4.7637	-1.2721	53.9281
NE+4.35	B46	77	B242	2.7	-87.9971	-4.8552	0.3701	0.0015	-7.6727	49.8718
NE+4.35	B46	77	B242	2.9832	-87.9971	-3.7542	0.3701	0.0015	-7.7775	51.0908
NE+4.35	B46	77	B242	3.6727	-87.9971	-1.0732	0.3701	0.0015	-8.0327	52.7551
NE+4.35	B46	77	B242	4.3623	-87.9971	1.6077	0.3701	0.0015	-8.2879	52.5708
NE+4.35	B46	77	B242	5.0518	-87.9971	4.2887	0.3701	0.0015	-8.5432	50.5379
NE+4.35	B46	77	B242	5.41	-87.9971	5.6813	0.3701	0.0015	-8.6757	48.7524
NE+4.35	B46	77	B242	5.41	32.4187	54.3666	-5.2667	6.274	-2.9661	52.5555
NE+4.35	B46	77	B242	5.7414	32.4187	55.655	-5.2667	6.274	-1.2209	34.3269
NE+4.35	B46	77	B242	6.4309	32.4187	58.3359	-5.2667	6.274	2.4107	-4.9741
NE+4.35	B46	77	B242	7.1205	32.4187	61.0169	-5.2667	6.274	6.0424	-46.1237
NE+4.35	B46	77	B242	7.81	32.4187	63.6978	-5.2667	6.274	9.674	-89.1219
NE+4.35	B47	78	Pprop	0.3	5.0834	-13.9268	0.9338	0.3272	1.7418	-16.2974
NE+4.35	B47	78	Pprop	1.0032	5.0834	-11.4662	0.9338	0.3272	1.0852	-7.3694
NE+4.35	B47	78	Pprop	1.7064	5.0834	-9.0057	0.9338	0.3272	0.4285	-0.1717
NE+4.35	B47	78	Pprop	2.4095	5.0834	-6.5451	0.9338	0.3272	-0.2281	5.2958
NE+4.35	B47	78	Pprop	2.75	5.0834	-5.3538	0.9338	0.3272	-0.546	7.3213
NE+4.35	B47	78	Pprop	2.75	-13.2344	-4.8238	-0.014	0.008	-1.4529	6.6656
NE+4.35	B47	78	Pprop	3.1127	-13.2344	-3.5545	-0.014	0.008	-1.4478	8.1851
NE+4.35	B47	78	Pprop	3.8159	-13.2344	-1.0939	-0.014	0.008	-1.438	9.8194
NE+4.35	B47	78	Pprop	4.5191	-13.2344	1.3666	-0.014	0.008	-1.4281	9.7236
NE+4.35	B47	78	Pprop	5.2223	-13.2344	3.8272	-0.014	0.008	-1.4183	7.8975
NE+4.35	B47	78	Pprop	5.51	-13.2344	4.834	-0.014	0.008	-1.4143	6.6514

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B47	78	Pprop	5.51	6.185	5.3589	-0.8494	-0.3686	-0.4439	7.3239
NE+4.35	B47	78	Pprop	5.9255	6.185	6.8126	-0.8494	-0.3686	-0.0911	4.7956
NE+4.35	B47	78	Pprop	6.6286	6.185	9.2732	-0.8494	-0.3686	0.5062	-0.86
NE+4.35	B47	78	Pprop	7.3318	6.185	11.7338	-0.8494	-0.3686	1.1034	-8.2459
NE+4.35	B47	78	Pprop	8.035	6.185	14.1944	-0.8494	-0.3686	1.7007	-17.362
NE+4.35	B47	78	Viva	0.3	9.3999	-18.4569	1.565	-1.7153	3.0237	-28.0057
NE+4.35	B47	78	Viva	1.0032	9.3999	-18.4569	1.565	-1.7153	1.9233	-15.0272
NE+4.35	B47	78	Viva	1.7064	9.3999	-18.4569	1.565	-1.7153	0.8228	-2.0486
NE+4.35	B47	78	Viva	2.4095	9.3999	-18.4569	1.565	-1.7153	-0.2776	10.93
NE+4.35	B47	78	Viva	2.75	9.3999	-18.4569	1.565	-1.7153	-0.8104	17.2137
NE+4.35	B47	78	Viva	2.75	-27.2263	-0.0302	-0.0173	0.0462	-2.6214	16.0067
NE+4.35	B47	78	Viva	3.1127	-27.2263	-0.0302	-0.0173	0.0462	-2.6152	16.0177
NE+4.35	B47	78	Viva	3.8159	-27.2263	-0.0302	-0.0173	0.0462	-2.603	16.0389
NE+4.35	B47	78	Viva	4.5191	-27.2263	-0.0302	-0.0173	0.0462	-2.5908	16.0601
NE+4.35	B47	78	Viva	5.2223	-27.2263	-0.0302	-0.0173	0.0462	-2.5787	16.0813
NE+4.35	B47	78	Viva	5.51	-27.2263	-0.0302	-0.0173	0.0462	-2.5737	16.09
NE+4.35	B47	78	Viva	5.51	10.3746	18.3847	-1.46	1.7894	-0.6948	17.3088
NE+4.35	B47	78	Viva	5.9255	10.3746	18.3847	-1.46	1.7894	-0.0882	9.6708
NE+4.35	B47	78	Viva	6.6286	10.3746	18.3847	-1.46	1.7894	0.9385	-3.257
NE+4.35	B47	78	Viva	7.3318	10.3746	18.3847	-1.46	1.7894	1.9651	-16.1848
NE+4.35	B47	78	Viva	8.035	10.3746	18.3847	-1.46	1.7894	2.9918	-29.1126
NE+4.35	B47	78	Psup	0.3	7.2617	-17.9441	1.5185	-3.4934	3.0824	-27.2937
NE+4.35	B47	78	Psup	1.0032	7.2617	-17.9441	1.5185	-3.4934	2.0146	-14.6758
NE+4.35	B47	78	Psup	1.7064	7.2617	-17.9441	1.5185	-3.4934	0.9468	-2.0579
NE+4.35	B47	78	Psup	2.4095	7.2617	-17.9441	1.5185	-3.4934	-0.121	10.5601
NE+4.35	B47	78	Psup	2.75	7.2617	-17.9441	1.5185	-3.4934	-0.6379	16.6692
NE+4.35	B47	78	Psup	2.75	-33.9303	-0.0319	-0.0398	0.0459	-2.7454	15.5053
NE+4.35	B47	78	Psup	3.1127	-33.9303	-0.0319	-0.0398	0.0459	-2.731	15.5169
NE+4.35	B47	78	Psup	3.8159	-33.9303	-0.0319	-0.0398	0.0459	-2.703	15.5393
NE+4.35	B47	78	Psup	4.5191	-33.9303	-0.0319	-0.0398	0.0459	-2.6751	15.5616
NE+4.35	B47	78	Psup	5.2223	-33.9303	-0.0319	-0.0398	0.0459	-2.6471	15.584
NE+4.35	B47	78	Psup	5.51	-33.9303	-0.0319	-0.0398	0.0459	-2.6357	15.5932
NE+4.35	B47	78	Psup	5.51	12.0385	17.8542	-1.1785	3.3671	-0.2653	16.8214
NE+4.35	B47	78	Psup	5.9255	12.0385	17.8542	-1.1785	3.3671	0.2243	9.4038
NE+4.35	B47	78	Psup	6.6286	12.0385	17.8542	-1.1785	3.3671	1.053	-3.151
NE+4.35	B47	78	Psup	7.3318	12.0385	17.8542	-1.1785	3.3671	1.8817	-15.7057
NE+4.35	B47	78	Psup	8.035	12.0385	17.8542	-1.1785	3.3671	2.7104	-28.2605
NE+4.35	B47	78	Viva.cub	0.3	-0.0394	0.0553	-0.0086	0.0683	-0.0107	0.0783
NE+4.35	B47	78	Viva.cub	1.0032	-0.0394	0.0553	-0.0086	0.0683	-0.0046	0.0394
NE+4.35	B47	78	Viva.cub	1.7064	-0.0394	0.0553	-0.0086	0.0683	0.0014	0.0005
NE+4.35	B47	78	Viva.cub	2.4095	-0.0394	0.0553	-0.0086	0.0683	0.0074	-0.0385
NE+4.35	B47	78	Viva.cub	2.75	-0.0394	0.0553	-0.0086	0.0683	0.0104	-0.0573
NE+4.35	B47	78	Viva.cub	2.75	-0.093	-0.002	0.0007	-0.0006	0.006	-0.0535
NE+4.35	B47	78	Viva.cub	3.1127	-0.093	-0.002	0.0007	-0.0006	0.0057	-0.0528
NE+4.35	B47	78	Viva.cub	3.8159	-0.093	-0.002	0.0007	-0.0006	0.0053	-0.0514

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B47	78	Viva.cub	4.5191	-0.093	-0.002	0.0007	-0.0006	0.0048	-0.05
NE+4.35	B47	78	Viva.cub	5.2223	-0.093	-0.002	0.0007	-0.0006	0.0044	-0.0486
NE+4.35	B47	78	Viva.cub	5.51	-0.093	-0.002	0.0007	-0.0006	0.0042	-0.048
NE+4.35	B47	78	Viva.cub	5.51	0.0259	-0.0589	0.0099	-0.0691	0.0105	-0.0504
NE+4.35	B47	78	Viva.cub	5.9255	0.0259	-0.0589	0.0099	-0.0691	0.0064	-0.026
NE+4.35	B47	78	Viva.cub	6.6286	0.0259	-0.0589	0.0099	-0.0691	-0.0006	0.0155
NE+4.35	B47	78	Viva.cub	7.3318	0.0259	-0.0589	0.0099	-0.0691	-0.0076	0.0569
NE+4.35	B47	78	Viva.cub	8.035	0.0259	-0.0589	0.0099	-0.0691	-0.0146	0.0984
NE+4.35	B47	78	DISX-COMB Max	0.3	79.7812	20.9655	2.3836	4.9812	12.4965	84.8312
NE+4.35	B47	78	DISX-COMB Max	1.0032	79.7812	20.9655	2.3836	4.9812	10.8552	70.1956
NE+4.35	B47	78	DISX-COMB Max	1.7064	79.7812	20.9655	2.3836	4.9812	9.2265	55.6166
NE+4.35	B47	78	DISX-COMB Max	2.4095	79.7812	20.9655	2.3836	4.9812	7.6184	41.1542
NE+4.35	B47	78	DISX-COMB Max	2.75	79.7812	20.9655	2.3836	4.9812	6.8515	34.238
NE+4.35	B47	78	DISX-COMB Max	2.75	22.3333	24.0128	1.4178	3.8378	1.4763	37.25
NE+4.35	B47	78	DISX-COMB Max	3.1127	22.3333	24.0128	1.4178	3.8378	0.9845	28.57
NE+4.35	B47	78	DISX-COMB Max	3.8159	22.3333	24.0128	1.4178	3.8378	0.3607	11.8691
NE+4.35	B47	78	DISX-COMB Max	4.5191	22.3333	24.0128	1.4178	3.8378	1.1309	5.9782
NE+4.35	B47	78	DISX-COMB Max	5.2223	22.3333	24.0128	1.4178	3.8378	2.1014	22.3792
NE+4.35	B47	78	DISX-COMB Max	5.51	22.3333	24.0128	1.4178	3.8378	2.5045	29.2495
NE+4.35	B47	78	DISX-COMB Max	5.51	112.8437	28.2504	3.8736	3.0817	5.1708	25.6642
NE+4.35	B47	78	DISX-COMB Max	5.9255	112.8437	28.2504	3.8736	3.0817	6.7573	37.2567
NE+4.35	B47	78	DISX-COMB Max	6.6286	112.8437	28.2504	3.8736	3.0817	9.4601	57.0124
NE+4.35	B47	78	DISX-COMB Max	7.3318	112.8437	28.2504	3.8736	3.0817	12.1723	76.8246
NE+4.35	B47	78	DISX-COMB Max	8.035	112.8437	28.2504	3.8736	3.0817	14.8887	96.6585
NE+4.35	B47	78	DISY-COMB Max	0.3	3.8247	20.6221	3.0397	16.075	4.5079	33.2725
NE+4.35	B47	78	DISY-COMB Max	1.0032	3.8247	20.6221	3.0397	16.075	2.3842	18.8125
NE+4.35	B47	78	DISY-COMB Max	1.7064	3.8247	20.6221	3.0397	16.075	0.4298	4.6171
NE+4.35	B47	78	DISY-COMB Max	2.4095	3.8247	20.6221	3.0397	16.075	1.9551	10.454
NE+4.35	B47	78	DISY-COMB Max	2.75	3.8247	20.6221	3.0397	16.075	2.9777	17.4064
NE+4.35	B47	78	DISY-COMB Max	2.75	20.5675	1.1674	0.1445	0.1941	1.7223	16.1865
NE+4.35	B47	78	DISY-COMB Max	3.1127	20.5675	1.1674	0.1445	0.1941	1.6929	16.469
NE+4.35	B47	78	DISY-COMB Max	3.8159	20.5675	1.1674	0.1445	0.1941	1.6393	17.0332
NE+4.35	B47	78	DISY-COMB Max	4.5191	20.5675	1.1674	0.1445	0.1941	1.5904	17.6176
NE+4.35	B47	78	DISY-COMB Max	5.2223	20.5675	1.1674	0.1445	0.1941	1.5466	18.2203
NE+4.35	B47	78	DISY-COMB Max	5.51	20.5675	1.1674	0.1445	0.1941	1.5302	18.4718
NE+4.35	B47	78	DISY-COMB Max	5.51	13.9469	18.7387	3.0805	16.4714	3.8573	19.3825
NE+4.35	B47	78	DISY-COMB Max	5.9255	13.9469	18.7387	3.0805	16.4714	2.5887	11.668
NE+4.35	B47	78	DISY-COMB Max	6.6286	13.9469	18.7387	3.0805	16.4714	0.5711	2.6294
NE+4.35	B47	78	DISY-COMB Max	7.3318	13.9469	18.7387	3.0805	16.4714	1.8262	14.9979
NE+4.35	B47	78	DISY-COMB Max	8.035	13.9469	18.7387	3.0805	16.4714	3.9659	28.1107
NE+4.35	B47	78	B241	0.3	16.0028	-41.3141	3.179	-4.1044	6.2537	-56.507
NE+4.35	B47	78	B241	1.0032	16.0028	-38.1245	3.179	-4.1044	4.0183	-28.5772
NE+4.35	B47	78	B241	1.7064	16.0028	-34.9348	3.179	-4.1044	1.7829	-2.8902
NE+4.35	B47	78	B241	2.4095	16.0028	-31.7452	3.179	-4.1044	-0.4525	20.5539
NE+4.35	B47	78	B241	2.75	16.0028	-30.2009	3.179	-4.1044	-1.5348	31.0988

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B47	78	B241	2.75	-61.1395	-6.2943	-0.0697	0.0698	-5.4423	28.74
NE+4.35	B47	78	B241	3.1127	-61.1395	-4.649	-0.0697	0.0698	-5.417	30.7247
NE+4.35	B47	78	B241	3.8159	-61.1395	-1.4594	-0.0697	0.0698	-5.368	32.8724
NE+4.35	B47	78	B241	4.5191	-61.1395	1.7303	-0.0697	0.0698	-5.319	32.7771
NE+4.35	B47	78	B241	5.2223	-61.1395	4.9199	-0.0697	0.0698	-5.27	30.439
NE+4.35	B47	78	B241	5.51	-61.1395	6.225	-0.0697	0.0698	-5.25	28.8356
NE+4.35	B47	78	B241	5.51	23.6232	30.091	-2.6287	3.887	-0.9194	31.2995
NE+4.35	B47	78	B241	5.9255	23.6232	31.9755	-2.6287	3.887	0.1727	18.4066
NE+4.35	B47	78	B241	6.6286	23.6232	35.1652	-2.6287	3.887	2.0212	-5.1995
NE+4.35	B47	78	B241	7.3318	23.6232	38.3548	-2.6287	3.887	3.8696	-31.0484
NE+4.35	B47	78	B241	8.035	23.6232	41.5444	-2.6287	3.887	5.718	-59.1403
NE+4.35	B47	78	B242	0.3	28.7369	-64.9155	5.2245	-6.2283	10.1929	-93.2046
NE+4.35	B47	78	B242	1.0032	28.7369	-62.1815	5.2245	-6.2283	6.5191	-48.5185
NE+4.35	B47	78	B242	1.7064	28.7369	-59.4475	5.2245	-6.2283	2.8454	-5.7548
NE+4.35	B47	78	B242	2.4095	28.7369	-56.7136	5.2245	-6.2283	-0.8284	35.0864
NE+4.35	B47	78	B242	2.75	28.7369	-55.3899	5.2245	-6.2283	-2.6071	54.1694
NE+4.35	B47	78	B242	2.75	-96.0139	-5.4444	-0.0871	0.1335	-8.8561	50.2183
NE+4.35	B47	78	B242	3.1127	-96.0139	-4.0341	-0.0871	0.1335	-8.8245	51.9374
NE+4.35	B47	78	B242	3.8159	-96.0139	-1.3001	-0.0871	0.1335	-8.7633	53.8129
NE+4.35	B47	78	B242	4.5191	-96.0139	1.4338	-0.0871	0.1335	-8.7021	53.7659
NE+4.35	B47	78	B242	5.2223	-96.0139	4.1678	-0.0871	0.1335	-8.6408	51.7964
NE+4.35	B47	78	B242	5.51	-96.0139	5.2865	-0.0871	0.1335	-8.6158	50.4362
NE+4.35	B47	78	B242	5.51	36.8607	55.1784	-4.5843	6.1602	-1.8944	54.4971
NE+4.35	B47	78	B242	5.9255	36.8607	56.7937	-4.5843	6.1602	0.0101	31.2374
NE+4.35	B47	78	B242	6.6286	36.8607	59.5276	-4.5843	6.1602	3.2337	-9.6601
NE+4.35	B47	78	B242	7.3318	36.8607	62.2616	-4.5843	6.1602	6.4572	-52.4801
NE+4.35	B47	78	B242	8.035	36.8607	64.9956	-4.5843	6.1602	9.6808	-97.2226
NE+4.35	B48	79	Pprop	0.225	6.0658	-13.9036	0.8496	0.2536	1.6114	-16.4854
NE+4.35	B48	79	Pprop	0.9114	6.0658	-11.5019	0.8496	0.2536	1.0283	-7.7667
NE+4.35	B48	79	Pprop	1.5977	6.0658	-9.1002	0.8496	0.2536	0.4451	-0.6965
NE+4.35	B48	79	Pprop	2.2841	6.0658	-6.6985	0.8496	0.2536	-0.1381	4.7253
NE+4.35	B48	79	Pprop	2.665	6.0658	-5.3656	0.8496	0.2536	-0.4617	7.023
NE+4.35	B48	79	Pprop	2.665	-11.0759	-4.6857	0.0072	0.0013	-1.3503	6.4026
NE+4.35	B48	79	Pprop	2.9705	-11.0759	-3.6168	0.0072	0.0013	-1.3525	7.6706
NE+4.35	B48	79	Pprop	3.6568	-11.0759	-1.2151	0.0072	0.0013	-1.3575	9.3288
NE+4.35	B48	79	Pprop	4.3432	-11.0759	1.1866	0.0072	0.0013	-1.3624	9.3386
NE+4.35	B48	79	Pprop	5.0295	-11.0759	3.5883	0.0072	0.0013	-1.3673	7.6999
NE+4.35	B48	79	Pprop	5.335	-11.0759	4.6572	0.0072	0.0013	-1.3695	6.4406
NE+4.35	B48	79	Pprop	5.335	6.7544	5.2959	-0.8443	-0.313	-0.4335	7.0733
NE+4.35	B48	79	Pprop	5.7159	6.7544	6.6288	-0.8443	-0.313	-0.1119	4.8022
NE+4.35	B48	79	Pprop	6.4023	6.7544	9.0305	-0.8443	-0.313	0.4676	-0.5717
NE+4.35	B48	79	Pprop	7.0886	6.7544	11.4322	-0.8443	-0.313	1.0471	-7.5942
NE+4.35	B48	79	Pprop	7.775	6.7544	13.8339	-0.8443	-0.313	1.6266	-16.265
NE+4.35	B48	79	Viva	0.225	11.5205	-18.0085	1.4173	-1.9237	2.7816	-27.6508
NE+4.35	B48	79	Viva	0.9114	11.5205	-18.0085	1.4173	-1.9237	1.8089	-15.2904

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B48	79	Viva	1.5977	11.5205	-18.0085	1.4173	-1.9237	0.8361	-2.93
NE+4.35	B48	79	Viva	2.2841	11.5205	-18.0085	1.4173	-1.9237	-0.1367	9.4304
NE+4.35	B48	79	Viva	2.665	11.5205	-18.0085	1.4173	-1.9237	-0.6765	16.29
NE+4.35	B48	79	Viva	2.665	-23.1931	-0.0473	-0.0123	0.0283	-2.4589	15.1482
NE+4.35	B48	79	Viva	2.9705	-23.1931	-0.0473	-0.0123	0.0283	-2.4551	15.1627
NE+4.35	B48	79	Viva	3.6568	-23.1931	-0.0473	-0.0123	0.0283	-2.4467	15.1952
NE+4.35	B48	79	Viva	4.3432	-23.1931	-0.0473	-0.0123	0.0283	-2.4383	15.2276
NE+4.35	B48	79	Viva	5.0295	-23.1931	-0.0473	-0.0123	0.0283	-2.4298	15.2601
NE+4.35	B48	79	Viva	5.335	-23.1931	-0.0473	-0.0123	0.0283	-2.4261	15.2746
NE+4.35	B48	79	Viva	5.335	10.3436	17.827	-1.4218	1.8759	-0.6415	16.4043
NE+4.35	B48	79	Viva	5.7159	10.3436	17.827	-1.4218	1.8759	-0.0999	9.6138
NE+4.35	B48	79	Viva	6.4023	10.3436	17.827	-1.4218	1.8759	0.8759	-2.622
NE+4.35	B48	79	Viva	7.0886	10.3436	17.827	-1.4218	1.8759	1.8518	-14.8578
NE+4.35	B48	79	Viva	7.775	10.3436	17.827	-1.4218	1.8759	2.8276	-27.0936
NE+4.35	B48	79	Psup	0.225	14.1998	-17.5054	1.2231	-3.5046	2.5784	-26.8322
NE+4.35	B48	79	Psup	0.9114	14.1998	-17.5054	1.2231	-3.5046	1.7389	-14.8171
NE+4.35	B48	79	Psup	1.5977	14.1998	-17.5054	1.2231	-3.5046	0.8994	-2.8021
NE+4.35	B48	79	Psup	2.2841	14.1998	-17.5054	1.2231	-3.5046	0.0599	9.213
NE+4.35	B48	79	Psup	2.665	14.1998	-17.5054	1.2231	-3.5046	-0.406	15.8809
NE+4.35	B48	79	Psup	2.665	-25.4907	-0.0232	-0.0071	-0.0121	-2.5067	14.7551
NE+4.35	B48	79	Psup	2.9705	-25.4907	-0.0232	-0.0071	-0.0121	-2.5045	14.7622
NE+4.35	B48	79	Psup	3.6568	-25.4907	-0.0232	-0.0071	-0.0121	-2.4997	14.7781
NE+4.35	B48	79	Psup	4.3432	-25.4907	-0.0232	-0.0071	-0.0121	-2.4948	14.7941
NE+4.35	B48	79	Psup	5.0295	-25.4907	-0.0232	-0.0071	-0.0121	-2.4899	14.81
NE+4.35	B48	79	Psup	5.335	-25.4907	-0.0232	-0.0071	-0.0121	-2.4878	14.8171
NE+4.35	B48	79	Psup	5.335	14.5597	17.3627	-1.2002	3.2775	-0.3133	15.9603
NE+4.35	B48	79	Psup	5.7159	14.5597	17.3627	-1.2002	3.2775	0.1439	9.3467
NE+4.35	B48	79	Psup	6.4023	14.5597	17.3627	-1.2002	3.2775	0.9676	-2.5704
NE+4.35	B48	79	Psup	7.0886	14.5597	17.3627	-1.2002	3.2775	1.7914	-14.4876
NE+4.35	B48	79	Psup	7.775	14.5597	17.3627	-1.2002	3.2775	2.6151	-26.4047
NE+4.35	B48	79	Viva.cub	0.225	-0.0114	0.0548	-0.009	0.0698	-0.0113	0.0773
NE+4.35	B48	79	Viva.cub	0.9114	-0.0114	0.0548	-0.009	0.0698	-0.0051	0.0397
NE+4.35	B48	79	Viva.cub	1.5977	-0.0114	0.0548	-0.009	0.0698	0.0011	0.0021
NE+4.35	B48	79	Viva.cub	2.2841	-0.0114	0.0548	-0.009	0.0698	0.0074	-0.0356
NE+4.35	B48	79	Viva.cub	2.665	-0.0114	0.0548	-0.009	0.0698	0.0108	-0.0564
NE+4.35	B48	79	Viva.cub	2.665	-0.0865	-0.0028	0.0004	0.0004	0.0053	-0.0535
NE+4.35	B48	79	Viva.cub	2.9705	-0.0865	-0.0028	0.0004	0.0004	0.0052	-0.0527
NE+4.35	B48	79	Viva.cub	3.6568	-0.0865	-0.0028	0.0004	0.0004	0.0049	-0.0507
NE+4.35	B48	79	Viva.cub	4.3432	-0.0865	-0.0028	0.0004	0.0004	0.0046	-0.0488
NE+4.35	B48	79	Viva.cub	5.0295	-0.0865	-0.0028	0.0004	0.0004	0.0043	-0.0468
NE+4.35	B48	79	Viva.cub	5.335	-0.0865	-0.0028	0.0004	0.0004	0.0042	-0.046
NE+4.35	B48	79	Viva.cub	5.335	0.0039	-0.0609	0.0098	-0.0697	0.0099	-0.0489
NE+4.35	B48	79	Viva.cub	5.7159	0.0039	-0.0609	0.0098	-0.0697	0.0062	-0.0256
NE+4.35	B48	79	Viva.cub	6.4023	0.0039	-0.0609	0.0098	-0.0697	-0.0005	0.0162
NE+4.35	B48	79	Viva.cub	7.0886	0.0039	-0.0609	0.0098	-0.0697	-0.0073	0.058

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B48	79	Viva.cub	7.775	0.0039	-0.0609	0.0098	-0.0697	-0.014	0.0998
NE+4.35	B48	79	DISX-COMB Max	0.225	96.8138	25.0038	2.9733	1.6717	13.7434	91.2245
NE+4.35	B48	79	DISX-COMB Max	0.9114	96.8138	25.0038	2.9733	1.6717	11.7055	74.0684
NE+4.35	B48	79	DISX-COMB Max	1.5977	96.8138	25.0038	2.9733	1.6717	9.6688	56.9157
NE+4.35	B48	79	DISX-COMB Max	2.2841	96.8138	25.0038	2.9733	1.6717	7.6343	39.7707
NE+4.35	B48	79	DISX-COMB Max	2.665	96.8138	25.0038	2.9733	1.6717	6.5069	30.2639
NE+4.35	B48	79	DISX-COMB Max	2.665	9.1561	25.0307	1.6331	3.5792	2.2258	33.7251
NE+4.35	B48	79	DISX-COMB Max	2.9705	9.1561	25.0307	1.6331	3.5792	1.7274	26.0825
NE+4.35	B48	79	DISX-COMB Max	3.6568	9.1561	25.0307	1.6331	3.5792	0.6098	8.9292
NE+4.35	B48	79	DISX-COMB Max	4.3432	9.1561	25.0307	1.6331	3.5792	0.5221	8.3354
NE+4.35	B48	79	DISX-COMB Max	5.0295	9.1561	25.0307	1.6331	3.5792	1.6389	25.4862
NE+4.35	B48	79	DISX-COMB Max	5.335	9.1561	25.0307	1.6331	3.5792	2.1373	33.1286
NE+4.35	B48	79	DISX-COMB Max	5.335	116.0033	25.0322	2.73	2.1218	6.3594	29.6561
NE+4.35	B48	79	DISX-COMB Max	5.7159	116.0033	25.0322	2.73	2.1218	7.3918	39.1632
NE+4.35	B48	79	DISX-COMB Max	6.4023	116.0033	25.0322	2.73	2.1218	9.2564	56.318
NE+4.35	B48	79	DISX-COMB Max	7.0886	116.0033	25.0322	2.73	2.1218	11.124	73.4852
NE+4.35	B48	79	DISX-COMB Max	7.775	116.0033	25.0322	2.73	2.1218	12.9935	90.6576
NE+4.35	B48	79	DISY-COMB Max	0.225	7.1758	20.6016	3.3565	17.406	5.0286	33.7233
NE+4.35	B48	79	DISY-COMB Max	0.9114	7.1758	20.6016	3.3565	17.406	2.7383	19.6224
NE+4.35	B48	79	DISY-COMB Max	1.5977	7.1758	20.6016	3.3565	17.406	0.5695	5.7186
NE+4.35	B48	79	DISY-COMB Max	2.2841	7.1758	20.6016	3.3565	17.406	1.9404	8.9585
NE+4.35	B48	79	DISY-COMB Max	2.665	7.1758	20.6016	3.3565	17.406	3.2023	16.7089
NE+4.35	B48	79	DISY-COMB Max	2.665	16.7511	1.2	0.2195	0.1186	1.8152	15.6296
NE+4.35	B48	79	DISY-COMB Max	2.9705	16.7511	1.2	0.2195	0.1186	1.759	15.8599
NE+4.35	B48	79	DISY-COMB Max	3.6568	16.7511	1.2	0.2195	0.1186	1.6358	16.3954
NE+4.35	B48	79	DISY-COMB Max	4.3432	16.7511	1.2	0.2195	0.1186	1.5175	16.9541
NE+4.35	B48	79	DISY-COMB Max	5.0295	16.7511	1.2	0.2195	0.1186	1.4055	17.5337
NE+4.35	B48	79	DISY-COMB Max	5.335	16.7511	1.2	0.2195	0.1186	1.358	17.7979
NE+4.35	B48	79	DISY-COMB Max	5.335	13.103	18.4662	2.8634	16.5535	3.5118	18.6397
NE+4.35	B48	79	DISY-COMB Max	5.7159	13.103	18.4662	2.8634	16.5535	2.4325	11.6772
NE+4.35	B48	79	DISY-COMB Max	6.4023	13.103	18.4662	2.8634	16.5535	0.6021	2.4096
NE+4.35	B48	79	DISY-COMB Max	7.0886	13.103	18.4662	2.8634	16.5535	1.5916	14.0193
NE+4.35	B48	79	DISY-COMB Max	7.775	13.103	18.4662	2.8634	16.5535	3.5255	26.6189
NE+4.35	B48	79	B241	0.225	26.2702	-40.7154	2.6869	-4.2142	5.4313	-56.1525
NE+4.35	B48	79	B241	0.9114	26.2702	-37.602	2.6869	-4.2142	3.5871	-29.2754
NE+4.35	B48	79	B241	1.5977	26.2702	-34.4887	2.6869	-4.2142	1.7429	-4.5351
NE+4.35	B48	79	B241	2.2841	26.2702	-31.3754	2.6869	-4.2142	-0.1014	18.0682
NE+4.35	B48	79	B241	2.665	26.2702	-29.6476	2.6869	-4.2142	-1.1248	29.6903
NE+4.35	B48	79	B241	2.665	-47.4011	-6.1041	0.0002	-0.014	-4.9998	27.4266
NE+4.35	B48	79	B241	2.9705	-47.4011	-4.7186	0.0002	-0.014	-4.9998	29.0795
NE+4.35	B48	79	B241	3.6568	-47.4011	-1.6053	0.0002	-0.014	-5	31.2498
NE+4.35	B48	79	B241	4.3432	-47.4011	1.5081	0.0002	-0.014	-5.0001	31.2831
NE+4.35	B48	79	B241	5.0295	-47.4011	4.6214	0.0002	-0.014	-5.0002	29.1796
NE+4.35	B48	79	B241	5.335	-47.4011	6.007	0.0002	-0.014	-5.0002	27.5563
NE+4.35	B48	79	B241	5.335	27.6294	29.3722	-2.6503	3.8429	-0.968	29.8584

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B48	79	B241	5.7159	27.6294	31.1	-2.6503	3.8429	0.0415	18.3412
NE+4.35	B48	79	B241	6.4023	27.6294	34.2134	-2.6503	3.8429	1.8605	-4.0732
NE+4.35	B48	79	B241	7.0886	27.6294	37.3267	-2.6503	3.8429	3.6796	-28.6245
NE+4.35	B48	79	B241	7.775	27.6294	40.4401	-2.6503	3.8429	5.4986	-55.3126
NE+4.35	B48	79	B242	0.225	40.9443	-63.6851	4.5662	-6.6551	9.1003	-92.3333
NE+4.35	B48	79	B242	0.9114	40.9443	-61.0165	4.5662	-6.6551	5.9663	-49.538
NE+4.35	B48	79	B242	1.5977	40.9443	-58.348	4.5662	-6.6551	2.8322	-8.5742
NE+4.35	B48	79	B242	2.2841	40.9443	-55.6794	4.5662	-6.6551	-0.3019	30.5579
NE+4.35	B48	79	B242	2.665	40.9443	-54.1984	4.5662	-6.6551	-2.0412	51.4846
NE+4.35	B48	79	B242	2.665	-77.7817	-5.3093	-0.0193	0.0334	-8.2171	47.7189
NE+4.35	B48	79	B242	2.9705	-77.7817	-4.1216	-0.0193	0.0334	-8.2112	49.1593
NE+4.35	B48	79	B242	3.6568	-77.7817	-1.4531	-0.0193	0.0334	-8.1979	51.0724
NE+4.35	B48	79	B242	4.3432	-77.7817	1.2155	-0.0193	0.0334	-8.1847	51.1539
NE+4.35	B48	79	B242	5.0295	-77.7817	3.8841	-0.0193	0.0334	-8.1714	49.4038
NE+4.35	B48	79	B242	5.335	-77.7817	5.0717	-0.0193	0.0334	-8.1655	48.036
NE+4.35	B48	79	B242	5.335	40.234	53.669	-4.5416	6.2605	-1.8511	51.8154
NE+4.35	B48	79	B242	5.7159	40.234	55.1499	-4.5416	6.2605	-0.1212	31.0903
NE+4.35	B48	79	B242	6.4023	40.234	57.8185	-4.5416	6.2605	2.996	-7.6784
NE+4.35	B48	79	B242	7.0886	40.234	60.4871	-4.5416	6.2605	6.1131	-48.2788
NE+4.35	B48	79	B242	7.775	40.234	63.1557	-4.5416	6.2605	9.2303	-90.7107
NE+4.35	B49	80	Pprop	0.225	3.1436	-12.5675	0.7102	-0.3478	1.2001	-12.7013
NE+4.35	B49	80	Pprop	0.8014	3.1436	-10.5507	0.7102	-0.3478	0.7907	-6.039
NE+4.35	B49	80	Pprop	1.3777	3.1436	-8.5338	0.7102	-0.3478	0.3814	-0.5392
NE+4.35	B49	80	Pprop	1.9541	3.1436	-6.517	0.7102	-0.3478	-0.028	3.7982
NE+4.35	B49	80	Pprop	2.26	3.1436	-5.4466	0.7102	-0.3478	-0.2452	5.628
NE+4.35	B49	80	Pprop	2.26	-9.3493	-3.9551	0.033	-0.0023	-1.1225	5.1803
NE+4.35	B49	80	Pprop	2.5305	-9.3493	-3.0087	0.033	-0.0023	-1.1314	6.1219
NE+4.35	B49	80	Pprop	3.1068	-9.3493	-0.9919	0.033	-0.0023	-1.1505	7.2748
NE+4.35	B49	80	Pprop	3.6832	-9.3493	1.0249	0.033	-0.0023	-1.1695	7.2653
NE+4.35	B49	80	Pprop	4.2595	-9.3493	3.0417	0.033	-0.0023	-1.1885	6.0934
NE+4.35	B49	80	Pprop	4.53	-9.3493	3.9881	0.033	-0.0023	-1.1975	5.1427
NE+4.35	B49	80	Pprop	4.53	2.4564	5.4508	-0.878	0.397	-0.3472	5.5803
NE+4.35	B49	80	Pprop	4.8359	2.4564	6.5212	-0.878	0.397	-0.0786	3.7491
NE+4.35	B49	80	Pprop	5.4123	2.4564	8.5381	-0.878	0.397	0.4275	-0.5907
NE+4.35	B49	80	Pprop	5.9886	2.4564	10.5549	-0.878	0.397	0.9335	-6.0929
NE+4.35	B49	80	Pprop	6.565	2.4564	12.5717	-0.878	0.397	1.4395	-12.7575
NE+4.35	B49	80	Viva	0.225	9.2673	-15.9752	1.0614	-2.6885	1.896	-20.4332
NE+4.35	B49	80	Viva	0.8014	9.2673	-15.9752	1.0614	-2.6885	1.2843	-11.2257
NE+4.35	B49	80	Viva	1.3777	9.2673	-15.9752	1.0614	-2.6885	0.6725	-2.0182
NE+4.35	B49	80	Viva	1.9541	9.2673	-15.9752	1.0614	-2.6885	0.0608	7.1893
NE+4.35	B49	80	Viva	2.26	9.2673	-15.9752	1.0614	-2.6885	-0.2639	12.0763
NE+4.35	B49	80	Viva	2.26	-15.0368	-0.0026	0.0359	0.0303	-1.9456	11.2803
NE+4.35	B49	80	Viva	2.5305	-15.0368	-0.0026	0.0359	0.0303	-1.9553	11.281
NE+4.35	B49	80	Viva	3.1068	-15.0368	-0.0026	0.0359	0.0303	-1.976	11.2825
NE+4.35	B49	80	Viva	3.6832	-15.0368	-0.0026	0.0359	0.0303	-1.9967	11.284

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B49	80	Viva	4.2595	-15.0368	-0.0026	0.0359	0.0303	-2.0174	11.2855
NE+4.35	B49	80	Viva	4.53	-15.0368	-0.0026	0.0359	0.0303	-2.0271	11.2863
NE+4.35	B49	80	Viva	4.53	5.7838	15.9064	-1.4156	2.8928	-0.5125	12.0206
NE+4.35	B49	80	Viva	4.8359	5.7838	15.9064	-1.4156	2.8928	-0.0794	7.1547
NE+4.35	B49	80	Viva	5.4123	5.7838	15.9064	-1.4156	2.8928	0.7365	-2.0132
NE+4.35	B49	80	Viva	5.9886	5.7838	15.9064	-1.4156	2.8928	1.5524	-11.181
NE+4.35	B49	80	Viva	6.565	5.7838	15.9064	-1.4156	2.8928	2.3683	-20.3489
NE+4.35	B49	80	Psup	0.225	7.2005	-15.9855	0.9364	-4.3228	1.8537	-20.4279
NE+4.35	B49	80	Psup	0.8014	7.2005	-15.9855	0.9364	-4.3228	1.314	-11.2144
NE+4.35	B49	80	Psup	1.3777	7.2005	-15.9855	0.9364	-4.3228	0.7743	-2.0009
NE+4.35	B49	80	Psup	1.9541	7.2005	-15.9855	0.9364	-4.3228	0.2346	7.2126
NE+4.35	B49	80	Psup	2.26	7.2005	-15.9855	0.9364	-4.3228	-0.0519	12.1027
NE+4.35	B49	80	Psup	2.26	-21.1871	-0.007	0.0506	-0.0062	-2.0816	11.2811
NE+4.35	B49	80	Psup	2.5305	-21.1871	-0.007	0.0506	-0.0062	-2.0952	11.283
NE+4.35	B49	80	Psup	3.1068	-21.1871	-0.007	0.0506	-0.0062	-2.1244	11.2871
NE+4.35	B49	80	Psup	3.6832	-21.1871	-0.007	0.0506	-0.0062	-2.1535	11.2911
NE+4.35	B49	80	Psup	4.2595	-21.1871	-0.007	0.0506	-0.0062	-2.1827	11.2952
NE+4.35	B49	80	Psup	4.53	-21.1871	-0.007	0.0506	-0.0062	-2.1964	11.2971
NE+4.35	B49	80	Psup	4.53	3.7595	15.8852	-1.3367	4.387	-0.329	12.0599
NE+4.35	B49	80	Psup	4.8359	3.7595	15.8852	-1.3367	4.387	0.08	7.2005
NE+4.35	B49	80	Psup	5.4123	3.7595	15.8852	-1.3367	4.387	0.8504	-1.9551
NE+4.35	B49	80	Psup	5.9886	3.7595	15.8852	-1.3367	4.387	1.6208	-11.1108
NE+4.35	B49	80	Psup	6.565	3.7595	15.8852	-1.3367	4.387	2.3913	-20.2665
NE+4.35	B49	80	Viva.cub	0.225	0.1907	0.0617	-0.0097	0.0847	-0.0092	0.0676
NE+4.35	B49	80	Viva.cub	0.8014	0.1907	0.0617	-0.0097	0.0847	-0.0036	0.0321
NE+4.35	B49	80	Viva.cub	1.3777	0.1907	0.0617	-0.0097	0.0847	0.002	-0.0035
NE+4.35	B49	80	Viva.cub	1.9541	0.1907	0.0617	-0.0097	0.0847	0.0076	-0.039
NE+4.35	B49	80	Viva.cub	2.26	0.1907	0.0617	-0.0097	0.0847	0.0105	-0.0579
NE+4.35	B49	80	Viva.cub	2.26	0.1607	-0.0061	0.0028	0.001	0.006	-0.0557
NE+4.35	B49	80	Viva.cub	2.5305	0.1607	-0.0061	0.0028	0.001	0.0052	-0.054
NE+4.35	B49	80	Viva.cub	3.1068	0.1607	-0.0061	0.0028	0.001	0.0036	-0.0505
NE+4.35	B49	80	Viva.cub	3.6832	0.1607	-0.0061	0.0028	0.001	0.002	-0.047
NE+4.35	B49	80	Viva.cub	4.2595	0.1607	-0.0061	0.0028	0.001	0.0004	-0.0434
NE+4.35	B49	80	Viva.cub	4.53	0.1607	-0.0061	0.0028	0.001	-0.0003	-0.0418
NE+4.35	B49	80	Viva.cub	4.53	0.2971	-0.0766	0.0122	-0.0858	0.0098	-0.043
NE+4.35	B49	80	Viva.cub	4.8359	0.2971	-0.0766	0.0122	-0.0858	0.0061	-0.0196
NE+4.35	B49	80	Viva.cub	5.4123	0.2971	-0.0766	0.0122	-0.0858	-0.001	0.0246
NE+4.35	B49	80	Viva.cub	5.9886	0.2971	-0.0766	0.0122	-0.0858	-0.008	0.0688
NE+4.35	B49	80	Viva.cub	6.565	0.2971	-0.0766	0.0122	-0.0858	-0.015	0.1129
NE+4.35	B49	80	DISX-COMB Max	0.225	100.193	37.874	3.8939	3.8694	15.3602	109.2096
NE+4.35	B49	80	DISX-COMB Max	0.8014	100.193	37.874	3.8939	3.8694	13.1266	87.4147
NE+4.35	B49	80	DISX-COMB Max	1.3777	100.193	37.874	3.8939	3.8694	10.8974	65.6427
NE+4.35	B49	80	DISX-COMB Max	1.9541	100.193	37.874	3.8939	3.8694	8.676	43.9273
NE+4.35	B49	80	DISX-COMB Max	2.26	100.193	37.874	3.8939	3.8694	7.5026	32.4638
NE+4.35	B49	80	DISX-COMB Max	2.26	8.8659	34.3459	0.9142	2.9235	1.5021	36.2064

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B49	80	DISX-COMB Max	2.5305	8.8659	34.3459	0.9142	2.9235	1.2609	26.9537
NE+4.35	B49	80	DISX-COMB Max	3.1068	8.8659	34.3459	0.9142	2.9235	0.7598	7.5393
NE+4.35	B49	80	DISX-COMB Max	3.6832	8.8659	34.3459	0.9142	2.9235	0.3463	13.0738
NE+4.35	B49	80	DISX-COMB Max	4.2595	8.8659	34.3459	0.9142	2.9235	0.4668	32.6917
NE+4.35	B49	80	DISX-COMB Max	4.53	8.8659	34.3459	0.9142	2.9235	0.6747	41.9549
NE+4.35	B49	80	DISX-COMB Max	4.53	93.1157	30.268	1.8276	6.8901	8.7071	38.6515
NE+4.35	B49	80	DISX-COMB Max	4.8359	93.1157	30.268	1.8276	6.8901	9.2068	47.7214
NE+4.35	B49	80	DISX-COMB Max	5.4123	93.1157	30.268	1.8276	6.8901	10.1653	64.9552
NE+4.35	B49	80	DISX-COMB Max	5.9886	93.1157	30.268	1.8276	6.8901	11.1409	82.2783
NE+4.35	B49	80	DISX-COMB Max	6.565	93.1157	30.268	1.8276	6.8901	12.1295	99.644
NE+4.35	B49	80	DISY-COMB Max	0.225	6.5724	22.2907	3.5879	20.5558	4.359	30.7585
NE+4.35	B49	80	DISY-COMB Max	0.8014	6.5724	22.2907	3.5879	20.5558	2.315	17.9709
NE+4.35	B49	80	DISY-COMB Max	1.3777	6.5724	22.2907	3.5879	20.5558	0.5196	5.4718
NE+4.35	B49	80	DISY-COMB Max	1.9541	6.5724	22.2907	3.5879	20.5558	1.9322	8.1881
NE+4.35	B49	80	DISY-COMB Max	2.26	6.5724	22.2907	3.5879	20.5558	3.0077	14.8608
NE+4.35	B49	80	DISY-COMB Max	2.26	15.2402	1.6684	0.2215	0.115	1.245	14.1181
NE+4.35	B49	80	DISY-COMB Max	2.5305	15.2402	1.6684	0.2215	0.115	1.1908	14.371
NE+4.35	B49	80	DISY-COMB Max	3.1068	15.2402	1.6684	0.2215	0.115	1.0774	14.9413
NE+4.35	B49	80	DISY-COMB Max	3.6832	15.2402	1.6684	0.2215	0.115	0.9675	15.5502
NE+4.35	B49	80	DISY-COMB Max	4.2595	15.2402	1.6684	0.2215	0.115	0.8626	16.1933
NE+4.35	B49	80	DISY-COMB Max	4.53	15.2402	1.6684	0.2215	0.115	0.8156	16.5057
NE+4.35	B49	80	DISY-COMB Max	4.53	11.5457	19.8359	3.0405	19.7585	3.395	17.0178
NE+4.35	B49	80	DISY-COMB Max	4.8359	11.5457	19.8359	3.0405	19.7585	2.4776	11.0566
NE+4.35	B49	80	DISY-COMB Max	5.4123	11.5457	19.8359	3.0405	19.7585	0.8295	2.6471
NE+4.35	B49	80	DISY-COMB Max	5.9886	11.5457	19.8359	3.0405	19.7585	1.1745	12.3765
NE+4.35	B49	80	DISY-COMB Max	6.565	11.5457	19.8359	3.0405	19.7585	2.8658	23.6804
NE+4.35	B49	80	B241	0.225	13.4089	-37.0131	2.1346	-6.0544	3.9586	-42.9452
NE+4.35	B49	80	B241	0.8014	13.4089	-34.3988	2.1346	-6.0544	2.7284	-22.3655
NE+4.35	B49	80	B241	1.3777	13.4089	-31.7844	2.1346	-6.0544	1.4981	-3.2928
NE+4.35	B49	80	B241	1.9541	13.4089	-29.17	2.1346	-6.0544	0.2678	14.2732
NE+4.35	B49	80	B241	2.26	13.4089	-27.7824	2.1346	-6.0544	-0.3852	22.9843
NE+4.35	B49	80	B241	2.26	-39.5843	-5.1361	0.1084	-0.011	-4.1534	21.3388
NE+4.35	B49	80	B241	2.5305	-39.5843	-3.9093	0.1084	-0.011	-4.1827	22.562
NE+4.35	B49	80	B241	3.1068	-39.5843	-1.2949	0.1084	-0.011	-4.2452	24.0618
NE+4.35	B49	80	B241	3.6832	-39.5843	1.3195	0.1084	-0.011	-4.3076	24.0547
NE+4.35	B49	80	B241	4.2595	-39.5843	3.9339	0.1084	-0.011	-4.3701	22.5407
NE+4.35	B49	80	B241	4.53	-39.5843	5.1607	0.1084	-0.011	-4.3994	21.3109
NE+4.35	B49	80	B241	4.53	8.0576	27.6578	-2.8709	6.2016	-0.8764	22.867
NE+4.35	B49	80	B241	4.8359	8.0576	29.0454	-2.8709	6.2016	0.0018	14.194
NE+4.35	B49	80	B241	5.4123	8.0576	31.6598	-2.8709	6.2016	1.6565	-3.3001
NE+4.35	B49	80	B241	5.9886	8.0576	34.2742	-2.8709	6.2016	3.3112	-22.3011
NE+4.35	B49	80	B241	6.565	8.0576	36.8885	-2.8709	6.2016	4.9659	-42.8089
NE+4.35	B49	80	B242	0.225	26.4164	-57.255	3.523	-9.4488	6.4222	-69.4695
NE+4.35	B49	80	B242	0.8014	26.4164	-55.0141	3.523	-9.4488	4.3916	-37.1156
NE+4.35	B49	80	B242	1.3777	26.4164	-52.7732	3.523	-9.4488	2.3611	-6.0532

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B49	80	B242	1.9541	26.4164	-50.5323	3.523	-9.4488	0.3306	23.7176
NE+4.35	B49	80	B242	2.26	26.4164	-49.343	3.523	-9.4488	-0.7471	38.9939
NE+4.35	B49	80	B242	2.26	-57.9079	-4.4096	0.1517	0.0395	-6.6701	36.3111
NE+4.35	B49	80	B242	2.5305	-57.9079	-3.3581	0.1517	0.0395	-6.7111	37.3615
NE+4.35	B49	80	B242	3.1068	-57.9079	-1.1172	0.1517	0.0395	-6.7985	38.6512
NE+4.35	B49	80	B242	3.6832	-57.9079	1.1237	0.1517	0.0395	-6.886	38.6493
NE+4.35	B49	80	B242	4.2595	-57.9079	3.3646	0.1517	0.0395	-6.9734	37.3558
NE+4.35	B49	80	B242	4.53	-57.9079	4.4162	0.1517	0.0395	-7.0144	36.3036
NE+4.35	B49	80	B242	4.53	16.3091	49.1186	-4.7197	9.9012	-1.5664	38.8117
NE+4.35	B49	80	B242	4.8359	16.3091	50.3079	-4.7197	9.9012	-0.1225	23.604
NE+4.35	B49	80	B242	5.4123	16.3091	52.5488	-4.7197	9.9012	2.5977	-6.0375
NE+4.35	B49	80	B242	5.9886	16.3091	54.7897	-4.7197	9.9012	5.318	-36.9705
NE+4.35	B49	80	B242	6.565	16.3091	57.0306	-4.7197	9.9012	8.0383	-69.1951
NE+4.35	B50	81	Pprop	0.225	10.0376	-14.3993	0.9892	0.0326	1.7137	-16.3364
NE+4.35	B50	81	Pprop	0.9014	10.0376	-12.0326	0.9892	0.0326	1.0447	-7.3976
NE+4.35	B50	81	Pprop	1.5777	10.0376	-9.6659	0.9892	0.0326	0.3757	-0.0596
NE+4.35	B50	81	Pprop	1.97	10.0376	-8.2932	0.9892	0.0326	-0.0124	3.4628
NE+4.35	B50	81	Pprop	1.97	-8.5946	-6.9889	-0.1094	0.6649	-1.0604	2.6801
NE+4.35	B50	81	Pprop	2.2541	-8.5946	-5.9948	-0.1094	0.6649	-1.0293	4.5244
NE+4.35	B50	81	Pprop	2.9305	-8.5946	-3.6281	-0.1094	0.6649	-0.9554	7.7787
NE+4.35	B50	81	Pprop	3.6068	-8.5946	-1.2613	-0.1094	0.6649	-0.8814	9.4322
NE+4.35	B50	81	Pprop	3.95	-8.5946	-0.0605	-0.1094	0.6649	-0.8438	9.659
NE+4.35	B50	81	Pprop	3.95	7.5437	-0.0554	-0.7785	-0.4785	-1.6377	9.3921
NE+4.35	B50	81	Pprop	4.2832	7.5437	1.1105	-0.7785	-0.4785	-1.3783	9.2164
NE+4.35	B50	81	Pprop	4.9595	7.5437	3.4772	-0.7785	-0.4785	-0.8518	7.6649
NE+4.35	B50	81	Pprop	5.6359	7.5437	5.8439	-0.7785	-0.4785	-0.3252	4.5127
NE+4.35	B50	81	Pprop	6.3123	7.5437	8.2107	-0.7785	-0.4785	0.2013	-0.2404
NE+4.35	B50	81	Pprop	6.9886	7.5437	10.5774	-0.7785	-0.4785	0.7279	-6.5941
NE+4.35	B50	81	Pprop	7.665	7.5437	12.9441	-0.7785	-0.4785	1.2544	-14.5487
NE+4.35	B50	81	Viva	0.225	17.3156	-19.424	1.3053	-1.6106	2.7138	-27.0094
NE+4.35	B50	81	Viva	0.9014	17.3156	-19.424	1.3053	-1.6106	1.8309	-13.8717
NE+4.35	B50	81	Viva	1.5777	17.3156	-19.424	1.3053	-1.6106	0.948	-0.734
NE+4.35	B50	81	Viva	1.97	17.3156	-19.424	1.3053	-1.6106	0.4359	6.8854
NE+4.35	B50	81	Viva	1.97	-19.6181	-6.0162	-0.2446	2.0764	-1.7927	5.4435
NE+4.35	B50	81	Viva	2.2541	-19.6181	-6.0162	-0.2446	2.0764	-1.7232	7.1526
NE+4.35	B50	81	Viva	2.9305	-19.6181	-6.0162	-0.2446	2.0764	-1.5578	11.2218
NE+4.35	B50	81	Viva	3.6068	-19.6181	-6.0162	-0.2446	2.0764	-1.3923	15.2909
NE+4.35	B50	81	Viva	3.95	-19.6181	-6.0162	-0.2446	2.0764	-1.3083	17.3555
NE+4.35	B50	81	Viva	3.95	6.7879	-3.2191	-1.5424	-0.2204	-3.2656	16.5334
NE+4.35	B50	81	Viva	4.2832	6.7879	-0.4704	-1.5424	-0.2204	-2.7517	17.148
NE+4.35	B50	81	Viva	4.9595	6.7879	5.1096	-1.5424	-0.2204	-1.7084	15.5791
NE+4.35	B50	81	Viva	5.6359	6.7879	10.6896	-1.5424	-0.2204	-0.6652	10.2361
NE+4.35	B50	81	Viva	6.3123	6.7879	16.2696	-1.5424	-0.2204	0.378	1.1189
NE+4.35	B50	81	Viva	6.9886	6.7879	21.8496	-1.5424	-0.2204	1.4213	-11.7723
NE+4.35	B50	81	Viva	7.665	6.7879	27.4296	-1.5424	-0.2204	2.4645	-28.4377

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B50	81	Psup	0.225	19.311	-17.263	1.1371	-3.17	2.4433	-24.2991
NE+4.35	B50	81	Psup	0.9014	19.311	-17.263	1.1371	-3.17	1.6742	-12.6231
NE+4.35	B50	81	Psup	1.5777	19.311	-17.263	1.1371	-3.17	0.9051	-0.947
NE+4.35	B50	81	Psup	1.97	19.311	-17.263	1.1371	-3.17	0.459	5.8248
NE+4.35	B50	81	Psup	1.97	-20.9069	-6.0482	-0.5948	1.4296	-1.9604	4.4831
NE+4.35	B50	81	Psup	2.2541	-20.9069	-6.0482	-0.5948	1.4296	-1.7914	6.2013
NE+4.35	B50	81	Psup	2.9305	-20.9069	-6.0482	-0.5948	1.4296	-1.3891	10.2921
NE+4.35	B50	81	Psup	3.6068	-20.9069	-6.0482	-0.5948	1.4296	-0.9868	14.3828
NE+4.35	B50	81	Psup	3.95	-20.9069	-6.0482	-0.5948	1.4296	-0.7826	16.4584
NE+4.35	B50	81	Psup	3.95	11.1678	-2.5624	-1.2783	0.4326	-2.7447	15.6486
NE+4.35	B50	81	Psup	4.2832	11.1678	-0.0687	-1.2783	0.4326	-2.3188	16.0869
NE+4.35	B50	81	Psup	4.9595	11.1678	4.9935	-1.2783	0.4326	-1.4542	14.4214
NE+4.35	B50	81	Psup	5.6359	11.1678	10.0556	-1.2783	0.4326	-0.5895	9.3321
NE+4.35	B50	81	Psup	6.3123	11.1678	15.1178	-1.2783	0.4326	0.2751	0.8189
NE+4.35	B50	81	Psup	6.9886	11.1678	20.18	-1.2783	0.4326	1.1397	-11.1182
NE+4.35	B50	81	Psup	7.665	11.1678	25.2422	-1.2783	0.4326	2.0043	-26.4791
NE+4.35	B50	81	Viva.cub	0.225	-0.3865	0.0778	-0.0128	0.0897	-0.0123	0.0872
NE+4.35	B50	81	Viva.cub	0.9014	-0.3865	0.0778	-0.0128	0.0897	-0.0037	0.0346
NE+4.35	B50	81	Viva.cub	1.5777	-0.3865	0.0778	-0.0128	0.0897	0.005	-0.018
NE+4.35	B50	81	Viva.cub	1.97	-0.3865	0.0778	-0.0128	0.0897	0.0101	-0.0485
NE+4.35	B50	81	Viva.cub	1.97	-0.478	0.0089	-0.0044	0.0005	0.0015	-0.0445
NE+4.35	B50	81	Viva.cub	2.2541	-0.478	0.0089	-0.0044	0.0005	0.0027	-0.0471
NE+4.35	B50	81	Viva.cub	2.9305	-0.478	0.0089	-0.0044	0.0005	0.0057	-0.0531
NE+4.35	B50	81	Viva.cub	3.6068	-0.478	0.0089	-0.0044	0.0005	0.0087	-0.0591
NE+4.35	B50	81	Viva.cub	3.95	-0.478	0.0089	-0.0044	0.0005	0.0102	-0.0621
NE+4.35	B50	81	Viva.cub	3.95	-0.4463	-0.0326	0.0049	-0.0468	0.0108	-0.0637
NE+4.35	B50	81	Viva.cub	4.2832	-0.4463	-0.0326	0.0049	-0.0468	0.0091	-0.0529
NE+4.35	B50	81	Viva.cub	4.9595	-0.4463	-0.0326	0.0049	-0.0468	0.0058	-0.0309
NE+4.35	B50	81	Viva.cub	5.6359	-0.4463	-0.0326	0.0049	-0.0468	0.0025	-0.0088
NE+4.35	B50	81	Viva.cub	6.3123	-0.4463	-0.0326	0.0049	-0.0468	-0.0007	0.0132
NE+4.35	B50	81	Viva.cub	6.9886	-0.4463	-0.0326	0.0049	-0.0468	-0.004	0.0352
NE+4.35	B50	81	Viva.cub	7.665	-0.4463	-0.0326	0.0049	-0.0468	-0.0073	0.0572
NE+4.35	B50	81	DISX-COMB Max	0.225	142.9643	36.5199	4.7729	9.6293	13.7283	107.1223
NE+4.35	B50	81	DISX-COMB Max	0.9014	142.9643	36.5199	4.7729	9.6293	10.5358	82.6767
NE+4.35	B50	81	DISX-COMB Max	1.5777	142.9643	36.5199	4.7729	9.6293	7.3746	58.446
NE+4.35	B50	81	DISX-COMB Max	1.97	142.9643	36.5199	4.7729	9.6293	5.5764	44.6296
NE+4.35	B50	81	DISX-COMB Max	1.97	87.7618	30.5479	5.4031	2.4319	1.2624	46.6879
NE+4.35	B50	81	DISX-COMB Max	2.2541	87.7618	30.5479	5.4031	2.4319	2.6895	38.1033
NE+4.35	B50	81	DISX-COMB Max	2.9305	87.7618	30.5479	5.4031	2.4319	6.2948	18.0299
NE+4.35	B50	81	DISX-COMB Max	3.6068	87.7618	30.5479	5.4031	2.4319	9.9361	7.2175
NE+4.35	B50	81	DISX-COMB Max	3.95	87.7618	30.5479	5.4031	2.4319	11.7867	15.4949
NE+4.35	B50	81	DISX-COMB Max	3.95	31.4219	22.798	2.6893	7.8048	5.6002	10.5901
NE+4.35	B50	81	DISX-COMB Max	4.2832	31.4219	22.798	2.6893	7.8048	6.4409	16.3574
NE+4.35	B50	81	DISX-COMB Max	4.9595	31.4219	22.798	2.6893	7.8048	8.1838	30.6261
NE+4.35	B50	81	DISX-COMB Max	5.6359	31.4219	22.798	2.6893	7.8048	9.954	45.6496

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B50	81	DISX-COMB Max	6.3123	31.4219	22.798	2.6893	7.8048	11.7391	60.8716
NE+4.35	B50	81	DISX-COMB Max	6.9886	31.4219	22.798	2.6893	7.8048	13.5332	76.1732
NE+4.35	B50	81	DISX-COMB Max	7.665	31.4219	22.798	2.6893	7.8048	15.3332	91.5145
NE+4.35	B50	81	DISY-COMB Max	0.225	6.0964	26.207	3.9563	21.8268	4.723	35.5859
NE+4.35	B50	81	DISY-COMB Max	0.9014	6.0964	26.207	3.9563	21.8268	2.064	17.9375
NE+4.35	B50	81	DISY-COMB Max	1.5777	6.0964	26.207	3.9563	21.8268	0.7309	2.3534
NE+4.35	B50	81	DISY-COMB Max	1.97	6.0964	26.207	3.9563	21.8268	2.2215	10.4904
NE+4.35	B50	81	DISY-COMB Max	1.97	28.3655	5.6064	1.2201	0.1838	0.142	9.4847
NE+4.35	B50	81	DISY-COMB Max	2.2541	28.3655	5.6064	1.2201	0.1838	0.2259	10.9673
NE+4.35	B50	81	DISY-COMB Max	2.9305	28.3655	5.6064	1.2201	0.1838	1.0448	14.5907
NE+4.35	B50	81	DISY-COMB Max	3.6068	28.3655	5.6064	1.2201	0.1838	1.8693	18.2826
NE+4.35	B50	81	DISY-COMB Max	3.95	28.3655	5.6064	1.2201	0.1838	2.2879	20.1701
NE+4.35	B50	81	DISY-COMB Max	3.95	8.113	9.5764	1.3795	10.7419	3.3077	20.2834
NE+4.35	B50	81	DISY-COMB Max	4.2832	8.113	9.5764	1.3795	10.7419	2.856	17.1158
NE+4.35	B50	81	DISY-COMB Max	4.9595	8.113	9.5764	1.3795	10.7419	1.9503	10.7275
NE+4.35	B50	81	DISY-COMB Max	5.6359	8.113	9.5764	1.3795	10.7419	1.0918	4.5953
NE+4.35	B50	81	DISY-COMB Max	6.3123	8.113	9.5764	1.3795	10.7419	0.5669	3.3255
NE+4.35	B50	81	DISY-COMB Max	6.9886	8.113	9.5764	1.3795	10.7419	1.0917	9.2145
NE+4.35	B50	81	DISY-COMB Max	7.665	8.113	9.5764	1.3795	10.7419	1.9503	15.5776
NE+4.35	B50	81	B241	0.225	38.0445	-41.0438	2.7563	-4.0669	5.3887	-52.6757
NE+4.35	B50	81	B241	0.9014	38.0445	-37.9758	2.7563	-4.0669	3.5245	-25.9527
NE+4.35	B50	81	B241	1.5777	38.0445	-34.9078	2.7563	-4.0669	1.6602	-1.3048
NE+4.35	B50	81	B241	1.97	38.0445	-33.1284	2.7563	-4.0669	0.579	12.0396
NE+4.35	B50	81	B241	1.97	-38.2426	-16.8999	-0.9129	2.7152	-3.9159	9.2856
NE+4.35	B50	81	B241	2.2541	-38.2426	-15.6113	-0.9129	2.7152	-3.6565	13.9037
NE+4.35	B50	81	B241	2.9305	-38.2426	-12.5433	-0.9129	2.7152	-3.0391	23.425
NE+4.35	B50	81	B241	3.6068	-38.2426	-9.4753	-0.9129	2.7152	-2.4217	30.8713
NE+4.35	B50	81	B241	3.95	-38.2426	-7.9186	-0.9129	2.7152	-2.1084	33.8559
NE+4.35	B50	81	B241	3.95	24.2556	-3.3934	-2.6663	-0.0595	-5.6809	32.4601
NE+4.35	B50	81	B241	4.2832	24.2556	1.3504	-2.6663	-0.0595	-4.7926	32.8005
NE+4.35	B50	81	B241	4.9595	24.2556	10.9805	-2.6663	-0.0595	-2.9892	28.6304
NE+4.35	B50	81	B241	5.6359	24.2556	20.6106	-2.6663	-0.0595	-1.1858	17.9469
NE+4.35	B50	81	B241	6.3123	24.2556	30.2406	-2.6663	-0.0595	0.6175	0.75
NE+4.35	B50	81	B241	6.9886	24.2556	39.8707	-2.6663	-0.0595	2.4209	-22.9604
NE+4.35	B50	81	B241	7.665	24.2556	49.5007	-2.6663	-0.0595	4.2243	-53.1842
NE+4.35	B50	81	B242	0.225	60.1213	-66.2198	4.4447	-6.0181	8.9548	-88.3219
NE+4.35	B50	81	B242	0.9014	60.1213	-63.5901	4.4447	-6.0181	5.9486	-44.4226
NE+4.35	B50	81	B242	1.5777	60.1213	-60.9604	4.4447	-6.0181	2.9423	-2.3019
NE+4.35	B50	81	B242	1.97	60.1213	-59.4352	4.4447	-6.0181	1.1988	21.1321
NE+4.35	B50	81	B242	1.97	-64.4075	-24.1071	-1.1761	5.6498	-6.2241	16.6464
NE+4.35	B50	81	B242	2.2541	-64.4075	-23.0025	-1.1761	5.6498	-5.89	23.3381
NE+4.35	B50	81	B242	2.9305	-64.4075	-20.3728	-1.1761	5.6498	-5.0945	38.0069
NE+4.35	B50	81	B242	3.6068	-64.4075	-17.7431	-1.1761	5.6498	-4.2991	50.897
NE+4.35	B50	81	B242	3.95	-64.4075	-16.4088	-1.1761	5.6498	-3.8955	56.7572
NE+4.35	B50	81	B242	3.95	31.428	-8.0755	-4.7508	-0.427	-10.0889	54.2445

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B50	81	B242	4.2832	31.428	0.3887	-4.7508	-0.427	-8.506	55.5251
NE+4.35	B50	81	B242	4.9595	31.428	17.571	-4.7508	-0.427	-5.2927	49.4515
NE+4.35	B50	81	B242	5.6359	31.428	34.7533	-4.7508	-0.427	-2.0795	31.7563
NE+4.35	B50	81	B242	6.3123	31.428	51.9357	-4.7508	-0.427	1.1338	2.4397
NE+4.35	B50	81	B242	6.9886	31.428	69.118	-4.7508	-0.427	4.3471	-38.4985
NE+4.35	B50	81	B242	7.665	31.428	86.3004	-4.7508	-0.427	7.5603	-91.0582
NE+4.35	B68	83	Pprop	0.268	-16.6736	-3.8797	0.3643	0.0897	0.5856	-2.7299
NE+4.35	B68	83	Pprop	0.5341	-16.3913	-2.9924	0.3643	0.0897	0.4886	-1.8156
NE+4.35	B68	83	Pprop	0.8002	-16.1089	-2.1051	0.3643	0.0897	0.3917	-1.1374
NE+4.35	B68	83	Pprop	1.0663	-15.8266	-1.2178	0.3643	0.0897	0.2948	-0.6953
NE+4.35	B68	83	Pprop	1.3324	-15.5443	-0.3305	0.3643	0.0897	0.1978	-0.4893
NE+4.35	B68	83	Pprop	1.5985	-15.262	0.5568	0.3643	0.0897	0.1009	-0.5194
NE+4.35	B68	83	Pprop	1.8646	-14.9797	1.444	0.3643	0.0897	0.0039	-0.7856
NE+4.35	B68	83	Pprop	2.1307	-14.6973	2.3313	0.3643	0.0897	-0.093	-1.2879
NE+4.35	B68	83	Pprop	2.3967	-14.415	3.2186	0.3643	0.0897	-0.1899	-2.0263
NE+4.35	B68	83	Pprop	2.6628	-14.1327	4.1059	0.3643	0.0897	-0.2869	-3.0008
NE+4.35	B68	83	Pprop	2.9289	-13.8504	4.9932	0.3643	0.0897	-0.3838	-4.2114
NE+4.35	B68	83	Pprop	3.195	-13.5681	5.8805	0.3643	0.0897	-0.4808	-5.6581
NE+4.35	B68	83	Viva	0.268	-47.0967	-7.2674	0.4739	0.41	0.7851	-1.2196
NE+4.35	B68	83	Viva	0.5341	-46.5521	-5.5559	0.4739	0.41	0.659	0.4865
NE+4.35	B68	83	Viva	0.8002	-46.0075	-3.8443	0.4739	0.41	0.5329	1.7372
NE+4.35	B68	83	Viva	1.0663	-45.4629	-2.1327	0.4739	0.41	0.4068	2.5324
NE+4.35	B68	83	Viva	1.3324	-44.9183	-0.4211	0.4739	0.41	0.2807	2.8722
NE+4.35	B68	83	Viva	1.5985	-44.3737	1.2905	0.4739	0.41	0.1545	2.7565
NE+4.35	B68	83	Viva	1.8646	-43.8291	3.0021	0.4739	0.41	0.0284	2.1854
NE+4.35	B68	83	Viva	2.1307	-43.2845	4.7137	0.4739	0.41	-0.0977	1.1588
NE+4.35	B68	83	Viva	2.3967	-42.7399	6.4252	0.4739	0.41	-0.2238	-0.3232
NE+4.35	B68	83	Viva	2.6628	-42.1953	8.1368	0.4739	0.41	-0.3499	-2.2606
NE+4.35	B68	83	Viva	2.9289	-41.6507	9.8484	0.4739	0.41	-0.476	-4.6535
NE+4.35	B68	83	Viva	3.195	-41.1061	11.56	0.4739	0.41	-0.6021	-7.5018
NE+4.35	B68	83	Psup	0.268	-10.0606	-6.3762	0.6939	0.4859	1.0437	-4.4012
NE+4.35	B68	83	Psup	0.5341	-9.4567	-4.4784	0.6939	0.4859	0.8591	-2.957
NE+4.35	B68	83	Psup	0.8002	-8.8529	-2.5806	0.6939	0.4859	0.6744	-2.0178
NE+4.35	B68	83	Psup	1.0663	-8.2491	-0.6828	0.6939	0.4859	0.4898	-1.5836
NE+4.35	B68	83	Psup	1.3324	-7.6452	1.215	0.6939	0.4859	0.3051	-1.6545
NE+4.35	B68	83	Psup	1.5985	-7.0414	3.1129	0.6939	0.4859	0.1205	-2.2303
NE+4.35	B68	83	Psup	1.8646	-6.4375	5.0107	0.6939	0.4859	-0.0641	-3.3111
NE+4.35	B68	83	Psup	2.1307	-5.8337	6.9085	0.6939	0.4859	-0.2488	-4.8969
NE+4.35	B68	83	Psup	2.3967	-5.2298	8.8063	0.6939	0.4859	-0.4334	-6.9877
NE+4.35	B68	83	Psup	2.6628	-4.626	10.7041	0.6939	0.4859	-0.6181	-9.5835
NE+4.35	B68	83	Psup	2.9289	-4.0221	12.6019	0.6939	0.4859	-0.8027	-12.6843
NE+4.35	B68	83	Psup	3.195	-3.4183	14.4997	0.6939	0.4859	-0.9874	-16.2901
NE+4.35	B68	83	Viva.cub	0.268	-0.5303	-0.5367	0.0037	-0.0032	0.0055	-0.811
NE+4.35	B68	83	Viva.cub	0.5341	-0.5303	-0.5367	0.0037	-0.0032	0.0045	-0.6682
NE+4.35	B68	83	Viva.cub	0.8002	-0.5303	-0.5367	0.0037	-0.0032	0.0035	-0.5254

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B68	83	Viva.cub	1.0663	-0.5303	-0.5367	0.0037	-0.0032	0.0025	-0.3826
NE+4.35	B68	83	Viva.cub	1.3324	-0.5303	-0.5367	0.0037	-0.0032	0.0016	-0.2398
NE+4.35	B68	83	Viva.cub	1.5985	-0.5303	-0.5367	0.0037	-0.0032	0.0006	-0.097
NE+4.35	B68	83	Viva.cub	1.8646	-0.5303	-0.5367	0.0037	-0.0032	-0.0004	0.0459
NE+4.35	B68	83	Viva.cub	2.1307	-0.5303	-0.5367	0.0037	-0.0032	-0.0014	0.1887
NE+4.35	B68	83	Viva.cub	2.3967	-0.5303	-0.5367	0.0037	-0.0032	-0.0024	0.3315
NE+4.35	B68	83	Viva.cub	2.6628	-0.5303	-0.5367	0.0037	-0.0032	-0.0033	0.4743
NE+4.35	B68	83	Viva.cub	2.9289	-0.5303	-0.5367	0.0037	-0.0032	-0.0043	0.6171
NE+4.35	B68	83	Viva.cub	3.195	-0.5303	-0.5367	0.0037	-0.0032	-0.0053	0.7599
NE+4.35	B68	83	DISX-COMB Max	0.268	77.3302	101.2975	10.6076	2.0218	22.2362	158.1059
NE+4.35	B68	83	DISX-COMB Max	0.5341	77.3302	101.2975	10.6076	2.0218	19.414	131.1541
NE+4.35	B68	83	DISX-COMB Max	0.8002	77.3302	101.2975	10.6076	2.0218	16.592	104.2036
NE+4.35	B68	83	DISX-COMB Max	1.0663	77.3302	101.2975	10.6076	2.0218	13.7703	77.2562
NE+4.35	B68	83	DISX-COMB Max	1.3324	77.3302	101.2975	10.6076	2.0218	10.9489	50.3166
NE+4.35	B68	83	DISX-COMB Max	1.5985	77.3302	101.2975	10.6076	2.0218	8.1285	23.4118
NE+4.35	B68	83	DISX-COMB Max	1.8646	77.3302	101.2975	10.6076	2.0218	5.3105	4.1919
NE+4.35	B68	83	DISX-COMB Max	2.1307	77.3302	101.2975	10.6076	2.0218	2.5029	30.6618
NE+4.35	B68	83	DISX-COMB Max	2.3967	77.3302	101.2975	10.6076	2.0218	0.5118	57.5832
NE+4.35	B68	83	DISX-COMB Max	2.6628	77.3302	101.2975	10.6076	2.0218	3.1928	84.5259
NE+4.35	B68	83	DISX-COMB Max	2.9289	77.3302	101.2975	10.6076	2.0218	6.005	111.4743
NE+4.35	B68	83	DISX-COMB Max	3.195	77.3302	101.2975	10.6076	2.0218	8.8239	138.4252
NE+4.35	B68	83	DISY-COMB Max	0.268	176.7251	158.6247	0.6599	1.6373	1.5821	244.728
NE+4.35	B68	83	DISY-COMB Max	0.5341	176.7251	158.6247	0.6599	1.6373	1.4072	202.5205
NE+4.35	B68	83	DISY-COMB Max	0.8002	176.7251	158.6247	0.6599	1.6373	1.2324	160.3139
NE+4.35	B68	83	DISY-COMB Max	1.0663	176.7251	158.6247	0.6599	1.6373	1.0579	118.1092
NE+4.35	B68	83	DISY-COMB Max	1.3324	176.7251	158.6247	0.6599	1.6373	0.8838	75.9092
NE+4.35	B68	83	DISY-COMB Max	1.5985	176.7251	158.6247	0.6599	1.6373	0.7104	33.7323
NE+4.35	B68	83	DISY-COMB Max	1.8646	176.7251	158.6247	0.6599	1.6373	0.5385	8.7605
NE+4.35	B68	83	DISY-COMB Max	2.1307	176.7251	158.6247	0.6599	1.6373	0.3701	50.7824
NE+4.35	B68	83	DISY-COMB Max	2.3967	176.7251	158.6247	0.6599	1.6373	0.2136	92.974
NE+4.35	B68	83	DISY-COMB Max	2.6628	176.7251	158.6247	0.6599	1.6373	0.1264	135.1766
NE+4.35	B68	83	DISY-COMB Max	2.9289	176.7251	158.6247	0.6599	1.6373	0.219	177.3823
NE+4.35	B68	83	DISY-COMB Max	3.195	176.7251	158.6247	0.6599	1.6373	0.3764	219.5893
NE+4.35	B68	83	B241	0.268	-34.6554	-13.2946	1.3718	0.7462	2.1121	-9.244
NE+4.35	B68	83	B241	0.5341	-33.5067	-9.6843	1.3718	0.7462	1.747	-6.1867
NE+4.35	B68	83	B241	0.8002	-32.3579	-6.074	1.3718	0.7462	1.382	-4.0901
NE+4.35	B68	83	B241	1.0663	-31.2092	-2.4637	1.3718	0.7462	1.017	-2.9542
NE+4.35	B68	83	B241	1.3324	-30.0605	1.1466	1.3718	0.7462	0.652	-2.779
NE+4.35	B68	83	B241	1.5985	-28.9117	4.7569	1.3718	0.7462	0.287	-3.5644
NE+4.35	B68	83	B241	1.8646	-27.763	8.3672	1.3718	0.7462	-0.078	-5.3105
NE+4.35	B68	83	B241	2.1307	-26.6143	11.9775	1.3718	0.7462	-0.4431	-8.0173
NE+4.35	B68	83	B241	2.3967	-25.4655	15.5878	1.3718	0.7462	-0.8081	-11.6848
NE+4.35	B68	83	B241	2.6628	-24.3168	19.1981	1.3718	0.7462	-1.1731	-16.313
NE+4.35	B68	83	B241	2.9289	-23.1681	22.8084	1.3718	0.7462	-1.5381	-21.9018
NE+4.35	B68	83	B241	3.195	-22.0193	26.4187	1.3718	0.7462	-1.9031	-28.4514

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B68	83	B242	0.268	-105.3245	-23.2916	1.9359	1.294	3.0692	-10.2803
NE+4.35	B68	83	B242	0.5341	-103.4685	-17.4586	1.9359	1.294	2.5541	-4.8586
NE+4.35	B68	83	B242	0.8002	-101.6125	-11.6255	1.9359	1.294	2.0389	-0.989
NE+4.35	B68	83	B242	1.0663	-99.7565	-5.7924	1.9359	1.294	1.5238	1.3284
NE+4.35	B68	83	B242	1.3324	-97.9005	0.0407	1.9359	1.294	1.0087	2.0936
NE+4.35	B68	83	B242	1.5985	-96.0446	5.8738	1.9359	1.294	0.4935	1.3067
NE+4.35	B68	83	B242	1.8646	-94.1886	11.7069	1.9359	1.294	-0.0216	-1.0323
NE+4.35	B68	83	B242	2.1307	-92.3326	17.5399	1.9359	1.294	-0.5367	-4.9235
NE+4.35	B68	83	B242	2.3967	-90.4766	23.373	1.9359	1.294	-1.0519	-10.3669
NE+4.35	B68	83	B242	2.6628	-88.6206	29.2061	1.9359	1.294	-1.567	-17.3624
NE+4.35	B68	83	B242	2.9289	-86.7647	35.0392	1.9359	1.294	-2.0821	-25.91
NE+4.35	B68	83	B242	3.195	-84.9087	40.8723	1.9359	1.294	-2.5973	-36.0099
NE+4.35	B69	84	Pprop	0.268	-42.1546	-4.0127	0.0115	0.0035	0.0081	-3.815
NE+4.35	B69	84	Pprop	0.536	-41.8703	-3.1191	0.0115	0.0035	0.005	-2.8594
NE+4.35	B69	84	Pprop	0.8039	-41.586	-2.2256	0.0115	0.0035	0.0019	-2.1433
NE+4.35	B69	84	Pprop	1.0719	-41.3017	-1.3321	0.0115	0.0035	-0.0012	-1.6666
NE+4.35	B69	84	Pprop	1.3399	-41.0173	-0.4385	0.0115	0.0035	-0.0042	-1.4294
NE+4.35	B69	84	Pprop	1.6078	-40.733	0.455	0.0115	0.0035	-0.0073	-1.4316
NE+4.35	B69	84	Pprop	1.8758	-40.4487	1.3485	0.0115	0.0035	-0.0104	-1.6733
NE+4.35	B69	84	Pprop	2.1438	-40.1644	2.2421	0.0115	0.0035	-0.0135	-2.1543
NE+4.35	B69	84	Pprop	2.4117	-39.8801	3.1356	0.0115	0.0035	-0.0166	-2.8749
NE+4.35	B69	84	Pprop	2.6797	-39.5958	4.0291	0.0115	0.0035	-0.0197	-3.8348
NE+4.35	B69	84	Pprop	2.9477	-39.3115	4.9227	0.0115	0.0035	-0.0228	-5.0342
NE+4.35	B69	84	Pprop	3.2156	-39.0272	5.8162	0.0115	0.0035	-0.0259	-6.4731
NE+4.35	B69	84	Viva	0.268	-82.4934	-16.5114	-0.0089	0.0235	-0.0261	-5.3555
NE+4.35	B69	84	Viva	0.536	-81.3864	-13.0322	-0.0089	0.0235	-0.0238	-1.3971
NE+4.35	B69	84	Viva	0.8039	-80.2794	-9.553	-0.0089	0.0235	-0.0214	1.629
NE+4.35	B69	84	Viva	1.0719	-79.1723	-6.0738	-0.0089	0.0235	-0.019	3.7227
NE+4.35	B69	84	Viva	1.3399	-78.0653	-2.5946	-0.0089	0.0235	-0.0166	4.8842
NE+4.35	B69	84	Viva	1.6078	-76.9583	0.8846	-0.0089	0.0235	-0.0142	5.1133
NE+4.35	B69	84	Viva	1.8758	-75.8513	4.3638	-0.0089	0.0235	-0.0118	4.4101
NE+4.35	B69	84	Viva	2.1438	-74.7443	7.843	-0.0089	0.0235	-0.0094	2.7746
NE+4.35	B69	84	Viva	2.4117	-73.6373	11.3222	-0.0089	0.0235	-0.007	0.2068
NE+4.35	B69	84	Viva	2.6797	-72.5302	14.8014	-0.0089	0.0235	-0.0046	-3.2934
NE+4.35	B69	84	Viva	2.9477	-71.4232	18.2806	-0.0089	0.0235	-0.0022	-7.7258
NE+4.35	B69	84	Viva	3.2156	-70.3162	21.7598	-0.0089	0.0235	0.0002	-13.0906
NE+4.35	B69	84	Psup	0.268	-121.3003	-13.527	0.009	0.0854	-0.0188	-7.5671
NE+4.35	B69	84	Psup	0.536	-120.1855	-10.0232	0.009	0.0854	-0.0212	-4.4117
NE+4.35	B69	84	Psup	0.8039	-119.0706	-6.5194	0.009	0.0854	-0.0236	-2.1953
NE+4.35	B69	84	Psup	1.0719	-117.9558	-3.0156	0.009	0.0854	-0.0261	-0.9178
NE+4.35	B69	84	Psup	1.3399	-116.8409	0.4883	0.009	0.0854	-0.0285	-0.5791
NE+4.35	B69	84	Psup	1.6078	-115.7261	3.9921	0.009	0.0854	-0.0309	-1.1794
NE+4.35	B69	84	Psup	1.8758	-114.6112	7.4959	0.009	0.0854	-0.0333	-2.7186
NE+4.35	B69	84	Psup	2.1438	-113.4964	10.9997	0.009	0.0854	-0.0358	-5.1968
NE+4.35	B69	84	Psup	2.4117	-112.3815	14.5035	0.009	0.0854	-0.0382	-8.6138

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B69	84	Psup	2.6797	-111.2667	18.0073	0.009	0.0854	-0.0406	-12.9697
NE+4.35	B69	84	Psup	2.9477	-110.1518	21.5111	0.009	0.0854	-0.043	-18.2646
NE+4.35	B69	84	Psup	3.2156	-109.037	25.015	0.009	0.0854	-0.0455	-24.4983
NE+4.35	B69	84	Viva.cub	0.268	-0.4628	-0.5476	-0.0009	0.0029	-0.0016	-0.8197
NE+4.35	B69	84	Viva.cub	0.536	-0.4628	-0.5476	-0.0009	0.0029	-0.0014	-0.6729
NE+4.35	B69	84	Viva.cub	0.8039	-0.4628	-0.5476	-0.0009	0.0029	-0.0011	-0.5262
NE+4.35	B69	84	Viva.cub	1.0719	-0.4628	-0.5476	-0.0009	0.0029	-0.0009	-0.3794
NE+4.35	B69	84	Viva.cub	1.3399	-0.4628	-0.5476	-0.0009	0.0029	-0.0007	-0.2327
NE+4.35	B69	84	Viva.cub	1.6078	-0.4628	-0.5476	-0.0009	0.0029	-0.0004	-0.0859
NE+4.35	B69	84	Viva.cub	1.8758	-0.4628	-0.5476	-0.0009	0.0029	-0.0002	0.0608
NE+4.35	B69	84	Viva.cub	2.1438	-0.4628	-0.5476	-0.0009	0.0029	0.0001	0.2076
NE+4.35	B69	84	Viva.cub	2.4117	-0.4628	-0.5476	-0.0009	0.0029	0.0003	0.3543
NE+4.35	B69	84	Viva.cub	2.6797	-0.4628	-0.5476	-0.0009	0.0029	0.0006	0.5011
NE+4.35	B69	84	Viva.cub	2.9477	-0.4628	-0.5476	-0.0009	0.0029	0.0008	0.6478
NE+4.35	B69	84	Viva.cub	3.2156	-0.4628	-0.5476	-0.0009	0.0029	0.001	0.7946
NE+4.35	B69	84	DISX-COMB Max	0.268	68.4596	56.6675	6.683	2.7333	14.9223	89.6395
NE+4.35	B69	84	DISX-COMB Max	0.536	68.4596	56.6675	6.683	2.7333	13.1317	74.4571
NE+4.35	B69	84	DISX-COMB Max	0.8039	68.4596	56.6675	6.683	2.7333	11.3412	59.2761
NE+4.35	B69	84	DISX-COMB Max	1.0719	68.4596	56.6675	6.683	2.7333	9.5508	44.098
NE+4.35	B69	84	DISX-COMB Max	1.3399	68.4596	56.6675	6.683	2.7333	7.7606	28.9271
NE+4.35	B69	84	DISX-COMB Max	1.6078	68.4596	56.6675	6.683	2.7333	5.9707	13.7874
NE+4.35	B69	84	DISX-COMB Max	1.8758	68.4596	56.6675	6.683	2.7333	4.1817	2.1416
NE+4.35	B69	84	DISX-COMB Max	2.1438	68.4596	56.6675	6.683	2.7333	2.3955	16.7408
NE+4.35	B69	84	DISX-COMB Max	2.4117	68.4596	56.6675	6.683	2.7333	0.6358	31.8919
NE+4.35	B69	84	DISX-COMB Max	2.6797	68.4596	56.6675	6.683	2.7333	1.2182	47.065
NE+4.35	B69	84	DISX-COMB Max	2.9477	68.4596	56.6675	6.683	2.7333	2.9964	62.2439
NE+4.35	B69	84	DISX-COMB Max	3.2156	68.4596	56.6675	6.683	2.7333	4.784	77.4252
NE+4.35	B69	84	DISY-COMB Max	0.268	197.9757	144.9395	0.4179	0.1815	1.0198	225.1906
NE+4.35	B69	84	DISY-COMB Max	0.536	197.9757	144.9395	0.4179	0.1815	0.908	186.3537
NE+4.35	B69	84	DISY-COMB Max	0.8039	197.9757	144.9395	0.4179	0.1815	0.7961	147.5179
NE+4.35	B69	84	DISY-COMB Max	1.0719	197.9757	144.9395	0.4179	0.1815	0.6844	108.6845
NE+4.35	B69	84	DISY-COMB Max	1.3399	197.9757	144.9395	0.4179	0.1815	0.5726	69.8576
NE+4.35	B69	84	DISY-COMB Max	1.6078	197.9757	144.9395	0.4179	0.1815	0.461	31.0615
NE+4.35	B69	84	DISY-COMB Max	1.8758	197.9757	144.9395	0.4179	0.1815	0.3497	8.1554
NE+4.35	B69	84	DISY-COMB Max	2.1438	197.9757	144.9395	0.4179	0.1815	0.239	46.7458
NE+4.35	B69	84	DISY-COMB Max	2.4117	197.9757	144.9395	0.4179	0.1815	0.1304	85.5617
NE+4.35	B69	84	DISY-COMB Max	2.6797	197.9757	144.9395	0.4179	0.1815	0.0443	124.3921
NE+4.35	B69	84	DISY-COMB Max	2.9477	197.9757	144.9395	0.4179	0.1815	0.1096	163.2267
NE+4.35	B69	84	DISY-COMB Max	3.2156	197.9757	144.9395	0.4179	0.1815	0.2171	202.0631
NE+4.35	B69	84	B241	0.268	-211.886	-22.7366	0.0267	0.1152	-0.0138	-14.7545
NE+4.35	B69	84	B241	0.536	-210.0723	-17.0363	0.0267	0.1152	-0.021	-9.4256
NE+4.35	B69	84	B241	0.8039	-208.2585	-11.3361	0.0267	0.1152	-0.0281	-5.6241
NE+4.35	B69	84	B241	1.0719	-206.4448	-5.6358	0.0267	0.1152	-0.0353	-3.3501
NE+4.35	B69	84	B241	1.3399	-204.6311	0.0645	0.0267	0.1152	-0.0424	-2.6037
NE+4.35	B69	84	B241	1.6078	-202.8174	5.7647	0.0267	0.1152	-0.0496	-3.3847

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B69	84	B241	1.8758	-201.0037	11.465	0.0267	0.1152	-0.0567	-5.6932
NE+4.35	B69	84	B241	2.1438	-199.1899	17.1653	0.0267	0.1152	-0.0639	-9.5292
NE+4.35	B69	84	B241	2.4117	-197.3762	22.8655	0.0267	0.1152	-0.0711	-14.8927
NE+4.35	B69	84	B241	2.6797	-195.5625	28.5658	0.0267	0.1152	-0.0782	-21.7837
NE+4.35	B69	84	B241	2.9477	-193.7488	34.2661	0.0267	0.1152	-0.0854	-30.2022
NE+4.35	B69	84	B241	3.2156	-191.935	39.9663	0.0267	0.1152	-0.0925	-40.1481
NE+4.35	B69	84	B242	0.268	-313.8374	-46.1806	0.0081	0.1378	-0.0545	-21.6253
NE+4.35	B69	84	B242	0.536	-310.5115	-35.7279	0.0081	0.1378	-0.0567	-10.6508
NE+4.35	B69	84	B242	0.8039	-307.1857	-25.2753	0.0081	0.1378	-0.0589	-2.4774
NE+4.35	B69	84	B242	1.0719	-303.8598	-14.8226	0.0081	0.1378	-0.061	2.8951
NE+4.35	B69	84	B242	1.3399	-300.534	-4.37	0.0081	0.1378	-0.0632	5.4666
NE+4.35	B69	84	B242	1.6078	-297.2081	6.0827	0.0081	0.1378	-0.0654	5.2371
NE+4.35	B69	84	B242	1.8758	-293.8823	16.5354	0.0081	0.1378	-0.0676	2.2067
NE+4.35	B69	84	B242	2.1438	-290.5565	26.988	0.0081	0.1378	-0.0698	-3.6248
NE+4.35	B69	84	B242	2.4117	-287.2306	37.4407	0.0081	0.1378	-0.0719	-12.2572
NE+4.35	B69	84	B242	2.6797	-283.9048	47.8933	0.0081	0.1378	-0.0741	-23.6906
NE+4.35	B69	84	B242	2.9477	-280.5789	58.346	0.0081	0.1378	-0.0763	-37.925
NE+4.35	B69	84	B242	3.2156	-277.2531	68.7987	0.0081	0.1378	-0.0785	-54.9604
NE+4.35	B70	85	Pprop	0.268	-34.6116	-4.1526	-0.0153	-0.0086	-0.0159	-3.9365
NE+4.35	B70	85	Pprop	0.5341	-34.3293	-3.2653	-0.0153	-0.0086	-0.0118	-2.9496
NE+4.35	B70	85	Pprop	0.8002	-34.047	-2.378	-0.0153	-0.0086	-0.0077	-2.1988
NE+4.35	B70	85	Pprop	1.0663	-33.7647	-1.4907	-0.0153	-0.0086	-0.0036	-1.684
NE+4.35	B70	85	Pprop	1.3324	-33.4824	-0.6034	-0.0153	-0.0086	0.0004	-1.4054
NE+4.35	B70	85	Pprop	1.5985	-33.2	0.2839	-0.0153	-0.0086	0.0045	-1.3629
NE+4.35	B70	85	Pprop	1.8646	-32.9177	1.1712	-0.0153	-0.0086	0.0086	-1.5565
NE+4.35	B70	85	Pprop	2.1307	-32.6354	2.0584	-0.0153	-0.0086	0.0127	-1.9862
NE+4.35	B70	85	Pprop	2.3967	-32.3531	2.9457	-0.0153	-0.0086	0.0168	-2.652
NE+4.35	B70	85	Pprop	2.6628	-32.0708	3.833	-0.0153	-0.0086	0.0208	-3.5539
NE+4.35	B70	85	Pprop	2.9289	-31.7884	4.7203	-0.0153	-0.0086	0.0249	-4.6919
NE+4.35	B70	85	Pprop	3.195	-31.5061	5.6076	-0.0153	-0.0086	0.029	-6.066
NE+4.35	B70	85	Viva	0.268	-71.0384	-16.2725	-0.0294	-0.0132	-0.0287	-5.4298
NE+4.35	B70	85	Viva	0.5341	-69.9462	-12.8398	-0.0294	-0.0132	-0.0209	-1.5565
NE+4.35	B70	85	Viva	0.8002	-68.8539	-9.4071	-0.0294	-0.0132	-0.0131	1.4034
NE+4.35	B70	85	Viva	1.0663	-67.7617	-5.9745	-0.0294	-0.0132	-0.0052	3.4499
NE+4.35	B70	85	Viva	1.3324	-66.6695	-2.5418	-0.0294	-0.0132	0.0026	4.5829
NE+4.35	B70	85	Viva	1.5985	-65.5773	0.8909	-0.0294	-0.0132	0.0104	4.8026
NE+4.35	B70	85	Viva	1.8646	-64.4851	4.3236	-0.0294	-0.0132	0.0182	4.1088
NE+4.35	B70	85	Viva	2.1307	-63.3929	7.7563	-0.0294	-0.0132	0.026	2.5016
NE+4.35	B70	85	Viva	2.3967	-62.3007	11.1889	-0.0294	-0.0132	0.0338	-0.019
NE+4.35	B70	85	Viva	2.6628	-61.2084	14.6216	-0.0294	-0.0132	0.0416	-3.453
NE+4.35	B70	85	Viva	2.9289	-60.1162	18.0543	-0.0294	-0.0132	0.0495	-7.8004
NE+4.35	B70	85	Viva	3.195	-59.024	21.487	-0.0294	-0.0132	0.0573	-13.0613
NE+4.35	B70	85	Psup	0.268	-93.4952	-13.773	-0.0413	-0.0259	-0.0414	-7.8091
NE+4.35	B70	85	Psup	0.5341	-92.3946	-10.3138	-0.0413	-0.0259	-0.0304	-4.6045
NE+4.35	B70	85	Psup	0.8002	-91.2939	-6.8546	-0.0413	-0.0259	-0.0194	-2.3203

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B70	85	Psup	1.0663	-90.1933	-3.3954	-0.0413	-0.0259	-0.0084	-0.9565
NE+4.35	B70	85	Psup	1.3324	-89.0926	0.0637	-0.0413	-0.0259	0.0026	-0.5132
NE+4.35	B70	85	Psup	1.5985	-87.992	3.5229	-0.0413	-0.0259	0.0136	-0.9904
NE+4.35	B70	85	Psup	1.8646	-86.8913	6.9821	-0.0413	-0.0259	0.0246	-2.3881
NE+4.35	B70	85	Psup	2.1307	-85.7907	10.4413	-0.0413	-0.0259	0.0356	-4.7062
NE+4.35	B70	85	Psup	2.3967	-84.69	13.9005	-0.0413	-0.0259	0.0466	-7.9448
NE+4.35	B70	85	Psup	2.6628	-83.5894	17.3597	-0.0413	-0.0259	0.0576	-12.1039
NE+4.35	B70	85	Psup	2.9289	-82.4887	20.8188	-0.0413	-0.0259	0.0686	-17.1835
NE+4.35	B70	85	Psup	3.195	-81.3881	24.278	-0.0413	-0.0259	0.0796	-23.1835
NE+4.35	B70	85	Viva.cub	0.268	-0.4632	-0.5329	-0.001	0.0017	-0.0017	-0.7984
NE+4.35	B70	85	Viva.cub	0.5341	-0.4632	-0.5329	-0.001	0.0017	-0.0014	-0.6566
NE+4.35	B70	85	Viva.cub	0.8002	-0.4632	-0.5329	-0.001	0.0017	-0.0012	-0.5148
NE+4.35	B70	85	Viva.cub	1.0663	-0.4632	-0.5329	-0.001	0.0017	-0.0009	-0.373
NE+4.35	B70	85	Viva.cub	1.3324	-0.4632	-0.5329	-0.001	0.0017	-0.0007	-0.2312
NE+4.35	B70	85	Viva.cub	1.5985	-0.4632	-0.5329	-0.001	0.0017	-0.0004	-0.0894
NE+4.35	B70	85	Viva.cub	1.8646	-0.4632	-0.5329	-0.001	0.0017	-0.0001	0.0524
NE+4.35	B70	85	Viva.cub	2.1307	-0.4632	-0.5329	-0.001	0.0017	0.0001	0.1942
NE+4.35	B70	85	Viva.cub	2.3967	-0.4632	-0.5329	-0.001	0.0017	0.0004	0.336
NE+4.35	B70	85	Viva.cub	2.6628	-0.4632	-0.5329	-0.001	0.0017	0.0006	0.4778
NE+4.35	B70	85	Viva.cub	2.9289	-0.4632	-0.5329	-0.001	0.0017	0.0009	0.6196
NE+4.35	B70	85	Viva.cub	3.195	-0.4632	-0.5329	-0.001	0.0017	0.0011	0.7614
NE+4.35	B70	85	DISX-COMB Max	0.268	16.1577	19.7948	6.2101	1.8566	14.4383	31.1502
NE+4.35	B70	85	DISX-COMB Max	0.5341	16.1577	19.7948	6.2101	1.8566	12.786	25.8842
NE+4.35	B70	85	DISX-COMB Max	0.8002	16.1577	19.7948	6.2101	1.8566	11.1338	20.6189
NE+4.35	B70	85	DISX-COMB Max	1.0663	16.1577	19.7948	6.2101	1.8566	9.4817	15.3548
NE+4.35	B70	85	DISX-COMB Max	1.3324	16.1577	19.7948	6.2101	1.8566	7.8298	10.0942
NE+4.35	B70	85	DISX-COMB Max	1.5985	16.1577	19.7948	6.2101	1.8566	6.1781	4.8479
NE+4.35	B70	85	DISX-COMB Max	1.8646	16.1577	19.7948	6.2101	1.8566	4.527	0.7757
NE+4.35	B70	85	DISX-COMB Max	2.1307	16.1577	19.7948	6.2101	1.8566	2.8774	5.761
NE+4.35	B70	85	DISX-COMB Max	2.3967	16.1577	19.7948	6.2101	1.8566	1.2356	11.0121
NE+4.35	B70	85	DISX-COMB Max	2.6628	16.1577	19.7948	6.2101	1.8566	0.4849	16.2736
NE+4.35	B70	85	DISX-COMB Max	2.9289	16.1577	19.7948	6.2101	1.8566	2.0988	21.538
NE+4.35	B70	85	DISX-COMB Max	3.195	16.1577	19.7948	6.2101	1.8566	3.7465	26.8035
NE+4.35	B70	85	DISY-COMB Max	0.268	157.5219	143.6308	0.4093	0.1908	1.0393	219.9377
NE+4.35	B70	85	DISY-COMB Max	0.5341	157.5219	143.6308	0.4093	0.1908	0.9304	181.719
NE+4.35	B70	85	DISY-COMB Max	0.8002	157.5219	143.6308	0.4093	0.1908	0.8216	143.5007
NE+4.35	B70	85	DISY-COMB Max	1.0663	157.5219	143.6308	0.4093	0.1908	0.7128	105.2832
NE+4.35	B70	85	DISY-COMB Max	1.3324	157.5219	143.6308	0.4093	0.1908	0.6041	67.0677
NE+4.35	B70	85	DISY-COMB Max	1.5985	157.5219	143.6308	0.4093	0.1908	0.4955	28.8624
NE+4.35	B70	85	DISY-COMB Max	1.8646	157.5219	143.6308	0.4093	0.1908	0.387	9.457
NE+4.35	B70	85	DISY-COMB Max	2.1307	157.5219	143.6308	0.4093	0.1908	0.2789	47.6159
NE+4.35	B70	85	DISY-COMB Max	2.3967	157.5219	143.6308	0.4093	0.1908	0.1717	85.8286
NE+4.35	B70	85	DISY-COMB Max	2.6628	157.5219	143.6308	0.4093	0.1908	0.0703	124.0454
NE+4.35	B70	85	DISY-COMB Max	2.9289	157.5219	143.6308	0.4093	0.1908	0.0641	162.2633
NE+4.35	B70	85	DISY-COMB Max	3.195	157.5219	143.6308	0.4093	0.1908	0.1643	200.4818

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B70	85	B241	0.268	-166.0644	-23.2368	-0.0735	-0.0447	-0.0743	-15.2258
NE+4.35	B70	85	B241	0.5341	-164.2717	-17.6025	-0.0735	-0.0447	-0.0547	-9.7923
NE+4.35	B70	85	B241	0.8002	-162.479	-11.9682	-0.0735	-0.0447	-0.0352	-5.858
NE+4.35	B70	85	B241	1.0663	-160.6862	-6.3339	-0.0735	-0.0447	-0.0156	-3.423
NE+4.35	B70	85	B241	1.3324	-158.8935	-0.6996	-0.0735	-0.0447	0.0039	-2.4872
NE+4.35	B70	85	B241	1.5985	-157.1008	4.9347	-0.0735	-0.0447	0.0235	-3.0506
NE+4.35	B70	85	B241	1.8646	-155.308	10.569	-0.0735	-0.0447	0.043	-5.1134
NE+4.35	B70	85	B241	2.1307	-153.5153	16.2034	-0.0735	-0.0447	0.0626	-8.6754
NE+4.35	B70	85	B241	2.3967	-151.7226	21.8377	-0.0735	-0.0447	0.0821	-13.7366
NE+4.35	B70	85	B241	2.6628	-149.9298	27.472	-0.0735	-0.0447	0.1016	-20.2971
NE+4.35	B70	85	B241	2.9289	-148.1371	33.1063	-0.0735	-0.0447	0.1212	-28.3569
NE+4.35	B70	85	B241	3.195	-146.3444	38.7406	-0.0735	-0.0447	0.1407	-37.9159
NE+4.35	B70	85	B242	0.268	-256.2339	-46.2197	-0.1104	-0.0586	-0.1104	-22.1376
NE+4.35	B70	85	B242	0.5341	-252.9498	-35.898	-0.1104	-0.0586	-0.081	-11.2121
NE+4.35	B70	85	B242	0.8002	-249.6656	-25.5763	-0.1104	-0.0586	-0.0517	-3.0331
NE+4.35	B70	85	B242	1.0663	-246.3814	-15.2546	-0.1104	-0.0586	-0.0223	2.3994
NE+4.35	B70	85	B242	1.3324	-243.0972	-4.9329	-0.1104	-0.0586	0.0071	5.0853
NE+4.35	B70	85	B242	1.5985	-239.8131	5.3888	-0.1104	-0.0586	0.0365	5.0246
NE+4.35	B70	85	B242	1.8646	-236.5289	15.7105	-0.1104	-0.0586	0.0659	2.2174
NE+4.35	B70	85	B242	2.1307	-233.2447	26.0322	-0.1104	-0.0586	0.0953	-3.3363
NE+4.35	B70	85	B242	2.3967	-229.9605	36.3538	-0.1104	-0.0586	0.1247	-11.6366
NE+4.35	B70	85	B242	2.6628	-226.6764	46.6755	-0.1104	-0.0586	0.1541	-22.6834
NE+4.35	B70	85	B242	2.9289	-223.3922	56.9972	-0.1104	-0.0586	0.1835	-36.4768
NE+4.35	B70	85	B242	3.195	-220.108	67.3189	-0.1104	-0.0586	0.2128	-53.0167
NE+4.35	B71	86	Pprop	0.268	-29.985	-4.2453	-0.0507	0.0252	-0.057	-3.9257
NE+4.35	B71	86	Pprop	0.5341	-29.7027	-3.358	-0.0507	0.0252	-0.0435	-2.9141
NE+4.35	B71	86	Pprop	0.8002	-29.4203	-2.4707	-0.0507	0.0252	-0.0301	-2.1386
NE+4.35	B71	86	Pprop	1.0663	-29.138	-1.5834	-0.0507	0.0252	-0.0166	-1.5992
NE+4.35	B71	86	Pprop	1.3324	-28.8557	-0.6961	-0.0507	0.0252	-0.0031	-1.2959
NE+4.35	B71	86	Pprop	1.5985	-28.5734	0.1911	-0.0507	0.0252	0.0104	-1.2287
NE+4.35	B71	86	Pprop	1.8646	-28.2911	1.0784	-0.0507	0.0252	0.0239	-1.3976
NE+4.35	B71	86	Pprop	2.1307	-28.0088	1.9657	-0.0507	0.0252	0.0374	-1.8027
NE+4.35	B71	86	Pprop	2.3967	-27.7264	2.853	-0.0507	0.0252	0.0509	-2.4438
NE+4.35	B71	86	Pprop	2.6628	-27.4441	3.7403	-0.0507	0.0252	0.0644	-3.321
NE+4.35	B71	86	Pprop	2.9289	-27.1618	4.6276	-0.0507	0.0252	0.0778	-4.4343
NE+4.35	B71	86	Pprop	3.195	-26.8795	5.5149	-0.0507	0.0252	0.0913	-5.7837
NE+4.35	B71	86	Viva	0.268	-57.7083	-14.8521	-0.0907	0.0149	-0.0948	-5.2329
NE+4.35	B71	86	Viva	0.5341	-56.7149	-11.7301	-0.0907	0.0149	-0.0706	-1.6962
NE+4.35	B71	86	Viva	0.8002	-55.7215	-8.608	-0.0907	0.0149	-0.0465	1.0097
NE+4.35	B71	86	Viva	1.0663	-54.7281	-5.4859	-0.0907	0.0149	-0.0224	2.8849
NE+4.35	B71	86	Viva	1.3324	-53.7348	-2.3639	-0.0907	0.0149	0.0017	3.9293
NE+4.35	B71	86	Viva	1.5985	-52.7414	0.7582	-0.0907	0.0149	0.0259	4.1429
NE+4.35	B71	86	Viva	1.8646	-51.748	3.8802	-0.0907	0.0149	0.05	3.5258
NE+4.35	B71	86	Viva	2.1307	-50.7546	7.0023	-0.0907	0.0149	0.0741	2.0779
NE+4.35	B71	86	Viva	2.3967	-49.7612	10.1243	-0.0907	0.0149	0.0983	-0.2007

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B71	86	Viva	2.6628	-48.7678	13.2464	-0.0907	0.0149	0.1224	-3.3102
NE+4.35	B71	86	Viva	2.9289	-47.7745	16.3685	-0.0907	0.0149	0.1465	-7.2503
NE+4.35	B71	86	Viva	3.195	-46.7811	19.4905	-0.0907	0.0149	0.1706	-12.0213
NE+4.35	B71	86	Psup	0.268	-77.4195	-12.7225	-0.1113	0.0194	-0.1228	-7.3806
NE+4.35	B71	86	Psup	0.5341	-76.4085	-9.5451	-0.1113	0.0194	-0.0932	-4.4179
NE+4.35	B71	86	Psup	0.8002	-75.3976	-6.3677	-0.1113	0.0194	-0.0636	-2.3008
NE+4.35	B71	86	Psup	1.0663	-74.3866	-3.1903	-0.1113	0.0194	-0.0339	-1.0291
NE+4.35	B71	86	Psup	1.3324	-73.3756	-0.0129	-0.1113	0.0194	-0.0043	-0.6029
NE+4.35	B71	86	Psup	1.5985	-72.3646	3.1645	-0.1113	0.0194	0.0253	-1.0223
NE+4.35	B71	86	Psup	1.8646	-71.3536	6.3418	-0.1113	0.0194	0.0549	-2.287
NE+4.35	B71	86	Psup	2.1307	-70.3426	9.5192	-0.1113	0.0194	0.0846	-4.3973
NE+4.35	B71	86	Psup	2.3967	-69.3316	12.6966	-0.1113	0.0194	0.1142	-7.3531
NE+4.35	B71	86	Psup	2.6628	-68.3207	15.874	-0.1113	0.0194	0.1438	-11.1543
NE+4.35	B71	86	Psup	2.9289	-67.3097	19.0514	-0.1113	0.0194	0.1734	-15.801
NE+4.35	B71	86	Psup	3.195	-66.2987	22.2288	-0.1113	0.0194	0.2031	-21.2932
NE+4.35	B71	86	Viva.cub	0.268	-0.4405	-0.5259	-0.0008	0.0012	-0.0013	-0.7889
NE+4.35	B71	86	Viva.cub	0.5341	-0.4405	-0.5259	-0.0008	0.0012	-0.0011	-0.649
NE+4.35	B71	86	Viva.cub	0.8002	-0.4405	-0.5259	-0.0008	0.0012	-0.0008	-0.5091
NE+4.35	B71	86	Viva.cub	1.0663	-0.4405	-0.5259	-0.0008	0.0012	-0.0006	-0.3691
NE+4.35	B71	86	Viva.cub	1.3324	-0.4405	-0.5259	-0.0008	0.0012	-0.0004	-0.2292
NE+4.35	B71	86	Viva.cub	1.5985	-0.4405	-0.5259	-0.0008	0.0012	-0.0002	-0.0893
NE+4.35	B71	86	Viva.cub	1.8646	-0.4405	-0.5259	-0.0008	0.0012	7.222E-06	0.0507
NE+4.35	B71	86	Viva.cub	2.1307	-0.4405	-0.5259	-0.0008	0.0012	0.0002	0.1906
NE+4.35	B71	86	Viva.cub	2.3967	-0.4405	-0.5259	-0.0008	0.0012	0.0004	0.3305
NE+4.35	B71	86	Viva.cub	2.6628	-0.4405	-0.5259	-0.0008	0.0012	0.0006	0.4704
NE+4.35	B71	86	Viva.cub	2.9289	-0.4405	-0.5259	-0.0008	0.0012	0.0009	0.6104
NE+4.35	B71	86	Viva.cub	3.195	-0.4405	-0.5259	-0.0008	0.0012	0.0011	0.7503
NE+4.35	B71	86	DISX-COMB Max	0.268	24.359	20.9921	6.3745	1.5979	14.4215	32.0801
NE+4.35	B71	86	DISX-COMB Max	0.5341	24.359	20.9921	6.3745	1.5979	12.7255	26.4945
NE+4.35	B71	86	DISX-COMB Max	0.8002	24.359	20.9921	6.3745	1.5979	11.0295	20.9091
NE+4.35	B71	86	DISX-COMB Max	1.0663	24.359	20.9921	6.3745	1.5979	9.3336	15.324
NE+4.35	B71	86	DISX-COMB Max	1.3324	24.359	20.9921	6.3745	1.5979	7.6379	9.7399
NE+4.35	B71	86	DISX-COMB Max	1.5985	24.359	20.9921	6.3745	1.5979	5.9424	4.1602
NE+4.35	B71	86	DISX-COMB Max	1.8646	24.359	20.9921	6.3745	1.5979	4.2476	1.4676
NE+4.35	B71	86	DISX-COMB Max	2.1307	24.359	20.9921	6.3745	1.5979	2.5546	7.0288
NE+4.35	B71	86	DISX-COMB Max	2.3967	24.359	20.9921	6.3745	1.5979	0.8743	12.6118
NE+4.35	B71	86	DISX-COMB Max	2.6628	24.359	20.9921	6.3745	1.5979	0.87	18.1966
NE+4.35	B71	86	DISX-COMB Max	2.9289	24.359	20.9921	6.3745	1.5979	2.5502	23.7819
NE+4.35	B71	86	DISX-COMB Max	3.195	24.359	20.9921	6.3745	1.5979	4.2432	29.3674
NE+4.35	B71	86	DISY-COMB Max	0.268	158.4442	137.7707	0.4402	0.2456	1.091	210.6141
NE+4.35	B71	86	DISY-COMB Max	0.5341	158.4442	137.7707	0.4402	0.2456	0.974	173.9544
NE+4.35	B71	86	DISY-COMB Max	0.8002	158.4442	137.7707	0.4402	0.2456	0.857	137.2948
NE+4.35	B71	86	DISY-COMB Max	1.0663	158.4442	137.7707	0.4402	0.2456	0.7401	100.6355
NE+4.35	B71	86	DISY-COMB Max	1.3324	158.4442	137.7707	0.4402	0.2456	0.6232	63.9769
NE+4.35	B71	86	DISY-COMB Max	1.5985	158.4442	137.7707	0.4402	0.2456	0.5064	27.3222

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B71	86	DISY-COMB Max	1.8646	158.4442	137.7707	0.4402	0.2456	0.3898	9.3741
NE+4.35	B71	86	DISY-COMB Max	2.1307	158.4442	137.7707	0.4402	0.2456	0.2737	46.0125
NE+4.35	B71	86	DISY-COMB Max	2.3967	158.4442	137.7707	0.4402	0.2456	0.159	82.6701
NE+4.35	B71	86	DISY-COMB Max	2.6628	158.4442	137.7707	0.4402	0.2456	0.0558	119.3291
NE+4.35	B71	86	DISY-COMB Max	2.9289	158.4442	137.7707	0.4402	0.2456	0.0915	155.9886
NE+4.35	B71	86	DISY-COMB Max	3.195	158.4442	137.7707	0.4402	0.2456	0.2027	192.6483
NE+4.35	B71	86	B241	0.268	-139.2281	-21.9952	-0.21	0.0578	-0.2331	-14.6563
NE+4.35	B71	86	B241	0.5341	-137.5516	-16.7262	-0.21	0.0578	-0.1772	-9.5045
NE+4.35	B71	86	B241	0.8002	-135.8751	-11.4572	-0.21	0.0578	-0.1214	-5.7548
NE+4.35	B71	86	B241	1.0663	-134.1985	-6.1882	-0.21	0.0578	-0.0655	-3.4071
NE+4.35	B71	86	B241	1.3324	-132.522	-0.9192	-0.21	0.0578	-0.0096	-2.4615
NE+4.35	B71	86	B241	1.5985	-130.8455	4.3498	-0.21	0.0578	0.0463	-2.9179
NE+4.35	B71	86	B241	1.8646	-129.169	9.6189	-0.21	0.0578	0.1022	-4.7764
NE+4.35	B71	86	B241	2.1307	-127.4925	14.8879	-0.21	0.0578	0.1581	-8.037
NE+4.35	B71	86	B241	2.3967	-125.816	20.1569	-0.21	0.0578	0.214	-12.6996
NE+4.35	B71	86	B241	2.6628	-124.1395	25.4259	-0.21	0.0578	0.2699	-18.7643
NE+4.35	B71	86	B241	2.9289	-122.463	30.6949	-0.21	0.0578	0.3257	-26.231
NE+4.35	B71	86	B241	3.195	-120.7865	35.964	-0.21	0.0578	0.3816	-35.0998
NE+4.35	B71	86	B242	0.268	-211.8918	-42.8794	-0.3255	0.074	-0.3521	-21.3296
NE+4.35	B71	86	B242	0.5341	-208.8654	-33.3678	-0.3255	0.074	-0.2655	-11.1851
NE+4.35	B71	86	B242	0.8002	-205.839	-23.8562	-0.3255	0.074	-0.1789	-3.5716
NE+4.35	B71	86	B242	1.0663	-202.8126	-14.3446	-0.3255	0.074	-0.0922	1.5109
NE+4.35	B71	86	B242	1.3324	-199.7862	-4.833	-0.3255	0.074	-0.0056	4.0624
NE+4.35	B71	86	B242	1.5985	-196.7598	4.6786	-0.3255	0.074	0.081	4.0829
NE+4.35	B71	86	B242	1.8646	-193.7333	14.1902	-0.3255	0.074	0.1676	1.5725
NE+4.35	B71	86	B242	2.1307	-190.7069	23.7018	-0.3255	0.074	0.2542	-3.4689
NE+4.35	B71	86	B242	2.3967	-187.6805	33.2134	-0.3255	0.074	0.3408	-11.0413
NE+4.35	B71	86	B242	2.6628	-184.6541	42.725	-0.3255	0.074	0.4275	-21.1447
NE+4.35	B71	86	B242	2.9289	-181.6277	52.2366	-0.3255	0.074	0.5141	-33.7791
NE+4.35	B71	86	B242	3.195	-178.6013	61.7482	-0.3255	0.074	0.6007	-48.9444
NE+4.35	B72	87	Pprop	0.268	-33.9749	-4.0638	0.0142	-0.0229	0.0478	-3.6907
NE+4.35	B72	87	Pprop	0.5341	-33.6926	-3.1765	0.0142	-0.0229	0.044	-2.7275
NE+4.35	B72	87	Pprop	0.8002	-33.4103	-2.2892	0.0142	-0.0229	0.0402	-2.0003
NE+4.35	B72	87	Pprop	1.0663	-33.128	-1.4019	0.0142	-0.0229	0.0364	-1.5092
NE+4.35	B72	87	Pprop	1.3324	-32.8456	-0.5146	0.0142	-0.0229	0.0326	-1.2542
NE+4.35	B72	87	Pprop	1.5985	-32.5633	0.3727	0.0142	-0.0229	0.0289	-1.2353
NE+4.35	B72	87	Pprop	1.8646	-32.281	1.2599	0.0142	-0.0229	0.0251	-1.4525
NE+4.35	B72	87	Pprop	2.1307	-31.9987	2.1472	0.0142	-0.0229	0.0213	-1.9058
NE+4.35	B72	87	Pprop	2.3967	-31.7164	3.0345	0.0142	-0.0229	0.0175	-2.5952
NE+4.35	B72	87	Pprop	2.6628	-31.434	3.9218	0.0142	-0.0229	0.0137	-3.5208
NE+4.35	B72	87	Pprop	2.9289	-31.1517	4.8091	0.0142	-0.0229	0.0099	-4.6824
NE+4.35	B72	87	Pprop	3.195	-30.8694	5.6964	0.0142	-0.0229	0.0061	-6.0801
NE+4.35	B72	87	Viva	0.268	-63.7143	-12.1696	0.0425	-0.0192	0.1079	-4.4274
NE+4.35	B72	87	Viva	0.5341	-62.8611	-9.4882	0.0425	-0.0192	0.0966	-1.5459
NE+4.35	B72	87	Viva	0.8002	-62.0079	-6.8067	0.0425	-0.0192	0.0853	0.6221

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B72	87	Viva	1.0663	-61.1547	-4.1252	0.0425	-0.0192	0.074	2.0765
NE+4.35	B72	87	Viva	1.3324	-60.3015	-1.4437	0.0425	-0.0192	0.0627	2.8175
NE+4.35	B72	87	Viva	1.5985	-59.4483	1.2378	0.0425	-0.0192	0.0513	2.8449
NE+4.35	B72	87	Viva	1.8646	-58.5951	3.9193	0.0425	-0.0192	0.04	2.1587
NE+4.35	B72	87	Viva	2.1307	-57.7419	6.6007	0.0425	-0.0192	0.0287	0.7591
NE+4.35	B72	87	Viva	2.3967	-56.8887	9.2822	0.0425	-0.0192	0.0174	-1.3541
NE+4.35	B72	87	Viva	2.6628	-56.0355	11.9637	0.0425	-0.0192	0.0061	-4.1808
NE+4.35	B72	87	Viva	2.9289	-55.1823	14.6452	0.0425	-0.0192	-0.0052	-7.721
NE+4.35	B72	87	Viva	3.195	-54.3291	17.3267	0.0425	-0.0192	-0.0165	-11.9748
NE+4.35	B72	87	Psup	0.268	-84.4306	-10.4148	0.0344	-0.0155	0.1061	-6.4694
NE+4.35	B72	87	Psup	0.5341	-83.5468	-7.6371	0.0344	-0.0155	0.0969	-4.0677
NE+4.35	B72	87	Psup	0.8002	-82.6629	-4.8594	0.0344	-0.0155	0.0878	-2.405
NE+4.35	B72	87	Psup	1.0663	-81.7791	-2.0817	0.0344	-0.0155	0.0786	-1.4815
NE+4.35	B72	87	Psup	1.3324	-80.8953	0.696	0.0344	-0.0155	0.0695	-1.2972
NE+4.35	B72	87	Psup	1.5985	-80.0115	3.4737	0.0344	-0.0155	0.0603	-1.8519
NE+4.35	B72	87	Psup	1.8646	-79.1277	6.2514	0.0344	-0.0155	0.0512	-3.1458
NE+4.35	B72	87	Psup	2.1307	-78.2439	9.0291	0.0344	-0.0155	0.042	-5.1788
NE+4.35	B72	87	Psup	2.3967	-77.3601	11.8068	0.0344	-0.0155	0.0329	-7.951
NE+4.35	B72	87	Psup	2.6628	-76.4763	14.5845	0.0344	-0.0155	0.0237	-11.4623
NE+4.35	B72	87	Psup	2.9289	-75.5924	17.3622	0.0344	-0.0155	0.0146	-15.7127
NE+4.35	B72	87	Psup	3.195	-74.7086	20.1399	0.0344	-0.0155	0.0054	-20.7022
NE+4.35	B72	87	Viva.cub	0.268	-0.5199	-0.5279	-0.0025	0.0046	-0.0037	-0.7905
NE+4.35	B72	87	Viva.cub	0.5341	-0.5199	-0.5279	-0.0025	0.0046	-0.003	-0.65
NE+4.35	B72	87	Viva.cub	0.8002	-0.5199	-0.5279	-0.0025	0.0046	-0.0024	-0.5095
NE+4.35	B72	87	Viva.cub	1.0663	-0.5199	-0.5279	-0.0025	0.0046	-0.0017	-0.369
NE+4.35	B72	87	Viva.cub	1.3324	-0.5199	-0.5279	-0.0025	0.0046	-0.0011	-0.2286
NE+4.35	B72	87	Viva.cub	1.5985	-0.5199	-0.5279	-0.0025	0.0046	-0.0004	-0.0881
NE+4.35	B72	87	Viva.cub	1.8646	-0.5199	-0.5279	-0.0025	0.0046	0.0002	0.0524
NE+4.35	B72	87	Viva.cub	2.1307	-0.5199	-0.5279	-0.0025	0.0046	0.0009	0.1929
NE+4.35	B72	87	Viva.cub	2.3967	-0.5199	-0.5279	-0.0025	0.0046	0.0016	0.3334
NE+4.35	B72	87	Viva.cub	2.6628	-0.5199	-0.5279	-0.0025	0.0046	0.0022	0.4738
NE+4.35	B72	87	Viva.cub	2.9289	-0.5199	-0.5279	-0.0025	0.0046	0.0029	0.6143
NE+4.35	B72	87	Viva.cub	3.195	-0.5199	-0.5279	-0.0025	0.0046	0.0035	0.7548
NE+4.35	B72	87	DISX-COMB Max	0.268	71.8358	51.8991	7.2037	1.6605	15.0783	80.154
NE+4.35	B72	87	DISX-COMB Max	0.5341	71.8358	51.8991	7.2037	1.6605	13.1617	66.3461
NE+4.35	B72	87	DISX-COMB Max	0.8002	71.8358	51.8991	7.2037	1.6605	11.2451	52.5393
NE+4.35	B72	87	DISX-COMB Max	1.0663	71.8358	51.8991	7.2037	1.6605	9.3286	38.7349
NE+4.35	B72	87	DISX-COMB Max	1.3324	71.8358	51.8991	7.2037	1.6605	7.4123	24.9367
NE+4.35	B72	87	DISX-COMB Max	1.5985	71.8358	51.8991	7.2037	1.6605	5.4963	11.1679
NE+4.35	B72	87	DISX-COMB Max	1.8646	71.8358	51.8991	7.2037	1.6605	3.5814	3.0065
NE+4.35	B72	87	DISX-COMB Max	2.1307	71.8358	51.8991	7.2037	1.6605	1.6709	16.5769
NE+4.35	B72	87	DISX-COMB Max	2.3967	71.8358	51.8991	7.2037	1.6605	0.3257	30.3641
NE+4.35	B72	87	DISX-COMB Max	2.6628	71.8358	51.8991	7.2037	1.6605	2.1838	44.1657
NE+4.35	B72	87	DISX-COMB Max	2.9289	71.8358	51.8991	7.2037	1.6605	4.0964	57.9712
NE+4.35	B72	87	DISX-COMB Max	3.195	71.8358	51.8991	7.2037	1.6605	6.0117	71.7786

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B72	87	DISY-COMB Max	0.268	161.5405	132.5739	0.4778	0.3318	1.1078	202.2584
NE+4.35	B72	87	DISY-COMB Max	0.5341	161.5405	132.5739	0.4778	0.3318	0.9808	166.9813
NE+4.35	B72	87	DISY-COMB Max	0.8002	161.5405	132.5739	0.4778	0.3318	0.8539	131.7042
NE+4.35	B72	87	DISY-COMB Max	1.0663	161.5405	132.5739	0.4778	0.3318	0.727	96.4273
NE+4.35	B72	87	DISY-COMB Max	1.3324	161.5405	132.5739	0.4778	0.3318	0.6003	61.1506
NE+4.35	B72	87	DISY-COMB Max	1.5985	161.5405	132.5739	0.4778	0.3318	0.4739	25.8751
NE+4.35	B72	87	DISY-COMB Max	1.8646	161.5405	132.5739	0.4778	0.3318	0.3479	9.4129
NE+4.35	B72	87	DISY-COMB Max	2.1307	161.5405	132.5739	0.4778	0.3318	0.2231	44.6838
NE+4.35	B72	87	DISY-COMB Max	2.3967	161.5405	132.5739	0.4778	0.3318	0.1044	79.9602
NE+4.35	B72	87	DISY-COMB Max	2.6628	161.5405	132.5739	0.4778	0.3318	0.066	115.2371
NE+4.35	B72	87	DISY-COMB Max	2.9289	161.5405	132.5739	0.4778	0.3318	0.1736	150.5141
NE+4.35	B72	87	DISY-COMB Max	3.195	161.5405	132.5739	0.4778	0.3318	0.297	185.7912
NE+4.35	B72	87	B241	0.268	-153.4886	-18.7685	0.063	-0.0498	0.1995	-13.1706
NE+4.35	B72	87	B241	0.5341	-151.9769	-14.0176	0.063	-0.0498	0.1827	-8.8085
NE+4.35	B72	87	B241	0.8002	-150.4653	-9.2667	0.063	-0.0498	0.1659	-5.7106
NE+4.35	B72	87	B241	1.0663	-148.9536	-4.5158	0.063	-0.0498	0.1491	-3.8768
NE+4.35	B72	87	B241	1.3324	-147.442	0.2351	0.063	-0.0498	0.1324	-3.3073
NE+4.35	B72	87	B241	1.5985	-145.9303	4.986	0.063	-0.0498	0.1156	-4.002
NE+4.35	B72	87	B241	1.8646	-144.4187	9.7369	0.063	-0.0498	0.0988	-5.9608
NE+4.35	B72	87	B241	2.1307	-142.907	14.4878	0.063	-0.0498	0.0821	-9.1838
NE+4.35	B72	87	B241	2.3967	-141.3954	19.2387	0.063	-0.0498	0.0653	-13.671
NE+4.35	B72	87	B241	2.6628	-139.8837	23.9896	0.063	-0.0498	0.0485	-19.4225
NE+4.35	B72	87	B241	2.9289	-138.3721	28.7405	0.063	-0.0498	0.0318	-26.4381
NE+4.35	B72	87	B241	3.195	-136.8604	33.4914	0.063	-0.0498	0.015	-34.7178
NE+4.35	B72	87	B242	0.268	-233.7645	-35.8227	0.1208	-0.071	0.3417	-18.7681
NE+4.35	B72	87	B242	0.5341	-231.1036	-27.4601	0.1208	-0.071	0.3096	-10.3485
NE+4.35	B72	87	B242	0.8002	-228.4428	-19.0975	0.1208	-0.071	0.2775	-4.1542
NE+4.35	B72	87	B242	1.0663	-225.782	-10.735	0.1208	-0.071	0.2453	-0.1851
NE+4.35	B72	87	B242	1.3324	-223.1212	-2.3724	0.1208	-0.071	0.2132	1.5588
NE+4.35	B72	87	B242	1.5985	-220.4604	5.9902	0.1208	-0.071	0.181	1.0775
NE+4.35	B72	87	B242	1.8646	-217.7995	14.3528	0.1208	-0.071	0.1489	-1.6291
NE+4.35	B72	87	B242	2.1307	-215.1387	22.7153	0.1208	-0.071	0.1168	-6.5609
NE+4.35	B72	87	B242	2.3967	-212.4779	31.0779	0.1208	-0.071	0.0846	-13.7179
NE+4.35	B72	87	B242	2.6628	-209.8171	39.4405	0.1208	-0.071	0.0525	-23.1002
NE+4.35	B72	87	B242	2.9289	-207.1563	47.8031	0.1208	-0.071	0.0204	-34.7077
NE+4.35	B72	87	B242	3.195	-204.4954	56.1656	0.1208	-0.071	-0.0118	-48.5404
NE+4.35	B88	62	Pprop	0	11.9121	-7.0502	0.0696	-0.3599	0.1856	-10.5231
NE+4.35	B88	62	Pprop	0.3148	12.1348	-6.3503	0.0696	-0.3599	0.1637	-8.4137
NE+4.35	B88	62	Pprop	0.6296	12.3575	-5.6505	0.0696	-0.3599	0.1417	-6.5247
NE+4.35	B88	62	Pprop	0.9445	12.5801	-4.9506	0.0696	-0.3599	0.1198	-4.8559
NE+4.35	B88	62	Pprop	1.2593	12.8028	-4.2508	0.0696	-0.3599	0.0979	-3.4075
NE+4.35	B88	62	Pprop	1.5741	13.0255	-3.551	0.0696	-0.3599	0.076	-2.1795
NE+4.35	B88	62	Pprop	1.8889	13.2482	-2.8511	0.0696	-0.3599	0.0541	-1.1717
NE+4.35	B88	62	Pprop	2.2037	13.4708	-2.1513	0.0696	-0.3599	0.0322	-0.3843
NE+4.35	B88	62	Pprop	2.5186	13.6935	-1.4514	0.0696	-0.3599	0.0103	0.1828

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B88	62	Pprop	2.8334	13.9162	-0.7516	0.0696	-0.3599	-0.0116	0.5296
NE+4.35	B88	62	Pprop	3.1482	14.1389	-0.0518	0.0696	-0.3599	-0.0335	0.6561
NE+4.35	B88	62	Pprop	3.463	14.3615	0.6481	0.0696	-0.3599	-0.0554	0.5622
NE+4.35	B88	62	Viva	0	19.8	-27.0752	0.1199	-0.5993	0.3405	-18.001
NE+4.35	B88	62	Viva	0.3148	21.0911	-23.0177	0.1199	-0.5993	0.3028	-10.1159
NE+4.35	B88	62	Viva	0.6296	22.3821	-18.9602	0.1199	-0.5993	0.265	-3.5081
NE+4.35	B88	62	Viva	0.9445	23.6731	-14.9027	0.1199	-0.5993	0.2273	1.8222
NE+4.35	B88	62	Viva	1.2593	24.9641	-10.8452	0.1199	-0.5993	0.1896	5.8752
NE+4.35	B88	62	Viva	1.5741	26.2552	-6.7877	0.1199	-0.5993	0.1518	8.6507
NE+4.35	B88	62	Viva	1.8889	27.5462	-2.7302	0.1199	-0.5993	0.1141	10.1489
NE+4.35	B88	62	Viva	2.2037	28.8372	1.3273	0.1199	-0.5993	0.0763	10.3697
NE+4.35	B88	62	Viva	2.5186	30.1282	5.3848	0.1199	-0.5993	0.0386	9.3132
NE+4.35	B88	62	Viva	2.8334	31.4192	9.4423	0.1199	-0.5993	0.0008	6.9792
NE+4.35	B88	62	Viva	3.1482	32.7103	13.4998	0.1199	-0.5993	-0.0369	3.3679
NE+4.35	B88	62	Viva	3.463	34.0013	17.5573	0.1199	-0.5993	-0.0747	-1.5208
NE+4.35	B88	62	Psup	0	20.9784	-28.2985	0.1564	-0.5106	0.4116	-22.8052
NE+4.35	B88	62	Psup	0.3148	22.2796	-24.2093	0.1564	-0.5106	0.3623	-14.54
NE+4.35	B88	62	Psup	0.6296	23.5807	-20.12	0.1564	-0.5106	0.3131	-7.5621
NE+4.35	B88	62	Psup	0.9445	24.8818	-16.0308	0.1564	-0.5106	0.2639	-1.8716
NE+4.35	B88	62	Psup	1.2593	26.1829	-11.9416	0.1564	-0.5106	0.2146	2.5316
NE+4.35	B88	62	Psup	1.5741	27.484	-7.8524	0.1564	-0.5106	0.1654	5.6473
NE+4.35	B88	62	Psup	1.8889	28.7851	-3.7632	0.1564	-0.5106	0.1161	7.4758
NE+4.35	B88	62	Psup	2.2037	30.0862	0.326	0.1564	-0.5106	0.0669	8.0168
NE+4.35	B88	62	Psup	2.5186	31.3873	4.4152	0.1564	-0.5106	0.0177	7.2705
NE+4.35	B88	62	Psup	2.8334	32.6884	8.5044	0.1564	-0.5106	-0.0316	5.2369
NE+4.35	B88	62	Psup	3.1482	33.9896	12.5936	0.1564	-0.5106	-0.0808	1.9158
NE+4.35	B88	62	Psup	3.463	35.2907	16.6828	0.1564	-0.5106	-0.1301	-2.6926
NE+4.35	B88	62	Viva.cub	0	0.0524	-0.0584	0.0004	0.003	0.0013	-0.1319
NE+4.35	B88	62	Viva.cub	0.3148	0.0524	-0.0584	0.0004	0.003	0.0012	-0.1135
NE+4.35	B88	62	Viva.cub	0.6296	0.0524	-0.0584	0.0004	0.003	0.0011	-0.0951
NE+4.35	B88	62	Viva.cub	0.9445	0.0524	-0.0584	0.0004	0.003	0.001	-0.0767
NE+4.35	B88	62	Viva.cub	1.2593	0.0524	-0.0584	0.0004	0.003	0.0008	-0.0583
NE+4.35	B88	62	Viva.cub	1.5741	0.0524	-0.0584	0.0004	0.003	0.0007	-0.04
NE+4.35	B88	62	Viva.cub	1.8889	0.0524	-0.0584	0.0004	0.003	0.0006	-0.0216
NE+4.35	B88	62	Viva.cub	2.2037	0.0524	-0.0584	0.0004	0.003	0.0005	-0.0032
NE+4.35	B88	62	Viva.cub	2.5186	0.0524	-0.0584	0.0004	0.003	0.0004	0.0152
NE+4.35	B88	62	Viva.cub	2.8334	0.0524	-0.0584	0.0004	0.003	0.0003	0.0336
NE+4.35	B88	62	Viva.cub	3.1482	0.0524	-0.0584	0.0004	0.003	0.0001	0.052
NE+4.35	B88	62	Viva.cub	3.463	0.0524	-0.0584	0.0004	0.003	1.798E-05	0.0704
NE+4.35	B88	62	DISX-COMB Max	0	96.3208	6.9524	0.6425	0.4493	1.8761	16.8188
NE+4.35	B88	62	DISX-COMB Max	0.3148	96.3208	6.9524	0.6425	0.4493	1.6739	14.6362
NE+4.35	B88	62	DISX-COMB Max	0.6296	96.3208	6.9524	0.6425	0.4493	1.4717	12.4559
NE+4.35	B88	62	DISX-COMB Max	0.9445	96.3208	6.9524	0.6425	0.4493	1.2694	10.2791
NE+4.35	B88	62	DISX-COMB Max	1.2593	96.3208	6.9524	0.6425	0.4493	1.0673	8.1088
NE+4.35	B88	62	DISX-COMB Max	1.5741	96.3208	6.9524	0.6425	0.4493	0.8651	5.952

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B88	62	DISX-COMB Max	1.8889	96.3208	6.9524	0.6425	0.4493	0.6631	3.8315
NE+4.35	B88	62	DISX-COMB Max	2.2037	96.3208	6.9524	0.6425	0.4493	0.4612	1.8754
NE+4.35	B88	62	DISX-COMB Max	2.5186	96.3208	6.9524	0.6425	0.4493	0.2601	1.3909
NE+4.35	B88	62	DISX-COMB Max	2.8334	96.3208	6.9524	0.6425	0.4493	0.0661	3.1518
NE+4.35	B88	62	DISX-COMB Max	3.1482	96.3208	6.9524	0.6425	0.4493	0.1515	5.2454
NE+4.35	B88	62	DISX-COMB Max	3.463	96.3208	6.9524	0.6425	0.4493	0.3512	7.3943
NE+4.35	B88	62	DISX-COMB Max	0	28.9498	15.7052	0.0302	1.5694	0.1563	36.5741
NE+4.35	B88	62	DISX-COMB Max	0.3148	28.9498	15.7052	0.0302	1.5694	0.1564	31.6303
NE+4.35	B88	62	DISX-COMB Max	0.6296	28.9498	15.7052	0.0302	1.5694	0.1571	26.6867
NE+4.35	B88	62	DISX-COMB Max	0.9445	28.9498	15.7052	0.0302	1.5694	0.1583	21.7434
NE+4.35	B88	62	DISX-COMB Max	1.2593	28.9498	15.7052	0.0302	1.5694	0.1602	16.8008
NE+4.35	B88	62	DISX-COMB Max	1.5741	28.9498	15.7052	0.0302	1.5694	0.1625	11.8595
NE+4.35	B88	62	DISX-COMB Max	1.8889	28.9498	15.7052	0.0302	1.5694	0.1654	6.9226
NE+4.35	B88	62	DISX-COMB Max	2.2037	28.9498	15.7052	0.0302	1.5694	0.1688	2.0221
NE+4.35	B88	62	DISX-COMB Max	2.5186	28.9498	15.7052	0.0302	1.5694	0.1726	3.0246
NE+4.35	B88	62	DISX-COMB Max	2.8334	28.9498	15.7052	0.0302	1.5694	0.1768	7.9435
NE+4.35	B88	62	DISX-COMB Max	3.1482	28.9498	15.7052	0.0302	1.5694	0.1815	12.8819
NE+4.35	B88	62	DISX-COMB Max	3.463	28.9498	15.7052	0.0302	1.5694	0.1865	17.8236
NE+4.35	B88	62	B241	0	42.6359	-45.8223	0.293	-1.1284	0.7741	-43.2033
NE+4.35	B88	62	B241	0.3148	44.6112	-39.6143	0.293	-1.1284	0.6819	-29.7548
NE+4.35	B88	62	B241	0.6296	46.5865	-33.4062	0.293	-1.1284	0.5896	-18.2606
NE+4.35	B88	62	B241	0.9445	48.5617	-27.1982	0.293	-1.1284	0.4974	-8.7209
NE+4.35	B88	62	B241	1.2593	50.537	-20.9902	0.293	-1.1284	0.4052	-1.1355
NE+4.35	B88	62	B241	1.5741	52.5123	-14.7822	0.293	-1.1284	0.3129	4.4954
NE+4.35	B88	62	B241	1.8889	54.4876	-8.5742	0.293	-1.1284	0.2207	8.1719
NE+4.35	B88	62	B241	2.2037	56.4628	-2.3661	0.293	-1.1284	0.1285	9.894
NE+4.35	B88	62	B241	2.5186	58.4381	3.8419	0.293	-1.1284	0.0362	9.6617
NE+4.35	B88	62	B241	2.8334	60.4134	10.0499	0.293	-1.1284	-0.056	7.475
NE+4.35	B88	62	B241	3.1482	62.3887	16.2579	0.293	-1.1284	-0.1482	3.3339
NE+4.35	B88	62	B241	3.463	64.364	22.4659	0.293	-1.1284	-0.2405	-2.7616
NE+4.35	B88	62	B242	0	68.2513	-82.6257	0.4431	-1.9247	1.209	-65.8989
NE+4.35	B88	62	B242	0.3148	72.01	-70.8125	0.4431	-1.9247	1.0695	-41.7462
NE+4.35	B88	62	B242	0.6296	75.7688	-58.9994	0.4431	-1.9247	0.93	-21.3126
NE+4.35	B88	62	B242	0.9445	79.5275	-47.1862	0.4431	-1.9247	0.7905	-4.5979
NE+4.35	B88	62	B242	1.2593	83.2862	-35.3731	0.4431	-1.9247	0.651	8.3978
NE+4.35	B88	62	B242	1.5741	87.045	-23.5599	0.4431	-1.9247	0.5115	17.6744
NE+4.35	B88	62	B242	1.8889	90.8037	-11.7467	0.4431	-1.9247	0.372	23.232
NE+4.35	B88	62	B242	2.2037	94.5624	0.0664	0.4431	-1.9247	0.2325	25.0706
NE+4.35	B88	62	B242	2.5186	98.3212	11.8796	0.4431	-1.9247	0.093	23.1902
NE+4.35	B88	62	B242	2.8334	102.0799	23.6927	0.4431	-1.9247	-0.0466	17.5908
NE+4.35	B88	62	B242	3.1482	105.8386	35.5059	0.4431	-1.9247	-0.1861	8.2723
NE+4.35	B88	62	B242	3.463	109.5974	47.3191	0.4431	-1.9247	-0.3256	-4.7652
NE+4.35	B90	64	Pprop	0	11.8357	-6.9258	-0.0606	0.362	-0.1821	-10.3449
NE+4.35	B90	64	Pprop	0.3148	12.0584	-6.2259	-0.0606	0.362	-0.163	-8.2747
NE+4.35	B90	64	Pprop	0.6296	12.281	-5.5261	-0.0606	0.362	-0.1439	-6.4248

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B90	64	Pprop	0.9445	12.5037	-4.8263	-0.0606	0.362	-0.1248	-4.7952
NE+4.35	B90	64	Pprop	1.2593	12.7264	-4.1264	-0.0606	0.362	-0.1057	-3.386
NE+4.35	B90	64	Pprop	1.5741	12.9491	-3.4266	-0.0606	0.362	-0.0866	-2.1971
NE+4.35	B90	64	Pprop	1.8889	13.1717	-2.7267	-0.0606	0.362	-0.0676	-1.2285
NE+4.35	B90	64	Pprop	2.2037	13.3944	-2.0269	-0.0606	0.362	-0.0485	-0.4802
NE+4.35	B90	64	Pprop	2.5186	13.6171	-1.3271	-0.0606	0.362	-0.0294	0.0478
NE+4.35	B90	64	Pprop	2.8334	13.8398	-0.6272	-0.0606	0.362	-0.0103	0.3554
NE+4.35	B90	64	Pprop	3.1482	14.0624	0.0726	-0.0606	0.362	0.0088	0.4427
NE+4.35	B90	64	Pprop	3.463	14.2851	0.7725	-0.0606	0.362	0.0279	0.3097
NE+4.35	B90	64	Viva	0	19.0085	-26.9693	-0.1336	0.5848	-0.3865	-17.871
NE+4.35	B90	64	Viva	0.3148	20.2995	-22.9118	-0.1336	0.5848	-0.3445	-10.0193
NE+4.35	B90	64	Viva	0.6296	21.5905	-18.8543	-0.1336	0.5848	-0.3024	-3.4449
NE+4.35	B90	64	Viva	0.9445	22.8815	-14.7968	-0.1336	0.5848	-0.2604	1.8521
NE+4.35	B90	64	Viva	1.2593	24.1726	-10.7393	-0.1336	0.5848	-0.2183	5.8718
NE+4.35	B90	64	Viva	1.5741	25.4636	-6.6818	-0.1336	0.5848	-0.1762	8.614
NE+4.35	B90	64	Viva	1.8889	26.7546	-2.6243	-0.1336	0.5848	-0.1342	10.0789
NE+4.35	B90	64	Viva	2.2037	28.0456	1.4332	-0.1336	0.5848	-0.0921	10.2664
NE+4.35	B90	64	Viva	2.5186	29.3367	5.4907	-0.1336	0.5848	-0.05	9.1765
NE+4.35	B90	64	Viva	2.8334	30.6277	9.5482	-0.1336	0.5848	-0.008	6.8092
NE+4.35	B90	64	Viva	3.1482	31.9187	13.6057	-0.1336	0.5848	0.0341	3.1645
NE+4.35	B90	64	Viva	3.463	33.2097	17.6632	-0.1336	0.5848	0.0761	-1.7575
NE+4.35	B90	64	Psup	0	24.3387	-27.8688	-0.1324	0.5015	-0.4112	-22.0824
NE+4.35	B90	64	Psup	0.3148	25.6398	-23.7796	-0.1324	0.5015	-0.3695	-13.9525
NE+4.35	B90	64	Psup	0.6296	26.9409	-19.6904	-0.1324	0.5015	-0.3278	-7.1099
NE+4.35	B90	64	Psup	0.9445	28.242	-15.6012	-0.1324	0.5015	-0.2861	-1.5546
NE+4.35	B90	64	Psup	1.2593	29.5431	-11.512	-0.1324	0.5015	-0.2444	2.7132
NE+4.35	B90	64	Psup	1.5741	30.8442	-7.4228	-0.1324	0.5015	-0.2027	5.6937
NE+4.35	B90	64	Psup	1.8889	32.1453	-3.3335	-0.1324	0.5015	-0.161	7.3869
NE+4.35	B90	64	Psup	2.2037	33.4464	0.7557	-0.1324	0.5015	-0.1193	7.7927
NE+4.35	B90	64	Psup	2.5186	34.7475	4.8449	-0.1324	0.5015	-0.0776	6.9111
NE+4.35	B90	64	Psup	2.8334	36.0486	8.9341	-0.1324	0.5015	-0.0359	4.7422
NE+4.35	B90	64	Psup	3.1482	37.3498	13.0233	-0.1324	0.5015	0.0058	1.2859
NE+4.35	B90	64	Psup	3.463	38.6509	17.1125	-0.1324	0.5015	0.0475	-3.4578
NE+4.35	B90	64	Viva.cub	0	0.0665	-0.0613	0.0003	-0.0046	0.0001	-0.1376
NE+4.35	B90	64	Viva.cub	0.3148	0.0665	-0.0613	0.0003	-0.0046	-3.649E-05	-0.1183
NE+4.35	B90	64	Viva.cub	0.6296	0.0665	-0.0613	0.0003	-0.0046	-0.0001	-0.0989
NE+4.35	B90	64	Viva.cub	0.9445	0.0665	-0.0613	0.0003	-0.0046	-0.0002	-0.0796
NE+4.35	B90	64	Viva.cub	1.2593	0.0665	-0.0613	0.0003	-0.0046	-0.0003	-0.0603
NE+4.35	B90	64	Viva.cub	1.5741	0.0665	-0.0613	0.0003	-0.0046	-0.0004	-0.041
NE+4.35	B90	64	Viva.cub	1.8889	0.0665	-0.0613	0.0003	-0.0046	-0.0005	-0.0217
NE+4.35	B90	64	Viva.cub	2.2037	0.0665	-0.0613	0.0003	-0.0046	-0.0006	-0.0024
NE+4.35	B90	64	Viva.cub	2.5186	0.0665	-0.0613	0.0003	-0.0046	-0.0007	0.0169
NE+4.35	B90	64	Viva.cub	2.8334	0.0665	-0.0613	0.0003	-0.0046	-0.0008	0.0362
NE+4.35	B90	64	Viva.cub	3.1482	0.0665	-0.0613	0.0003	-0.0046	-0.0009	0.0556
NE+4.35	B90	64	Viva.cub	3.463	0.0665	-0.0613	0.0003	-0.0046	-0.001	0.0749

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B90	64	DISX-COMB Max	0	96.5117	8.6455	0.5544	1.6084	1.4109	19.2162
NE+4.35	B90	64	DISX-COMB Max	0.3148	96.5117	8.6455	0.5544	1.6084	1.2367	16.4965
NE+4.35	B90	64	DISX-COMB Max	0.6296	96.5117	8.6455	0.5544	1.6084	1.0625	13.7776
NE+4.35	B90	64	DISX-COMB Max	0.9445	96.5117	8.6455	0.5544	1.6084	0.8886	11.0602
NE+4.35	B90	64	DISX-COMB Max	1.2593	96.5117	8.6455	0.5544	1.6084	0.7148	8.3456
NE+4.35	B90	64	DISX-COMB Max	1.5741	96.5117	8.6455	0.5544	1.6084	0.5417	5.638
NE+4.35	B90	64	DISX-COMB Max	1.8889	96.5117	8.6455	0.5544	1.6084	0.3697	2.9563
NE+4.35	B90	64	DISX-COMB Max	2.2037	96.5117	8.6455	0.5544	1.6084	0.2023	0.7135
NE+4.35	B90	64	DISX-COMB Max	2.5186	96.5117	8.6455	0.5544	1.6084	0.0779	2.6635
NE+4.35	B90	64	DISX-COMB Max	2.8334	96.5117	8.6455	0.5544	1.6084	0.1792	5.3381
NE+4.35	B90	64	DISX-COMB Max	3.1482	96.5117	8.6455	0.5544	1.6084	0.3451	8.0444
NE+4.35	B90	64	DISX-COMB Max	3.463	96.5117	8.6455	0.5544	1.6084	0.5167	10.7586
NE+4.35	B90	64	B241	0	17.6752	14.9022	0.0745	1.6432	0.3847	35.3062
NE+4.35	B90	64	B241	0.3148	17.6752	14.9022	0.0745	1.6432	0.3616	30.6153
NE+4.35	B90	64	B241	0.6296	17.6752	14.9022	0.0745	1.6432	0.3385	25.9246
NE+4.35	B90	64	B241	0.9445	17.6752	14.9022	0.0745	1.6432	0.3155	21.2343
NE+4.35	B90	64	B241	1.2593	17.6752	14.9022	0.0745	1.6432	0.2925	16.5446
NE+4.35	B90	64	B241	1.5741	17.6752	14.9022	0.0745	1.6432	0.2697	11.8565
NE+4.35	B90	64	B241	1.8889	17.6752	14.9022	0.0745	1.6432	0.2469	7.1727
NE+4.35	B90	64	B241	2.2037	17.6752	14.9022	0.0745	1.6432	0.2243	2.5181
NE+4.35	B90	64	B241	2.5186	17.6752	14.9022	0.0745	1.6432	0.2018	2.2922
NE+4.35	B90	64	B241	2.8334	17.6752	14.9022	0.0745	1.6432	0.1796	6.9418
NE+4.35	B90	64	B241	3.1482	17.6752	14.9022	0.0745	1.6432	0.1578	11.6251
NE+4.35	B90	64	B241	3.463	17.6752	14.9022	0.0745	1.6432	0.1365	16.3131
NE+4.35	B90	64	B242	0	46.8927	-45.1041	-0.2503	1.1195	-0.769	-42.0354
NE+4.35	B90	64	B242	0.3148	48.8679	-38.896	-0.2503	1.1195	-0.6902	-28.813
NE+4.35	B90	64	B242	0.6296	50.8432	-32.688	-0.2503	1.1195	-0.6114	-17.5449
NE+4.35	B90	64	B242	0.9445	52.8185	-26.48	-0.2503	1.1195	-0.5327	-8.2313
NE+4.35	B90	64	B242	1.2593	54.7938	-20.272	-0.2503	1.1195	-0.4539	-0.8721
NE+4.35	B90	64	B242	1.5741	56.7691	-14.064	-0.2503	1.1195	-0.3751	4.5327
NE+4.35	B90	64	B242	1.8889	58.7443	-7.8559	-0.2503	1.1195	-0.2963	7.9832
NE+4.35	B90	64	B242	2.2037	60.7196	-1.6479	-0.2503	1.1195	-0.2175	9.4792
NE+4.35	B90	64	B242	2.5186	62.6949	4.5601	-0.2503	1.1195	-0.1387	9.0207
NE+4.35	B90	64	B242	2.8334	64.6702	10.7681	-0.2503	1.1195	-0.0599	6.6079
NE+4.35	B90	64	B242	3.1482	66.6455	16.9761	-0.2503	1.1195	0.0189	2.2407
NE+4.35	B90	64	B242	3.463	68.6207	23.1842	-0.2503	1.1195	0.0977	-4.0809
NE+4.35	B90	64	B242	0	70.6405	-81.8421	-0.4281	1.8929	-1.2776	-64.6928
NE+4.35	B90	64	B242	0.3148	74.3993	-70.029	-0.4281	1.8929	-1.1428	-40.7868
NE+4.35	B90	64	B242	0.6296	78.158	-58.2158	-0.4281	1.8929	-1.008	-20.5998
NE+4.35	B90	64	B242	0.9445	81.9167	-46.4026	-0.4281	1.8929	-0.8732	-4.1318
NE+4.35	B90	64	B242	1.2593	85.6755	-34.5895	-0.4281	1.8929	-0.7385	8.6172
NE+4.35	B90	64	B242	1.5741	89.4342	-22.7763	-0.4281	1.8929	-0.6037	17.6471
NE+4.35	B90	64	B242	1.8889	93.1929	-10.9632	-0.4281	1.8929	-0.4689	22.958
NE+4.35	B90	64	B242	2.2037	96.9517	0.85	-0.4281	1.8929	-0.3341	24.55
NE+4.35	B90	64	B242	2.5186	100.7104	12.6632	-0.4281	1.8929	-0.1993	22.4229

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B90	64	B242	2.8334	104.4691	24.4763	-0.4281	1.8929	-0.0645	16.5767
NE+4.35	B90	64	B242	3.1482	108.2279	36.2895	-0.4281	1.8929	0.0702	7.0116
NE+4.35	B90	64	B242	3.463	111.9866	48.1026	-0.4281	1.8929	0.205	-6.2726
NE+4.35	B92	102	Pprop	0	12.4386	-6.9058	0.0635	-0.3499	0.1965	-10.2661
NE+4.35	B92	102	Pprop	0.3148	12.6613	-6.206	0.0635	-0.3499	0.1765	-8.2022
NE+4.35	B92	102	Pprop	0.6296	12.884	-5.5061	0.0635	-0.3499	0.1566	-6.3586
NE+4.35	B92	102	Pprop	0.9445	13.1067	-4.8063	0.0635	-0.3499	0.1366	-4.7353
NE+4.35	B92	102	Pprop	1.2593	13.3294	-4.1064	0.0635	-0.3499	0.1166	-3.3324
NE+4.35	B92	102	Pprop	1.5741	13.552	-3.4066	0.0635	-0.3499	0.0966	-2.1497
NE+4.35	B92	102	Pprop	1.8889	13.7747	-2.7068	0.0635	-0.3499	0.0766	-1.1874
NE+4.35	B92	102	Pprop	2.2037	13.9974	-2.0069	0.0635	-0.3499	0.0566	-0.4455
NE+4.35	B92	102	Pprop	2.5186	14.2201	-1.3071	0.0635	-0.3499	0.0367	0.0762
NE+4.35	B92	102	Pprop	2.8334	14.4427	-0.6072	0.0635	-0.3499	0.0167	0.3775
NE+4.35	B92	102	Pprop	3.1482	14.6654	0.0926	0.0635	-0.3499	-0.0033	0.4585
NE+4.35	B92	102	Pprop	3.463	14.8881	0.7924	0.0635	-0.3499	-0.0233	0.3192
NE+4.35	B92	102	Viva	0	19.708	-27.4184	0.1285	-0.601	0.3884	-18.002
NE+4.35	B92	102	Viva	0.3148	21.0229	-23.2859	0.1285	-0.601	0.3479	-10.0206
NE+4.35	B92	102	Viva	0.6296	22.3378	-19.1534	0.1285	-0.601	0.3075	-3.3402
NE+4.35	B92	102	Viva	0.9445	23.6527	-15.0209	0.1285	-0.601	0.267	2.0392
NE+4.35	B92	102	Viva	1.2593	24.9676	-10.8884	0.1285	-0.601	0.2266	6.1175
NE+4.35	B92	102	Viva	1.5741	26.2825	-6.7559	0.1285	-0.601	0.1861	8.8949
NE+4.35	B92	102	Viva	1.8889	27.5973	-2.6234	0.1285	-0.601	0.1457	10.3714
NE+4.35	B92	102	Viva	2.2037	28.9122	1.5091	0.1285	-0.601	0.1052	10.5468
NE+4.35	B92	102	Viva	2.5186	30.2271	5.6416	0.1285	-0.601	0.0648	9.4212
NE+4.35	B92	102	Viva	2.8334	31.542	9.7741	0.1285	-0.601	0.0243	6.9946
NE+4.35	B92	102	Viva	3.1482	32.8569	13.9066	0.1285	-0.601	-0.0161	3.267
NE+4.35	B92	102	Viva	3.463	34.1718	18.0391	0.1285	-0.601	-0.0566	-1.7615
NE+4.35	B92	102	Psup	0	25.8163	-28.1882	0.1318	-0.4701	0.4441	-21.9742
NE+4.35	B92	102	Psup	0.3148	27.139	-24.031	0.1318	-0.4701	0.4026	-13.7544
NE+4.35	B92	102	Psup	0.6296	28.4618	-19.8737	0.1318	-0.4701	0.3611	-6.8433
NE+4.35	B92	102	Psup	0.9445	29.7846	-15.7165	0.1318	-0.4701	0.3196	-1.2411
NE+4.35	B92	102	Psup	1.2593	31.1073	-11.5592	0.1318	-0.4701	0.2781	3.0524
NE+4.35	B92	102	Psup	1.5741	32.4301	-7.402	0.1318	-0.4701	0.2366	6.0371
NE+4.35	B92	102	Psup	1.8889	33.7528	-3.2447	0.1318	-0.4701	0.1951	7.713
NE+4.35	B92	102	Psup	2.2037	35.0756	0.9125	0.1318	-0.4701	0.1536	8.0801
NE+4.35	B92	102	Psup	2.5186	36.3984	5.0697	0.1318	-0.4701	0.1121	7.1384
NE+4.35	B92	102	Psup	2.8334	37.7211	9.227	0.1318	-0.4701	0.0706	4.888
NE+4.35	B92	102	Psup	3.1482	39.0439	13.3842	0.1318	-0.4701	0.0291	1.3287
NE+4.35	B92	102	Psup	3.463	40.3666	17.5415	0.1318	-0.4701	-0.0124	-3.5393
NE+4.35	B92	102	Viva.cub	0	0.0742	-0.0574	3.761E-05	0.005	0.0007	-0.1299
NE+4.35	B92	102	Viva.cub	0.3148	0.0742	-0.0574	3.761E-05	0.005	0.0006	-0.1119
NE+4.35	B92	102	Viva.cub	0.6296	0.0742	-0.0574	3.761E-05	0.005	0.0006	-0.0938
NE+4.35	B92	102	Viva.cub	0.9445	0.0742	-0.0574	3.761E-05	0.005	0.0006	-0.0757
NE+4.35	B92	102	Viva.cub	1.2593	0.0742	-0.0574	3.761E-05	0.005	0.0006	-0.0576
NE+4.35	B92	102	Viva.cub	1.5741	0.0742	-0.0574	3.761E-05	0.005	0.0006	-0.0395

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B92	102	Viva.cub	1.8889	0.0742	-0.0574	3.761E-05	0.005	0.0006	-0.0215
NE+4.35	B92	102	Viva.cub	2.2037	0.0742	-0.0574	3.761E-05	0.005	0.0006	-0.0034
NE+4.35	B92	102	Viva.cub	2.5186	0.0742	-0.0574	3.761E-05	0.005	0.0006	0.0147
NE+4.35	B92	102	Viva.cub	2.8334	0.0742	-0.0574	3.761E-05	0.005	0.0006	0.0328
NE+4.35	B92	102	Viva.cub	3.1482	0.0742	-0.0574	3.761E-05	0.005	0.0005	0.0509
NE+4.35	B92	102	Viva.cub	3.463	0.0742	-0.0574	3.761E-05	0.005	0.0005	0.0689
NE+4.35	B92	102	DISX-COMB Max	0	75.7758	3.2784	0.5743	0.4559	1.5746	8.5136
NE+4.35	B92	102	DISX-COMB Max	0.3148	75.7758	3.2784	0.5743	0.4559	1.3938	7.5142
NE+4.35	B92	102	DISX-COMB Max	0.6296	75.7758	3.2784	0.5743	0.4559	1.213	6.5251
NE+4.35	B92	102	DISX-COMB Max	0.9445	75.7758	3.2784	0.5743	0.4559	1.0323	5.5515
NE+4.35	B92	102	DISX-COMB Max	1.2593	75.7758	3.2784	0.5743	0.4559	0.8515	4.6036
NE+4.35	B92	102	DISX-COMB Max	1.5741	75.7758	3.2784	0.5743	0.4559	0.6708	3.701
NE+4.35	B92	102	DISX-COMB Max	1.8889	75.7758	3.2784	0.5743	0.4559	0.4901	2.8865
NE+4.35	B92	102	DISX-COMB Max	2.2037	75.7758	3.2784	0.5743	0.4559	0.3096	2.2577
NE+4.35	B92	102	DISX-COMB Max	2.5186	75.7758	3.2784	0.5743	0.4559	0.1297	1.9982
NE+4.35	B92	102	DISX-COMB Max	2.8334	75.7758	3.2784	0.5743	0.4559	0.0563	2.2404
NE+4.35	B92	102	DISX-COMB Max	3.1482	75.7758	3.2784	0.5743	0.4559	0.2343	2.8594
NE+4.35	B92	102	DISX-COMB Max	3.463	75.7758	3.2784	0.5743	0.4559	0.4147	3.6693
NE+4.35	B92	102	DISY-COMB Max	0	27.2881	14.8757	0.0244	1.5525	0.195	35.2923
NE+4.35	B92	102	DISY-COMB Max	0.3148	27.2881	14.8757	0.0244	1.5525	0.1937	30.6097
NE+4.35	B92	102	DISY-COMB Max	0.6296	27.2881	14.8757	0.0244	1.5525	0.1927	25.9273
NE+4.35	B92	102	DISY-COMB Max	0.9445	27.2881	14.8757	0.0244	1.5525	0.192	21.2452
NE+4.35	B92	102	DISY-COMB Max	1.2593	27.2881	14.8757	0.0244	1.5525	0.1916	16.5637
NE+4.35	B92	102	DISY-COMB Max	1.5741	27.2881	14.8757	0.0244	1.5525	0.1915	11.8835
NE+4.35	B92	102	DISY-COMB Max	1.8889	27.2881	14.8757	0.0244	1.5525	0.1918	7.2073
NE+4.35	B92	102	DISY-COMB Max	2.2037	27.2881	14.8757	0.0244	1.5525	0.1923	2.5565
NE+4.35	B92	102	DISY-COMB Max	2.5186	27.2881	14.8757	0.0244	1.5525	0.1931	2.234
NE+4.35	B92	102	DISY-COMB Max	2.8334	27.2881	14.8757	0.0244	1.5525	0.1942	6.8783
NE+4.35	B92	102	DISY-COMB Max	3.1482	27.2881	14.8757	0.0244	1.5525	0.1957	11.554
NE+4.35	B92	102	DISY-COMB Max	3.463	27.2881	14.8757	0.0244	1.5525	0.1974	16.234
NE+4.35	B92	102	B241	0	49.5897	-45.4922	0.2532	-1.063	0.8304	-41.793
NE+4.35	B92	102	B241	0.3148	51.5931	-39.196	0.2532	-1.063	0.7507	-28.4622
NE+4.35	B92	102	B241	0.6296	53.5964	-32.8998	0.2532	-1.063	0.671	-17.1136
NE+4.35	B92	102	B241	0.9445	55.5997	-26.6036	0.2532	-1.063	0.5913	-7.7472
NE+4.35	B92	102	B241	1.2593	57.6031	-20.3074	0.2532	-1.063	0.5116	-0.363
NE+4.35	B92	102	B241	1.5741	59.6064	-14.0111	0.2532	-1.063	0.4319	5.0391
NE+4.35	B92	102	B241	1.8889	61.6098	-7.7149	0.2532	-1.063	0.3522	8.459
NE+4.35	B92	102	B241	2.2037	63.6131	-1.4187	0.2532	-1.063	0.2725	9.8967
NE+4.35	B92	102	B241	2.5186	65.6165	4.8775	0.2532	-1.063	0.1928	9.3523
NE+4.35	B92	102	B241	2.8334	67.6198	11.1737	0.2532	-1.063	0.1131	6.8256
NE+4.35	B92	102	B241	3.1482	69.6231	17.47	0.2532	-1.063	0.0334	2.3168
NE+4.35	B92	102	B241	3.463	71.6265	23.7662	0.2532	-1.063	-0.0463	-4.1741
NE+4.35	B92	102	B242	0	74.0754	-82.8915	0.4226	-1.8703	1.3335	-64.6907
NE+4.35	B92	102	B242	0.3148	77.8964	-70.8828	0.4226	-1.8703	1.2004	-40.4851
NE+4.35	B92	102	B242	0.6296	81.7173	-58.874	0.4226	-1.8703	1.0674	-20.0601

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B92	102	B242	0.9445	85.5383	-46.8653	0.4226	-1.8703	0.9344	-3.4157
NE+4.35	B92	102	B242	1.2593	89.3593	-34.8565	0.4226	-1.8703	0.8013	9.4482
NE+4.35	B92	102	B242	1.5741	93.1802	-22.8477	0.4226	-1.8703	0.6683	18.5314
NE+4.35	B92	102	B242	1.8889	97.0012	-10.839	0.4226	-1.8703	0.5353	23.834
NE+4.35	B92	102	B242	2.2037	100.8222	1.1698	0.4226	-1.8703	0.4022	25.356
NE+4.35	B92	102	B242	2.5186	104.6432	13.1785	0.4226	-1.8703	0.2692	23.0975
NE+4.35	B92	102	B242	2.8334	108.4641	25.1873	0.4226	-1.8703	0.1361	17.0583
NE+4.35	B92	102	B242	3.1482	112.2851	37.1961	0.4226	-1.8703	0.0031	7.2385
NE+4.35	B92	102	B242	3.463	116.1061	49.2048	0.4226	-1.8703	-0.1299	-6.3618
NE+4.35	B94	104	Pprop	0	12.051	-6.9448	-0.069	0.3466	-0.2037	-10.3439
NE+4.35	B94	104	Pprop	0.3148	12.2737	-6.245	-0.069	0.3466	-0.182	-8.2677
NE+4.35	B94	104	Pprop	0.6296	12.4964	-5.5451	-0.069	0.3466	-0.1602	-6.4118
NE+4.35	B94	104	Pprop	0.9445	12.7191	-4.8453	-0.069	0.3466	-0.1385	-4.7763
NE+4.35	B94	104	Pprop	1.2593	12.9417	-4.1455	-0.069	0.3466	-0.1168	-3.361
NE+4.35	B94	104	Pprop	1.5741	13.1644	-3.4456	-0.069	0.3466	-0.095	-2.1661
NE+4.35	B94	104	Pprop	1.8889	13.3871	-2.7458	-0.069	0.3466	-0.0733	-1.1915
NE+4.35	B94	104	Pprop	2.2037	13.6098	-2.0459	-0.069	0.3466	-0.0516	-0.4373
NE+4.35	B94	104	Pprop	2.5186	13.8325	-1.3461	-0.069	0.3466	-0.0299	0.0967
NE+4.35	B94	104	Pprop	2.8334	14.0551	-0.6463	-0.069	0.3466	-0.0081	0.4103
NE+4.35	B94	104	Pprop	3.1482	14.2778	0.0536	-0.069	0.3466	0.0136	0.5036
NE+4.35	B94	104	Pprop	3.463	14.5005	0.7534	-0.069	0.3466	0.0353	0.3765
NE+4.35	B94	104	Viva	0	19.2087	-27.472	-0.1329	0.5918	-0.3921	-18.1693
NE+4.35	B94	104	Viva	0.3148	20.5236	-23.3395	-0.1329	0.5918	-0.3502	-10.171
NE+4.35	B94	104	Viva	0.6296	21.8385	-19.207	-0.1329	0.5918	-0.3084	-3.4738
NE+4.35	B94	104	Viva	0.9445	23.1534	-15.0745	-0.1329	0.5918	-0.2665	1.9225
NE+4.35	B94	104	Viva	1.2593	24.4683	-10.942	-0.1329	0.5918	-0.2247	6.0177
NE+4.35	B94	104	Viva	1.5741	25.7832	-6.8095	-0.1329	0.5918	-0.1828	8.812
NE+4.35	B94	104	Viva	1.8889	27.0981	-2.677	-0.1329	0.5918	-0.141	10.3053
NE+4.35	B94	104	Viva	2.2037	28.4129	1.4555	-0.1329	0.5918	-0.0992	10.4976
NE+4.35	B94	104	Viva	2.5186	29.7278	5.588	-0.1329	0.5918	-0.0573	9.3889
NE+4.35	B94	104	Viva	2.8334	31.0427	9.7205	-0.1329	0.5918	-0.0155	6.9792
NE+4.35	B94	104	Viva	3.1482	32.3576	13.853	-0.1329	0.5918	0.0264	3.2685
NE+4.35	B94	104	Viva	3.463	33.6725	17.9855	-0.1329	0.5918	0.0682	-1.7432
NE+4.35	B94	104	Psup	0	24.4279	-28.3403	-0.1542	0.4517	-0.4738	-22.2829
NE+4.35	B94	104	Psup	0.3148	25.7507	-24.1831	-0.1542	0.4517	-0.4253	-14.0152
NE+4.35	B94	104	Psup	0.6296	27.0735	-20.0258	-0.1542	0.4517	-0.3767	-7.0563
NE+4.35	B94	104	Psup	0.9445	28.3962	-15.8686	-0.1542	0.4517	-0.3282	-1.4062
NE+4.35	B94	104	Psup	1.2593	29.719	-11.7114	-0.1542	0.4517	-0.2797	2.9352
NE+4.35	B94	104	Psup	1.5741	31.0417	-7.5541	-0.1542	0.4517	-0.2311	5.9678
NE+4.35	B94	104	Psup	1.8889	32.3645	-3.3969	-0.1542	0.4517	-0.1826	7.6916
NE+4.35	B94	104	Psup	2.2037	33.6873	0.7604	-0.1542	0.4517	-0.134	8.1066
NE+4.35	B94	104	Psup	2.5186	35.01	4.9176	-0.1542	0.4517	-0.0855	7.2128
NE+4.35	B94	104	Psup	2.8334	36.3328	9.0749	-0.1542	0.4517	-0.0369	5.0102
NE+4.35	B94	104	Psup	3.1482	37.6555	13.2321	-0.1542	0.4517	0.0116	1.4989
NE+4.35	B94	104	Psup	3.463	38.9783	17.3894	-0.1542	0.4517	0.0601	-3.3212

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B94	104	Viva.cub	0	0.0795	-0.0571	-0.0002	-0.0042	-0.0009	-0.1292
NE+4.35	B94	104	Viva.cub	0.3148	0.0795	-0.0571	-0.0002	-0.0042	-0.0009	-0.1112
NE+4.35	B94	104	Viva.cub	0.6296	0.0795	-0.0571	-0.0002	-0.0042	-0.0008	-0.0933
NE+4.35	B94	104	Viva.cub	0.9445	0.0795	-0.0571	-0.0002	-0.0042	-0.0007	-0.0753
NE+4.35	B94	104	Viva.cub	1.2593	0.0795	-0.0571	-0.0002	-0.0042	-0.0007	-0.0573
NE+4.35	B94	104	Viva.cub	1.5741	0.0795	-0.0571	-0.0002	-0.0042	-0.0006	-0.0394
NE+4.35	B94	104	Viva.cub	1.8889	0.0795	-0.0571	-0.0002	-0.0042	-0.0006	-0.0214
NE+4.35	B94	104	Viva.cub	2.2037	0.0795	-0.0571	-0.0002	-0.0042	-0.0005	-0.0034
NE+4.35	B94	104	Viva.cub	2.5186	0.0795	-0.0571	-0.0002	-0.0042	-0.0004	0.0146
NE+4.35	B94	104	Viva.cub	2.8334	0.0795	-0.0571	-0.0002	-0.0042	-0.0004	0.0325
NE+4.35	B94	104	Viva.cub	3.1482	0.0795	-0.0571	-0.0002	-0.0042	-0.0003	0.0505
NE+4.35	B94	104	Viva.cub	3.463	0.0795	-0.0571	-0.0002	-0.0042	-0.0002	0.0685
NE+4.35	B94	104	DISX-COMB Max	0	85.5647	5.2778	0.526	1.1797	1.4504	11.4741
NE+4.35	B94	104	DISX-COMB Max	0.3148	85.5647	5.2778	0.526	1.1797	1.2849	9.8143
NE+4.35	B94	104	DISX-COMB Max	0.6296	85.5647	5.2778	0.526	1.1797	1.1194	8.1551
NE+4.35	B94	104	DISX-COMB Max	0.9445	85.5647	5.2778	0.526	1.1797	0.9541	6.4972
NE+4.35	B94	104	DISX-COMB Max	1.2593	85.5647	5.2778	0.526	1.1797	0.7888	4.8418
NE+4.35	B94	104	DISX-COMB Max	1.5741	85.5647	5.2778	0.526	1.1797	0.6236	3.1927
NE+4.35	B94	104	DISX-COMB Max	1.8889	85.5647	5.2778	0.526	1.1797	0.4588	1.5701
NE+4.35	B94	104	DISX-COMB Max	2.2037	85.5647	5.2778	0.526	1.1797	0.2948	0.5087
NE+4.35	B94	104	DISX-COMB Max	2.5186	85.5647	5.2778	0.526	1.1797	0.1349	1.8905
NE+4.35	B94	104	DISX-COMB Max	2.8334	85.5647	5.2778	0.526	1.1797	0.0659	3.5228
NE+4.35	B94	104	DISX-COMB Max	3.1482	85.5647	5.2778	0.526	1.1797	0.2129	5.1738
NE+4.35	B94	104	DISX-COMB Max	3.463	85.5647	5.2778	0.526	1.1797	0.3757	6.83
NE+4.35	B94	104	DISY-COMB Max	0	16.1511	14.6742	0.0686	1.5829	0.3585	34.5115
NE+4.35	B94	104	DISY-COMB Max	0.3148	16.1511	14.6742	0.0686	1.5829	0.3371	29.8921
NE+4.35	B94	104	DISY-COMB Max	0.6296	16.1511	14.6742	0.0686	1.5829	0.3158	25.2727
NE+4.35	B94	104	DISY-COMB Max	0.9445	16.1511	14.6742	0.0686	1.5829	0.2945	20.6535
NE+4.35	B94	104	DISY-COMB Max	1.2593	16.1511	14.6742	0.0686	1.5829	0.2733	16.0345
NE+4.35	B94	104	DISY-COMB Max	1.5741	16.1511	14.6742	0.0686	1.5829	0.2521	11.4163
NE+4.35	B94	104	DISY-COMB Max	1.8889	16.1511	14.6742	0.0686	1.5829	0.231	6.8
NE+4.35	B94	104	DISY-COMB Max	2.2037	16.1511	14.6742	0.0686	1.5829	0.2101	2.1983
NE+4.35	B94	104	DISY-COMB Max	2.5186	16.1511	14.6742	0.0686	1.5829	0.1892	2.4716
NE+4.35	B94	104	DISY-COMB Max	2.8334	16.1511	14.6742	0.0686	1.5829	0.1686	7.076
NE+4.35	B94	104	DISY-COMB Max	3.1482	16.1511	14.6742	0.0686	1.5829	0.1482	11.6925
NE+4.35	B94	104	DISY-COMB Max	3.463	16.1511	14.6742	0.0686	1.5829	0.1282	16.3108
NE+4.35	B94	104	B241	0	47.2876	-45.74	-0.2894	1.0348	-0.8783	-42.2941
NE+4.35	B94	104	B241	0.3148	49.2909	-39.4438	-0.2894	1.0348	-0.7872	-28.8853
NE+4.35	B94	104	B241	0.6296	51.2943	-33.1476	-0.2894	1.0348	-0.6961	-17.4587
NE+4.35	B94	104	B241	0.9445	53.2976	-26.8513	-0.2894	1.0348	-0.605	-8.0143
NE+4.35	B94	104	B241	1.2593	55.3009	-20.5551	-0.2894	1.0348	-0.5139	-0.552
NE+4.35	B94	104	B241	1.5741	57.3043	-14.2589	-0.2894	1.0348	-0.4228	4.9281
NE+4.35	B94	104	B241	1.8889	59.3076	-7.9627	-0.2894	1.0348	-0.3317	8.4259
NE+4.35	B94	104	B241	2.2037	61.311	-1.6665	-0.2894	1.0348	-0.2406	9.9417
NE+4.35	B94	104	B241	2.5186	63.3143	4.6298	-0.2894	1.0348	-0.1495	9.4752

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B94	104	B241	2.8334	65.3177	10.926	-0.2894	1.0348	-0.0584	7.0266
NE+4.35	B94	104	B241	3.1482	67.321	17.2222	-0.2894	1.0348	0.0327	2.5958
NE+4.35	B94	104	B241	3.463	69.3243	23.5184	-0.2894	1.0348	0.1238	-3.8172
NE+4.35	B94	104	B242	0	71.3059	-83.1895	-0.4608	1.8317	-1.3806	-65.3875
NE+4.35	B94	104	B242	0.3148	75.1269	-71.1808	-0.4608	1.8317	-1.2355	-41.0881
NE+4.35	B94	104	B242	0.6296	78.9478	-59.172	-0.4608	1.8317	-1.0904	-20.5693
NE+4.35	B94	104	B242	0.9445	82.7688	-47.1633	-0.4608	1.8317	-0.9454	-3.8311
NE+4.35	B94	104	B242	1.2593	86.5898	-35.1545	-0.4608	1.8317	-0.8003	9.1266
NE+4.35	B94	104	B242	1.5741	90.4108	-23.1457	-0.4608	1.8317	-0.6553	18.3036
NE+4.35	B94	104	B242	1.8889	94.2317	-11.137	-0.4608	1.8317	-0.5102	23.7
NE+4.35	B94	104	B242	2.2037	98.0527	0.8718	-0.4608	1.8317	-0.3651	25.3159
NE+4.35	B94	104	B242	2.5186	101.8737	12.8805	-0.4608	1.8317	-0.2201	23.1511
NE+4.35	B94	104	B242	2.8334	105.6946	24.8893	-0.4608	1.8317	-0.075	17.2058
NE+4.35	B94	104	B242	3.1482	109.5156	36.8981	-0.4608	1.8317	0.0701	7.4798
NE+4.35	B94	104	B242	3.463	113.3366	48.9068	-0.4608	1.8317	0.2151	-6.0267
NE+4.35	B96	106	Pprop	0	11.6601	-6.7949	0.0655	-0.3218	0.1914	-9.9491
NE+4.35	B96	106	Pprop	0.3148	11.8828	-6.0951	0.0655	-0.3218	0.1708	-7.9201
NE+4.35	B96	106	Pprop	0.6296	12.1055	-5.3952	0.0655	-0.3218	0.1502	-6.1114
NE+4.35	B96	106	Pprop	0.9445	12.3282	-4.6954	0.0655	-0.3218	0.1295	-4.523
NE+4.35	B96	106	Pprop	1.2593	12.5508	-3.9956	0.0655	-0.3218	0.1089	-3.155
NE+4.35	B96	106	Pprop	1.5741	12.7735	-3.2957	0.0655	-0.3218	0.0883	-2.0072
NE+4.35	B96	106	Pprop	1.8889	12.9962	-2.5959	0.0655	-0.3218	0.0677	-1.0798
NE+4.35	B96	106	Pprop	2.2037	13.2189	-1.896	0.0655	-0.3218	0.047	-0.3728
NE+4.35	B96	106	Pprop	2.5186	13.4415	-1.1962	0.0655	-0.3218	0.0264	0.114
NE+4.35	B96	106	Pprop	2.8334	13.6642	-0.4964	0.0655	-0.3218	0.0058	0.3804
NE+4.35	B96	106	Pprop	3.1482	13.8869	0.2035	0.0655	-0.3218	-0.0148	0.4265
NE+4.35	B96	106	Pprop	3.463	14.1096	0.9033	0.0655	-0.3218	-0.0355	0.2523
NE+4.35	B96	106	Viva	0	18.387	-26.4646	0.1315	-0.5476	0.3783	-17.3892
NE+4.35	B96	106	Viva	0.3148	19.6601	-22.4634	0.1315	-0.5476	0.3369	-9.6874
NE+4.35	B96	106	Viva	0.6296	20.9333	-18.4621	0.1315	-0.5476	0.2954	-3.2453
NE+4.35	B96	106	Viva	0.9445	22.2064	-14.4609	0.1315	-0.5476	0.254	1.9371
NE+4.35	B96	106	Viva	1.2593	23.4795	-10.4596	0.1315	-0.5476	0.2126	5.8598
NE+4.35	B96	106	Viva	1.5741	24.7526	-6.4584	0.1315	-0.5476	0.1712	8.5229
NE+4.35	B96	106	Viva	1.8889	26.0258	-2.4571	0.1315	-0.5476	0.1298	9.9262
NE+4.35	B96	106	Viva	2.2037	27.2989	1.5441	0.1315	-0.5476	0.0884	10.07
NE+4.35	B96	106	Viva	2.5186	28.572	5.5454	0.1315	-0.5476	0.047	8.954
NE+4.35	B96	106	Viva	2.8334	29.8451	9.5466	0.1315	-0.5476	0.0056	6.5784
NE+4.35	B96	106	Viva	3.1482	31.1183	13.5479	0.1315	-0.5476	-0.0359	2.9431
NE+4.35	B96	106	Viva	3.463	32.3914	17.5491	0.1315	-0.5476	-0.0773	-1.9519
NE+4.35	B96	106	Psup	0	23.1753	-27.3877	0.1448	-0.4359	0.4362	-21.4231
NE+4.35	B96	106	Psup	0.3148	24.4602	-23.3495	0.1448	-0.4359	0.3906	-13.4365
NE+4.35	B96	106	Psup	0.6296	25.7451	-19.3113	0.1448	-0.4359	0.345	-6.7213
NE+4.35	B96	106	Psup	0.9445	27.03	-15.2732	0.1448	-0.4359	0.2995	-1.2773
NE+4.35	B96	106	Psup	1.2593	28.3148	-11.235	0.1448	-0.4359	0.2539	2.8953
NE+4.35	B96	106	Psup	1.5741	29.5997	-7.1968	0.1448	-0.4359	0.2083	5.7967

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B96	106	Psup	1.8889	30.8846	-3.1587	0.1448	-0.4359	0.1628	7.4267
NE+4.35	B96	106	Psup	2.2037	32.1695	0.8795	0.1448	-0.4359	0.1172	7.7855
NE+4.35	B96	106	Psup	2.5186	33.4543	4.9177	0.1448	-0.4359	0.0716	6.873
NE+4.35	B96	106	Psup	2.8334	34.7392	8.9559	0.1448	-0.4359	0.026	4.6891
NE+4.35	B96	106	Psup	3.1482	36.0241	12.994	0.1448	-0.4359	-0.0195	1.234
NE+4.35	B96	106	Psup	3.463	37.3089	17.0322	0.1448	-0.4359	-0.0651	-3.4924
NE+4.35	B96	106	Viva.cub	0	0.0717	-0.0578	0.0001	0.0044	0.0008	-0.1307
NE+4.35	B96	106	Viva.cub	0.3148	0.0717	-0.0578	0.0001	0.0044	0.0008	-0.1125
NE+4.35	B96	106	Viva.cub	0.6296	0.0717	-0.0578	0.0001	0.0044	0.0008	-0.0943
NE+4.35	B96	106	Viva.cub	0.9445	0.0717	-0.0578	0.0001	0.0044	0.0007	-0.0761
NE+4.35	B96	106	Viva.cub	1.2593	0.0717	-0.0578	0.0001	0.0044	0.0007	-0.0579
NE+4.35	B96	106	Viva.cub	1.5741	0.0717	-0.0578	0.0001	0.0044	0.0006	-0.0397
NE+4.35	B96	106	Viva.cub	1.8889	0.0717	-0.0578	0.0001	0.0044	0.0006	-0.0215
NE+4.35	B96	106	Viva.cub	2.2037	0.0717	-0.0578	0.0001	0.0044	0.0006	-0.0033
NE+4.35	B96	106	Viva.cub	2.5186	0.0717	-0.0578	0.0001	0.0044	0.0005	0.0149
NE+4.35	B96	106	Viva.cub	2.8334	0.0717	-0.0578	0.0001	0.0044	0.0005	0.0331
NE+4.35	B96	106	Viva.cub	3.1482	0.0717	-0.0578	0.0001	0.0044	0.0004	0.0513
NE+4.35	B96	106	Viva.cub	3.463	0.0717	-0.0578	0.0001	0.0044	0.0004	0.0695
NE+4.35	B96	106	DISX-COMB Max	0	84.0345	1.8907	0.5912	0.6808	1.6051	3.1839
NE+4.35	B96	106	DISX-COMB Max	0.3148	84.0345	1.8907	0.5912	0.6808	1.4191	2.6056
NE+4.35	B96	106	DISX-COMB Max	0.6296	84.0345	1.8907	0.5912	0.6808	1.233	2.0372
NE+4.35	B96	106	DISX-COMB Max	0.9445	84.0345	1.8907	0.5912	0.6808	1.047	1.4898
NE+4.35	B96	106	DISX-COMB Max	1.2593	84.0345	1.8907	0.5912	0.6808	0.8609	0.9988
NE+4.35	B96	106	DISX-COMB Max	1.5741	84.0345	1.8907	0.5912	0.6808	0.675	0.6959
NE+4.35	B96	106	DISX-COMB Max	1.8889	84.0345	1.8907	0.5912	0.6808	0.4892	0.8243
NE+4.35	B96	106	DISX-COMB Max	2.2037	84.0345	1.8907	0.5912	0.6808	0.3037	1.2584
NE+4.35	B96	106	DISX-COMB Max	2.5186	84.0345	1.8907	0.5912	0.6808	0.1203	1.7877
NE+4.35	B96	106	DISX-COMB Max	2.8334	84.0345	1.8907	0.5912	0.6808	0.0773	2.3489
NE+4.35	B96	106	DISX-COMB Max	3.1482	84.0345	1.8907	0.5912	0.6808	0.2584	2.9235
NE+4.35	B96	106	DISX-COMB Max	3.463	84.0345	1.8907	0.5912	0.6808	0.4436	3.5051
NE+4.35	B96	106	DISY-COMB Max	0	24.9377	15.2918	0.0282	1.461	0.2033	35.5098
NE+4.35	B96	106	DISY-COMB Max	0.3148	24.9377	15.2918	0.0282	1.461	0.1965	30.6958
NE+4.35	B96	106	DISY-COMB Max	0.6296	24.9377	15.2918	0.0282	1.461	0.1899	25.8819
NE+4.35	B96	106	DISY-COMB Max	0.9445	24.9377	15.2918	0.0282	1.461	0.1835	21.0681
NE+4.35	B96	106	DISY-COMB Max	1.2593	24.9377	15.2918	0.0282	1.461	0.1773	16.2545
NE+4.35	B96	106	DISY-COMB Max	1.5741	24.9377	15.2918	0.0282	1.461	0.1714	11.4415
NE+4.35	B96	106	DISY-COMB Max	1.8889	24.9377	15.2918	0.0282	1.461	0.1656	6.63
NE+4.35	B96	106	DISY-COMB Max	2.2037	24.9377	15.2918	0.0282	1.461	0.1602	1.833
NE+4.35	B96	106	DISY-COMB Max	2.5186	24.9377	15.2918	0.0282	1.461	0.1551	3.0192
NE+4.35	B96	106	DISY-COMB Max	2.8334	24.9377	15.2918	0.0282	1.461	0.1504	7.8245
NE+4.35	B96	106	DISY-COMB Max	3.1482	24.9377	15.2918	0.0282	1.461	0.146	12.6366
NE+4.35	B96	106	DISY-COMB Max	3.463	24.9377	15.2918	0.0282	1.461	0.1421	17.4498
NE+4.35	B96	106	B241	0	45.1571	-44.3108	0.2726	-0.9822	0.8136	-40.6676
NE+4.35	B96	106	B241	0.3148	47.1113	-38.1689	0.2726	-0.9822	0.7278	-27.6845
NE+4.35	B96	106	B241	0.6296	49.0655	-32.0271	0.2726	-0.9822	0.6419	-16.6349

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B96	106	B241	0.9445	51.0198	-25.8852	0.2726	-0.9822	0.5561	-7.5189
NE+4.35	B96	106	B241	1.2593	52.974	-19.7433	0.2726	-0.9822	0.4703	-0.3366
NE+4.35	B96	106	B241	1.5741	54.9282	-13.6015	0.2726	-0.9822	0.3845	4.9122
NE+4.35	B96	106	B241	1.8889	56.8825	-7.4596	0.2726	-0.9822	0.2987	8.2275
NE+4.35	B96	106	B241	2.2037	58.8367	-1.3177	0.2726	-0.9822	0.2129	9.6091
NE+4.35	B96	106	B241	2.5186	60.7909	4.8241	0.2726	-0.9822	0.1271	9.0572
NE+4.35	B96	106	B241	2.8334	62.7452	10.966	0.2726	-0.9822	0.0413	6.5716
NE+4.35	B96	106	B241	3.1482	64.6994	17.1079	0.2726	-0.9822	-0.0446	2.1525
NE+4.35	B96	106	B241	3.463	66.6536	23.2498	0.2726	-0.9822	-0.1304	-4.2002
NE+4.35	B96	106	B242	0	68.1612	-80.353	0.4442	-1.7159	1.303	-62.746
NE+4.35	B96	106	B242	0.3148	71.8732	-68.6865	0.4442	-1.7159	1.1632	-39.2857
NE+4.35	B96	106	B242	0.6296	75.5853	-57.0201	0.4442	-1.7159	1.0233	-19.4982
NE+4.35	B96	106	B242	0.9445	79.2973	-45.3536	0.4442	-1.7159	0.8835	-3.3836
NE+4.35	B96	106	B242	1.2593	83.0094	-33.6871	0.4442	-1.7159	0.7437	9.0582
NE+4.35	B96	106	B242	1.5741	86.7215	-22.0207	0.4442	-1.7159	0.6038	17.8272
NE+4.35	B96	106	B242	1.8889	90.4335	-10.3542	0.4442	-1.7159	0.464	22.9233
NE+4.35	B96	106	B242	2.2037	94.1456	1.3122	0.4442	-1.7159	0.3242	24.3466
NE+4.35	B96	106	B242	2.5186	97.8576	12.9787	0.4442	-1.7159	0.1843	22.0971
NE+4.35	B96	106	B242	2.8334	101.5697	24.6452	0.4442	-1.7159	0.0445	16.1747
NE+4.35	B96	106	B242	3.1482	105.2817	36.3116	0.4442	-1.7159	-0.0953	6.5795
NE+4.35	B96	106	B242	3.463	108.9938	47.9781	0.4442	-1.7159	-0.2352	-6.6885
NE+4.35	B98	108	Pprop	0	11.3436	-6.8314	-0.066	0.3191	-0.1925	-10.0134
NE+4.35	B98	108	Pprop	0.3148	11.5663	-6.1316	-0.066	0.3191	-0.1718	-7.9729
NE+4.35	B98	108	Pprop	0.6296	11.789	-5.4317	-0.066	0.3191	-0.151	-6.1527
NE+4.35	B98	108	Pprop	0.9445	12.0117	-4.7319	-0.066	0.3191	-0.1302	-4.5529
NE+4.35	B98	108	Pprop	1.2593	12.2343	-4.0321	-0.066	0.3191	-0.1095	-3.1733
NE+4.35	B98	108	Pprop	1.5741	12.457	-3.3322	-0.066	0.3191	-0.0887	-2.0141
NE+4.35	B98	108	Pprop	1.8889	12.6797	-2.6324	-0.066	0.3191	-0.0679	-1.0752
NE+4.35	B98	108	Pprop	2.2037	12.9024	-1.9325	-0.066	0.3191	-0.0472	-0.3567
NE+4.35	B98	108	Pprop	2.5186	13.125	-1.2327	-0.066	0.3191	-0.0264	0.1416
NE+4.35	B98	108	Pprop	2.8334	13.3477	-0.5329	-0.066	0.3191	-0.0056	0.4195
NE+4.35	B98	108	Pprop	3.1482	13.5704	0.167	-0.066	0.3191	0.0151	0.4771
NE+4.35	B98	108	Pprop	3.463	13.7931	0.8668	-0.066	0.3191	0.0359	0.3143
NE+4.35	B98	108	Viva	0	17.721	-26.5535	-0.124	0.5355	-0.363	-17.5926
NE+4.35	B98	108	Viva	0.3148	18.9941	-22.5522	-0.124	0.5355	-0.3239	-9.8629
NE+4.35	B98	108	Viva	0.6296	20.2673	-18.551	-0.124	0.5355	-0.2849	-3.3928
NE+4.35	B98	108	Viva	0.9445	21.5404	-14.5497	-0.124	0.5355	-0.2458	1.8176
NE+4.35	B98	108	Viva	1.2593	22.8135	-10.5485	-0.124	0.5355	-0.2068	5.7683
NE+4.35	B98	108	Viva	1.5741	24.0866	-6.5472	-0.124	0.5355	-0.1677	8.4593
NE+4.35	B98	108	Viva	1.8889	25.3598	-2.546	-0.124	0.5355	-0.1287	9.8907
NE+4.35	B98	108	Viva	2.2037	26.6329	1.4553	-0.124	0.5355	-0.0897	10.0623
NE+4.35	B98	108	Viva	2.5186	27.906	5.4565	-0.124	0.5355	-0.0506	8.9744
NE+4.35	B98	108	Viva	2.8334	29.1791	9.4578	-0.124	0.5355	-0.0116	6.6267
NE+4.35	B98	108	Viva	3.1482	30.4523	13.459	-0.124	0.5355	0.0275	3.0194
NE+4.35	B98	108	Viva	3.463	31.7254	17.4603	-0.124	0.5355	0.0665	-1.8477

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B98	108	Psup	0	22.285	-27.4907	-0.1422	0.43	-0.4301	-21.5769
NE+4.35	B98	108	Psup	0.3148	23.5699	-23.4525	-0.1422	0.43	-0.3853	-13.5579
NE+4.35	B98	108	Psup	0.6296	24.8548	-19.4143	-0.1422	0.43	-0.3405	-6.8103
NE+4.35	B98	108	Psup	0.9445	26.1397	-15.3762	-0.1422	0.43	-0.2958	-1.3339
NE+4.35	B98	108	Psup	1.2593	27.4245	-11.338	-0.1422	0.43	-0.251	2.8712
NE+4.35	B98	108	Psup	1.5741	28.7094	-7.2998	-0.1422	0.43	-0.2062	5.8049
NE+4.35	B98	108	Psup	1.8889	29.9943	-3.2616	-0.1422	0.43	-0.1614	7.4674
NE+4.35	B98	108	Psup	2.2037	31.2791	0.7765	-0.1422	0.43	-0.1166	7.8586
NE+4.35	B98	108	Psup	2.5186	32.564	4.8147	-0.1422	0.43	-0.0718	6.9785
NE+4.35	B98	108	Psup	2.8334	33.8489	8.8529	-0.1422	0.43	-0.0271	4.8271
NE+4.35	B98	108	Psup	3.1482	35.1338	12.8911	-0.1422	0.43	0.0177	1.4044
NE+4.35	B98	108	Psup	3.463	36.4186	16.9292	-0.1422	0.43	0.0625	-3.2896
NE+4.35	B98	108	Viva.cub	0	0.0782	-0.0582	-0.0001	-0.0045	-0.0008	-0.1314
NE+4.35	B98	108	Viva.cub	0.3148	0.0782	-0.0582	-0.0001	-0.0045	-0.0008	-0.1131
NE+4.35	B98	108	Viva.cub	0.6296	0.0782	-0.0582	-0.0001	-0.0045	-0.0007	-0.0948
NE+4.35	B98	108	Viva.cub	0.9445	0.0782	-0.0582	-0.0001	-0.0045	-0.0007	-0.0765
NE+4.35	B98	108	Viva.cub	1.2593	0.0782	-0.0582	-0.0001	-0.0045	-0.0006	-0.0581
NE+4.35	B98	108	Viva.cub	1.5741	0.0782	-0.0582	-0.0001	-0.0045	-0.0006	-0.0398
NE+4.35	B98	108	Viva.cub	1.8889	0.0782	-0.0582	-0.0001	-0.0045	-0.0006	-0.0215
NE+4.35	B98	108	Viva.cub	2.2037	0.0782	-0.0582	-0.0001	-0.0045	-0.0005	-0.0032
NE+4.35	B98	108	Viva.cub	2.5186	0.0782	-0.0582	-0.0001	-0.0045	-0.0005	0.0151
NE+4.35	B98	108	Viva.cub	2.8334	0.0782	-0.0582	-0.0001	-0.0045	-0.0005	0.0335
NE+4.35	B98	108	Viva.cub	3.1482	0.0782	-0.0582	-0.0001	-0.0045	-0.0004	0.0518
NE+4.35	B98	108	Viva.cub	3.463	0.0782	-0.0582	-0.0001	-0.0045	-0.0004	0.0701
NE+4.35	B98	108	DISX-COMB Max	0	83.6792	1.9472	0.6152	0.7581	1.6131	3.4825
NE+4.35	B98	108	DISX-COMB Max	0.3148	83.6792	1.9472	0.6152	0.7581	1.4195	2.8833
NE+4.35	B98	108	DISX-COMB Max	0.6296	83.6792	1.9472	0.6152	0.7581	1.2258	2.2913
NE+4.35	B98	108	DISX-COMB Max	0.9445	83.6792	1.9472	0.6152	0.7581	1.0322	1.7141
NE+4.35	B98	108	DISX-COMB Max	1.2593	83.6792	1.9472	0.6152	0.7581	0.8385	1.1739
NE+4.35	B98	108	DISX-COMB Max	1.5741	83.6792	1.9472	0.6152	0.7581	0.6449	0.7546
NE+4.35	B98	108	DISX-COMB Max	1.8889	83.6792	1.9472	0.6152	0.7581	0.4514	0.7159
NE+4.35	B98	108	DISX-COMB Max	2.2037	83.6792	1.9472	0.6152	0.7581	0.2581	1.0987
NE+4.35	B98	108	DISX-COMB Max	2.5186	83.6792	1.9472	0.6152	0.7581	0.0671	1.6289
NE+4.35	B98	108	DISX-COMB Max	2.8334	83.6792	1.9472	0.6152	0.7581	0.132	2.2026
NE+4.35	B98	108	DISX-COMB Max	3.1482	83.6792	1.9472	0.6152	0.7581	0.3246	2.793
NE+4.35	B98	108	DISX-COMB Max	3.463	83.6792	1.9472	0.6152	0.7581	0.518	3.3914
NE+4.35	B98	108	DISY-COMB Max	0	15.1616	14.5869	0.0605	1.4659	0.3344	34.01
NE+4.35	B98	108	DISY-COMB Max	0.3148	15.1616	14.5869	0.0605	1.4659	0.3159	29.4178
NE+4.35	B98	108	DISY-COMB Max	0.6296	15.1616	14.5869	0.0605	1.4659	0.2974	24.8258
NE+4.35	B98	108	DISY-COMB Max	0.9445	15.1616	14.5869	0.0605	1.4659	0.279	20.2338
NE+4.35	B98	108	DISY-COMB Max	1.2593	15.1616	14.5869	0.0605	1.4659	0.2608	15.6419
NE+4.35	B98	108	DISY-COMB Max	1.5741	15.1616	14.5869	0.0605	1.4659	0.2426	11.0504
NE+4.35	B98	108	DISY-COMB Max	1.8889	15.1616	14.5869	0.0605	1.4659	0.2246	6.46
NE+4.35	B98	108	DISY-COMB Max	2.2037	15.1616	14.5869	0.0605	1.4659	0.2068	1.8786
NE+4.35	B98	108	DISY-COMB Max	2.5186	15.1616	14.5869	0.0605	1.4659	0.1892	2.7394

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B98	108	DISY-COMB Max	2.8334	15.1616	14.5869	0.0605	1.4659	0.1719	7.3251
NE+4.35	B98	108	DISY-COMB Max	3.1482	15.1616	14.5869	0.0605	1.4659	0.155	11.9159
NE+4.35	B98	108	DISY-COMB Max	3.463	15.1616	14.5869	0.0605	1.4659	0.1387	16.5075
NE+4.35	B98	108	B241	0	43.5927	-44.4916	-0.2699	0.9711	-0.8071	-40.9504
NE+4.35	B98	108	B241	0.3148	45.547	-38.3497	-0.2699	0.9711	-0.7221	-27.9104
NE+4.35	B98	108	B241	0.6296	47.5012	-32.2079	-0.2699	0.9711	-0.6372	-16.8039
NE+4.35	B98	108	B241	0.9445	49.4554	-26.066	-0.2699	0.9711	-0.5522	-7.631
NE+4.35	B98	108	B241	1.2593	51.4096	-19.9241	-0.2699	0.9711	-0.4672	-0.3917
NE+4.35	B98	108	B241	1.5741	53.3639	-13.7823	-0.2699	0.9711	-0.3823	4.914
NE+4.35	B98	108	B241	1.8889	55.3181	-7.6404	-0.2699	0.9711	-0.2973	8.2862
NE+4.35	B98	108	B241	2.2037	57.2723	-1.4985	-0.2699	0.9711	-0.2123	9.7247
NE+4.35	B98	108	B241	2.5186	59.2266	4.6433	-0.2699	0.9711	-0.1274	9.2297
NE+4.35	B98	108	B241	2.8334	61.1808	10.7852	-0.2699	0.9711	-0.0424	6.8011
NE+4.35	B98	108	B241	3.1482	63.135	16.9271	-0.2699	0.9711	0.0426	2.4389
NE+4.35	B98	108	B241	3.463	65.0893	23.069	-0.2699	0.9711	0.1275	-3.8569
NE+4.35	B98	108	B242	0	65.7579	-80.6503	-0.4298	1.6869	-1.2729	-63.3142
NE+4.35	B98	108	B242	0.3148	69.47	-68.9839	-0.4298	1.6869	-1.1376	-39.7603
NE+4.35	B98	108	B242	0.6296	73.182	-57.3174	-0.4298	1.6869	-1.0023	-19.8792
NE+4.35	B98	108	B242	0.9445	76.8941	-45.6509	-0.4298	1.6869	-0.867	-3.671
NE+4.35	B98	108	B242	1.2593	80.6061	-33.9845	-0.4298	1.6869	-0.7317	8.8644
NE+4.35	B98	108	B242	1.5741	84.3182	-22.318	-0.4298	1.6869	-0.5964	17.727
NE+4.35	B98	108	B242	1.8889	88.0302	-10.6516	-0.4298	1.6869	-0.461	22.9167
NE+4.35	B98	108	B242	2.2037	91.7423	1.0149	-0.4298	1.6869	-0.3257	24.4336
NE+4.35	B98	108	B242	2.5186	95.4544	12.6814	-0.4298	1.6869	-0.1904	22.2777
NE+4.35	B98	108	B242	2.8334	99.1664	24.3478	-0.4298	1.6869	-0.0551	16.4489
NE+4.35	B98	108	B242	3.1482	102.8785	36.0143	-0.4298	1.6869	0.0802	6.9473
NE+4.35	B98	108	B242	3.463	106.5905	47.6807	-0.4298	1.6869	0.2155	-6.2271
NE+4.35	B100	110	Pprop	0	10.058	-6.0716	0.0579	-0.1607	0.1735	-8.042
NE+4.35	B100	110	Pprop	0.3148	10.2807	-5.3718	0.0579	-0.1607	0.1552	-6.2407
NE+4.35	B100	110	Pprop	0.6296	10.5034	-4.6719	0.0579	-0.1607	0.137	-4.6597
NE+4.35	B100	110	Pprop	0.9445	10.726	-3.9721	0.0579	-0.1607	0.1188	-3.299
NE+4.35	B100	110	Pprop	1.2593	10.9487	-3.2722	0.0579	-0.1607	0.1005	-2.1587
NE+4.35	B100	110	Pprop	1.5741	11.1714	-2.5724	0.0579	-0.1607	0.0823	-1.2387
NE+4.35	B100	110	Pprop	1.8889	11.3941	-1.8726	0.0579	-0.1607	0.0641	-0.539
NE+4.35	B100	110	Pprop	2.2037	11.6167	-1.1727	0.0579	-0.1607	0.0458	-0.0597
NE+4.35	B100	110	Pprop	2.5186	11.8394	-0.4729	0.0579	-0.1607	0.0276	0.1993
NE+4.35	B100	110	Pprop	2.8334	12.0621	0.227	0.0579	-0.1607	0.0094	0.2381
NE+4.35	B100	110	Pprop	3.1482	12.2848	0.9268	0.0579	-0.1607	-0.0089	0.0564
NE+4.35	B100	110	Pprop	3.463	12.5074	1.6266	0.0579	-0.1607	-0.0271	-0.3455
NE+4.35	B100	110	Viva	0	15.0053	-21.8409	0.1126	-0.2486	0.3288	-13.6434
NE+4.35	B100	110	Viva	0.3148	16.0863	-18.4434	0.1126	-0.2486	0.2933	-7.3022
NE+4.35	B100	110	Viva	0.6296	17.1673	-15.0459	0.1126	-0.2486	0.2579	-2.0307
NE+4.35	B100	110	Viva	0.9445	18.2484	-11.6484	0.1126	-0.2486	0.2224	2.1713
NE+4.35	B100	110	Viva	1.2593	19.3294	-8.2509	0.1126	-0.2486	0.187	5.3036
NE+4.35	B100	110	Viva	1.5741	20.4104	-4.8534	0.1126	-0.2486	0.1515	7.3664

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B100	110	Viva	1.8889	21.4914	-1.4559	0.1126	-0.2486	0.1161	8.3595
NE+4.35	B100	110	Viva	2.2037	22.5725	1.9416	0.1126	-0.2486	0.0806	8.2831
NE+4.35	B100	110	Viva	2.5186	23.6535	5.3391	0.1126	-0.2486	0.0452	7.137
NE+4.35	B100	110	Viva	2.8334	24.7345	8.7366	0.1126	-0.2486	0.0097	4.9213
NE+4.35	B100	110	Viva	3.1482	25.8155	12.1341	0.1126	-0.2486	-0.0257	1.6361
NE+4.35	B100	110	Viva	3.463	26.8965	15.5316	0.1126	-0.2486	-0.0612	-2.7188
NE+4.35	B100	110	Psup	0	19.0964	-22.9	0.1241	-0.1675	0.3847	-17.1386
NE+4.35	B100	110	Psup	0.3148	20.207	-19.4096	0.1241	-0.1675	0.3456	-10.4787
NE+4.35	B100	110	Psup	0.6296	21.3176	-15.9191	0.1241	-0.1675	0.3066	-4.9176
NE+4.35	B100	110	Psup	0.9445	22.4282	-12.4287	0.1241	-0.1675	0.2675	-0.4553
NE+4.35	B100	110	Psup	1.2593	23.5388	-8.9382	0.1241	-0.1675	0.2284	2.908
NE+4.35	B100	110	Psup	1.5741	24.6494	-5.4478	0.1241	-0.1675	0.1894	5.1725
NE+4.35	B100	110	Psup	1.8889	25.76	-1.9573	0.1241	-0.1675	0.1503	6.3382
NE+4.35	B100	110	Psup	2.2037	26.8706	1.5331	0.1241	-0.1675	0.1113	6.405
NE+4.35	B100	110	Psup	2.5186	27.9812	5.0236	0.1241	-0.1675	0.0722	5.3729
NE+4.35	B100	110	Psup	2.8334	29.0918	8.514	0.1241	-0.1675	0.0331	3.2419
NE+4.35	B100	110	Psup	3.1482	30.2024	12.0045	0.1241	-0.1675	-0.0059	0.0121
NE+4.35	B100	110	Psup	3.463	31.313	15.4949	0.1241	-0.1675	-0.045	-4.3166
NE+4.35	B100	110	Viva.cub	0	0.0675	-0.0684	-0.0001	0.0035	0.0006	-0.1531
NE+4.35	B100	110	Viva.cub	0.3148	0.0675	-0.0684	-0.0001	0.0035	0.0006	-0.1316
NE+4.35	B100	110	Viva.cub	0.6296	0.0675	-0.0684	-0.0001	0.0035	0.0006	-0.1101
NE+4.35	B100	110	Viva.cub	0.9445	0.0675	-0.0684	-0.0001	0.0035	0.0006	-0.0886
NE+4.35	B100	110	Viva.cub	1.2593	0.0675	-0.0684	-0.0001	0.0035	0.0006	-0.067
NE+4.35	B100	110	Viva.cub	1.5741	0.0675	-0.0684	-0.0001	0.0035	0.0007	-0.0455
NE+4.35	B100	110	Viva.cub	1.8889	0.0675	-0.0684	-0.0001	0.0035	0.0007	-0.024
NE+4.35	B100	110	Viva.cub	2.2037	0.0675	-0.0684	-0.0001	0.0035	0.0007	-0.0024
NE+4.35	B100	110	Viva.cub	2.5186	0.0675	-0.0684	-0.0001	0.0035	0.0007	0.0191
NE+4.35	B100	110	Viva.cub	2.8334	0.0675	-0.0684	-0.0001	0.0035	0.0008	0.0406
NE+4.35	B100	110	Viva.cub	3.1482	0.0675	-0.0684	-0.0001	0.0035	0.0008	0.0621
NE+4.35	B100	110	Viva.cub	3.463	0.0675	-0.0684	-0.0001	0.0035	0.0008	0.0837
NE+4.35	B100	110	DISX-COMB Max	0	98.6168	4.9011	0.6567	0.9252	1.6746	10.3836
NE+4.35	B100	110	DISX-COMB Max	0.3148	98.6168	4.9011	0.6567	0.9252	1.468	8.8436
NE+4.35	B100	110	DISX-COMB Max	0.6296	98.6168	4.9011	0.6567	0.9252	1.2615	7.3047
NE+4.35	B100	110	DISX-COMB Max	0.9445	98.6168	4.9011	0.6567	0.9252	1.055	5.768
NE+4.35	B100	110	DISX-COMB Max	1.2593	98.6168	4.9011	0.6567	0.9252	0.8488	4.2359
NE+4.35	B100	110	DISX-COMB Max	1.5741	98.6168	4.9011	0.6567	0.9252	0.6428	2.7161
NE+4.35	B100	110	DISX-COMB Max	1.8889	98.6168	4.9011	0.6567	0.9252	0.4375	1.2543
NE+4.35	B100	110	DISX-COMB Max	2.2037	98.6168	4.9011	0.6567	0.9252	0.235	0.7283
NE+4.35	B100	110	DISX-COMB Max	2.5186	98.6168	4.9011	0.6567	0.9252	0.0671	2.0614
NE+4.35	B100	110	DISX-COMB Max	2.8334	98.6168	4.9011	0.6567	0.9252	0.1982	3.5678
NE+4.35	B100	110	DISX-COMB Max	3.1482	98.6168	4.9011	0.6567	0.9252	0.3994	5.0962
NE+4.35	B100	110	DISX-COMB Max	3.463	98.6168	4.9011	0.6567	0.9252	0.6044	6.6313
NE+4.35	B100	110	DISY-COMB Max	0	25.379	17.4252	0.0281	1.257	0.2194	39.7945
NE+4.35	B100	110	DISY-COMB Max	0.3148	25.379	17.4252	0.0281	1.257	0.2153	34.3088
NE+4.35	B100	110	DISY-COMB Max	0.6296	25.379	17.4252	0.0281	1.257	0.2116	28.8231

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B100	110	DISY-COMB Max	0.9445	25.379	17.4252	0.0281	1.257	0.2082	23.3374
NE+4.35	B100	110	DISY-COMB Max	1.2593	25.379	17.4252	0.0281	1.257	0.2051	17.8519
NE+4.35	B100	110	DISY-COMB Max	1.5741	25.379	17.4252	0.0281	1.257	0.2023	12.3665
NE+4.35	B100	110	DISY-COMB Max	1.8889	25.379	17.4252	0.0281	1.257	0.1999	6.8819
NE+4.35	B100	110	DISY-COMB Max	2.2037	25.379	17.4252	0.0281	1.257	0.1978	1.4067
NE+4.35	B100	110	DISY-COMB Max	2.5186	25.379	17.4252	0.0281	1.257	0.1962	4.097
NE+4.35	B100	110	DISY-COMB Max	2.8334	25.379	17.4252	0.0281	1.257	0.1949	9.5802
NE+4.35	B100	110	DISY-COMB Max	3.1482	25.379	17.4252	0.0281	1.257	0.194	15.0652
NE+4.35	B100	110	DISY-COMB Max	3.463	25.379	17.4252	0.0281	1.257	0.1935	20.5507
NE+4.35	B100	110	B241	0	37.7928	-37.5558	0.2359	-0.4255	0.7236	-32.6415
NE+4.35	B100	110	B241	0.3148	39.5211	-32.124	0.2359	-0.4255	0.6493	-21.6732
NE+4.35	B100	110	B241	0.6296	41.2494	-26.6921	0.2359	-0.4255	0.575	-12.415
NE+4.35	B100	110	B241	0.9445	42.9777	-21.2603	0.2359	-0.4255	0.5007	-4.8668
NE+4.35	B100	110	B241	1.2593	44.7061	-15.8284	0.2359	-0.4255	0.4265	0.9713
NE+4.35	B100	110	B241	1.5741	46.4344	-10.3965	0.2359	-0.4255	0.3522	5.0994
NE+4.35	B100	110	B241	1.8889	48.1627	-4.9647	0.2359	-0.4255	0.2779	7.5174
NE+4.35	B100	110	B241	2.2037	49.891	0.4672	0.2359	-0.4255	0.2036	8.2254
NE+4.35	B100	110	B241	2.5186	51.6193	5.899	0.2359	-0.4255	0.1294	7.2233
NE+4.35	B100	110	B241	2.8334	53.3477	11.3309	0.2359	-0.4255	0.0551	4.5111
NE+4.35	B100	110	B241	3.1482	55.076	16.7628	0.2359	-0.4255	-0.0192	0.0889
NE+4.35	B100	110	B241	3.463	56.8043	22.1946	0.2359	-0.4255	-0.0935	-6.0434
NE+4.35	B100	110	B242	0	56.436	-67.1703	0.3824	-0.7607	1.1466	-49.8844
NE+4.35	B100	110	B242	0.3148	59.6471	-57.0784	0.3824	-0.7607	1.0262	-30.3264
NE+4.35	B100	110	B242	0.6296	62.8581	-46.9866	0.3824	-0.7607	0.9058	-13.9455
NE+4.35	B100	110	B242	0.9445	66.0692	-36.8947	0.3824	-0.7607	0.7854	-0.7417
NE+4.35	B100	110	B242	1.2593	69.2802	-26.8028	0.3824	-0.7607	0.665	9.2849
NE+4.35	B100	110	B242	1.5741	72.4913	-16.7109	0.3824	-0.7607	0.5446	16.1344
NE+4.35	B100	110	B242	1.8889	75.7024	-6.619	0.3824	-0.7607	0.4243	19.8067
NE+4.35	B100	110	B242	2.2037	78.9134	3.4728	0.3824	-0.7607	0.3039	20.302
NE+4.35	B100	110	B242	2.5186	82.1245	13.5647	0.3824	-0.7607	0.1835	17.6201
NE+4.35	B100	110	B242	2.8334	85.3355	23.6566	0.3824	-0.7607	0.0631	11.7611
NE+4.35	B100	110	B242	3.1482	88.5466	33.7485	0.3824	-0.7607	-0.0573	2.725
NE+4.35	B100	110	B242	3.463	91.7576	43.8404	0.3824	-0.7607	-0.1776	-9.4883
NE+4.35	B102	112	Pprop	0	9.6005	-6.0282	-0.0507	0.1592	-0.1663	-7.9455
NE+4.35	B102	112	Pprop	0.3148	9.8232	-5.3283	-0.0507	0.1592	-0.1504	-6.1579
NE+4.35	B102	112	Pprop	0.6296	10.0458	-4.6285	-0.0507	0.1592	-0.1344	-4.5905
NE+4.35	B102	112	Pprop	0.9445	10.2685	-3.9287	-0.0507	0.1592	-0.1184	-3.2436
NE+4.35	B102	112	Pprop	1.2593	10.4912	-3.2288	-0.0507	0.1592	-0.1025	-2.1169
NE+4.35	B102	112	Pprop	1.5741	10.7139	-2.529	-0.0507	0.1592	-0.0865	-1.2106
NE+4.35	B102	112	Pprop	1.8889	10.9366	-1.8291	-0.0507	0.1592	-0.0705	-0.5245
NE+4.35	B102	112	Pprop	2.2037	11.1592	-1.1293	-0.0507	0.1592	-0.0546	-0.0589
NE+4.35	B102	112	Pprop	2.5186	11.3819	-0.4295	-0.0507	0.1592	-0.0386	0.1865
NE+4.35	B102	112	Pprop	2.8334	11.6046	0.2704	-0.0507	0.1592	-0.0226	0.2116
NE+4.35	B102	112	Pprop	3.1482	11.8273	0.9702	-0.0507	0.1592	-0.0067	0.0163
NE+4.35	B102	112	Pprop	3.463	12.0499	1.6701	-0.0507	0.1592	0.0093	-0.3993

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B102	112	Viva	0	14.2775	-21.7723	-0.0899	0.2405	-0.2972	-13.5496
NE+4.35	B102	112	Viva	0.3148	15.3585	-18.3748	-0.0899	0.2405	-0.2689	-7.23
NE+4.35	B102	112	Viva	0.6296	16.4395	-14.9773	-0.0899	0.2405	-0.2406	-1.9801
NE+4.35	B102	112	Viva	0.9445	17.5205	-11.5798	-0.0899	0.2405	-0.2123	2.2003
NE+4.35	B102	112	Viva	1.2593	18.6015	-8.1823	-0.0899	0.2405	-0.184	5.311
NE+4.35	B102	112	Viva	1.5741	19.6826	-4.7848	-0.0899	0.2405	-0.1557	7.3522
NE+4.35	B102	112	Viva	1.8889	20.7636	-1.3873	-0.0899	0.2405	-0.1274	8.3237
NE+4.35	B102	112	Viva	2.2037	21.8446	2.0102	-0.0899	0.2405	-0.099	8.2257
NE+4.35	B102	112	Viva	2.5186	22.9256	5.4077	-0.0899	0.2405	-0.0707	7.058
NE+4.35	B102	112	Viva	2.8334	24.0067	8.8052	-0.0899	0.2405	-0.0424	4.8208
NE+4.35	B102	112	Viva	3.1482	25.0877	12.2027	-0.0899	0.2405	-0.0141	1.5139
NE+4.35	B102	112	Viva	3.463	26.1687	15.6002	-0.0899	0.2405	0.0142	-2.8625
NE+4.35	B102	112	Psup	0	18.2687	-22.8302	-0.0997	0.1607	-0.3518	-16.9734
NE+4.35	B102	112	Psup	0.3148	19.3793	-19.3398	-0.0997	0.1607	-0.3204	-10.3355
NE+4.35	B102	112	Psup	0.6296	20.4899	-15.8493	-0.0997	0.1607	-0.289	-4.7964
NE+4.35	B102	112	Psup	0.9445	21.6005	-12.3589	-0.0997	0.1607	-0.2576	-0.3561
NE+4.35	B102	112	Psup	1.2593	22.7111	-8.8684	-0.0997	0.1607	-0.2263	2.9853
NE+4.35	B102	112	Psup	1.5741	23.8217	-5.378	-0.0997	0.1607	-0.1949	5.2278
NE+4.35	B102	112	Psup	1.8889	24.9323	-1.8875	-0.0997	0.1607	-0.1635	6.3714
NE+4.35	B102	112	Psup	2.2037	26.0429	1.603	-0.0997	0.1607	-0.1321	6.4162
NE+4.35	B102	112	Psup	2.5186	27.1535	5.0934	-0.0997	0.1607	-0.1007	5.3622
NE+4.35	B102	112	Psup	2.8334	28.2641	8.5839	-0.0997	0.1607	-0.0693	3.2092
NE+4.35	B102	112	Psup	3.1482	29.3747	12.0743	-0.0997	0.1607	-0.038	-0.0426
NE+4.35	B102	112	Psup	3.463	30.4853	15.5648	-0.0997	0.1607	-0.0066	-4.3932
NE+4.35	B102	112	Viva.cub	0	0.0702	-0.07	-0.0002	-0.0043	-0.0012	-0.1558
NE+4.35	B102	112	Viva.cub	0.3148	0.0702	-0.07	-0.0002	-0.0043	-0.0011	-0.1337
NE+4.35	B102	112	Viva.cub	0.6296	0.0702	-0.07	-0.0002	-0.0043	-0.0011	-0.1117
NE+4.35	B102	112	Viva.cub	0.9445	0.0702	-0.07	-0.0002	-0.0043	-0.001	-0.0896
NE+4.35	B102	112	Viva.cub	1.2593	0.0702	-0.07	-0.0002	-0.0043	-0.0009	-0.0676
NE+4.35	B102	112	Viva.cub	1.5741	0.0702	-0.07	-0.0002	-0.0043	-0.0008	-0.0455
NE+4.35	B102	112	Viva.cub	1.8889	0.0702	-0.07	-0.0002	-0.0043	-0.0008	-0.0235
NE+4.35	B102	112	Viva.cub	2.2037	0.0702	-0.07	-0.0002	-0.0043	-0.0007	-0.0014
NE+4.35	B102	112	Viva.cub	2.5186	0.0702	-0.07	-0.0002	-0.0043	-0.0006	0.0206
NE+4.35	B102	112	Viva.cub	2.8334	0.0702	-0.07	-0.0002	-0.0043	-0.0005	0.0427
NE+4.35	B102	112	Viva.cub	3.1482	0.0702	-0.07	-0.0002	-0.0043	-0.0004	0.0647
NE+4.35	B102	112	Viva.cub	3.463	0.0702	-0.07	-0.0002	-0.0043	-0.0004	0.0868
NE+4.35	B102	112	DISX-COMB Max	0	88.2666	4.617	0.749	0.4206	1.8552	11.3156
NE+4.35	B102	112	DISX-COMB Max	0.3148	88.2666	4.617	0.749	0.4206	1.6194	9.8757
NE+4.35	B102	112	DISX-COMB Max	0.6296	88.2666	4.617	0.749	0.4206	1.3837	8.4405
NE+4.35	B102	112	DISX-COMB Max	0.9445	88.2666	4.617	0.749	0.4206	1.148	7.0129
NE+4.35	B102	112	DISX-COMB Max	1.2593	88.2666	4.617	0.749	0.4206	0.9123	5.5986
NE+4.35	B102	112	DISX-COMB Max	1.5741	88.2666	4.617	0.749	0.4206	0.6766	4.2111
NE+4.35	B102	112	DISX-COMB Max	1.8889	88.2666	4.617	0.749	0.4206	0.4412	2.8893
NE+4.35	B102	112	DISX-COMB Max	2.2037	88.2666	4.617	0.749	0.4206	0.2065	1.7856
NE+4.35	B102	112	DISX-COMB Max	2.5186	88.2666	4.617	0.749	0.4206	0.0431	1.5014

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B102	112	DISX-COMB Max	2.8334	88.2666	4.617	0.749	0.4206	0.2688	2.355
NE+4.35	B102	112	DISX-COMB Max	3.1482	88.2666	4.617	0.749	0.4206	0.5038	3.6142
NE+4.35	B102	112	DISX-COMB Max	3.463	88.2666	4.617	0.749	0.4206	0.7394	4.9805
NE+4.35	B102	112	DISY-COMB Max	0	14.3646	16.8361	0.0596	1.2807	0.3612	38.5451
NE+4.35	B102	112	DISY-COMB Max	0.3148	14.3646	16.8361	0.0596	1.2807	0.3437	33.2449
NE+4.35	B102	112	DISY-COMB Max	0.6296	14.3646	16.8361	0.0596	1.2807	0.3262	27.9446
NE+4.35	B102	112	DISY-COMB Max	0.9445	14.3646	16.8361	0.0596	1.2807	0.3089	22.6445
NE+4.35	B102	112	DISY-COMB Max	1.2593	14.3646	16.8361	0.0596	1.2807	0.2918	17.3444
NE+4.35	B102	112	DISY-COMB Max	1.5741	14.3646	16.8361	0.0596	1.2807	0.2749	12.0445
NE+4.35	B102	112	DISY-COMB Max	1.8889	14.3646	16.8361	0.0596	1.2807	0.2583	6.7455
NE+4.35	B102	112	DISY-COMB Max	2.2037	14.3646	16.8361	0.0596	1.2807	0.242	1.4554
NE+4.35	B102	112	DISY-COMB Max	2.5186	14.3646	16.8361	0.0596	1.2807	0.226	3.8629
NE+4.35	B102	112	DISY-COMB Max	2.8334	14.3646	16.8361	0.0596	1.2807	0.2106	9.1604
NE+4.35	B102	112	DISY-COMB Max	3.1482	14.3646	16.8361	0.0596	1.2807	0.1957	14.46
NE+4.35	B102	112	DISY-COMB Max	3.463	14.3646	16.8361	0.0596	1.2807	0.1815	19.76
NE+4.35	B102	112	B241	0	36.1268	-37.409	-0.195	0.4147	-0.6717	-32.3023
NE+4.35	B102	112	B241	0.3148	37.8551	-31.9772	-0.195	0.4147	-0.6103	-21.3802
NE+4.35	B102	112	B241	0.6296	39.5834	-26.5453	-0.195	0.4147	-0.5489	-12.1682
NE+4.35	B102	112	B241	0.9445	41.3117	-21.1135	-0.195	0.4147	-0.4875	-4.6662
NE+4.35	B102	112	B241	1.2593	43.04	-15.6816	-0.195	0.4147	-0.4261	1.1257
NE+4.35	B102	112	B241	1.5741	44.7684	-10.2497	-0.195	0.4147	-0.3648	5.2075
NE+4.35	B102	112	B241	1.8889	46.4967	-4.8179	-0.195	0.4147	-0.3034	7.5793
NE+4.35	B102	112	B241	2.2037	48.225	0.614	-0.195	0.4147	-0.242	8.2411
NE+4.35	B102	112	B241	2.5186	49.9533	6.0458	-0.195	0.4147	-0.1806	7.1927
NE+4.35	B102	112	B241	2.8334	51.6816	11.4777	-0.195	0.4147	-0.1192	4.4344
NE+4.35	B102	112	B241	3.1482	53.41	16.9096	-0.195	0.4147	-0.0579	-0.0341
NE+4.35	B102	112	B241	3.463	55.1383	22.3414	-0.195	0.4147	0.0035	-6.2126
NE+4.35	B102	112	B242	0	53.8448	-66.9356	-0.3111	0.7382	-1.0519	-49.4449
NE+4.35	B102	112	B242	0.3148	57.0559	-56.8437	-0.3111	0.7382	-0.954	-29.9608
NE+4.35	B102	112	B242	0.6296	60.2669	-46.7518	-0.3111	0.7382	-0.856	-13.6538
NE+4.35	B102	112	B242	0.9445	63.478	-36.6599	-0.3111	0.7382	-0.758	-0.524
NE+4.35	B102	112	B242	1.2593	66.689	-26.5681	-0.3111	0.7382	-0.6601	9.4287
NE+4.35	B102	112	B242	1.5741	69.9001	-16.4762	-0.3111	0.7382	-0.5621	16.2043
NE+4.35	B102	112	B242	1.8889	73.1112	-6.3843	-0.3111	0.7382	-0.4642	19.8028
NE+4.35	B102	112	B242	2.2037	76.3222	3.7076	-0.3111	0.7382	-0.3662	20.2241
NE+4.35	B102	112	B242	2.5186	79.5333	13.7995	-0.3111	0.7382	-0.2683	17.4683
NE+4.35	B102	112	B242	2.8334	82.7443	23.8913	-0.3111	0.7382	-0.1703	11.5354
NE+4.35	B102	112	B242	3.1482	85.9554	33.9832	-0.3111	0.7382	-0.0724	2.4254
NE+4.35	B102	112	B242	3.463	89.1664	44.0751	-0.3111	0.7382	0.0256	-9.8617
NE+4.35	B104	114	Pprop	0	5.9202	-6.1222	0.1057	-0.4281	0.25	-8.5041
NE+4.35	B104	114	Pprop	0.3148	6.1429	-5.4224	0.1057	-0.4281	0.2167	-6.6869
NE+4.35	B104	114	Pprop	0.6296	6.3656	-4.7226	0.1057	-0.4281	0.1834	-5.09
NE+4.35	B104	114	Pprop	0.9445	6.5882	-4.0227	0.1057	-0.4281	0.1502	-3.7134
NE+4.35	B104	114	Pprop	1.2593	6.8109	-3.3229	0.1057	-0.4281	0.1169	-2.5571
NE+4.35	B104	114	Pprop	1.5741	7.0336	-2.623	0.1057	-0.4281	0.0836	-1.6212

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B104	114	Pprop	1.8889	7.2563	-1.9232	0.1057	-0.4281	0.0503	-0.9055
NE+4.35	B104	114	Pprop	2.2037	7.4789	-1.2234	0.1057	-0.4281	0.0171	-0.4102
NE+4.35	B104	114	Pprop	2.5186	7.7016	-0.5235	0.1057	-0.4281	-0.0162	-0.1353
NE+4.35	B104	114	Pprop	2.8334	7.9243	0.1763	0.1057	-0.4281	-0.0495	-0.0806
NE+4.35	B104	114	Pprop	3.1482	8.147	0.8762	0.1057	-0.4281	-0.0827	-0.2463
NE+4.35	B104	114	Pprop	3.463	8.3696	1.576	0.1057	-0.4281	-0.116	-0.6323
NE+4.35	B104	114	Viva	0	8.4112	-19.3409	0.2051	-0.6983	0.4902	-14.2395
NE+4.35	B104	114	Viva	0.3148	9.3539	-16.3784	0.2051	-0.6983	0.4256	-8.6169
NE+4.35	B104	114	Viva	0.6296	10.2965	-13.4159	0.2051	-0.6983	0.361	-3.927
NE+4.35	B104	114	Viva	0.9445	11.2391	-10.4534	0.2051	-0.6983	0.2964	-0.1697
NE+4.35	B104	114	Viva	1.2593	12.1817	-7.4909	0.2051	-0.6983	0.2319	2.6549
NE+4.35	B104	114	Viva	1.5741	13.1243	-4.5284	0.2051	-0.6983	0.1673	4.5469
NE+4.35	B104	114	Viva	1.8889	14.0669	-1.5659	0.2051	-0.6983	0.1027	5.5062
NE+4.35	B104	114	Viva	2.2037	15.0095	1.3966	0.2051	-0.6983	0.0381	5.5328
NE+4.35	B104	114	Viva	2.5186	15.9522	4.3591	0.2051	-0.6983	-0.0264	4.6268
NE+4.35	B104	114	Viva	2.8334	16.8948	7.3216	0.2051	-0.6983	-0.091	2.7882
NE+4.35	B104	114	Viva	3.1482	17.8374	10.2841	0.2051	-0.6983	-0.1556	0.0169
NE+4.35	B104	114	Viva	3.463	18.78	13.2466	0.2051	-0.6983	-0.2202	-3.6871
NE+4.35	B104	114	Psup	0	9.7313	-18.3513	0.2213	-0.545	0.5362	-16.9613
NE+4.35	B104	114	Psup	0.3148	10.5864	-15.6637	0.2213	-0.545	0.4665	-11.607
NE+4.35	B104	114	Psup	0.6296	11.4415	-12.9762	0.2213	-0.545	0.3968	-7.0988
NE+4.35	B104	114	Psup	0.9445	12.2967	-10.2886	0.2213	-0.545	0.3272	-3.4367
NE+4.35	B104	114	Psup	1.2593	13.1518	-7.601	0.2213	-0.545	0.2575	-0.6207
NE+4.35	B104	114	Psup	1.5741	14.007	-4.9134	0.2213	-0.545	0.1878	1.3492
NE+4.35	B104	114	Psup	1.8889	14.8621	-2.2258	0.2213	-0.545	0.1182	2.473
NE+4.35	B104	114	Psup	2.2037	15.7172	0.4617	0.2213	-0.545	0.0485	2.7507
NE+4.35	B104	114	Psup	2.5186	16.5724	3.1493	0.2213	-0.545	-0.0212	2.1823
NE+4.35	B104	114	Psup	2.8334	17.4275	5.8369	0.2213	-0.545	-0.0909	0.7678
NE+4.35	B104	114	Psup	3.1482	18.2827	8.5245	0.2213	-0.545	-0.1605	-1.4929
NE+4.35	B104	114	Psup	3.463	19.1378	11.2121	0.2213	-0.545	-0.2302	-4.5996
NE+4.35	B104	114	Viva.cub	0	0.0582	-0.0682	0.0003	0.0064	0.0014	-0.1471
NE+4.35	B104	114	Viva.cub	0.3148	0.0582	-0.0682	0.0003	0.0064	0.0013	-0.1256
NE+4.35	B104	114	Viva.cub	0.6296	0.0582	-0.0682	0.0003	0.0064	0.0012	-0.1041
NE+4.35	B104	114	Viva.cub	0.9445	0.0582	-0.0682	0.0003	0.0064	0.001	-0.0827
NE+4.35	B104	114	Viva.cub	1.2593	0.0582	-0.0682	0.0003	0.0064	0.0009	-0.0612
NE+4.35	B104	114	Viva.cub	1.5741	0.0582	-0.0682	0.0003	0.0064	0.0008	-0.0397
NE+4.35	B104	114	Viva.cub	1.8889	0.0582	-0.0682	0.0003	0.0064	0.0007	-0.0182
NE+4.35	B104	114	Viva.cub	2.2037	0.0582	-0.0682	0.0003	0.0064	0.0006	0.0033
NE+4.35	B104	114	Viva.cub	2.5186	0.0582	-0.0682	0.0003	0.0064	0.0005	0.0248
NE+4.35	B104	114	Viva.cub	2.8334	0.0582	-0.0682	0.0003	0.0064	0.0004	0.0462
NE+4.35	B104	114	Viva.cub	3.1482	0.0582	-0.0682	0.0003	0.0064	0.0003	0.0677
NE+4.35	B104	114	Viva.cub	3.463	0.0582	-0.0682	0.0003	0.0064	0.0002	0.0892
NE+4.35	B104	114	DISX-COMB Max	0	131.8621	8.7422	0.7985	0.9432	1.5189	18.358
NE+4.35	B104	114	DISX-COMB Max	0.3148	131.8621	8.7422	0.7985	0.9432	1.268	15.6083
NE+4.35	B104	114	DISX-COMB Max	0.6296	131.8621	8.7422	0.7985	0.9432	1.0172	12.8597

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B104	114	DISX-COMB Max	0.9445	131.8621	8.7422	0.7985	0.9432	0.7669	10.1131
NE+4.35	B104	114	DISX-COMB Max	1.2593	131.8621	8.7422	0.7985	0.9432	0.5175	7.3707
NE+4.35	B104	114	DISX-COMB Max	1.5741	131.8621	8.7422	0.7985	0.9432	0.2719	4.6399
NE+4.35	B104	114	DISX-COMB Max	1.8889	131.8621	8.7422	0.7985	0.9432	0.0799	1.9696
NE+4.35	B104	114	DISX-COMB Max	2.2037	131.8621	8.7422	0.7985	0.9432	0.2554	1.1745
NE+4.35	B104	114	DISX-COMB Max	2.5186	131.8621	8.7422	0.7985	0.9432	0.5005	3.7455
NE+4.35	B104	114	DISX-COMB Max	2.8334	131.8621	8.7422	0.7985	0.9432	0.7497	6.4674
NE+4.35	B104	114	DISX-COMB Max	3.1482	131.8621	8.7422	0.7985	0.9432	1	9.2073
NE+4.35	B104	114	DISX-COMB Max	3.463	131.8621	8.7422	0.7985	0.9432	1.2507	11.9529
NE+4.35	B104	114	DISY-COMB Max	0	19.4832	17.4615	0.0491	1.6947	0.2762	38.533
NE+4.35	B104	114	DISY-COMB Max	0.3148	19.4832	17.4615	0.0491	1.6947	0.2637	33.0358
NE+4.35	B104	114	DISY-COMB Max	0.6296	19.4832	17.4615	0.0491	1.6947	0.2515	27.5386
NE+4.35	B104	114	DISY-COMB Max	0.9445	19.4832	17.4615	0.0491	1.6947	0.2397	22.0414
NE+4.35	B104	114	DISY-COMB Max	1.2593	19.4832	17.4615	0.0491	1.6947	0.2284	16.5442
NE+4.35	B104	114	DISY-COMB Max	1.5741	19.4832	17.4615	0.0491	1.6947	0.2175	11.0472
NE+4.35	B104	114	DISY-COMB Max	1.8889	19.4832	17.4615	0.0491	1.6947	0.2073	5.5504
NE+4.35	B104	114	DISY-COMB Max	2.2037	19.4832	17.4615	0.0491	1.6947	0.1977	0.1166
NE+4.35	B104	114	DISY-COMB Max	2.5186	19.4832	17.4615	0.0491	1.6947	0.1889	5.446
NE+4.35	B104	114	DISY-COMB Max	2.8334	19.4832	17.4615	0.0491	1.6947	0.181	10.9427
NE+4.35	B104	114	DISY-COMB Max	3.1482	19.4832	17.4615	0.0491	1.6947	0.1741	16.4398
NE+4.35	B104	114	DISY-COMB Max	3.463	19.4832	17.4615	0.0491	1.6947	0.1684	21.9369
NE+4.35	B104	114	B241	0	20.2889	-31.725	0.4239	-1.2615	1.0191	-33.0107
NE+4.35	B104	114	B241	0.3148	21.6861	-27.3339	0.4239	-1.2615	0.8856	-23.7143
NE+4.35	B104	114	B241	0.6296	23.0833	-22.9428	0.4239	-1.2615	0.7522	-15.8002
NE+4.35	B104	114	B241	0.9445	24.4804	-18.5517	0.4239	-1.2615	0.6187	-9.2686
NE+4.35	B104	114	B241	1.2593	25.8776	-14.1606	0.4239	-1.2615	0.4853	-4.1194
NE+4.35	B104	114	B241	1.5741	27.2748	-9.7695	0.4239	-1.2615	0.3519	-0.3525
NE+4.35	B104	114	B241	1.8889	28.6719	-5.3784	0.4239	-1.2615	0.2184	2.0319
NE+4.35	B104	114	B241	2.2037	30.0691	-0.9873	0.4239	-1.2615	0.085	3.0339
NE+4.35	B104	114	B241	2.5186	31.4663	3.4038	0.4239	-1.2615	-0.0485	2.6535
NE+4.35	B104	114	B241	2.8334	32.8634	7.7949	0.4239	-1.2615	-0.1819	0.8907
NE+4.35	B104	114	B241	3.1482	34.2606	12.186	0.4239	-1.2615	-0.3153	-2.2545
NE+4.35	B104	114	B241	3.463	35.6578	16.5771	0.4239	-1.2615	-0.4488	-6.7821
NE+4.35	B104	114	B242	0	30.8776	-58.1725	0.6917	-2.1954	1.6584	-51.1517
NE+4.35	B104	114	B242	0.3148	33.5833	-49.6687	0.6917	-2.1954	1.4407	-34.1764
NE+4.35	B104	114	B242	0.6296	36.2891	-41.1649	0.6917	-2.1954	1.2229	-19.8783
NE+4.35	B104	114	B242	0.9445	38.9949	-32.6611	0.6917	-2.1954	1.0052	-8.2574
NE+4.35	B104	114	B242	1.2593	41.7006	-24.1573	0.6917	-2.1954	0.7874	0.6864
NE+4.35	B104	114	B242	1.5741	44.4064	-15.6535	0.6917	-2.1954	0.5697	6.953
NE+4.35	B104	114	B242	1.8889	47.1121	-7.1497	0.6917	-2.1954	0.3519	10.5424
NE+4.35	B104	114	B242	2.2037	49.8179	1.3541	0.6917	-2.1954	0.1342	11.4547
NE+4.35	B104	114	B242	2.5186	52.5236	9.8579	0.6917	-2.1954	-0.0836	9.6898
NE+4.35	B104	114	B242	2.8334	55.2294	18.3617	0.6917	-2.1954	-0.3013	5.2477
NE+4.35	B104	114	B242	3.1482	57.9351	26.8655	0.6917	-2.1954	-0.5191	-1.8715
NE+4.35	B104	114	B242	3.463	60.6409	35.3693	0.6917	-2.1954	-0.7368	-11.6679

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B106	116	Pprop	0	15.0184	-7.4905	-0.031	-0.0136	-0.0463	-11.4669
NE+4.35	B106	116	Pprop	0.3148	15.241	-6.7907	-0.031	-0.0136	-0.0365	-9.2188
NE+4.35	B106	116	Pprop	0.6296	15.4637	-6.0908	-0.031	-0.0136	-0.0267	-7.1912
NE+4.35	B106	116	Pprop	0.9445	15.6864	-5.391	-0.031	-0.0136	-0.0169	-5.3838
NE+4.35	B106	116	Pprop	1.2593	15.9091	-4.6912	-0.031	-0.0136	-0.0072	-3.7968
NE+4.35	B106	116	Pprop	1.5741	16.1317	-3.9913	-0.031	-0.0136	0.0026	-2.4301
NE+4.35	B106	116	Pprop	1.8889	16.3544	-3.2915	-0.031	-0.0136	0.0124	-1.2837
NE+4.35	B106	116	Pprop	2.2037	16.5771	-2.5916	-0.031	-0.0136	0.0221	-0.3576
NE+4.35	B106	116	Pprop	2.5186	16.7998	-1.8918	-0.031	-0.0136	0.0319	0.3481
NE+4.35	B106	116	Pprop	2.8334	17.0225	-1.192	-0.031	-0.0136	0.0417	0.8335
NE+4.35	B106	116	Pprop	3.1482	17.2451	-0.4921	-0.031	-0.0136	0.0515	1.0986
NE+4.35	B106	116	Pprop	3.463	17.4678	0.2077	-0.031	-0.0136	0.0612	1.1434
NE+4.35	B106	116	Viva	0	29.3107	-13.2761	-0.0463	-0.19	-0.0862	-15.3944
NE+4.35	B106	116	Viva	0.3148	29.7832	-11.7911	-0.0463	-0.19	-0.0717	-11.4485
NE+4.35	B106	116	Viva	0.6296	30.2557	-10.3061	-0.0463	-0.19	-0.0571	-7.9702
NE+4.35	B106	116	Viva	0.9445	30.7282	-8.8211	-0.0463	-0.19	-0.0425	-4.9594
NE+4.35	B106	116	Viva	1.2593	31.2007	-7.3361	-0.0463	-0.19	-0.0279	-2.4161
NE+4.35	B106	116	Viva	1.5741	31.6732	-5.8511	-0.0463	-0.19	-0.0133	-0.3403
NE+4.35	B106	116	Viva	1.8889	32.1457	-4.3661	-0.0463	-0.19	0.0012	1.268
NE+4.35	B106	116	Viva	2.2037	32.6182	-2.8811	-0.0463	-0.19	0.0158	2.4088
NE+4.35	B106	116	Viva	2.5186	33.0907	-1.3961	-0.0463	-0.19	0.0304	3.082
NE+4.35	B106	116	Viva	2.8334	33.5632	0.0889	-0.0463	-0.19	0.045	3.2878
NE+4.35	B106	116	Viva	3.1482	34.0357	1.5739	-0.0463	-0.19	0.0596	3.0261
NE+4.35	B106	116	Viva	3.463	34.5082	3.0589	-0.0463	-0.19	0.0741	2.2968
NE+4.35	B106	116	Psup	0	30.5451	-15.7808	-0.064	-0.1768	-0.1041	-20.2172
NE+4.35	B106	116	Psup	0.3148	31.1036	-14.0254	-0.064	-0.1768	-0.084	-15.5254
NE+4.35	B106	116	Psup	0.6296	31.6622	-12.27	-0.064	-0.1768	-0.0638	-11.3863
NE+4.35	B106	116	Psup	0.9445	32.2207	-10.5145	-0.064	-0.1768	-0.0437	-7.7998
NE+4.35	B106	116	Psup	1.2593	32.7793	-8.7591	-0.064	-0.1768	-0.0235	-4.7659
NE+4.35	B106	116	Psup	1.5741	33.3378	-7.0037	-0.064	-0.1768	-0.0034	-2.2847
NE+4.35	B106	116	Psup	1.8889	33.8964	-5.2482	-0.064	-0.1768	0.0167	-0.3561
NE+4.35	B106	116	Psup	2.2037	34.4549	-3.4928	-0.064	-0.1768	0.0369	1.0198
NE+4.35	B106	116	Psup	2.5186	35.0135	-1.7374	-0.064	-0.1768	0.057	1.8431
NE+4.35	B106	116	Psup	2.8334	35.572	0.0181	-0.064	-0.1768	0.0772	2.1137
NE+4.35	B106	116	Psup	3.1482	36.1306	1.7735	-0.064	-0.1768	0.0973	1.8317
NE+4.35	B106	116	Psup	3.463	36.6891	3.5289	-0.064	-0.1768	0.1174	0.997
NE+4.35	B106	116	Viva.cub	0	0.119	-0.0423	-1.017E-05	-0.0017	-0.0004	-0.0992
NE+4.35	B106	116	Viva.cub	0.3148	0.119	-0.0423	-1.017E-05	-0.0017	-0.0004	-0.0859
NE+4.35	B106	116	Viva.cub	0.6296	0.119	-0.0423	-1.017E-05	-0.0017	-0.0004	-0.0726
NE+4.35	B106	116	Viva.cub	0.9445	0.119	-0.0423	-1.017E-05	-0.0017	-0.0004	-0.0593
NE+4.35	B106	116	Viva.cub	1.2593	0.119	-0.0423	-1.017E-05	-0.0017	-0.0003	-0.046
NE+4.35	B106	116	Viva.cub	1.5741	0.119	-0.0423	-1.017E-05	-0.0017	-0.0003	-0.0326
NE+4.35	B106	116	Viva.cub	1.8889	0.119	-0.0423	-1.017E-05	-0.0017	-0.0003	-0.0193
NE+4.35	B106	116	Viva.cub	2.2037	0.119	-0.0423	-1.017E-05	-0.0017	-0.0003	-0.006
NE+4.35	B106	116	Viva.cub	2.5186	0.119	-0.0423	-1.017E-05	-0.0017	-0.0003	0.0073

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B106	116	Viva.cub	2.8334	0.119	-0.0423	-1.017E-05	-0.0017	-0.0003	0.0206
NE+4.35	B106	116	Viva.cub	3.1482	0.119	-0.0423	-1.017E-05	-0.0017	-0.0003	0.034
NE+4.35	B106	116	Viva.cub	3.463	0.119	-0.0423	-1.017E-05	-0.0017	-0.0003	0.0473
NE+4.35	B106	116	DISX-COMB Max	0	67.9945	5.4885	0.4022	0.6161	1.9849	13.3567
NE+4.35	B106	116	DISX-COMB Max	0.3148	67.9945	5.4885	0.4022	0.6161	1.8583	11.6299
NE+4.35	B106	116	DISX-COMB Max	0.6296	67.9945	5.4885	0.4022	0.6161	1.7317	9.9034
NE+4.35	B106	116	DISX-COMB Max	0.9445	67.9945	5.4885	0.4022	0.6161	1.6052	8.1776
NE+4.35	B106	116	DISX-COMB Max	1.2593	67.9945	5.4885	0.4022	0.6161	1.4786	6.4528
NE+4.35	B106	116	DISX-COMB Max	1.5741	67.9945	5.4885	0.4022	0.6161	1.352	4.7304
NE+4.35	B106	116	DISX-COMB Max	1.8889	67.9945	5.4885	0.4022	0.6161	1.2255	3.0142
NE+4.35	B106	116	DISX-COMB Max	2.2037	67.9945	5.4885	0.4022	0.6161	1.0989	1.3287
NE+4.35	B106	116	DISX-COMB Max	2.5186	67.9945	5.4885	0.4022	0.6161	0.9724	0.6454
NE+4.35	B106	116	DISX-COMB Max	2.8334	67.9945	5.4885	0.4022	0.6161	0.8459	2.2447
NE+4.35	B106	116	DISX-COMB Max	3.1482	67.9945	5.4885	0.4022	0.6161	0.7195	3.9538
NE+4.35	B106	116	DISX-COMB Max	3.463	67.9945	5.4885	0.4022	0.6161	0.5931	5.6742
NE+4.35	B106	116	DISY-COMB Max	0	24.0919	10.3271	0.0199	0.4534	0.2171	25.1387
NE+4.35	B106	116	DISY-COMB Max	0.3148	24.0919	10.3271	0.0199	0.4534	0.2117	21.8875
NE+4.35	B106	116	DISY-COMB Max	0.6296	24.0919	10.3271	0.0199	0.4534	0.2064	18.6364
NE+4.35	B106	116	DISY-COMB Max	0.9445	24.0919	10.3271	0.0199	0.4534	0.2011	15.3853
NE+4.35	B106	116	DISY-COMB Max	1.2593	24.0919	10.3271	0.0199	0.4534	0.1958	12.1342
NE+4.35	B106	116	DISY-COMB Max	1.5741	24.0919	10.3271	0.0199	0.4534	0.1906	8.8832
NE+4.35	B106	116	DISY-COMB Max	1.8889	24.0919	10.3271	0.0199	0.4534	0.1855	5.6324
NE+4.35	B106	116	DISY-COMB Max	2.2037	24.0919	10.3271	0.0199	0.4534	0.1805	2.3827
NE+4.35	B106	116	DISY-COMB Max	2.5186	24.0919	10.3271	0.0199	0.4534	0.1755	0.8777
NE+4.35	B106	116	DISY-COMB Max	2.8334	24.0919	10.3271	0.0199	0.4534	0.1706	4.1236
NE+4.35	B106	116	DISY-COMB Max	3.1482	24.0919	10.3271	0.0199	0.4534	0.1658	7.3741
NE+4.35	B106	116	DISY-COMB Max	3.463	24.0919	10.3271	0.0199	0.4534	0.1611	10.625
NE+4.35	B106	116	B241	0	59.0637	-30.1666	-0.1232	-0.2469	-0.1949	-41.072
NE+4.35	B106	116	B241	0.3148	60.0764	-26.9838	-0.1232	-0.2469	-0.1561	-32.0759
NE+4.35	B106	116	B241	0.6296	61.0891	-23.801	-0.1232	-0.2469	-0.1174	-24.0819
NE+4.35	B106	116	B241	0.9445	62.1018	-20.6183	-0.1232	-0.2469	-0.0786	-17.0898
NE+4.35	B106	116	B241	1.2593	63.1145	-17.4355	-0.1232	-0.2469	-0.0398	-11.0998
NE+4.35	B106	116	B241	1.5741	64.1272	-14.2528	-0.1232	-0.2469	-0.001	-6.1117
NE+4.35	B106	116	B241	1.8889	65.1399	-11.07	-0.1232	-0.2469	0.0377	-2.1257
NE+4.35	B106	116	B241	2.2037	66.1526	-7.8872	-0.1232	-0.2469	0.0765	0.8584
NE+4.35	B106	116	B241	2.5186	67.1653	-4.7045	-0.1232	-0.2469	0.1153	2.8404
NE+4.35	B106	116	B241	2.8334	68.178	-1.5217	-0.1232	-0.2469	0.1541	3.8205
NE+4.35	B106	116	B241	3.1482	69.1907	1.661	-0.1232	-0.2469	0.1928	3.7986
NE+4.35	B106	116	B241	3.463	70.2034	4.8438	-0.1232	-0.2469	0.2316	2.7746
NE+4.35	B106	116	B242	0	97.5826	-47.12	-0.1797	-0.5165	-0.3053	-59.8851
NE+4.35	B106	116	B242	0.3148	99.2067	-42.0159	-0.1797	-0.5165	-0.2487	-45.8543
NE+4.35	B106	116	B242	0.6296	100.8307	-36.9118	-0.1797	-0.5165	-0.1921	-33.4303
NE+4.35	B106	116	B242	0.9445	102.4547	-31.8077	-0.1797	-0.5165	-0.1355	-22.6131
NE+4.35	B106	116	B242	1.2593	104.0787	-26.7037	-0.1797	-0.5165	-0.079	-13.4029
NE+4.35	B106	116	B242	1.5741	105.7028	-21.5996	-0.1797	-0.5165	-0.0224	-5.7995

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B106	116	B242	1.8889	107.3268	-16.4955	-0.1797	-0.5165	0.0342	0.1971
NE+4.35	B106	116	B242	2.2037	108.9508	-11.3914	-0.1797	-0.5165	0.0907	4.5868
NE+4.35	B106	116	B242	2.5186	110.5749	-6.2873	-0.1797	-0.5165	0.1473	7.3696
NE+4.35	B106	116	B242	2.8334	112.1989	-1.1833	-0.1797	-0.5165	0.2039	8.5455
NE+4.35	B106	116	B242	3.1482	113.8229	3.9208	-0.1797	-0.5165	0.2604	8.1146
NE+4.35	B106	116	B242	3.463	115.4469	9.0249	-0.1797	-0.5165	0.317	6.0768
NE+4.35	B1	145	Pprop	0.268	-15.954	-4.0403	-0.2908	-0.1504	-0.5613	-2.9768
NE+4.35	B1	145	Pprop	0.5341	-15.6717	-3.153	-0.2908	-0.1504	-0.484	-2.0198
NE+4.35	B1	145	Pprop	0.8002	-15.3894	-2.2657	-0.2908	-0.1504	-0.4066	-1.2989
NE+4.35	B1	145	Pprop	1.0663	-15.1071	-1.3784	-0.2908	-0.1504	-0.3292	-0.814
NE+4.35	B1	145	Pprop	1.3324	-14.8247	-0.4911	-0.2908	-0.1504	-0.2519	-0.5653
NE+4.35	B1	145	Pprop	1.5985	-14.5424	0.3962	-0.2908	-0.1504	-0.1745	-0.5527
NE+4.35	B1	145	Pprop	1.8646	-14.2601	1.2835	-0.2908	-0.1504	-0.0971	-0.7761
NE+4.35	B1	145	Pprop	2.1307	-13.9778	2.1707	-0.2908	-0.1504	-0.0197	-1.2357
NE+4.35	B1	145	Pprop	2.3967	-13.6955	3.058	-0.2908	-0.1504	0.0576	-1.9314
NE+4.35	B1	145	Pprop	2.6628	-13.4132	3.9453	-0.2908	-0.1504	0.135	-2.8631
NE+4.35	B1	145	Pprop	2.9289	-13.1308	4.8326	-0.2908	-0.1504	0.2124	-4.031
NE+4.35	B1	145	Pprop	3.195	-12.8485	5.7199	-0.2908	-0.1504	0.2897	-5.435
NE+4.35	B1	145	Viva	0.268	-38.4811	1.9177	-0.4576	-0.2064	-0.8584	-0.0167
NE+4.35	B1	145	Viva	0.5341	-38.4811	1.9177	-0.4576	-0.2064	-0.7366	-0.527
NE+4.35	B1	145	Viva	0.8002	-38.4811	1.9177	-0.4576	-0.2064	-0.6149	-1.0373
NE+4.35	B1	145	Viva	1.0663	-38.4811	1.9177	-0.4576	-0.2064	-0.4931	-1.5476
NE+4.35	B1	145	Viva	1.3324	-38.4811	1.9177	-0.4576	-0.2064	-0.3714	-2.0579
NE+4.35	B1	145	Viva	1.5985	-38.4811	1.9177	-0.4576	-0.2064	-0.2496	-2.5682
NE+4.35	B1	145	Viva	1.8646	-38.4811	1.9177	-0.4576	-0.2064	-0.1279	-3.0785
NE+4.35	B1	145	Viva	2.1307	-38.4811	1.9177	-0.4576	-0.2064	-0.0061	-3.5887
NE+4.35	B1	145	Viva	2.3967	-38.4811	1.9177	-0.4576	-0.2064	0.1156	-4.099
NE+4.35	B1	145	Viva	2.6628	-38.4811	1.9177	-0.4576	-0.2064	0.2374	-4.6093
NE+4.35	B1	145	Viva	2.9289	-38.4811	1.9177	-0.4576	-0.2064	0.3591	-5.1196
NE+4.35	B1	145	Viva	3.195	-38.4811	1.9177	-0.4576	-0.2064	0.4809	-5.6299
NE+4.35	B1	145	Psup	0.268	-13.0433	3.009	-0.5668	-0.3796	-1.0428	-2.0576
NE+4.35	B1	145	Psup	0.5341	-13.0433	3.009	-0.5668	-0.3796	-0.892	-2.8583
NE+4.35	B1	145	Psup	0.8002	-13.0433	3.009	-0.5668	-0.3796	-0.7411	-3.6589
NE+4.35	B1	145	Psup	1.0663	-13.0433	3.009	-0.5668	-0.3796	-0.5903	-4.4596
NE+4.35	B1	145	Psup	1.3324	-13.0433	3.009	-0.5668	-0.3796	-0.4395	-5.2603
NE+4.35	B1	145	Psup	1.5985	-13.0433	3.009	-0.5668	-0.3796	-0.2886	-6.061
NE+4.35	B1	145	Psup	1.8646	-13.0433	3.009	-0.5668	-0.3796	-0.1378	-6.8617
NE+4.35	B1	145	Psup	2.1307	-13.0433	3.009	-0.5668	-0.3796	0.013	-7.6624
NE+4.35	B1	145	Psup	2.3967	-13.0433	3.009	-0.5668	-0.3796	0.1639	-8.4631
NE+4.35	B1	145	Psup	2.6628	-13.0433	3.009	-0.5668	-0.3796	0.3147	-9.2637
NE+4.35	B1	145	Psup	2.9289	-13.0433	3.009	-0.5668	-0.3796	0.4655	-10.0644
NE+4.35	B1	145	Psup	3.195	-13.0433	3.009	-0.5668	-0.3796	0.6163	-10.8651
NE+4.35	B1	145	Viva.cub	0.268	-0.396	-0.5536	0.0012	-0.0053	0.0018	-0.8352
NE+4.35	B1	145	Viva.cub	0.5341	-0.396	-0.5536	0.0012	-0.0053	0.0014	-0.6879
NE+4.35	B1	145	Viva.cub	0.8002	-0.396	-0.5536	0.0012	-0.0053	0.0011	-0.5406

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B1	145	Viva.cub	1.0663	-0.396	-0.5536	0.0012	-0.0053	0.0008	-0.3933
NE+4.35	B1	145	Viva.cub	1.3324	-0.396	-0.5536	0.0012	-0.0053	0.0005	-0.246
NE+4.35	B1	145	Viva.cub	1.5985	-0.396	-0.5536	0.0012	-0.0053	0.0002	-0.0987
NE+4.35	B1	145	Viva.cub	1.8646	-0.396	-0.5536	0.0012	-0.0053	-0.0001	0.0486
NE+4.35	B1	145	Viva.cub	2.1307	-0.396	-0.5536	0.0012	-0.0053	-0.0005	0.1959
NE+4.35	B1	145	Viva.cub	2.3967	-0.396	-0.5536	0.0012	-0.0053	-0.0008	0.3432
NE+4.35	B1	145	Viva.cub	2.6628	-0.396	-0.5536	0.0012	-0.0053	-0.0011	0.4906
NE+4.35	B1	145	Viva.cub	2.9289	-0.396	-0.5536	0.0012	-0.0053	-0.0014	0.6379
NE+4.35	B1	145	Viva.cub	3.195	-0.396	-0.5536	0.0012	-0.0053	-0.0017	0.7852
NE+4.35	B1	145	DISX-COMB Max	0.268	85.8031	94.3017	7.8752	2.3388	20.0286	146.8132
NE+4.35	B1	145	DISX-COMB Max	0.5341	85.8031	94.3017	7.8752	2.3388	17.9334	121.7234
NE+4.35	B1	145	DISX-COMB Max	0.8002	85.8031	94.3017	7.8752	2.3388	15.8383	96.6354
NE+4.35	B1	145	DISX-COMB Max	1.0663	85.8031	94.3017	7.8752	2.3388	13.7433	71.551
NE+4.35	B1	145	DISX-COMB Max	1.3324	85.8031	94.3017	7.8752	2.3388	11.6485	46.4761
NE+4.35	B1	145	DISX-COMB Max	1.5985	85.8031	94.3017	7.8752	2.3388	9.554	21.4439
NE+4.35	B1	145	DISX-COMB Max	1.8646	85.8031	94.3017	7.8752	2.3388	7.4601	4.3573
NE+4.35	B1	145	DISX-COMB Max	2.1307	85.8031	94.3017	7.8752	2.3388	5.3675	28.939
NE+4.35	B1	145	DISX-COMB Max	2.3967	85.8031	94.3017	7.8752	2.3388	3.2788	53.9933
NE+4.35	B1	145	DISX-COMB Max	2.6628	85.8031	94.3017	7.8752	2.3388	1.2136	79.0722
NE+4.35	B1	145	DISX-COMB Max	2.9289	85.8031	94.3017	7.8752	2.3388	0.989	104.158
NE+4.35	B1	145	DISX-COMB Max	3.195	85.8031	94.3017	7.8752	2.3388	3.044	129.2467
NE+4.35	B1	145	DISY-COMB Max	0.268	144.9556	134.4849	0.5251	0.5242	1.4284	206.3953
NE+4.35	B1	145	DISY-COMB Max	0.5341	144.9556	134.4849	0.5251	0.5242	1.2888	170.6096
NE+4.35	B1	145	DISY-COMB Max	0.8002	144.9556	134.4849	0.5251	0.5242	1.1493	134.824
NE+4.35	B1	145	DISY-COMB Max	1.0663	144.9556	134.4849	0.5251	0.5242	1.0097	99.0384
NE+4.35	B1	145	DISY-COMB Max	1.3324	144.9556	134.4849	0.5251	0.5242	0.8703	63.2529
NE+4.35	B1	145	DISY-COMB Max	1.5985	144.9556	134.4849	0.5251	0.5242	0.7309	27.4678
NE+4.35	B1	145	DISY-COMB Max	1.8646	144.9556	134.4849	0.5251	0.5242	0.5917	8.3224
NE+4.35	B1	145	DISY-COMB Max	2.1307	144.9556	134.4849	0.5251	0.5242	0.4529	44.1053
NE+4.35	B1	145	DISY-COMB Max	2.3967	144.9556	134.4849	0.5251	0.5242	0.3148	79.8906
NE+4.35	B1	145	DISY-COMB Max	2.6628	144.9556	134.4849	0.5251	0.5242	0.1793	115.6762
NE+4.35	B1	145	DISY-COMB Max	2.9289	144.9556	134.4849	0.5251	0.5242	0.0653	151.4618
NE+4.35	B1	145	DISY-COMB Max	3.195	144.9556	134.4849	0.5251	0.5242	0.1241	187.2475
NE+4.35	B1	145	B241	0.268	-37.5892	-1.3368	-1.1117	-0.6871	-2.0794	-6.5261
NE+4.35	B1	145	B241	0.5341	-37.2232	-0.1866	-1.1117	-0.6871	-1.7836	-6.3234
NE+4.35	B1	145	B241	0.8002	-36.8572	0.9636	-1.1117	-0.6871	-1.4878	-6.4268
NE+4.35	B1	145	B241	1.0663	-36.4913	2.1138	-1.1117	-0.6871	-1.192	-6.8362
NE+4.35	B1	145	B241	1.3324	-36.1253	3.264	-1.1117	-0.6871	-0.8962	-7.5517
NE+4.35	B1	145	B241	1.5985	-35.7593	4.4141	-1.1117	-0.6871	-0.6003	-8.5733
NE+4.35	B1	145	B241	1.8646	-35.3934	5.5643	-1.1117	-0.6871	-0.3045	-9.9009
NE+4.35	B1	145	B241	2.1307	-35.0274	6.7145	-1.1117	-0.6871	-0.0087	-11.5345
NE+4.35	B1	145	B241	2.3967	-34.6614	7.8647	-1.1117	-0.6871	0.2871	-13.4743
NE+4.35	B1	145	B241	2.6628	-34.2955	9.0149	-1.1117	-0.6871	0.5829	-15.72
NE+4.35	B1	145	B241	2.9289	-33.9295	10.1651	-1.1117	-0.6871	0.8787	-18.2719
NE+4.35	B1	145	B241	3.195	-33.5635	11.3153	-1.1117	-0.6871	1.1746	-21.1298

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+4.35	B1	145	B242	0.268	-93.987	1.6457	-1.6844	-0.9218	-3.1549	-6.0382
NE+4.35	B1	145	B242	0.5341	-93.6733	2.6316	-1.6844	-0.9218	-2.7067	-6.6072
NE+4.35	B1	145	B242	0.8002	-93.3596	3.6175	-1.6844	-0.9218	-2.2585	-7.4387
NE+4.35	B1	145	B242	1.0663	-93.0459	4.6033	-1.6844	-0.9218	-1.8103	-8.5324
NE+4.35	B1	145	B242	1.3324	-92.7323	5.5892	-1.6844	-0.9218	-1.3621	-9.8885
NE+4.35	B1	145	B242	1.5985	-92.4186	6.5751	-1.6844	-0.9218	-0.9139	-11.5069
NE+4.35	B1	145	B242	1.8646	-92.1049	7.5609	-1.6844	-0.9218	-0.4657	-13.3877
NE+4.35	B1	145	B242	2.1307	-91.7912	8.5468	-1.6844	-0.9218	-0.0175	-15.5308
NE+4.35	B1	145	B242	2.3967	-91.4775	9.5327	-1.6844	-0.9218	0.4307	-17.9362
NE+4.35	B1	145	B242	2.6628	-91.1638	10.5186	-1.6844	-0.9218	0.8789	-20.604
NE+4.35	B1	145	B242	2.9289	-90.8501	11.5044	-1.6844	-0.9218	1.3271	-23.5341
NE+4.35	B1	145	B242	3.195	-90.5365	12.4903	-1.6844	-0.9218	1.7753	-26.7265
NE+3.30	B56	66	Pprop	0.225	0	-7.0482	0	-0.4848	0	-5.272
NE+3.30	B56	66	Pprop	0.9214	0	-4.6115	0	-0.4848	0	-1.2123
NE+3.30	B56	66	Pprop	1.6177	0	-2.1748	0	-0.4848	0	1.1506
NE+3.30	B56	66	Pprop	2.3141	0	0.2619	0	-0.4848	0	1.8166
NE+3.30	B56	66	Pprop	2.7	0	1.6123	0	-0.4848	0	1.455
NE+3.30	B56	66	Pprop	2.7	0	-5.3057	0	-0.0434	0	0.7338
NE+3.30	B56	66	Pprop	3.0105	0	-4.2194	0	-0.0434	0	2.2124
NE+3.30	B56	66	Pprop	3.7068	0	-1.7827	0	-0.0434	0	4.3022
NE+3.30	B56	66	Pprop	4.4032	0	0.654	0	-0.0434	0	4.6952
NE+3.30	B56	66	Pprop	5.0995	0	3.0908	0	-0.0434	0	3.3913
NE+3.30	B56	66	Pprop	5.41	0	4.1771	0	-0.0434	0	2.2632
NE+3.30	B56	66	Pprop	5.41	0	0.14	0	0.2466	0	2.5269
NE+3.30	B56	66	Pprop	5.7959	0	1.4904	0	0.2466	0	2.2123
NE+3.30	B56	66	Pprop	6.4923	0	3.9271	0	0.2466	0	0.326
NE+3.30	B56	66	Pprop	7.1886	0	6.3638	0	0.2466	0	-3.2571
NE+3.30	B56	66	Pprop	7.885	0	8.8006	0	0.2466	0	-8.5371
NE+3.30	B56	66	Viva	0.225	0	-10.6786	0	1.4841	0	-10.6405
NE+3.30	B56	66	Viva	0.9214	0	-8.7015	0	1.4841	0	-3.7579
NE+3.30	B56	66	Viva	1.6177	0	-5.7942	0	1.4841	0	1.2892
NE+3.30	B56	66	Viva	2.3141	0	-3.3911	0	1.4841	0	4.3873
NE+3.30	B56	66	Viva	2.7	0	-3.0188	0	1.4841	0	5.6002
NE+3.30	B56	66	Viva	2.7	0	-4.5507	0	-0.0314	0	4.4377
NE+3.30	B56	66	Viva	3.0105	0	-4.3098	0	-0.0314	0	5.8256
NE+3.30	B56	66	Viva	3.7068	0	-2.0903	0	-0.0314	0	8.1732
NE+3.30	B56	66	Viva	4.4032	0	0.817	0	-0.0314	0	8.6166
NE+3.30	B56	66	Viva	5.0995	0	3.0364	0	-0.0314	0	7.1557
NE+3.30	B56	66	Viva	5.41	0	3.2774	0	-0.0314	0	6.1631
NE+3.30	B56	66	Viva	5.41	0	5.9333	0	-1.6766	0	7.3568
NE+3.30	B56	66	Viva	5.7959	0	6.3056	0	-1.6766	0	5.0192
NE+3.30	B56	66	Viva	6.4923	0	8.7087	0	-1.6766	0	-0.1084
NE+3.30	B56	66	Viva	7.1886	0	11.616	0	-1.6766	0	-7.1851
NE+3.30	B56	66	Viva	7.885	0	13.5931	0	-1.6766	0	-16.0972
NE+3.30	B56	66	Psup	0.225	0	-12.135	0	0.9927	0	-11.5993

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B56	66	Psup	0.9214	0	-9.4873	0	0.9927	0	-3.8903
NE+3.30	B56	66	Psup	1.6177	0	-5.5938	0	0.9927	0	1.3606
NE+3.30	B56	66	Psup	2.3141	0	-2.3755	0	0.9927	0	4.0014
NE+3.30	B56	66	Psup	2.7	0	-1.8769	0	0.9927	0	4.7898
NE+3.30	B56	66	Psup	2.7	0	-7.0618	0	-0.0235	0	2.9642
NE+3.30	B56	66	Psup	3.0105	0	-6.7392	0	-0.0235	0	5.1232
NE+3.30	B56	66	Psup	3.7068	0	-3.7669	0	-0.0235	0	8.9408
NE+3.30	B56	66	Psup	4.4032	0	0.1266	0	-0.0235	0	10.2083
NE+3.30	B56	66	Psup	5.0995	0	3.0989	0	-0.0235	0	8.9256
NE+3.30	B56	66	Psup	5.41	0	3.4216	0	-0.0235	0	7.8967
NE+3.30	B56	66	Psup	5.41	0	6.5632	0	-1.3563	0	8.849
NE+3.30	B56	66	Psup	5.7959	0	7.0618	0	-1.3563	0	6.252
NE+3.30	B56	66	Psup	6.4923	0	10.28	0	-1.3563	0	0.3479
NE+3.30	B56	66	Psup	7.1886	0	14.1735	0	-1.3563	0	-8.1663
NE+3.30	B56	66	Psup	7.885	0	16.8212	0	-1.3563	0	-19.1386
NE+3.30	B56	66	Viva.cub	0.225	0	-0.0267	0	0.0606	0	-0.0422
NE+3.30	B56	66	Viva.cub	0.9214	0	-0.0267	0	0.0606	0	-0.0236
NE+3.30	B56	66	Viva.cub	1.6177	0	-0.0267	0	0.0606	0	-0.0051
NE+3.30	B56	66	Viva.cub	2.3141	0	-0.0267	0	0.0606	0	0.0135
NE+3.30	B56	66	Viva.cub	2.7	0	-0.0267	0	0.0606	0	0.0238
NE+3.30	B56	66	Viva.cub	2.7	0	-0.0038	0	0.0011	0	0.0083
NE+3.30	B56	66	Viva.cub	3.0105	0	-0.0038	0	0.0011	0	0.0095
NE+3.30	B56	66	Viva.cub	3.7068	0	-0.0038	0	0.0011	0	0.0121
NE+3.30	B56	66	Viva.cub	4.4032	0	-0.0038	0	0.0011	0	0.0147
NE+3.30	B56	66	Viva.cub	5.0995	0	-0.0038	0	0.0011	0	0.0174
NE+3.30	B56	66	Viva.cub	5.41	0	-0.0038	0	0.0011	0	0.0185
NE+3.30	B56	66	Viva.cub	5.41	0	0.0161	0	-0.0572	0	0.0158
NE+3.30	B56	66	Viva.cub	5.7959	0	0.0161	0	-0.0572	0	0.0096
NE+3.30	B56	66	Viva.cub	6.4923	0	0.0161	0	-0.0572	0	-0.0016
NE+3.30	B56	66	Viva.cub	7.1886	0	0.0161	0	-0.0572	0	-0.0128
NE+3.30	B56	66	Viva.cub	7.885	0	0.0161	0	-0.0572	0	-0.024
NE+3.30	B56	66	DISX-COMB Max	0.225	0	78.8537	0	11.6088	0	169.437
NE+3.30	B56	66	DISX-COMB Max	0.9214	0	78.8537	0	11.6088	0	114.5387
NE+3.30	B56	66	DISX-COMB Max	1.6177	0	78.8537	0	11.6088	0	59.6633
NE+3.30	B56	66	DISX-COMB Max	2.3141	0	78.8537	0	11.6088	0	5.5434
NE+3.30	B56	66	DISX-COMB Max	2.7	0	78.8537	0	11.6088	0	25.9232
NE+3.30	B56	66	DISX-COMB Max	2.7	0	14.8717	0	4.3235	0	26.5771
NE+3.30	B56	66	DISX-COMB Max	3.0105	0	14.8717	0	4.3235	0	21.9867
NE+3.30	B56	66	DISX-COMB Max	3.7068	0	14.8717	0	4.3235	0	11.7659
NE+3.30	B56	66	DISX-COMB Max	4.4032	0	14.8717	0	4.3235	0	2.8208
NE+3.30	B56	66	DISX-COMB Max	5.0995	0	14.8717	0	4.3235	0	9.5903
NE+3.30	B56	66	DISX-COMB Max	5.41	0	14.8717	0	4.3235	0	14.0911
NE+3.30	B56	66	DISX-COMB Max	5.41	0	54.6622	0	7.2732	0	16.3984
NE+3.30	B56	66	DISX-COMB Max	5.7959	0	54.6622	0	7.2732	0	5.0189
NE+3.30	B56	66	DISX-COMB Max	6.4923	0	54.6622	0	7.2732	0	42.8636

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B56	66	DISX-COMB Max	7.1886	0	54.6622	0	7.2732	0	80.915
NE+3.30	B56	66	DISX-COMB Max	7.885	0	54.6622	0	7.2732	0	118.9749
NE+3.30	B56	66	DISY-COMB Max	0.225	0	5.7046	0	17.2441	0	8.4359
NE+3.30	B56	66	DISY-COMB Max	0.9214	0	5.7046	0	17.2441	0	5.2839
NE+3.30	B56	66	DISY-COMB Max	1.6177	0	5.7046	0	17.2441	0	4.0294
NE+3.30	B56	66	DISY-COMB Max	2.3141	0	5.7046	0	17.2441	0	6.0095
NE+3.30	B56	66	DISY-COMB Max	2.7	0	5.7046	0	17.2441	0	7.7924
NE+3.30	B56	66	DISY-COMB Max	2.7	0	1.4527	0	0.2565	0	6.193
NE+3.30	B56	66	DISY-COMB Max	3.0105	0	1.4527	0	0.2565	0	6.5314
NE+3.30	B56	66	DISY-COMB Max	3.7068	0	1.4527	0	0.2565	0	7.3347
NE+3.30	B56	66	DISY-COMB Max	4.4032	0	1.4527	0	0.2565	0	8.1843
NE+3.30	B56	66	DISY-COMB Max	5.0995	0	1.4527	0	0.2565	0	9.0673
NE+3.30	B56	66	DISY-COMB Max	5.41	0	1.4527	0	0.2565	0	9.4692
NE+3.30	B56	66	DISY-COMB Max	5.41	0	13.9102	0	15.3906	0	11.338
NE+3.30	B56	66	DISY-COMB Max	5.7959	0	13.9102	0	15.3906	0	6.0517
NE+3.30	B56	66	DISY-COMB Max	6.4923	0	13.9102	0	15.3906	0	4.0708
NE+3.30	B56	66	DISY-COMB Max	7.1886	0	13.9102	0	15.3906	0	13.5712
NE+3.30	B56	66	DISY-COMB Max	7.885	0	13.9102	0	15.3906	0	23.2259
NE+3.30	B56	66	B241	0.225	0	-24.8671	0	0.6584	0	-21.8702
NE+3.30	B56	66	B241	0.9214	0	-18.2762	0	0.6584	0	-6.6145
NE+3.30	B56	66	B241	1.6177	0	-10.0704	0	0.6584	0	3.2552
NE+3.30	B56	66	B241	2.3141	0	-2.7399	0	0.6584	0	7.5418
NE+3.30	B56	66	B241	2.7	0	-0.3431	0	0.6584	0	8.0951
NE+3.30	B56	66	B241	2.7	0	-16.032	0	-0.0868	0	4.7937
NE+3.30	B56	66	B241	3.0105	0	-14.2055	0	-0.0868	0	9.5091
NE+3.30	B56	66	B241	3.7068	0	-7.1939	0	-0.0868	0	17.1669
NE+3.30	B56	66	B241	4.4032	0	1.0119	0	-0.0868	0	19.3194
NE+3.30	B56	66	B241	5.0995	0	8.0236	0	-0.0868	0	15.9664
NE+3.30	B56	66	B241	5.41	0	9.8501	0	-0.0868	0	13.1702
NE+3.30	B56	66	B241	5.41	0	8.6894	0	-1.4385	0	14.7465
NE+3.30	B56	66	B241	5.7959	0	11.0862	0	-1.4385	0	10.9723
NE+3.30	B56	66	B241	6.4923	0	18.4167	0	-1.4385	0	0.8737
NE+3.30	B56	66	B241	7.1886	0	26.6225	0	-1.4385	0	-14.8082
NE+3.30	B56	66	B241	7.885	0	33.2134	0	-1.4385	0	-35.8758
NE+3.30	B56	66	B242	0.225	0	-38.4138	0	2.9691	0	-35.7918
NE+3.30	B56	66	B242	0.9214	0	-29.6011	0	2.9691	0	-11.6941
NE+3.30	B56	66	B242	1.6177	0	-17.9159	0	2.9691	0	4.8504
NE+3.30	B56	66	B242	2.3141	0	-7.7876	0	2.9691	0	13.4908
NE+3.30	B56	66	B242	2.7	0	-5.1375	0	2.9691	0	15.9108
NE+3.30	B56	66	B242	2.7	0	-21.0248	0	-0.124	0	11.2135
NE+3.30	B56	66	B242	3.0105	0	-19.0737	0	-0.124	0	17.4764
NE+3.30	B56	66	B242	3.7068	0	-9.5126	0	-0.124	0	27.7978
NE+3.30	B56	66	B242	4.4032	0	2.1727	0	-0.124	0	30.3534
NE+3.30	B56	66	B242	5.0995	0	11.7338	0	-0.124	0	25.1432
NE+3.30	B56	66	B242	5.41	0	13.6849	0	-0.124	0	21.159

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B56	66	B242	5.41	0	16.9493	0	-3.9441	0	24.4187
NE+3.30	B56	66	B242	5.7959	0	19.5994	0	-3.9441	0	17.4404
NE+3.30	B56	66	B242	6.4923	0	29.7277	0	-3.9441	0	0.5747
NE+3.30	B56	66	B242	7.1886	0	41.413	0	-3.9441	0	-24.1952
NE+3.30	B56	66	B242	7.885	0	50.2256	0	-3.9441	0	-56.5182
NE+3.30	B57	67	Pprop	0.225	0	-8.7808	0	-0.1949	0	-8.7239
NE+3.30	B57	67	Pprop	0.935	0	-6.2964	0	-0.1949	0	-3.3715
NE+3.30	B57	67	Pprop	1.645	0	-3.8119	0	-0.1949	0	0.217
NE+3.30	B57	67	Pprop	2.355	0	-1.3275	0	-0.1949	0	2.0414
NE+3.30	B57	67	Pprop	2.75	0	0.0547	0	-0.1949	0	2.2928
NE+3.30	B57	67	Pprop	2.75	0	-4.7048	0	-0.0004	0	2.0594
NE+3.30	B57	67	Pprop	3.065	0	-3.6026	0	-0.0004	0	3.3678
NE+3.30	B57	67	Pprop	3.775	0	-1.1181	0	-0.0004	0	5.0437
NE+3.30	B57	67	Pprop	4.485	0	1.3663	0	-0.0004	0	4.9556
NE+3.30	B57	67	Pprop	5.195	0	3.8507	0	-0.0004	0	3.1035
NE+3.30	B57	67	Pprop	5.51	0	4.953	0	-0.0004	0	1.7169
NE+3.30	B57	67	Pprop	5.51	0	-0.1927	0	0.2079	0	2.0936
NE+3.30	B57	67	Pprop	5.905	0	1.1895	0	0.2079	0	1.8967
NE+3.30	B57	67	Pprop	6.615	0	3.674	0	0.2079	0	0.1701
NE+3.30	B57	67	Pprop	7.325	0	6.1584	0	0.2079	0	-3.3204
NE+3.30	B57	67	Pprop	8.035	0	8.6428	0	0.2079	0	-8.5748
NE+3.30	B57	67	Viva	0.225	0	-13.4156	0	1.8094	0	-16.3395
NE+3.30	B57	67	Viva	0.935	0	-11.3816	0	1.8094	0	-7.3954
NE+3.30	B57	67	Viva	1.645	0	-8.4174	0	1.8094	0	-0.3668
NE+3.30	B57	67	Viva	2.355	0	-5.9371	0	1.8094	0	4.6283
NE+3.30	B57	67	Viva	2.75	0	-5.5471	0	1.8094	0	6.8707
NE+3.30	B57	67	Viva	2.75	0	-3.8371	0	-0.0147	0	5.9934
NE+3.30	B57	67	Viva	3.065	0	-3.589	0	-0.0147	0	7.176
NE+3.30	B57	67	Viva	3.775	0	-1.3007	0	-0.0147	0	9.0347
NE+3.30	B57	67	Viva	4.485	0	1.6635	0	-0.0147	0	8.9059
NE+3.30	B57	67	Viva	5.195	0	3.9518	0	-0.0147	0	6.7897
NE+3.30	B57	67	Viva	5.51	0	4.1998	0	-0.0147	0	5.4928
NE+3.30	B57	67	Viva	5.51	0	5.2086	0	-1.8345	0	6.5116
NE+3.30	B57	67	Viva	5.905	0	5.5987	0	-1.8345	0	4.4028
NE+3.30	B57	67	Viva	6.615	0	8.0789	0	-1.8345	0	-0.3519
NE+3.30	B57	67	Viva	7.325	0	11.0432	0	-1.8345	0	-7.1403
NE+3.30	B57	67	Viva	8.035	0	13.0772	0	-1.8345	0	-15.8441
NE+3.30	B57	67	Psup	0.225	0	-16.657	0	1.4158	0	-19.8304
NE+3.30	B57	67	Psup	0.935	0	-13.933	0	1.4158	0	-8.782
NE+3.30	B57	67	Psup	1.645	0	-9.9633	0	1.4158	0	-0.2989
NE+3.30	B57	67	Psup	2.355	0	-6.6418	0	1.4158	0	5.4609
NE+3.30	B57	67	Psup	2.75	0	-6.1194	0	1.4158	0	7.9468
NE+3.30	B57	67	Psup	2.75	0	-4.9015	0	0.0088	0	7.4692
NE+3.30	B57	67	Psup	3.065	0	-4.5693	0	0.0088	0	8.9783
NE+3.30	B57	67	Psup	3.775	0	-1.5049	0	0.0088	0	11.2991

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B57	67	Psup	4.485	0	2.4648	0	0.0088	0	10.9584
NE+3.30	B57	67	Psup	5.195	0	5.5293	0	0.0088	0	7.956
NE+3.30	B57	67	Psup	5.51	0	5.8615	0	0.0088	0	6.1445
NE+3.30	B57	67	Psup	5.51	0	5.5836	0	-1.3753	0	7.2187
NE+3.30	B57	67	Psup	5.905	0	6.106	0	-1.3753	0	4.9444
NE+3.30	B57	67	Psup	6.615	0	9.4275	0	-1.3753	0	-0.4349
NE+3.30	B57	67	Psup	7.325	0	13.3973	0	-1.3753	0	-8.5377
NE+3.30	B57	67	Psup	8.035	0	16.1212	0	-1.3753	0	-19.2057
NE+3.30	B57	67	Viva.cub	0.225	0	-0.03	0	0.0532	0	-0.0475
NE+3.30	B57	67	Viva.cub	0.935	0	-0.03	0	0.0532	0	-0.0262
NE+3.30	B57	67	Viva.cub	1.645	0	-0.03	0	0.0532	0	-0.0049
NE+3.30	B57	67	Viva.cub	2.355	0	-0.03	0	0.0532	0	0.0164
NE+3.30	B57	67	Viva.cub	2.75	0	-0.03	0	0.0532	0	0.0283
NE+3.30	B57	67	Viva.cub	2.75	0	0.0022	0	-0.0005	0	0.0253
NE+3.30	B57	67	Viva.cub	3.065	0	0.0022	0	-0.0005	0	0.0246
NE+3.30	B57	67	Viva.cub	3.775	0	0.0022	0	-0.0005	0	0.023
NE+3.30	B57	67	Viva.cub	4.485	0	0.0022	0	-0.0005	0	0.0214
NE+3.30	B57	67	Viva.cub	5.195	0	0.0022	0	-0.0005	0	0.0199
NE+3.30	B57	67	Viva.cub	5.51	0	0.0022	0	-0.0005	0	0.0192
NE+3.30	B57	67	Viva.cub	5.51	0	0.026	0	-0.0543	0	0.0282
NE+3.30	B57	67	Viva.cub	5.905	0	0.026	0	-0.0543	0	0.0179
NE+3.30	B57	67	Viva.cub	6.615	0	0.026	0	-0.0543	0	-0.0006
NE+3.30	B57	67	Viva.cub	7.325	0	0.026	0	-0.0543	0	-0.019
NE+3.30	B57	67	Viva.cub	8.035	0	0.026	0	-0.0543	0	-0.0375
NE+3.30	B57	67	DISX-COMB Max	0.225	0	58.5413	0	5.8096	0	125.4327
NE+3.30	B57	67	DISX-COMB Max	0.935	0	58.5413	0	5.8096	0	83.8752
NE+3.30	B57	67	DISX-COMB Max	1.645	0	58.5413	0	5.8096	0	42.3309
NE+3.30	B57	67	DISX-COMB Max	2.355	0	58.5413	0	5.8096	0	1.9907
NE+3.30	B57	67	DISX-COMB Max	2.75	0	58.5413	0	5.8096	0	22.4744
NE+3.30	B57	67	DISX-COMB Max	2.75	0	12.8489	0	4.4715	0	19.2126
NE+3.30	B57	67	DISX-COMB Max	3.065	0	12.8489	0	4.4715	0	15.1772
NE+3.30	B57	67	DISX-COMB Max	3.775	0	12.8489	0	4.4715	0	6.1391
NE+3.30	B57	67	DISX-COMB Max	4.485	0	12.8489	0	4.4715	0	3.388
NE+3.30	B57	67	DISX-COMB Max	5.195	0	12.8489	0	4.4715	0	12.3173
NE+3.30	B57	67	DISX-COMB Max	5.51	0	12.8489	0	4.4715	0	16.3474
NE+3.30	B57	67	DISX-COMB Max	5.51	0	54.4989	0	2.4145	0	17.6707
NE+3.30	B57	67	DISX-COMB Max	5.905	0	54.4989	0	2.4145	0	3.8688
NE+3.30	B57	67	DISX-COMB Max	6.615	0	54.4989	0	2.4145	0	42.5537
NE+3.30	B57	67	DISX-COMB Max	7.325	0	54.4989	0	2.4145	0	81.2475
NE+3.30	B57	67	DISX-COMB Max	8.035	0	54.4989	0	2.4145	0	119.9415
NE+3.30	B57	67	DISY-COMB Max	0.225	0	7.3193	0	15.3919	0	10.4088
NE+3.30	B57	67	DISY-COMB Max	0.935	0	7.3193	0	15.3919	0	5.4758
NE+3.30	B57	67	DISY-COMB Max	1.645	0	7.3193	0	15.3919	0	2.3744
NE+3.30	B57	67	DISY-COMB Max	2.355	0	7.3193	0	15.3919	0	5.9416
NE+3.30	B57	67	DISY-COMB Max	2.75	0	7.3193	0	15.3919	0	8.6712

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B57	67	DISY-COMB Max	2.75	0	0.6456	0	0.2861	0	7.5299
NE+3.30	B57	67	DISY-COMB Max	3.065	0	0.6456	0	0.2861	0	7.5458
NE+3.30	B57	67	DISY-COMB Max	3.775	0	0.6456	0	0.2861	0	7.6015
NE+3.30	B57	67	DISY-COMB Max	4.485	0	0.6456	0	0.2861	0	7.6841
NE+3.30	B57	67	DISY-COMB Max	5.195	0	0.6456	0	0.2861	0	7.7928
NE+3.30	B57	67	DISY-COMB Max	5.51	0	0.6456	0	0.2861	0	7.8492
NE+3.30	B57	67	DISY-COMB Max	5.51	0	12.0293	0	14.3227	0	9.2315
NE+3.30	B57	67	DISY-COMB Max	5.905	0	12.0293	0	14.3227	0	4.5792
NE+3.30	B57	67	DISY-COMB Max	6.615	0	12.0293	0	14.3227	0	4.3596
NE+3.30	B57	67	DISY-COMB Max	7.325	0	12.0293	0	14.3227	0	12.7646
NE+3.30	B57	67	DISY-COMB Max	8.035	0	12.0293	0	14.3227	0	21.2781
NE+3.30	B57	67	B241	0.225	0	-32.9749	0	1.5826	0	-37.0149
NE+3.30	B57	67	B241	0.935	0	-26.2233	0	1.5826	0	-15.7546
NE+3.30	B57	67	B241	1.645	0	-17.8568	0	1.5826	0	-0.1062
NE+3.30	B57	67	B241	2.355	0	-10.3305	0	1.5826	0	9.7253
NE+3.30	B57	67	B241	2.75	0	-7.8616	0	1.5826	0	13.2736
NE+3.30	B57	67	B241	2.75	0	-12.4527	0	0.0108	0	12.3519
NE+3.30	B57	67	B241	3.065	0	-10.5932	0	0.0108	0	16.0042
NE+3.30	B57	67	B241	3.775	0	-3.4002	0	0.0108	0	21.1851
NE+3.30	B57	67	B241	4.485	0	4.9663	0	0.0108	0	20.6291
NE+3.30	B57	67	B241	5.195	0	12.1592	0	0.0108	0	14.3364
NE+3.30	B57	67	B241	5.51	0	14.0187	0	0.0108	0	10.1908
NE+3.30	B57	67	B241	5.51	0	6.9883	0	-1.5133	0	12.0715
NE+3.30	B57	67	B241	5.905	0	9.4571	0	-1.5133	0	8.8681
NE+3.30	B57	67	B241	6.615	0	16.9834	0	-1.5133	0	-0.3433
NE+3.30	B57	67	B241	7.325	0	25.3499	0	-1.5133	0	-15.3716
NE+3.30	B57	67	B241	8.035	0	32.1015	0	-1.5133	0	-36.0118
NE+3.30	B57	67	B242	0.225	0	-49.7442	0	4.2781	0	-57.894
NE+3.30	B57	67	B242	0.935	0	-40.7027	0	4.2781	0	-25.3497
NE+3.30	B57	67	B242	1.645	0	-28.7886	0	4.2781	0	-0.6802
NE+3.30	B57	67	B242	2.355	0	-18.3691	0	4.2781	0	15.7494
NE+3.30	B57	67	B242	2.75	0	-15.6289	0	4.2781	0	22.3847
NE+3.30	B57	67	B242	2.75	0	-16.8119	0	-0.0145	0	20.1895
NE+3.30	B57	67	B242	3.065	0	-14.8211	0	-0.0145	0	25.2119
NE+3.30	B57	67	B242	3.775	0	-4.9946	0	-0.0145	0	32.6257
NE+3.30	B57	67	B242	4.485	0	6.9195	0	-0.0145	0	31.9423
NE+3.30	B57	67	B242	5.195	0	16.7461	0	-0.0145	0	23.1618
NE+3.30	B57	67	B242	5.51	0	18.7369	0	-0.0145	0	17.533
NE+3.30	B57	67	B242	5.51	0	14.3368	0	-4.2595	0	20.7797
NE+3.30	B57	67	B242	5.905	0	17.077	0	-4.2595	0	14.6547
NE+3.30	B57	67	B242	6.615	0	27.4965	0	-4.2595	0	-0.8575
NE+3.30	B57	67	B242	7.325	0	39.4106	0	-4.2595	0	-24.6096
NE+3.30	B57	67	B242	8.035	0	48.4521	0	-4.2595	0	-56.2365
NE+3.30	B58	68	Pprop	0.225	0	-8.6527	0	-0.2265	0	-8.4034
NE+3.30	B58	68	Pprop	0.9114	0	-6.251	0	-0.2265	0	-3.2887

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B58	68	Pprop	1.5977	0	-3.8493	0	-0.2265	0	0.1775
NE+3.30	B58	68	Pprop	2.2841	0	-1.4475	0	-0.2265	0	1.9953
NE+3.30	B58	68	Pprop	2.665	0	-0.1147	0	-0.2265	0	2.2928
NE+3.30	B58	68	Pprop	2.665	0	-4.6066	0	0.0004	0	1.9686
NE+3.30	B58	68	Pprop	2.9705	0	-3.5377	0	0.0004	0	3.2124
NE+3.30	B58	68	Pprop	3.6568	0	-1.136	0	0.0004	0	4.8164
NE+3.30	B58	68	Pprop	4.3432	0	1.2657	0	0.0004	0	4.7719
NE+3.30	B58	68	Pprop	5.0295	0	3.6674	0	0.0004	0	3.0789
NE+3.30	B58	68	Pprop	5.335	0	4.7363	0	0.0004	0	1.7954
NE+3.30	B58	68	Pprop	5.335	0	-0.0424	0	0.2509	0	2.1361
NE+3.30	B58	68	Pprop	5.7159	0	1.2905	0	0.2509	0	1.8984
NE+3.30	B58	68	Pprop	6.4023	0	3.6922	0	0.2509	0	0.1884
NE+3.30	B58	68	Pprop	7.0886	0	6.0939	0	0.2509	0	-3.17
NE+3.30	B58	68	Pprop	7.775	0	8.4956	0	0.2509	0	-8.1769
NE+3.30	B58	68	Viva	0.225	0	-13.2693	0	1.7049	0	-15.713
NE+3.30	B58	68	Viva	0.9114	0	-11.334	0	1.7049	0	-7.1394
NE+3.30	B58	68	Viva	1.5977	0	-8.4684	0	1.7049	0	-0.3436
NE+3.30	B58	68	Viva	2.2841	0	-6.1184	0	1.7049	0	4.5634
NE+3.30	B58	68	Viva	2.665	0	-5.7556	0	1.7049	0	6.8019
NE+3.30	B58	68	Viva	2.665	0	-3.6957	0	-0.0137	0	5.7523
NE+3.30	B58	68	Viva	2.9705	0	-3.4625	0	-0.0137	0	6.8574
NE+3.30	B58	68	Viva	3.6568	0	-1.2979	0	-0.0137	0	8.6079
NE+3.30	B58	68	Viva	4.3432	0	1.5676	0	-0.0137	0	8.5154
NE+3.30	B58	68	Viva	5.0295	0	3.7322	0	-0.0137	0	6.5797
NE+3.30	B58	68	Viva	5.335	0	3.9654	0	-0.0137	0	5.3922
NE+3.30	B58	68	Viva	5.335	0	5.1886	0	-1.7379	0	6.263
NE+3.30	B58	68	Viva	5.7159	0	5.5513	0	-1.7379	0	4.2406
NE+3.30	B58	68	Viva	6.4023	0	7.9014	0	-1.7379	0	-0.2772
NE+3.30	B58	68	Viva	7.0886	0	10.767	0	-1.7379	0	-6.6839
NE+3.30	B58	68	Viva	7.775	0	12.7023	0	-1.7379	0	-14.8682
NE+3.30	B58	68	Psup	0.225	0	-16.2179	0	1.3605	0	-18.7516
NE+3.30	B58	68	Psup	0.9114	0	-13.6261	0	1.3605	0	-8.3355
NE+3.30	B58	68	Psup	1.5977	0	-9.7885	0	1.3605	0	-0.3
NE+3.30	B58	68	Psup	2.2841	0	-6.6413	0	1.3605	0	5.206
NE+3.30	B58	68	Psup	2.665	0	-6.1555	0	1.3605	0	7.6123
NE+3.30	B58	68	Psup	2.665	0	-4.9333	0	0.0085	0	6.6138
NE+3.30	B58	68	Psup	2.9705	0	-4.6209	0	0.0085	0	8.0889
NE+3.30	B58	68	Psup	3.6568	0	-1.7222	0	0.0085	0	10.4222
NE+3.30	B58	68	Psup	4.3432	0	2.1153	0	0.0085	0	10.2873
NE+3.30	B58	68	Psup	5.0295	0	5.0141	0	0.0085	0	7.6841
NE+3.30	B58	68	Psup	5.335	0	5.3265	0	0.0085	0	6.0889
NE+3.30	B58	68	Psup	5.335	0	5.5638	0	-1.2951	0	7.0189
NE+3.30	B58	68	Psup	5.7159	0	6.0496	0	-1.2951	0	4.8379
NE+3.30	B58	68	Psup	6.4023	0	9.1968	0	-1.2951	0	-0.2619
NE+3.30	B58	68	Psup	7.0886	0	13.0343	0	-1.2951	0	-7.8913

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B58	68	Psup	7.775	0	15.6261	0	-1.2951	0	-17.9012
NE+3.30	B58	68	Viva.cub	0.225	0	-0.034	0	0.0543	0	-0.0529
NE+3.30	B58	68	Viva.cub	0.9114	0	-0.034	0	0.0543	0	-0.0296
NE+3.30	B58	68	Viva.cub	1.5977	0	-0.034	0	0.0543	0	-0.0062
NE+3.30	B58	68	Viva.cub	2.2841	0	-0.034	0	0.0543	0	0.0171
NE+3.30	B58	68	Viva.cub	2.665	0	-0.034	0	0.0543	0	0.03
NE+3.30	B58	68	Viva.cub	2.665	0	0.0015	0	0.0003	0	0.0254
NE+3.30	B58	68	Viva.cub	2.9705	0	0.0015	0	0.0003	0	0.025
NE+3.30	B58	68	Viva.cub	3.6568	0	0.0015	0	0.0003	0	0.0239
NE+3.30	B58	68	Viva.cub	4.3432	0	0.0015	0	0.0003	0	0.0229
NE+3.30	B58	68	Viva.cub	5.0295	0	0.0015	0	0.0003	0	0.0219
NE+3.30	B58	68	Viva.cub	5.335	0	0.0015	0	0.0003	0	0.0215
NE+3.30	B58	68	Viva.cub	5.335	0	0.0267	0	-0.0547	0	0.0275
NE+3.30	B58	68	Viva.cub	5.7159	0	0.0267	0	-0.0547	0	0.0174
NE+3.30	B58	68	Viva.cub	6.4023	0	0.0267	0	-0.0547	0	-0.0009
NE+3.30	B58	68	Viva.cub	7.0886	0	0.0267	0	-0.0547	0	-0.0192
NE+3.30	B58	68	Viva.cub	7.775	0	0.0267	0	-0.0547	0	-0.0375
NE+3.30	B58	68	DISX-COMB Max	0.225	0	59.5833	0	2.0606	0	126.0602
NE+3.30	B58	68	DISX-COMB Max	0.9114	0	59.5833	0	2.0606	0	85.1658
NE+3.30	B58	68	DISX-COMB Max	1.5977	0	59.5833	0	2.0606	0	44.2742
NE+3.30	B58	68	DISX-COMB Max	2.2841	0	59.5833	0	2.0606	0	3.4836
NE+3.30	B58	68	DISX-COMB Max	2.665	0	59.5833	0	2.0606	0	19.3465
NE+3.30	B58	68	DISX-COMB Max	2.665	0	12.0726	0	4.3925	0	16.5872
NE+3.30	B58	68	DISX-COMB Max	2.9705	0	12.0726	0	4.3925	0	12.9009
NE+3.30	B58	68	DISX-COMB Max	3.6568	0	12.0726	0	4.3925	0	4.6257
NE+3.30	B58	68	DISX-COMB Max	4.3432	0	12.0726	0	4.3925	0	3.6989
NE+3.30	B58	68	DISX-COMB Max	5.0295	0	12.0726	0	4.3925	0	11.9703
NE+3.30	B58	68	DISX-COMB Max	5.335	0	12.0726	0	4.3925	0	15.6564
NE+3.30	B58	68	DISX-COMB Max	5.335	0	59.0667	0	2.2608	0	19.4556
NE+3.30	B58	68	DISX-COMB Max	5.7159	0	59.0667	0	2.2608	0	3.232
NE+3.30	B58	68	DISX-COMB Max	6.4023	0	59.0667	0	2.2608	0	43.6227
NE+3.30	B58	68	DISX-COMB Max	7.0886	0	59.0667	0	2.2608	0	84.1582
NE+3.30	B58	68	DISX-COMB Max	7.775	0	59.0667	0	2.2608	0	124.6975
NE+3.30	B58	68	DISY-COMB Max	0.225	0	7.0011	0	15.2501	0	9.8467
NE+3.30	B58	68	DISY-COMB Max	0.9114	0	7.0011	0	15.2501	0	5.3596
NE+3.30	B58	68	DISY-COMB Max	1.5977	0	7.0011	0	15.2501	0	2.5834
NE+3.30	B58	68	DISY-COMB Max	2.2841	0	7.0011	0	15.2501	0	5.5501
NE+3.30	B58	68	DISY-COMB Max	2.665	0	7.0011	0	15.2501	0	8.0076
NE+3.30	B58	68	DISY-COMB Max	2.665	0	0.9796	0	0.2824	0	6.3703
NE+3.30	B58	68	DISY-COMB Max	2.9705	0	0.9796	0	0.2824	0	6.5916
NE+3.30	B58	68	DISY-COMB Max	3.6568	0	0.9796	0	0.2824	0	7.1096
NE+3.30	B58	68	DISY-COMB Max	4.3432	0	0.9796	0	0.2824	0	7.6518
NE+3.30	B58	68	DISY-COMB Max	5.0295	0	0.9796	0	0.2824	0	8.2132
NE+3.30	B58	68	DISY-COMB Max	5.335	0	0.9796	0	0.2824	0	8.4682
NE+3.30	B58	68	DISY-COMB Max	5.335	0	12.7175	0	14.2134	0	9.5104

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B58	68	DISY-COMB Max	5.7159	0	12.7175	0	14.2134	0	4.7729
NE+3.30	B58	68	DISY-COMB Max	6.4023	0	12.7175	0	14.2134	0	4.3962
NE+3.30	B58	68	DISY-COMB Max	7.0886	0	12.7175	0	14.2134	0	12.9714
NE+3.30	B58	68	DISY-COMB Max	7.775	0	12.7175	0	14.2134	0	21.6696
NE+3.30	B58	68	B241	0.225	0	-32.2396	0	1.47	0	-35.2009
NE+3.30	B58	68	B241	0.9114	0	-25.7666	0	1.47	0	-15.0684
NE+3.30	B58	68	B241	1.5977	0	-17.6786	0	1.47	0	-0.1588
NE+3.30	B58	68	B241	2.2841	0	-10.4855	0	1.47	0	9.3349
NE+3.30	B58	68	B241	2.665	0	-8.128	0	1.47	0	12.84
NE+3.30	B58	68	B241	2.665	0	-12.3665	0	0.0116	0	11.1253
NE+3.30	B58	68	B241	2.9705	0	-10.5761	0	0.0116	0	14.6498
NE+3.30	B58	68	B241	3.6568	0	-3.7051	0	0.0116	0	19.7537
NE+3.30	B58	68	B241	4.3432	0	4.3829	0	0.0116	0	19.5211
NE+3.30	B58	68	B241	5.0295	0	11.2538	0	0.0116	0	13.9521
NE+3.30	B58	68	B241	5.335	0	13.0443	0	0.0116	0	10.2205
NE+3.30	B58	68	B241	5.335	0	7.1574	0	-1.3536	0	11.8676
NE+3.30	B58	68	B241	5.7159	0	9.5149	0	-1.3536	0	8.7323
NE+3.30	B58	68	B241	6.4023	0	16.7079	0	-1.3536	0	-0.0953
NE+3.30	B58	68	B241	7.0886	0	24.7959	0	-1.3536	0	-14.3386
NE+3.30	B58	68	B241	7.775	0	31.269	0	-1.3536	0	-33.8049
NE+3.30	B58	68	B242	0.225	0	-48.8819	0	4.015	0	-55.3394
NE+3.30	B58	68	B242	0.9114	0	-40.237	0	4.015	0	-24.3537
NE+3.30	B58	68	B242	1.5977	0	-28.7196	0	4.015	0	-0.689
NE+3.30	B58	68	B242	2.2841	0	-18.794	0	4.015	0	15.3114
NE+3.30	B58	68	B242	2.665	0	-16.1929	0	4.015	0	21.9037
NE+3.30	B58	68	B242	2.665	0	-16.5123	0	-0.0118	0	18.7523
NE+3.30	B58	68	B242	2.9705	0	-14.6044	0	-0.0118	0	23.5414
NE+3.30	B58	68	B242	3.6568	0	-5.2518	0	-0.0118	0	30.7164
NE+3.30	B58	68	B242	4.3432	0	6.2657	0	-0.0118	0	30.3685
NE+3.30	B58	68	B242	5.0295	0	15.6183	0	-0.0118	0	22.4975
NE+3.30	B58	68	B242	5.335	0	17.5262	0	-0.0118	0	17.3987
NE+3.30	B58	68	B242	5.335	0	14.45	0	-3.9683	0	20.2068
NE+3.30	B58	68	B242	5.7159	0	17.051	0	-3.9683	0	14.2784
NE+3.30	B58	68	B242	6.4023	0	26.9766	0	-3.9683	0	-0.5257
NE+3.30	B58	68	B242	7.0886	0	38.4941	0	-3.9683	0	-22.9941
NE+3.30	B58	68	B242	7.775	0	47.139	0	-3.9683	0	-52.7835
NE+3.30	B59	69	Pprop	0.225	0	-8.8308	0	-0.3574	0	-7.9921
NE+3.30	B59	69	Pprop	0.8014	0	-6.814	0	-0.3574	0	-3.4835
NE+3.30	B59	69	Pprop	1.3777	0	-4.7972	0	-0.3574	0	-0.1374
NE+3.30	B59	69	Pprop	1.9541	0	-2.7804	0	-0.3574	0	2.0463
NE+3.30	B59	69	Pprop	2.26	0	-1.7099	0	-0.3574	0	2.7331
NE+3.30	B59	69	Pprop	2.26	0	-4.0977	0	0.0189	0	2.6122
NE+3.30	B59	69	Pprop	2.5305	0	-3.1513	0	0.0189	0	3.5925
NE+3.30	B59	69	Pprop	3.1068	0	-1.1345	0	0.0189	0	4.8275
NE+3.30	B59	69	Pprop	3.6832	0	0.8823	0	0.0189	0	4.9002

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B59	69	Pprop	4.2595	0	2.8991	0	0.0189	0	3.8105
NE+3.30	B59	69	Pprop	4.53	0	3.8455	0	0.0189	0	2.8984
NE+3.30	B59	69	Pprop	4.53	0	1.8961	0	0.3649	0	2.804
NE+3.30	B59	69	Pprop	4.8359	0	2.9665	0	0.3649	0	2.0603
NE+3.30	B59	69	Pprop	5.4123	0	4.9833	0	0.3649	0	-0.2307
NE+3.30	B59	69	Pprop	5.9886	0	7.0001	0	0.3649	0	-3.6841
NE+3.30	B59	69	Pprop	6.565	0	9.0169	0	0.3649	0	-8.3
NE+3.30	B59	69	Viva	0.225	0	-13.529	0	1.1957	0	-14.4517
NE+3.30	B59	69	Viva	0.8014	0	-12.0501	0	1.1957	0	-7.0005
NE+3.30	B59	69	Viva	1.3777	0	-9.6466	0	1.1957	0	-0.7471
NE+3.30	B59	69	Viva	1.9541	0	-7.9401	0	1.1957	0	4.2428
NE+3.30	B59	69	Viva	2.26	0	-7.7062	0	1.1957	0	6.6241
NE+3.30	B59	69	Viva	2.26	0	-3.2654	0	0.0054	0	6.0529
NE+3.30	B59	69	Viva	2.5305	0	-3.0826	0	0.0054	0	6.9196
NE+3.30	B59	69	Viva	3.1068	0	-1.473	0	0.0054	0	8.3121
NE+3.30	B59	69	Viva	3.6832	0	0.9333	0	0.0054	0	8.4677
NE+3.30	B59	69	Viva	4.2595	0	2.5428	0	0.0054	0	7.3862
NE+3.30	B59	69	Viva	4.53	0	2.7257	0	0.0054	0	6.6656
NE+3.30	B59	69	Viva	4.53	0	7.8569	0	-1.3128	0	6.6419
NE+3.30	B59	69	Viva	4.8359	0	8.0909	0	-1.3128	0	4.2145
NE+3.30	B59	69	Viva	5.4123	0	9.7973	0	-1.3128	0	-0.8623
NE+3.30	B59	69	Viva	5.9886	0	12.2008	0	-1.3128	0	-7.2025
NE+3.30	B59	69	Viva	6.565	0	13.6797	0	-1.3128	0	-14.7406
NE+3.30	B59	69	Psup	0.225	0	-16.6566	0	1.0363	0	-17.4963
NE+3.30	B59	69	Psup	0.8014	0	-14.6761	0	1.0363	0	-8.3599
NE+3.30	B59	69	Psup	1.3777	0	-11.4573	0	1.0363	0	-0.8277
NE+3.30	B59	69	Psup	1.9541	0	-9.172	0	1.0363	0	5.0126
NE+3.30	B59	69	Psup	2.26	0	-8.8587	0	1.0363	0	7.7545
NE+3.30	B59	69	Psup	2.26	0	-4.3071	0	0.0378	0	7.2935
NE+3.30	B59	69	Psup	2.5305	0	-4.0622	0	0.0378	0	8.4363
NE+3.30	B59	69	Psup	3.1068	0	-1.9067	0	0.0378	0	10.2631
NE+3.30	B59	69	Psup	3.6832	0	1.3158	0	0.0378	0	10.4334
NE+3.30	B59	69	Psup	4.2595	0	3.4713	0	0.0378	0	8.9472
NE+3.30	B59	69	Psup	4.53	0	3.7162	0	0.0378	0	7.9642
NE+3.30	B59	69	Psup	4.53	0	8.997	0	-1.0875	0	7.7725
NE+3.30	B59	69	Psup	4.8359	0	9.3103	0	-1.0875	0	4.9883
NE+3.30	B59	69	Psup	5.4123	0	11.5956	0	-1.0875	0	-0.9316
NE+3.30	B59	69	Psup	5.9886	0	14.8144	0	-1.0875	0	-8.5435
NE+3.30	B59	69	Psup	6.565	0	16.7949	0	-1.0875	0	-17.7596
NE+3.30	B59	69	Viva.cub	0.225	0	-0.0412	0	0.0628	0	-0.0558
NE+3.30	B59	69	Viva.cub	0.8014	0	-0.0412	0	0.0628	0	-0.0321
NE+3.30	B59	69	Viva.cub	1.3777	0	-0.0412	0	0.0628	0	-0.0084
NE+3.30	B59	69	Viva.cub	1.9541	0	-0.0412	0	0.0628	0	0.0154
NE+3.30	B59	69	Viva.cub	2.26	0	-0.0412	0	0.0628	0	0.028
NE+3.30	B59	69	Viva.cub	2.26	0	0.0017	0	0.0012	0	0.0294

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B59	69	Viva.cub	2.5305	0	0.0017	0	0.0012	0	0.0289
NE+3.30	B59	69	Viva.cub	3.1068	0	0.0017	0	0.0012	0	0.0279
NE+3.30	B59	69	Viva.cub	3.6832	0	0.0017	0	0.0012	0	0.0269
NE+3.30	B59	69	Viva.cub	4.2595	0	0.0017	0	0.0012	0	0.0259
NE+3.30	B59	69	Viva.cub	4.53	0	0.0017	0	0.0012	0	0.0254
NE+3.30	B59	69	Viva.cub	4.53	0	0.0426	0	-0.0632	0	0.0343
NE+3.30	B59	69	Viva.cub	4.8359	0	0.0426	0	-0.0632	0	0.0212
NE+3.30	B59	69	Viva.cub	5.4123	0	0.0426	0	-0.0632	0	-0.0033
NE+3.30	B59	69	Viva.cub	5.9886	0	0.0426	0	-0.0632	0	-0.0279
NE+3.30	B59	69	Viva.cub	6.565	0	0.0426	0	-0.0632	0	-0.0525
NE+3.30	B59	69	DISX-COMB Max	0.225	0	71.4927	0	2.9091	0	134.3011
NE+3.30	B59	69	DISX-COMB Max	0.8014	0	71.4927	0	2.9091	0	93.096
NE+3.30	B59	69	DISX-COMB Max	1.3777	0	71.4927	0	2.9091	0	51.8921
NE+3.30	B59	69	DISX-COMB Max	1.9541	0	71.4927	0	2.9091	0	10.7022
NE+3.30	B59	69	DISX-COMB Max	2.26	0	71.4927	0	2.9091	0	11.2073
NE+3.30	B59	69	DISX-COMB Max	2.26	0	9.4633	0	4.6419	0	9.3756
NE+3.30	B59	69	DISX-COMB Max	2.5305	0	9.4633	0	4.6419	0	6.8895
NE+3.30	B59	69	DISX-COMB Max	3.1068	0	9.4633	0	4.6419	0	2.2357
NE+3.30	B59	69	DISX-COMB Max	3.6832	0	9.4633	0	4.6419	0	4.6937
NE+3.30	B59	69	DISX-COMB Max	4.2595	0	9.4633	0	4.6419	0	9.9278
NE+3.30	B59	69	DISX-COMB Max	4.53	0	9.4633	0	4.6419	0	12.4493
NE+3.30	B59	69	DISX-COMB Max	4.53	0	77.0754	0	6.1866	0	16.8083
NE+3.30	B59	69	DISX-COMB Max	4.8359	0	77.0754	0	6.1866	0	7.3314
NE+3.30	B59	69	DISX-COMB Max	5.4123	0	77.0754	0	6.1866	0	51.4158
NE+3.30	B59	69	DISX-COMB Max	5.9886	0	77.0754	0	6.1866	0	95.8139
NE+3.30	B59	69	DISX-COMB Max	6.565	0	77.0754	0	6.1866	0	140.228
NE+3.30	B59	69	DISY-COMB Max	0.225	0	10.3318	0	16.9269	0	12.0054
NE+3.30	B59	69	DISY-COMB Max	0.8014	0	10.3318	0	16.9269	0	6.4465
NE+3.30	B59	69	DISY-COMB Max	1.3777	0	10.3318	0	16.9269	0	3.1472
NE+3.30	B59	69	DISY-COMB Max	1.9541	0	10.3318	0	16.9269	0	7.0124
NE+3.30	B59	69	DISY-COMB Max	2.26	0	10.3318	0	16.9269	0	9.9411
NE+3.30	B59	69	DISY-COMB Max	2.26	0	0.8296	0	0.3063	0	8.9235
NE+3.30	B59	69	DISY-COMB Max	2.5305	0	0.8296	0	0.3063	0	9.1061
NE+3.30	B59	69	DISY-COMB Max	3.1068	0	0.8296	0	0.3063	0	9.5011
NE+3.30	B59	69	DISY-COMB Max	3.6832	0	0.8296	0	0.3063	0	9.9034
NE+3.30	B59	69	DISY-COMB Max	4.2595	0	0.8296	0	0.3063	0	10.3122
NE+3.30	B59	69	DISY-COMB Max	4.53	0	0.8296	0	0.3063	0	10.5061
NE+3.30	B59	69	DISY-COMB Max	4.53	0	17.613	0	15.8598	0	10.8149
NE+3.30	B59	69	DISY-COMB Max	4.8359	0	17.613	0	15.8598	0	5.5714
NE+3.30	B59	69	DISY-COMB Max	5.4123	0	17.613	0	15.8598	0	5.1868
NE+3.30	B59	69	DISY-COMB Max	5.9886	0	17.613	0	15.8598	0	15.1284
NE+3.30	B59	69	DISY-COMB Max	6.565	0	17.613	0	15.8598	0	25.2377
NE+3.30	B59	69	B241	0.225	0	-33.0393	0	0.88	0	-33.0404
NE+3.30	B59	69	B241	0.8014	0	-27.8575	0	0.88	0	-15.3526
NE+3.30	B59	69	B241	1.3777	0	-21.0707	0	0.88	0	-1.251

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B59	69	B241	1.9541	0	-15.4938	0	0.88	0	9.1504
NE+3.30	B59	69	B241	2.26	0	-13.7001	0	0.88	0	13.595
NE+3.30	B59	69	B241	2.26	0	-10.8951	0	0.0736	0	12.8407
NE+3.30	B59	69	B241	2.5305	0	-9.3508	0	0.0736	0	15.5928
NE+3.30	B59	69	B241	3.1068	0	-3.9423	0	0.0736	0	19.562
NE+3.30	B59	69	B241	3.6832	0	2.8495	0	0.0736	0	19.8769
NE+3.30	B59	69	B241	4.2595	0	8.258	0	0.0736	0	16.5376
NE+3.30	B59	69	B241	4.53	0	9.8022	0	0.0736	0	14.0811
NE+3.30	B59	69	B241	4.53	0	14.1207	0	-0.9367	0	13.7104
NE+3.30	B59	69	B241	4.8359	0	15.9144	0	-0.9367	0	9.1371
NE+3.30	B59	69	B241	5.4123	0	21.4912	0	-0.9367	0	-1.5067
NE+3.30	B59	69	B241	5.9886	0	28.2781	0	-0.9367	0	-15.8507
NE+3.30	B59	69	B241	6.565	0	33.4598	0	-0.9367	0	-33.7809
NE+3.30	B59	69	B242	0.225	0	-49.9864	0	2.6989	0	-51.471
NE+3.30	B59	69	B242	0.8014	0	-43.1786	0	2.6989	0	-24.3762
NE+3.30	B59	69	B242	1.3777	0	-33.5157	0	2.6989	0	-2.2718
NE+3.30	B59	69	B242	1.9541	0	-26.0052	0	2.6989	0	14.6394
NE+3.30	B59	69	B242	2.26	0	-24.0934	0	2.6989	0	22.2654
NE+3.30	B59	69	B242	2.26	0	-14.5625	0	0.0723	0	20.7057
NE+3.30	B59	69	B242	2.5305	0	-12.9463	0	0.0723	0	24.4511
NE+3.30	B59	69	B242	3.1068	0	-5.7351	0	0.0723	0	30.0808
NE+3.30	B59	69	B242	3.6832	0	3.9365	0	0.0723	0	30.5991
NE+3.30	B59	69	B242	4.2595	0	11.1477	0	0.0723	0	26.0061
NE+3.30	B59	69	B242	4.53	0	12.7639	0	0.0723	0	22.7471
NE+3.30	B59	69	B242	4.53	0	24.6958	0	-2.9349	0	22.3959
NE+3.30	B59	69	B242	4.8359	0	26.6076	0	-2.9349	0	14.5856
NE+3.30	B59	69	B242	5.4123	0	34.1181	0	-2.9349	0	-2.6728
NE+3.30	B59	69	B242	5.9886	0	43.781	0	-2.9349	0	-25.1243
NE+3.30	B59	69	B242	6.565	0	50.5887	0	-2.9349	0	-52.5663
NE+3.30	B60	70	Pprop	0.225	0	-10.5183	0	-0.3843	0	-9.1816
NE+3.30	B60	70	Pprop	0.9014	0	-8.1516	0	-0.3843	0	-2.8678
NE+3.30	B60	70	Pprop	1.5777	0	-5.7848	0	-0.3843	0	1.8453
NE+3.30	B60	70	Pprop	1.97	0	-4.4122	0	-0.3843	0	3.8453
NE+3.30	B60	70	Pprop	1.97	0	-2.6423	0	-0.012	0	2.8566
NE+3.30	B60	70	Pprop	2.2541	0	-1.6482	0	-0.012	0	3.466
NE+3.30	B60	70	Pprop	2.9305	0	0.7185	0	-0.012	0	3.7804
NE+3.30	B60	70	Pprop	3.6068	0	3.0852	0	-0.012	0	2.4941
NE+3.30	B60	70	Pprop	3.95	0	4.2861	0	-0.012	0	1.2293
NE+3.30	B60	70	Pprop	3.95	0	-5.0952	0	0.3298	0	-0.2219
NE+3.30	B60	70	Pprop	4.2832	0	-3.9294	0	0.3298	0	1.2815
NE+3.30	B60	70	Pprop	4.9595	0	-1.5626	0	0.3298	0	3.1388
NE+3.30	B60	70	Pprop	5.6359	0	0.8041	0	0.3298	0	3.3953
NE+3.30	B60	70	Pprop	6.3123	0	3.1708	0	0.3298	0	2.0511
NE+3.30	B60	70	Pprop	6.9886	0	5.5376	0	0.3298	0	-0.8939
NE+3.30	B60	70	Pprop	7.665	0	7.9043	0	0.3298	0	-5.4397

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B60	70	Viva	0.225	0	-16.6765	0	0.763	0	-16.8335
NE+3.30	B60	70	Viva	0.9014	0	-14.7829	0	0.763	0	-6.0691
NE+3.30	B60	70	Viva	1.5777	0	-12.4491	0	0.763	0	3.0469
NE+3.30	B60	70	Viva	1.97	0	-12.0644	0	0.763	0	7.8297
NE+3.30	B60	70	Viva	1.97	0	-2.237	0	-0.5192	0	5.7839
NE+3.30	B60	70	Viva	2.2541	0	-2.0352	0	-0.5192	0	6.4003
NE+3.30	B60	70	Viva	2.9305	0	0.0298	0	-0.5192	0	7.1958
NE+3.30	B60	70	Viva	3.6068	0	2.2489	0	-0.5192	0	6.3198
NE+3.30	B60	70	Viva	3.95	0	2.5434	0	-0.5192	0	5.4806
NE+3.30	B60	70	Viva	3.95	0	-2.9914	0	-0.2476	0	2.9313
NE+3.30	B60	70	Viva	4.2832	0	-2.7139	0	-0.2476	0	3.8972
NE+3.30	B60	70	Viva	4.9595	0	-0.5196	0	-0.2476	0	5.0983
NE+3.30	B60	70	Viva	5.6359	0	2.3042	0	-0.2476	0	4.4948
NE+3.30	B60	70	Viva	6.3123	0	5.128	0	-0.2476	0	1.9814
NE+3.30	B60	70	Viva	6.9886	0	7.9518	0	-0.2476	0	-2.442
NE+3.30	B60	70	Viva	7.665	0	9.8454	0	-0.2476	0	-8.5861
NE+3.30	B60	70	Psup	0.225	0	-19.67	0	0.0775	0	-19.2825
NE+3.30	B60	70	Psup	0.9014	0	-17.1341	0	0.0775	0	-6.668
NE+3.30	B60	70	Psup	1.5777	0	-14.0087	0	0.0775	0	3.7388
NE+3.30	B60	70	Psup	1.97	0	-13.4935	0	0.0775	0	9.0993
NE+3.30	B60	70	Psup	1.97	0	-2.1681	0	-0.6105	0	6.8902
NE+3.30	B60	70	Psup	2.2541	0	-1.8979	0	-0.6105	0	7.4805
NE+3.30	B60	70	Psup	2.9305	0	0.8676	0	-0.6105	0	7.986
NE+3.30	B60	70	Psup	3.6068	0	3.8394	0	-0.6105	0	6.2531
NE+3.30	B60	70	Psup	3.95	0	4.2337	0	-0.6105	0	4.8452
NE+3.30	B60	70	Psup	3.95	0	-4.8688	0	0.2779	0	2.1254
NE+3.30	B60	70	Psup	4.2832	0	-4.4972	0	0.2779	0	3.7063
NE+3.30	B60	70	Psup	4.9595	0	-1.5586	0	0.2779	0	5.8984
NE+3.30	B60	70	Psup	5.6359	0	2.223	0	0.2779	0	5.6737
NE+3.30	B60	70	Psup	6.3123	0	6.0047	0	0.2779	0	2.8912
NE+3.30	B60	70	Psup	6.9886	0	9.7863	0	0.2779	0	-2.449
NE+3.30	B60	70	Psup	7.665	0	12.3222	0	0.2779	0	-10.0937
NE+3.30	B60	70	Viva.cub	0.225	0	-0.0789	0	0.0702	0	-0.0853
NE+3.30	B60	70	Viva.cub	0.9014	0	-0.0789	0	0.0702	0	-0.0319
NE+3.30	B60	70	Viva.cub	1.5777	0	-0.0789	0	0.0702	0	0.0215
NE+3.30	B60	70	Viva.cub	1.97	0	-0.0789	0	0.0702	0	0.0525
NE+3.30	B60	70	Viva.cub	1.97	0	0.006	0	0.0039	0	0.0426
NE+3.30	B60	70	Viva.cub	2.2541	0	0.006	0	0.0039	0	0.0409
NE+3.30	B60	70	Viva.cub	2.9305	0	0.006	0	0.0039	0	0.0368
NE+3.30	B60	70	Viva.cub	3.6068	0	0.006	0	0.0039	0	0.0328
NE+3.30	B60	70	Viva.cub	3.95	0	0.006	0	0.0039	0	0.0307
NE+3.30	B60	70	Viva.cub	3.95	0	0.0113	0	-0.0414	0	0.0232
NE+3.30	B60	70	Viva.cub	4.2832	0	0.0113	0	-0.0414	0	0.0194
NE+3.30	B60	70	Viva.cub	4.9595	0	0.0113	0	-0.0414	0	0.0118
NE+3.30	B60	70	Viva.cub	5.6359	0	0.0113	0	-0.0414	0	0.0042

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B60	70	Viva.cub	6.3123	0	0.0113	0	-0.0414	0	-0.0034
NE+3.30	B60	70	Viva.cub	6.9886	0	0.0113	0	-0.0414	0	-0.0111
NE+3.30	B60	70	Viva.cub	7.665	0	0.0113	0	-0.0414	0	-0.0187
NE+3.30	B60	70	DISX-COMB Max	0.225	0	79.4196	0	9.3534	0	133.1395
NE+3.30	B60	70	DISX-COMB Max	0.9014	0	79.4196	0	9.3534	0	79.4446
NE+3.30	B60	70	DISX-COMB Max	1.5777	0	79.4196	0	9.3534	0	25.8396
NE+3.30	B60	70	DISX-COMB Max	1.97	0	79.4196	0	9.3534	0	6.2076
NE+3.30	B60	70	DISX-COMB Max	1.97	0	21.7103	0	3.2873	0	3.0797
NE+3.30	B60	70	DISX-COMB Max	2.2541	0	21.7103	0	3.2873	0	6.9633
NE+3.30	B60	70	DISX-COMB Max	2.9305	0	21.7103	0	3.2873	0	21.155
NE+3.30	B60	70	DISX-COMB Max	3.6068	0	21.7103	0	3.2873	0	35.7467
NE+3.30	B60	70	DISX-COMB Max	3.95	0	21.7103	0	3.2873	0	43.1743
NE+3.30	B60	70	DISX-COMB Max	3.95	0	42.2381	0	8.973	0	23.1944
NE+3.30	B60	70	DISX-COMB Max	4.2832	0	42.2381	0	8.973	0	9.2515
NE+3.30	B60	70	DISX-COMB Max	4.9595	0	42.2381	0	8.973	0	19.6321
NE+3.30	B60	70	DISX-COMB Max	5.6359	0	42.2381	0	8.973	0	48.1409
NE+3.30	B60	70	DISX-COMB Max	6.3123	0	42.2381	0	8.973	0	76.6939
NE+3.30	B60	70	DISX-COMB Max	6.9886	0	42.2381	0	8.973	0	105.2553
NE+3.30	B60	70	DISX-COMB Max	7.665	0	42.2381	0	8.973	0	133.8196
NE+3.30	B60	70	DISY-COMB Max	0.225	0	14.9198	0	18.6096	0	14.6698
NE+3.30	B60	70	DISY-COMB Max	0.9014	0	14.9198	0	18.6096	0	5.3605
NE+3.30	B60	70	DISY-COMB Max	1.5777	0	14.9198	0	18.6096	0	6.7774
NE+3.30	B60	70	DISY-COMB Max	1.97	0	14.9198	0	18.6096	0	12.2156
NE+3.30	B60	70	DISY-COMB Max	1.97	0	1.1626	0	1.1001	0	9.5894
NE+3.30	B60	70	DISY-COMB Max	2.2541	0	1.1626	0	1.1001	0	9.5491
NE+3.30	B60	70	DISY-COMB Max	2.9305	0	1.1626	0	1.1001	0	9.4991
NE+3.30	B60	70	DISY-COMB Max	3.6068	0	1.1626	0	1.1001	0	9.5139
NE+3.30	B60	70	DISY-COMB Max	3.95	0	1.1626	0	1.1001	0	9.5462
NE+3.30	B60	70	DISY-COMB Max	3.95	0	5.4614	0	10.2426	0	6.0454
NE+3.30	B60	70	DISY-COMB Max	4.2832	0	5.4614	0	10.2426	0	4.3088
NE+3.30	B60	70	DISY-COMB Max	4.9595	0	5.4614	0	10.2426	0	1.5582
NE+3.30	B60	70	DISY-COMB Max	5.6359	0	5.4614	0	10.2426	0	3.6851
NE+3.30	B60	70	DISY-COMB Max	6.3123	0	5.4614	0	10.2426	0	7.2126
NE+3.30	B60	70	DISY-COMB Max	6.9886	0	5.4614	0	10.2426	0	10.8513
NE+3.30	B60	70	DISY-COMB Max	7.665	0	5.4614	0	10.2426	0	14.518
NE+3.30	B60	70	B241	0.225	0	-39.1329	0	-0.3977	0	-36.8978
NE+3.30	B60	70	B241	0.9014	0	-32.7777	0	-0.3977	0	-12.3612
NE+3.30	B60	70	B241	1.5777	0	-25.6582	0	-0.3977	0	7.2386
NE+3.30	B60	70	B241	1.97	0	-23.2111	0	-0.3977	0	16.78
NE+3.30	B60	70	B241	1.97	0	-6.2358	0	-0.807	0	12.6347
NE+3.30	B60	70	B241	2.2541	0	-4.5969	0	-0.807	0	14.19
NE+3.30	B60	70	B241	2.9305	0	2.056	0	-0.807	0	15.2528
NE+3.30	B60	70	B241	3.6068	0	8.9764	0	-0.807	0	11.3389
NE+3.30	B60	70	B241	3.95	0	11.0442	0	-0.807	0	7.8743
NE+3.30	B60	70	B241	3.95	0	-12.9164	0	0.7877	0	2.4675

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B60	70	B241	4.2832	0	-10.9233	0	0.7877	0	6.4657
NE+3.30	B60	70	B241	4.9595	0	-4.0461	0	0.7877	0	11.7149
NE+3.30	B60	70	B241	5.6359	0	3.9241	0	0.7877	0	11.7561
NE+3.30	B60	70	B241	6.3123	0	11.8942	0	0.7877	0	6.4067
NE+3.30	B60	70	B241	6.9886	0	19.8643	0	0.7877	0	-4.3335
NE+3.30	B60	70	B241	7.665	0	26.2196	0	0.7877	0	-20.136
NE+3.30	B60	70	B242	0.225	0	-60.2643	0	0.9151	0	-58.603
NE+3.30	B60	70	B242	0.9014	0	-51.7873	0	0.9151	0	-20.3218
NE+3.30	B60	70	B242	1.5777	0	-41.9508	0	0.9151	0	11.0903
NE+3.30	B60	70	B242	1.97	0	-39.2377	0	0.9151	0	26.9366
NE+3.30	B60	70	B242	1.97	0	-8.9212	0	-1.5205	0	20.1053
NE+3.30	B60	70	B242	2.2541	0	-7.1936	0	-1.5205	0	22.4238
NE+3.30	B60	70	B242	2.9305	0	1.8131	0	-1.5205	0	24.6055
NE+3.30	B60	70	B242	3.6068	0	11.2954	0	-1.5205	0	19.8471
NE+3.30	B60	70	B242	3.95	0	13.5389	0	-1.5205	0	15.5338
NE+3.30	B60	70	B242	3.95	0	-15.8518	0	0.2583	0	6.8167
NE+3.30	B60	70	B242	4.2832	0	-13.6994	0	0.2583	0	11.7872
NE+3.30	B60	70	B242	4.9595	0	-4.2939	0	0.2583	0	18.2045
NE+3.30	B60	70	B242	5.6359	0	7.0558	0	0.2583	0	17.2705
NE+3.30	B60	70	B242	6.3123	0	18.4055	0	0.2583	0	8.6599
NE+3.30	B60	70	B242	6.9886	0	29.7551	0	0.2583	0	-7.6271
NE+3.30	B60	70	B242	7.665	0	38.2321	0	0.2583	0	-31.0065
NE+3.30	B61	71	Pprop	0.325	0	-9.0895	0	1.8877	0	-9.3911
NE+3.30	B61	71	Pprop	0.4473	0	-8.6617	0	1.8877	0	-8.3058
NE+3.30	B61	71	Pprop	0.5695	0	-8.2338	0	1.8877	0	-7.2729
NE+3.30	B61	71	Pprop	0.6918	0	-7.8059	0	1.8877	0	-6.2923
NE+3.30	B61	71	Pprop	0.8141	0	-7.3781	0	1.8877	0	-5.364
NE+3.30	B61	71	Pprop	0.9364	0	-6.9502	0	1.8877	0	-4.488
NE+3.30	B61	71	Pprop	1.0586	0	-6.5224	0	1.8877	0	-3.6644
NE+3.30	B61	71	Pprop	1.1809	0	-6.0945	0	1.8877	0	-2.893
NE+3.30	B61	71	Pprop	1.3032	0	-5.6667	0	1.8877	0	-2.174
NE+3.30	B61	71	Pprop	1.4255	0	-5.2388	0	1.8877	0	-1.5073
NE+3.30	B61	71	Pprop	1.5477	0	-4.8109	0	1.8877	0	-0.8928
NE+3.30	B61	71	Pprop	1.67	0	-4.3831	0	1.8877	0	-0.3308
NE+3.30	B61	71	Viva	0.325	0	-8.1779	0	1.9516	0	-8.4774
NE+3.30	B61	71	Viva	0.4473	0	-7.9418	0	1.9516	0	-7.4911
NE+3.30	B61	71	Viva	0.5695	0	-7.631	0	1.9516	0	-6.5383
NE+3.30	B61	71	Viva	0.6918	0	-7.2454	0	1.9516	0	-5.6281
NE+3.30	B61	71	Viva	0.8141	0	-6.7851	0	1.9516	0	-4.7695
NE+3.30	B61	71	Viva	0.9364	0	-6.3014	0	1.9516	0	-3.9701
NE+3.30	B61	71	Viva	1.0586	0	-5.8902	0	1.9516	0	-3.2255
NE+3.30	B61	71	Viva	1.1809	0	-5.5539	0	1.9516	0	-2.5266
NE+3.30	B61	71	Viva	1.3032	0	-5.2922	0	1.9516	0	-1.8643
NE+3.30	B61	71	Viva	1.4255	0	-5.1053	0	1.9516	0	-1.2294
NE+3.30	B61	71	Viva	1.5477	0	-4.9932	0	1.9516	0	-0.6128

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B61	71	Viva	1.67	0	-4.9558	0	1.9516	0	-0.0053
NE+3.30	B61	71	Psup	0.325	0	-11.0852	0	2.9356	0	-11.8114
NE+3.30	B61	71	Psup	0.4473	0	-10.769	0	2.9356	0	-10.4743
NE+3.30	B61	71	Psup	0.5695	0	-10.3528	0	2.9356	0	-9.182
NE+3.30	B61	71	Psup	0.6918	0	-9.8364	0	2.9356	0	-7.9467
NE+3.30	B61	71	Psup	0.8141	0	-9.2199	0	2.9356	0	-6.7806
NE+3.30	B61	71	Psup	0.9364	0	-8.5721	0	2.9356	0	-5.6937
NE+3.30	B61	71	Psup	1.0586	0	-8.0215	0	2.9356	0	-4.6803
NE+3.30	B61	71	Psup	1.1809	0	-7.571	0	2.9356	0	-3.728
NE+3.30	B61	71	Psup	1.3032	0	-7.2207	0	2.9356	0	-2.8247
NE+3.30	B61	71	Psup	1.4255	0	-6.9704	0	2.9356	0	-1.9582
NE+3.30	B61	71	Psup	1.5477	0	-6.8202	0	2.9356	0	-1.1161
NE+3.30	B61	71	Psup	1.67	0	-6.7702	0	2.9356	0	-0.2862
NE+3.30	B61	71	Viva.cub	0.325	0	0.0329	0	-0.032	0	0.0562
NE+3.30	B61	71	Viva.cub	0.4473	0	0.0329	0	-0.032	0	0.0522
NE+3.30	B61	71	Viva.cub	0.5695	0	0.0329	0	-0.032	0	0.0482
NE+3.30	B61	71	Viva.cub	0.6918	0	0.0329	0	-0.032	0	0.0442
NE+3.30	B61	71	Viva.cub	0.8141	0	0.0329	0	-0.032	0	0.0401
NE+3.30	B61	71	Viva.cub	0.9364	0	0.0329	0	-0.032	0	0.0361
NE+3.30	B61	71	Viva.cub	1.0586	0	0.0329	0	-0.032	0	0.0321
NE+3.30	B61	71	Viva.cub	1.1809	0	0.0329	0	-0.032	0	0.0281
NE+3.30	B61	71	Viva.cub	1.3032	0	0.0329	0	-0.032	0	0.0241
NE+3.30	B61	71	Viva.cub	1.4255	0	0.0329	0	-0.032	0	0.02
NE+3.30	B61	71	Viva.cub	1.5477	0	0.0329	0	-0.032	0	0.016
NE+3.30	B61	71	Viva.cub	1.67	0	0.0329	0	-0.032	0	0.012
NE+3.30	B61	71	DISX-COMB Max	0.325	0	3.8984	0	23.0526	0	6.0519
NE+3.30	B61	71	DISX-COMB Max	0.4473	0	3.8984	0	23.0526	0	5.6499
NE+3.30	B61	71	DISX-COMB Max	0.5695	0	3.8984	0	23.0526	0	5.2603
NE+3.30	B61	71	DISX-COMB Max	0.6918	0	3.8984	0	23.0526	0	4.8862
NE+3.30	B61	71	DISX-COMB Max	0.8141	0	3.8984	0	23.0526	0	4.5315
NE+3.30	B61	71	DISX-COMB Max	0.9364	0	3.8984	0	23.0526	0	4.2009
NE+3.30	B61	71	DISX-COMB Max	1.0586	0	3.8984	0	23.0526	0	3.9006
NE+3.30	B61	71	DISX-COMB Max	1.1809	0	3.8984	0	23.0526	0	3.6383
NE+3.30	B61	71	DISX-COMB Max	1.3032	0	3.8984	0	23.0526	0	3.4225
NE+3.30	B61	71	DISX-COMB Max	1.4255	0	3.8984	0	23.0526	0	3.2626
NE+3.30	B61	71	DISX-COMB Max	1.5477	0	3.8984	0	23.0526	0	3.167
NE+3.30	B61	71	DISX-COMB Max	1.67	0	3.8984	0	23.0526	0	3.1416
NE+3.30	B61	71	DISY-COMB Max	0.325	0	8.9549	0	10.7352	0	15.5648
NE+3.30	B61	71	DISY-COMB Max	0.4473	0	8.9549	0	10.7352	0	14.4699
NE+3.30	B61	71	DISY-COMB Max	0.5695	0	8.9549	0	10.7352	0	13.375
NE+3.30	B61	71	DISY-COMB Max	0.6918	0	8.9549	0	10.7352	0	12.2801
NE+3.30	B61	71	DISY-COMB Max	0.8141	0	8.9549	0	10.7352	0	11.1852
NE+3.30	B61	71	DISY-COMB Max	0.9364	0	8.9549	0	10.7352	0	10.0903
NE+3.30	B61	71	DISY-COMB Max	1.0586	0	8.9549	0	10.7352	0	8.9954
NE+3.30	B61	71	DISY-COMB Max	1.1809	0	8.9549	0	10.7352	0	7.9006

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B61	71	DISY-COMB Max	1.3032	0	8.9549	0	10.7352	0	6.8058
NE+3.30	B61	71	DISY-COMB Max	1.4255	0	8.9549	0	10.7352	0	5.711
NE+3.30	B61	71	DISY-COMB Max	1.5477	0	8.9549	0	10.7352	0	4.6163
NE+3.30	B61	71	DISY-COMB Max	1.67	0	8.9549	0	10.7352	0	3.5218
NE+3.30	B61	71	B241	0.325	0	-26.1523	0	6.2525	0	-27.4847
NE+3.30	B61	71	B241	0.4473	0	-25.1879	0	6.2525	0	-24.3446
NE+3.30	B61	71	B241	0.5695	0	-24.0937	0	6.2525	0	-21.3304
NE+3.30	B61	71	B241	0.6918	0	-22.8697	0	6.2525	0	-18.4579
NE+3.30	B61	71	B241	0.8141	0	-21.5159	0	6.2525	0	-15.743
NE+3.30	B61	71	B241	0.9364	0	-20.1216	0	6.2525	0	-13.1986
NE+3.30	B61	71	B241	1.0586	0	-18.8532	0	6.2525	0	-10.8171
NE+3.30	B61	71	B241	1.1809	0	-17.7146	0	6.2525	0	-8.5828
NE+3.30	B61	71	B241	1.3032	0	-16.7058	0	6.2525	0	-6.4798
NE+3.30	B61	71	B241	1.4255	0	-15.8267	0	6.2525	0	-4.4922
NE+3.30	B61	71	B241	1.5477	0	-15.0774	0	6.2525	0	-2.6041
NE+3.30	B61	71	B241	1.67	0	-14.4579	0	6.2525	0	-0.7998
NE+3.30	B61	71	B242	0.325	0	-35.4845	0	8.4658	0	-37.0941
NE+3.30	B61	71	B242	0.4473	0	-34.2801	0	8.4658	0	-32.8265
NE+3.30	B61	71	B242	0.5695	0	-32.8449	0	8.4658	0	-28.7204
NE+3.30	B61	71	B242	0.6918	0	-31.1788	0	8.4658	0	-24.8039
NE+3.30	B61	71	B242	0.8141	0	-29.282	0	8.4658	0	-21.1052
NE+3.30	B61	71	B242	0.9364	0	-27.3129	0	8.4658	0	-17.6472
NE+3.30	B61	71	B242	1.0586	0	-25.5679	0	8.4658	0	-14.4166
NE+3.30	B61	71	B242	1.1809	0	-24.0537	0	8.4658	0	-11.3853
NE+3.30	B61	71	B242	1.3032	0	-22.7704	0	8.4658	0	-8.525
NE+3.30	B61	71	B242	1.4255	0	-21.7179	0	8.4658	0	-5.8075
NE+3.30	B61	71	B242	1.5477	0	-20.8962	0	8.4658	0	-3.2045
NE+3.30	B61	71	B242	1.67	0	-20.3054	0	8.4658	0	-0.688
NE+3.30	B62	72	Pprop	0.325	0	-15.5666	0	0.0065	0	-17.3487
NE+3.30	B62	72	Pprop	0.4473	0	-15.1387	0	0.0065	0	-15.4715
NE+3.30	B62	72	Pprop	0.5695	0	-14.7109	0	0.0065	0	-13.6466
NE+3.30	B62	72	Pprop	0.6918	0	-14.283	0	0.0065	0	-11.874
NE+3.30	B62	72	Pprop	0.8141	0	-13.8552	0	0.0065	0	-10.1538
NE+3.30	B62	72	Pprop	0.9364	0	-13.4273	0	0.0065	0	-8.4858
NE+3.30	B62	72	Pprop	1.0586	0	-12.9994	0	0.0065	0	-6.8702
NE+3.30	B62	72	Pprop	1.1809	0	-12.5716	0	0.0065	0	-5.3069
NE+3.30	B62	72	Pprop	1.3032	0	-12.1437	0	0.0065	0	-3.7958
NE+3.30	B62	72	Pprop	1.4255	0	-11.7159	0	0.0065	0	-2.3372
NE+3.30	B62	72	Pprop	1.5477	0	-11.288	0	0.0065	0	-0.9308
NE+3.30	B62	72	Pprop	1.67	0	-10.8602	0	0.0065	0	0.4233
NE+3.30	B62	72	Viva	0.325	0	-18.838	0	-0.0023	0	-19.0176
NE+3.30	B62	72	Viva	0.4473	0	-18.3659	0	-0.0023	0	-16.7416
NE+3.30	B62	72	Viva	0.5695	0	-17.7443	0	-0.0023	0	-14.5324
NE+3.30	B62	72	Viva	0.6918	0	-16.9731	0	-0.0023	0	-12.4084
NE+3.30	B62	72	Viva	0.8141	0	-16.0524	0	-0.0023	0	-10.3878

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B62	72	Viva	0.9364	0	-15.085	0	-0.0023	0	-8.4855
NE+3.30	B62	72	Viva	1.0586	0	-14.2627	0	-0.0023	0	-6.6928
NE+3.30	B62	72	Viva	1.1809	0	-13.59	0	-0.0023	0	-4.9915
NE+3.30	B62	72	Viva	1.3032	0	-13.0667	0	-0.0023	0	-3.3633
NE+3.30	B62	72	Viva	1.4255	0	-12.6929	0	-0.0023	0	-1.79
NE+3.30	B62	72	Viva	1.5477	0	-12.4687	0	-0.0023	0	-0.2532
NE+3.30	B62	72	Viva	1.67	0	-12.3939	0	-0.0023	0	1.2653
NE+3.30	B62	72	Psup	0.325	0	-26.0978	0	0.1052	0	-26.9549
NE+3.30	B62	72	Psup	0.4473	0	-25.4655	0	0.1052	0	-23.8005
NE+3.30	B62	72	Psup	0.5695	0	-24.633	0	0.1052	0	-20.7356
NE+3.30	B62	72	Psup	0.6918	0	-23.6002	0	0.1052	0	-17.7848
NE+3.30	B62	72	Psup	0.8141	0	-22.3673	0	0.1052	0	-14.9724
NE+3.30	B62	72	Psup	0.9364	0	-21.0717	0	0.1052	0	-12.3184
NE+3.30	B62	72	Psup	1.0586	0	-19.9705	0	0.1052	0	-9.8113
NE+3.30	B62	72	Psup	1.1809	0	-19.0695	0	0.1052	0	-7.4266
NE+3.30	B62	72	Psup	1.3032	0	-18.3688	0	0.1052	0	-5.1398
NE+3.30	B62	72	Psup	1.4255	0	-17.8682	0	0.1052	0	-2.9264
NE+3.30	B62	72	Psup	1.5477	0	-17.5679	0	0.1052	0	-0.762
NE+3.30	B62	72	Psup	1.67	0	-17.4678	0	0.1052	0	1.3779
NE+3.30	B62	72	Viva.cub	0.325	0	0.0897	0	0.0041	0	0.1319
NE+3.30	B62	72	Viva.cub	0.4473	0	0.0897	0	0.0041	0	0.121
NE+3.30	B62	72	Viva.cub	0.5695	0	0.0897	0	0.0041	0	0.11
NE+3.30	B62	72	Viva.cub	0.6918	0	0.0897	0	0.0041	0	0.099
NE+3.30	B62	72	Viva.cub	0.8141	0	0.0897	0	0.0041	0	0.0881
NE+3.30	B62	72	Viva.cub	0.9364	0	0.0897	0	0.0041	0	0.0771
NE+3.30	B62	72	Viva.cub	1.0586	0	0.0897	0	0.0041	0	0.0661
NE+3.30	B62	72	Viva.cub	1.1809	0	0.0897	0	0.0041	0	0.0552
NE+3.30	B62	72	Viva.cub	1.3032	0	0.0897	0	0.0041	0	0.0442
NE+3.30	B62	72	Viva.cub	1.4255	0	0.0897	0	0.0041	0	0.0332
NE+3.30	B62	72	Viva.cub	1.5477	0	0.0897	0	0.0041	0	0.0223
NE+3.30	B62	72	Viva.cub	1.67	0	0.0897	0	0.0041	0	0.0113
NE+3.30	B62	72	DISX-COMB Max	0.325	0	9.6829	0	25.8873	0	14.6705
NE+3.30	B62	72	DISX-COMB Max	0.4473	0	9.6829	0	25.8873	0	13.4866
NE+3.30	B62	72	DISX-COMB Max	0.5695	0	9.6829	0	25.8873	0	12.3026
NE+3.30	B62	72	DISX-COMB Max	0.6918	0	9.6829	0	25.8873	0	11.1187
NE+3.30	B62	72	DISX-COMB Max	0.8141	0	9.6829	0	25.8873	0	9.9348
NE+3.30	B62	72	DISX-COMB Max	0.9364	0	9.6829	0	25.8873	0	8.7508
NE+3.30	B62	72	DISX-COMB Max	1.0586	0	9.6829	0	25.8873	0	7.5669
NE+3.30	B62	72	DISX-COMB Max	1.1809	0	9.6829	0	25.8873	0	6.3829
NE+3.30	B62	72	DISX-COMB Max	1.3032	0	9.6829	0	25.8873	0	5.199
NE+3.30	B62	72	DISX-COMB Max	1.4255	0	9.6829	0	25.8873	0	4.0151
NE+3.30	B62	72	DISX-COMB Max	1.5477	0	9.6829	0	25.8873	0	2.8312
NE+3.30	B62	72	DISX-COMB Max	1.67	0	9.6829	0	25.8873	0	1.6473
NE+3.30	B62	72	DISY-COMB Max	0.325	0	22.6509	0	1.9271	0	34.1211
NE+3.30	B62	72	DISY-COMB Max	0.4473	0	22.6509	0	1.9271	0	31.3515

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B62	72	DISY-COMB Max	0.5695	0	22.6509	0	1.9271	0	28.5819
NE+3.30	B62	72	DISY-COMB Max	0.6918	0	22.6509	0	1.9271	0	25.8123
NE+3.30	B62	72	DISY-COMB Max	0.8141	0	22.6509	0	1.9271	0	23.0428
NE+3.30	B62	72	DISY-COMB Max	0.9364	0	22.6509	0	1.9271	0	20.2732
NE+3.30	B62	72	DISY-COMB Max	1.0586	0	22.6509	0	1.9271	0	17.5036
NE+3.30	B62	72	DISY-COMB Max	1.1809	0	22.6509	0	1.9271	0	14.734
NE+3.30	B62	72	DISY-COMB Max	1.3032	0	22.6509	0	1.9271	0	11.9644
NE+3.30	B62	72	DISY-COMB Max	1.4255	0	22.6509	0	1.9271	0	9.1949
NE+3.30	B62	72	DISY-COMB Max	1.5477	0	22.6509	0	1.9271	0	6.4253
NE+3.30	B62	72	DISY-COMB Max	1.67	0	22.6509	0	1.9271	0	3.6559
NE+3.30	B62	72	B241	0.325	0	-54.0094	0	0.1448	0	-57.4306
NE+3.30	B62	72	B241	0.4473	0	-52.6351	0	0.1448	0	-50.9081
NE+3.30	B62	72	B241	0.5695	0	-51.0013	0	0.1448	0	-44.5695
NE+3.30	B62	72	B241	0.6918	0	-49.1079	0	0.1448	0	-38.4466
NE+3.30	B62	72	B241	0.8141	0	-46.955	0	0.1448	0	-32.571
NE+3.30	B62	72	B241	0.9364	0	-44.721	0	0.1448	0	-26.9685
NE+3.30	B62	72	B241	1.0586	0	-42.7389	0	0.1448	0	-21.6241
NE+3.30	B62	72	B241	1.1809	0	-41.0163	0	0.1448	0	-16.5063
NE+3.30	B62	72	B241	1.3032	0	-39.5533	0	0.1448	0	-11.5832
NE+3.30	B62	72	B241	1.4255	0	-38.3498	0	0.1448	0	-6.8232
NE+3.30	B62	72	B241	1.5477	0	-37.4058	0	0.1448	0	-2.1944
NE+3.30	B62	72	B241	1.67	0	-36.7214	0	0.1448	0	2.3349
NE+3.30	B62	72	B242	0.325	0	-76.3897	0	0.1225	0	-79.5885
NE+3.30	B62	72	B242	0.4473	0	-74.4564	0	0.1225	0	-70.3616
NE+3.30	B62	72	B242	0.5695	0	-72.0613	0	0.1225	0	-61.3993
NE+3.30	B62	72	B242	0.6918	0	-69.2046	0	0.1225	0	-52.7581
NE+3.30	B62	72	B242	0.8141	0	-65.8862	0	0.1225	0	-44.4945
NE+3.30	B62	72	B242	0.9364	0	-62.4235	0	0.1225	0	-36.654
NE+3.30	B62	72	B242	1.0586	0	-59.4089	0	0.1225	0	-29.2104
NE+3.30	B62	72	B242	1.1809	0	-56.8559	0	0.1225	0	-22.1071
NE+3.30	B62	72	B242	1.3032	0	-54.7647	0	0.1225	0	-15.2877
NE+3.30	B62	72	B242	1.4255	0	-53.1351	0	0.1225	0	-8.6958
NE+3.30	B62	72	B242	1.5477	0	-51.9672	0	0.1225	0	-2.2749
NE+3.30	B62	72	B242	1.67	0	-51.2609	0	0.1225	0	4.0314
NE+3.30	B63	73	Pprop	0.325	0	-15.4522	0	-0.0532	0	-17.184
NE+3.30	B63	73	Pprop	0.4473	0	-15.0243	0	-0.0532	0	-15.3207
NE+3.30	B63	73	Pprop	0.5695	0	-14.5965	0	-0.0532	0	-13.5098
NE+3.30	B63	73	Pprop	0.6918	0	-14.1686	0	-0.0532	0	-11.7512
NE+3.30	B63	73	Pprop	0.8141	0	-13.7408	0	-0.0532	0	-10.045
NE+3.30	B63	73	Pprop	0.9364	0	-13.3129	0	-0.0532	0	-8.391
NE+3.30	B63	73	Pprop	1.0586	0	-12.885	0	-0.0532	0	-6.7894
NE+3.30	B63	73	Pprop	1.1809	0	-12.4572	0	-0.0532	0	-5.24
NE+3.30	B63	73	Pprop	1.3032	0	-12.0293	0	-0.0532	0	-3.743
NE+3.30	B63	73	Pprop	1.4255	0	-11.6015	0	-0.0532	0	-2.2983
NE+3.30	B63	73	Pprop	1.5477	0	-11.1736	0	-0.0532	0	-0.9059

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B63	73	Pprop	1.67	0	-10.7458	0	-0.0532	0	0.4341
NE+3.30	B63	73	Viva	0.325	0	-18.5177	0	-0.0389	0	-18.5909
NE+3.30	B63	73	Viva	0.4473	0	-18.0456	0	-0.0389	0	-16.354
NE+3.30	B63	73	Viva	0.5695	0	-17.4239	0	-0.0389	0	-14.184
NE+3.30	B63	73	Viva	0.6918	0	-16.6528	0	-0.0389	0	-12.0992
NE+3.30	B63	73	Viva	0.8141	0	-15.7321	0	-0.0389	0	-10.1178
NE+3.30	B63	73	Viva	0.9364	0	-14.7647	0	-0.0389	0	-8.2546
NE+3.30	B63	73	Viva	1.0586	0	-13.9424	0	-0.0389	0	-6.5011
NE+3.30	B63	73	Viva	1.1809	0	-13.2696	0	-0.0389	0	-4.839
NE+3.30	B63	73	Viva	1.3032	0	-12.7463	0	-0.0389	0	-3.25
NE+3.30	B63	73	Viva	1.4255	0	-12.3726	0	-0.0389	0	-1.7158
NE+3.30	B63	73	Viva	1.5477	0	-12.1483	0	-0.0389	0	-0.2182
NE+3.30	B63	73	Viva	1.67	0	-12.0736	0	-0.0389	0	1.2611
NE+3.30	B63	73	Psup	0.325	0	-25.811	0	-0.1507	0	-26.5923
NE+3.30	B63	73	Psup	0.4473	0	-25.1788	0	-0.1507	0	-23.4729
NE+3.30	B63	73	Psup	0.5695	0	-24.3463	0	-0.1507	0	-20.4431
NE+3.30	B63	73	Psup	0.6918	0	-23.3135	0	-0.1507	0	-17.5273
NE+3.30	B63	73	Psup	0.8141	0	-22.0806	0	-0.1507	0	-14.75
NE+3.30	B63	73	Psup	0.9364	0	-20.785	0	-0.1507	0	-12.1311
NE+3.30	B63	73	Psup	1.0586	0	-19.6838	0	-0.1507	0	-9.659
NE+3.30	B63	73	Psup	1.1809	0	-18.7828	0	-0.1507	0	-7.3094
NE+3.30	B63	73	Psup	1.3032	0	-18.0821	0	-0.1507	0	-5.0576
NE+3.30	B63	73	Psup	1.4255	0	-17.5815	0	-0.1507	0	-2.8793
NE+3.30	B63	73	Psup	1.5477	0	-17.2812	0	-0.1507	0	-0.75
NE+3.30	B63	73	Psup	1.67	0	-17.1811	0	-0.1507	0	1.3549
NE+3.30	B63	73	Viva.cub	0.325	0	0.084	0	0.0017	0	0.1246
NE+3.30	B63	73	Viva.cub	0.4473	0	0.084	0	0.0017	0	0.1143
NE+3.30	B63	73	Viva.cub	0.5695	0	0.084	0	0.0017	0	0.104
NE+3.30	B63	73	Viva.cub	0.6918	0	0.084	0	0.0017	0	0.0937
NE+3.30	B63	73	Viva.cub	0.8141	0	0.084	0	0.0017	0	0.0835
NE+3.30	B63	73	Viva.cub	0.9364	0	0.084	0	0.0017	0	0.0732
NE+3.30	B63	73	Viva.cub	1.0586	0	0.084	0	0.0017	0	0.0629
NE+3.30	B63	73	Viva.cub	1.1809	0	0.084	0	0.0017	0	0.0527
NE+3.30	B63	73	Viva.cub	1.3032	0	0.084	0	0.0017	0	0.0424
NE+3.30	B63	73	Viva.cub	1.4255	0	0.084	0	0.0017	0	0.0321
NE+3.30	B63	73	Viva.cub	1.5477	0	0.084	0	0.0017	0	0.0219
NE+3.30	B63	73	Viva.cub	1.67	0	0.084	0	0.0017	0	0.0116
NE+3.30	B63	73	DISX-COMB Max	0.325	0	3.0225	0	25.3588	0	4.5192
NE+3.30	B63	73	DISX-COMB Max	0.4473	0	3.0225	0	25.3588	0	4.1497
NE+3.30	B63	73	DISX-COMB Max	0.5695	0	3.0225	0	25.3588	0	3.7801
NE+3.30	B63	73	DISX-COMB Max	0.6918	0	3.0225	0	25.3588	0	3.4105
NE+3.30	B63	73	DISX-COMB Max	0.8141	0	3.0225	0	25.3588	0	3.041
NE+3.30	B63	73	DISX-COMB Max	0.9364	0	3.0225	0	25.3588	0	2.6714
NE+3.30	B63	73	DISX-COMB Max	1.0586	0	3.0225	0	25.3588	0	2.3018
NE+3.30	B63	73	DISX-COMB Max	1.1809	0	3.0225	0	25.3588	0	1.9323

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B63	73	DISX-COMB Max	1.3032	0	3.0225	0	25.3588	0	1.5627
NE+3.30	B63	73	DISX-COMB Max	1.4255	0	3.0225	0	25.3588	0	1.1932
NE+3.30	B63	73	DISX-COMB Max	1.5477	0	3.0225	0	25.3588	0	0.8236
NE+3.30	B63	73	DISX-COMB Max	1.67	0	3.0225	0	25.3588	0	0.4541
NE+3.30	B63	73	DISY-COMB Max	0.325	0	22.1175	0	2.2053	0	33.0578
NE+3.30	B63	73	DISY-COMB Max	0.4473	0	22.1175	0	2.2053	0	30.3535
NE+3.30	B63	73	DISY-COMB Max	0.5695	0	22.1175	0	2.2053	0	27.6491
NE+3.30	B63	73	DISY-COMB Max	0.6918	0	22.1175	0	2.2053	0	24.9447
NE+3.30	B63	73	DISY-COMB Max	0.8141	0	22.1175	0	2.2053	0	22.2404
NE+3.30	B63	73	DISY-COMB Max	0.9364	0	22.1175	0	2.2053	0	19.536
NE+3.30	B63	73	DISY-COMB Max	1.0586	0	22.1175	0	2.2053	0	16.8316
NE+3.30	B63	73	DISY-COMB Max	1.1809	0	22.1175	0	2.2053	0	14.1273
NE+3.30	B63	73	DISY-COMB Max	1.3032	0	22.1175	0	2.2053	0	11.4229
NE+3.30	B63	73	DISY-COMB Max	1.4255	0	22.1175	0	2.2053	0	8.7186
NE+3.30	B63	73	DISY-COMB Max	1.5477	0	22.1175	0	2.2053	0	6.0142
NE+3.30	B63	73	DISY-COMB Max	1.67	0	22.1175	0	2.2053	0	3.3099
NE+3.30	B63	73	B241	0.325	0	-53.4894	0	-0.2642	0	-56.747
NE+3.30	B63	73	B241	0.4473	0	-52.1151	0	-0.2642	0	-50.2881
NE+3.30	B63	73	B241	0.5695	0	-50.4813	0	-0.2642	0	-44.0131
NE+3.30	B63	73	B241	0.6918	0	-48.5879	0	-0.2642	0	-37.9537
NE+3.30	B63	73	B241	0.8141	0	-46.4351	0	-0.2642	0	-32.1417
NE+3.30	B63	73	B241	0.9364	0	-44.201	0	-0.2642	0	-26.6027
NE+3.30	B63	73	B241	1.0586	0	-42.2189	0	-0.2642	0	-21.322
NE+3.30	B63	73	B241	1.1809	0	-40.4963	0	-0.2642	0	-16.2677
NE+3.30	B63	73	B241	1.3032	0	-39.0333	0	-0.2642	0	-11.4082
NE+3.30	B63	73	B241	1.4255	0	-37.8298	0	-0.2642	0	-6.7117
NE+3.30	B63	73	B241	1.5477	0	-36.8858	0	-0.2642	0	-2.1465
NE+3.30	B63	73	B241	1.67	0	-36.2014	0	-0.2642	0	2.3191
NE+3.30	B63	73	B242	0.325	0	-75.4343	0	-0.2879	0	-78.3234
NE+3.30	B63	73	B242	0.4473	0	-73.501	0	-0.2879	0	-69.2134
NE+3.30	B63	73	B242	0.5695	0	-71.1059	0	-0.2879	0	-60.3679
NE+3.30	B63	73	B242	0.6918	0	-68.2492	0	-0.2879	0	-51.8435
NE+3.30	B63	73	B242	0.8141	0	-64.9308	0	-0.2879	0	-43.6967
NE+3.30	B63	73	B242	0.9364	0	-61.4681	0	-0.2879	0	-35.9731
NE+3.30	B63	73	B242	1.0586	0	-58.4535	0	-0.2879	0	-28.6462
NE+3.30	B63	73	B242	1.1809	0	-55.9005	0	-0.2879	0	-21.6598
NE+3.30	B63	73	B242	1.3032	0	-53.8093	0	-0.2879	0	-14.9572
NE+3.30	B63	73	B242	1.4255	0	-52.1797	0	-0.2879	0	-8.4821
NE+3.30	B63	73	B242	1.5477	0	-51.0118	0	-0.2879	0	-2.1781
NE+3.30	B63	73	B242	1.67	0	-50.3055	0	-0.2879	0	4.0114
NE+3.30	B64	74	Pprop	0.325	0	-14.956	0	-0.1898	0	-16.4483
NE+3.30	B64	74	Pprop	0.4473	0	-14.5281	0	-0.1898	0	-14.6458
NE+3.30	B64	74	Pprop	0.5695	0	-14.1003	0	-0.1898	0	-12.8955
NE+3.30	B64	74	Pprop	0.6918	0	-13.6724	0	-0.1898	0	-11.1976
NE+3.30	B64	74	Pprop	0.8141	0	-13.2446	0	-0.1898	0	-9.552

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B64	74	Pprop	0.9364	0	-12.8167	0	-0.1898	0	-7.9587
NE+3.30	B64	74	Pprop	1.0586	0	-12.3889	0	-0.1898	0	-6.4177
NE+3.30	B64	74	Pprop	1.1809	0	-11.961	0	-0.1898	0	-4.9291
NE+3.30	B64	74	Pprop	1.3032	0	-11.5331	0	-0.1898	0	-3.4927
NE+3.30	B64	74	Pprop	1.4255	0	-11.1053	0	-0.1898	0	-2.1087
NE+3.30	B64	74	Pprop	1.5477	0	-10.6774	0	-0.1898	0	-0.777
NE+3.30	B64	74	Pprop	1.67	0	-10.2496	0	-0.1898	0	0.5024
NE+3.30	B64	74	Viva	0.325	0	-17.5331	0	-0.1766	0	-17.3264
NE+3.30	B64	74	Viva	0.4473	0	-17.061	0	-0.1766	0	-15.21
NE+3.30	B64	74	Viva	0.5695	0	-16.4394	0	-0.1766	0	-13.1603
NE+3.30	B64	74	Viva	0.6918	0	-15.6682	0	-0.1766	0	-11.1959
NE+3.30	B64	74	Viva	0.8141	0	-14.7475	0	-0.1766	0	-9.3348
NE+3.30	B64	74	Viva	0.9364	0	-13.7801	0	-0.1766	0	-7.5921
NE+3.30	B64	74	Viva	1.0586	0	-12.9578	0	-0.1766	0	-5.9589
NE+3.30	B64	74	Viva	1.1809	0	-12.2851	0	-0.1766	0	-4.4172
NE+3.30	B64	74	Viva	1.3032	0	-11.7618	0	-0.1766	0	-2.9486
NE+3.30	B64	74	Viva	1.4255	0	-11.388	0	-0.1766	0	-1.5348
NE+3.30	B64	74	Viva	1.5477	0	-11.1638	0	-0.1766	0	-0.1576
NE+3.30	B64	74	Viva	1.67	0	-11.089	0	-0.1766	0	1.2013
NE+3.30	B64	74	Psup	0.325	0	-24.2442	0	-0.4132	0	-24.4813
NE+3.30	B64	74	Psup	0.4473	0	-23.6119	0	-0.4132	0	-21.5535
NE+3.30	B64	74	Psup	0.5695	0	-22.7794	0	-0.4132	0	-18.7153
NE+3.30	B64	74	Psup	0.6918	0	-21.7467	0	-0.4132	0	-15.9911
NE+3.30	B64	74	Psup	0.8141	0	-20.5137	0	-0.4132	0	-13.4054
NE+3.30	B64	74	Psup	0.9364	0	-19.2181	0	-0.4132	0	-10.9781
NE+3.30	B64	74	Psup	1.0586	0	-18.1169	0	-0.4132	0	-8.6976
NE+3.30	B64	74	Psup	1.1809	0	-17.216	0	-0.4132	0	-6.5395
NE+3.30	B64	74	Psup	1.3032	0	-16.5152	0	-0.4132	0	-4.4793
NE+3.30	B64	74	Psup	1.4255	0	-16.0146	0	-0.4132	0	-2.4926
NE+3.30	B64	74	Psup	1.5477	0	-15.7143	0	-0.4132	0	-0.5549
NE+3.30	B64	74	Psup	1.67	0	-15.6142	0	-0.4132	0	1.3584
NE+3.30	B64	74	Viva.cub	0.325	0	0.0958	0	-0.0003	0	0.1379
NE+3.30	B64	74	Viva.cub	0.4473	0	0.0958	0	-0.0003	0	0.1262
NE+3.30	B64	74	Viva.cub	0.5695	0	0.0958	0	-0.0003	0	0.1145
NE+3.30	B64	74	Viva.cub	0.6918	0	0.0958	0	-0.0003	0	0.1028
NE+3.30	B64	74	Viva.cub	0.8141	0	0.0958	0	-0.0003	0	0.0911
NE+3.30	B64	74	Viva.cub	0.9364	0	0.0958	0	-0.0003	0	0.0794
NE+3.30	B64	74	Viva.cub	1.0586	0	0.0958	0	-0.0003	0	0.0677
NE+3.30	B64	74	Viva.cub	1.1809	0	0.0958	0	-0.0003	0	0.0559
NE+3.30	B64	74	Viva.cub	1.3032	0	0.0958	0	-0.0003	0	0.0442
NE+3.30	B64	74	Viva.cub	1.4255	0	0.0958	0	-0.0003	0	0.0325
NE+3.30	B64	74	Viva.cub	1.5477	0	0.0958	0	-0.0003	0	0.0208
NE+3.30	B64	74	Viva.cub	1.67	0	0.0958	0	-0.0003	0	0.0091
NE+3.30	B64	74	DISX-COMB Max	0.325	0	3.7619	0	25.4576	0	5.5237
NE+3.30	B64	74	DISX-COMB Max	0.4473	0	3.7619	0	25.4576	0	5.0638

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B64	74	DISX-COMB Max	0.5695	0	3.7619	0	25.4576	0	4.6038
NE+3.30	B64	74	DISX-COMB Max	0.6918	0	3.7619	0	25.4576	0	4.1438
NE+3.30	B64	74	DISX-COMB Max	0.8141	0	3.7619	0	25.4576	0	3.6839
NE+3.30	B64	74	DISX-COMB Max	0.9364	0	3.7619	0	25.4576	0	3.2239
NE+3.30	B64	74	DISX-COMB Max	1.0586	0	3.7619	0	25.4576	0	2.764
NE+3.30	B64	74	DISX-COMB Max	1.1809	0	3.7619	0	25.4576	0	2.304
NE+3.30	B64	74	DISX-COMB Max	1.3032	0	3.7619	0	25.4576	0	1.8441
NE+3.30	B64	74	DISX-COMB Max	1.4255	0	3.7619	0	25.4576	0	1.3842
NE+3.30	B64	74	DISX-COMB Max	1.5477	0	3.7619	0	25.4576	0	0.9243
NE+3.30	B64	74	DISX-COMB Max	1.67	0	3.7619	0	25.4576	0	0.4647
NE+3.30	B64	74	DISY-COMB Max	0.325	0	24.0652	0	2.4388	0	35.0739
NE+3.30	B64	74	DISY-COMB Max	0.4473	0	24.0652	0	2.4388	0	32.1313
NE+3.30	B64	74	DISY-COMB Max	0.5695	0	24.0652	0	2.4388	0	29.1888
NE+3.30	B64	74	DISY-COMB Max	0.6918	0	24.0652	0	2.4388	0	26.2463
NE+3.30	B64	74	DISY-COMB Max	0.8141	0	24.0652	0	2.4388	0	23.3038
NE+3.30	B64	74	DISY-COMB Max	0.9364	0	24.0652	0	2.4388	0	20.3613
NE+3.30	B64	74	DISY-COMB Max	1.0586	0	24.0652	0	2.4388	0	17.4188
NE+3.30	B64	74	DISY-COMB Max	1.1809	0	24.0652	0	2.4388	0	14.4762
NE+3.30	B64	74	DISY-COMB Max	1.3032	0	24.0652	0	2.4388	0	11.5337
NE+3.30	B64	74	DISY-COMB Max	1.4255	0	24.0652	0	2.4388	0	8.5912
NE+3.30	B64	74	DISY-COMB Max	1.5477	0	24.0652	0	2.4388	0	5.6487
NE+3.30	B64	74	DISY-COMB Max	1.67	0	24.0652	0	2.4388	0	2.7063
NE+3.30	B64	74	B241	0.325	0	-50.815	0	-0.7816	0	-53.057
NE+3.30	B64	74	B241	0.4473	0	-49.4408	0	-0.7816	0	-46.925
NE+3.30	B64	74	B241	0.5695	0	-47.807	0	-0.7816	0	-40.977
NE+3.30	B64	74	B241	0.6918	0	-45.9136	0	-0.7816	0	-35.2446
NE+3.30	B64	74	B241	0.8141	0	-43.7607	0	-0.7816	0	-29.7596
NE+3.30	B64	74	B241	0.9364	0	-41.5267	0	-0.7816	0	-24.5477
NE+3.30	B64	74	B241	1.0586	0	-39.5446	0	-0.7816	0	-19.5939
NE+3.30	B64	74	B241	1.1809	0	-37.822	0	-0.7816	0	-14.8667
NE+3.30	B64	74	B241	1.3032	0	-36.359	0	-0.7816	0	-10.3342
NE+3.30	B64	74	B241	1.4255	0	-35.1555	0	-0.7816	0	-5.9647
NE+3.30	B64	74	B241	1.5477	0	-34.2115	0	-0.7816	0	-1.7265
NE+3.30	B64	74	B241	1.67	0	-33.5271	0	-0.7816	0	2.4122
NE+3.30	B64	74	B242	0.325	0	-71.5609	0	-0.9526	0	-73.1307
NE+3.30	B64	74	B242	0.4473	0	-69.6275	0	-0.9526	0	-64.4943
NE+3.30	B64	74	B242	0.5695	0	-67.2325	0	-0.9526	0	-56.1225
NE+3.30	B64	74	B242	0.6918	0	-64.3758	0	-0.9526	0	-48.0717
NE+3.30	B64	74	B242	0.8141	0	-61.0574	0	-0.9526	0	-40.3985
NE+3.30	B64	74	B242	0.9364	0	-57.5946	0	-0.9526	0	-33.1485
NE+3.30	B64	74	B242	1.0586	0	-54.58	0	-0.9526	0	-26.2952
NE+3.30	B64	74	B242	1.1809	0	-52.0271	0	-0.9526	0	-19.7824
NE+3.30	B64	74	B242	1.3032	0	-49.9358	0	-0.9526	0	-13.5535
NE+3.30	B64	74	B242	1.4255	0	-48.3062	0	-0.9526	0	-7.552
NE+3.30	B64	74	B242	1.5477	0	-47.1383	0	-0.9526	0	-1.7216

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B64	74	B242	1.67	0	-46.4321	0	-0.9526	0	3.9943
NE+3.30	B65	75	Pprop	0.325	0	-14.3141	0	-0.0085	0	-15.5609
NE+3.30	B65	75	Pprop	0.4473	0	-13.8862	0	-0.0085	0	-13.8369
NE+3.30	B65	75	Pprop	0.5695	0	-13.4584	0	-0.0085	0	-12.1651
NE+3.30	B65	75	Pprop	0.6918	0	-13.0305	0	-0.0085	0	-10.5457
NE+3.30	B65	75	Pprop	0.8141	0	-12.6027	0	-0.0085	0	-8.9786
NE+3.30	B65	75	Pprop	0.9364	0	-12.1748	0	-0.0085	0	-7.4638
NE+3.30	B65	75	Pprop	1.0586	0	-11.747	0	-0.0085	0	-6.0013
NE+3.30	B65	75	Pprop	1.1809	0	-11.3191	0	-0.0085	0	-4.5911
NE+3.30	B65	75	Pprop	1.3032	0	-10.8913	0	-0.0085	0	-3.2332
NE+3.30	B65	75	Pprop	1.4255	0	-10.4634	0	-0.0085	0	-1.9277
NE+3.30	B65	75	Pprop	1.5477	0	-10.0355	0	-0.0085	0	-0.6744
NE+3.30	B65	75	Pprop	1.67	0	-9.6077	0	-0.0085	0	0.5265
NE+3.30	B65	75	Viva	0.325	0	-16.8161	0	0.3	0	-16.521
NE+3.30	B65	75	Viva	0.4473	0	-16.3439	0	0.3	0	-14.4922
NE+3.30	B65	75	Viva	0.5695	0	-15.7223	0	0.3	0	-12.5303
NE+3.30	B65	75	Viva	0.6918	0	-14.9511	0	0.3	0	-10.6535
NE+3.30	B65	75	Viva	0.8141	0	-14.0305	0	0.3	0	-8.8802
NE+3.30	B65	75	Viva	0.9364	0	-13.0631	0	0.3	0	-7.225
NE+3.30	B65	75	Viva	1.0586	0	-12.2408	0	0.3	0	-5.6796
NE+3.30	B65	75	Viva	1.1809	0	-11.568	0	0.3	0	-4.2255
NE+3.30	B65	75	Viva	1.3032	0	-11.0447	0	0.3	0	-2.8446
NE+3.30	B65	75	Viva	1.4255	0	-10.671	0	0.3	0	-1.5185
NE+3.30	B65	75	Viva	1.5477	0	-10.4467	0	0.3	0	-0.229
NE+3.30	B65	75	Viva	1.67	0	-10.3719	0	0.3	0	1.0423
NE+3.30	B65	75	Psup	0.325	0	-23.1094	0	0.3788	0	-23.1532
NE+3.30	B65	75	Psup	0.4473	0	-22.4771	0	0.3788	0	-20.3642
NE+3.30	B65	75	Psup	0.5695	0	-21.6446	0	0.3788	0	-17.6647
NE+3.30	B65	75	Psup	0.6918	0	-20.6119	0	0.3788	0	-15.0793
NE+3.30	B65	75	Psup	0.8141	0	-19.379	0	0.3788	0	-12.6323
NE+3.30	B65	75	Psup	0.9364	0	-18.0834	0	0.3788	0	-10.3437
NE+3.30	B65	75	Psup	1.0586	0	-16.9822	0	0.3788	0	-8.202
NE+3.30	B65	75	Psup	1.1809	0	-16.0812	0	0.3788	0	-6.1826
NE+3.30	B65	75	Psup	1.3032	0	-15.3804	0	0.3788	0	-4.2612
NE+3.30	B65	75	Psup	1.4255	0	-14.8799	0	0.3788	0	-2.4133
NE+3.30	B65	75	Psup	1.5477	0	-14.5796	0	0.3788	0	-0.6143
NE+3.30	B65	75	Psup	1.67	0	-14.4795	0	0.3788	0	1.1603
NE+3.30	B65	75	Viva.cub	0.325	0	0.107	0	0.0002	0	0.1516
NE+3.30	B65	75	Viva.cub	0.4473	0	0.107	0	0.0002	0	0.1385
NE+3.30	B65	75	Viva.cub	0.5695	0	0.107	0	0.0002	0	0.1254
NE+3.30	B65	75	Viva.cub	0.6918	0	0.107	0	0.0002	0	0.1123
NE+3.30	B65	75	Viva.cub	0.8141	0	0.107	0	0.0002	0	0.0992
NE+3.30	B65	75	Viva.cub	0.9364	0	0.107	0	0.0002	0	0.0861
NE+3.30	B65	75	Viva.cub	1.0586	0	0.107	0	0.0002	0	0.073
NE+3.30	B65	75	Viva.cub	1.1809	0	0.107	0	0.0002	0	0.0599

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B65	75	Viva.cub	1.3032	0	0.107	0	0.0002	0	0.0468
NE+3.30	B65	75	Viva.cub	1.4255	0	0.107	0	0.0002	0	0.0338
NE+3.30	B65	75	Viva.cub	1.5477	0	0.107	0	0.0002	0	0.0207
NE+3.30	B65	75	Viva.cub	1.67	0	0.107	0	0.0002	0	0.0076
NE+3.30	B65	75	DISX-COMB Max	0.325	0	10.4875	0	25.9134	0	15.5302
NE+3.30	B65	75	DISX-COMB Max	0.4473	0	10.4875	0	25.9134	0	14.2486
NE+3.30	B65	75	DISX-COMB Max	0.5695	0	10.4875	0	25.9134	0	12.9672
NE+3.30	B65	75	DISX-COMB Max	0.6918	0	10.4875	0	25.9134	0	11.686
NE+3.30	B65	75	DISX-COMB Max	0.8141	0	10.4875	0	25.9134	0	10.4051
NE+3.30	B65	75	DISX-COMB Max	0.9364	0	10.4875	0	25.9134	0	9.1245
NE+3.30	B65	75	DISX-COMB Max	1.0586	0	10.4875	0	25.9134	0	7.8446
NE+3.30	B65	75	DISX-COMB Max	1.1809	0	10.4875	0	25.9134	0	6.5656
NE+3.30	B65	75	DISX-COMB Max	1.3032	0	10.4875	0	25.9134	0	5.2882
NE+3.30	B65	75	DISX-COMB Max	1.4255	0	10.4875	0	25.9134	0	4.0139
NE+3.30	B65	75	DISX-COMB Max	1.5477	0	10.4875	0	25.9134	0	2.7472
NE+3.30	B65	75	DISX-COMB Max	1.67	0	10.4875	0	25.9134	0	1.5071
NE+3.30	B65	75	DISY-COMB Max	0.325	0	27.1607	0	2.5962	0	38.6379
NE+3.30	B65	75	DISY-COMB Max	0.4473	0	27.1607	0	2.5962	0	35.3169
NE+3.30	B65	75	DISY-COMB Max	0.5695	0	27.1607	0	2.5962	0	31.9959
NE+3.30	B65	75	DISY-COMB Max	0.6918	0	27.1607	0	2.5962	0	28.6749
NE+3.30	B65	75	DISY-COMB Max	0.8141	0	27.1607	0	2.5962	0	25.3539
NE+3.30	B65	75	DISY-COMB Max	0.9364	0	27.1607	0	2.5962	0	22.0329
NE+3.30	B65	75	DISY-COMB Max	1.0586	0	27.1607	0	2.5962	0	18.7119
NE+3.30	B65	75	DISY-COMB Max	1.1809	0	27.1607	0	2.5962	0	15.3909
NE+3.30	B65	75	DISY-COMB Max	1.3032	0	27.1607	0	2.5962	0	12.0699
NE+3.30	B65	75	DISY-COMB Max	1.4255	0	27.1607	0	2.5962	0	8.7489
NE+3.30	B65	75	DISY-COMB Max	1.5477	0	27.1607	0	2.5962	0	5.4279
NE+3.30	B65	75	DISY-COMB Max	1.67	0	27.1607	0	2.5962	0	2.1071
NE+3.30	B65	75	B241	0.325	0	-48.512	0	0.4801	0	-50.185
NE+3.30	B65	75	B241	0.4473	0	-47.1377	0	0.4801	0	-44.3347
NE+3.30	B65	75	B241	0.5695	0	-45.5039	0	0.4801	0	-38.6683
NE+3.30	B65	75	B241	0.6918	0	-43.6106	0	0.4801	0	-33.2175
NE+3.30	B65	75	B241	0.8141	0	-41.4577	0	0.4801	0	-28.0141
NE+3.30	B65	75	B241	0.9364	0	-39.2236	0	0.4801	0	-23.0838
NE+3.30	B65	75	B241	1.0586	0	-37.2415	0	0.4801	0	-18.4116
NE+3.30	B65	75	B241	1.1809	0	-35.5189	0	0.4801	0	-13.9659
NE+3.30	B65	75	B241	1.3032	0	-34.0559	0	0.4801	0	-9.715
NE+3.30	B65	75	B241	1.4255	0	-32.8524	0	0.4801	0	-5.6272
NE+3.30	B65	75	B241	1.5477	0	-31.9085	0	0.4801	0	-1.6706
NE+3.30	B65	75	B241	1.67	0	-31.2241	0	0.4801	0	2.1865
NE+3.30	B65	75	B242	0.325	0	-68.4339	0	0.8915	0	-69.3736
NE+3.30	B65	75	B242	0.4473	0	-66.5005	0	0.8915	0	-61.1195
NE+3.30	B65	75	B242	0.5695	0	-64.1055	0	0.8915	0	-53.13
NE+3.30	B65	75	B242	0.6918	0	-61.2488	0	0.8915	0	-45.4616
NE+3.30	B65	75	B242	0.8141	0	-57.9304	0	0.8915	0	-38.1707

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B65	75	B242	0.9364	0	-54.4676	0	0.8915	0	-31.3031
NE+3.30	B65	75	B242	1.0586	0	-51.453	0	0.8915	0	-24.8322
NE+3.30	B65	75	B242	1.1809	0	-48.9001	0	0.8915	0	-18.7017
NE+3.30	B65	75	B242	1.3032	0	-46.8088	0	0.8915	0	-12.8551
NE+3.30	B65	75	B242	1.4255	0	-45.1792	0	0.8915	0	-7.236
NE+3.30	B65	75	B242	1.5477	0	-44.0113	0	0.8915	0	-1.7879
NE+3.30	B65	75	B242	1.67	0	-43.3051	0	0.8915	0	3.5456
NE+3.30	B66	76	Pprop	0.325	0	-10.0902	0	-2.1941	0	-10.6203
NE+3.30	B66	76	Pprop	0.4473	0	-9.6623	0	-2.1941	0	-9.4127
NE+3.30	B66	76	Pprop	0.5695	0	-9.2345	0	-2.1941	0	-8.2574
NE+3.30	B66	76	Pprop	0.6918	0	-8.8066	0	-2.1941	0	-7.1544
NE+3.30	B66	76	Pprop	0.8141	0	-8.3788	0	-2.1941	0	-6.1038
NE+3.30	B66	76	Pprop	0.9364	0	-7.9509	0	-2.1941	0	-5.1055
NE+3.30	B66	76	Pprop	1.0586	0	-7.5231	0	-2.1941	0	-4.1594
NE+3.30	B66	76	Pprop	1.1809	0	-7.0952	0	-2.1941	0	-3.2657
NE+3.30	B66	76	Pprop	1.3032	0	-6.6673	0	-2.1941	0	-2.4243
NE+3.30	B66	76	Pprop	1.4255	0	-6.2395	0	-2.1941	0	-1.6353
NE+3.30	B66	76	Pprop	1.5477	0	-5.8116	0	-2.1941	0	-0.8985
NE+3.30	B66	76	Pprop	1.67	0	-5.3838	0	-2.1941	0	-0.214
NE+3.30	B66	76	Viva	0.325	0	-10.8837	0	-3.2824	0	-12.1764
NE+3.30	B66	76	Viva	0.4473	0	-10.6477	0	-3.2824	0	-10.8593
NE+3.30	B66	76	Viva	0.5695	0	-10.3368	0	-3.2824	0	-9.5756
NE+3.30	B66	76	Viva	0.6918	0	-9.9513	0	-3.2824	0	-8.3345
NE+3.30	B66	76	Viva	0.8141	0	-9.4909	0	-3.2824	0	-7.1451
NE+3.30	B66	76	Viva	0.9364	0	-9.0072	0	-3.2824	0	-6.0148
NE+3.30	B66	76	Viva	1.0586	0	-8.5961	0	-3.2824	0	-4.9394
NE+3.30	B66	76	Viva	1.1809	0	-8.2597	0	-3.2824	0	-3.9096
NE+3.30	B66	76	Viva	1.3032	0	-7.9981	0	-3.2824	0	-2.9165
NE+3.30	B66	76	Viva	1.4255	0	-7.8112	0	-3.2824	0	-1.9507
NE+3.30	B66	76	Viva	1.5477	0	-7.699	0	-3.2824	0	-1.0032
NE+3.30	B66	76	Viva	1.67	0	-7.6617	0	-3.2824	0	-0.0649
NE+3.30	B66	76	Psup	0.325	0	-14.5977	0	-4.6003	0	-16.5364
NE+3.30	B66	76	Psup	0.4473	0	-14.2816	0	-4.6003	0	-14.7698
NE+3.30	B66	76	Psup	0.5695	0	-13.8653	0	-4.6003	0	-13.048
NE+3.30	B66	76	Psup	0.6918	0	-13.349	0	-4.6003	0	-11.3832
NE+3.30	B66	76	Psup	0.8141	0	-12.7325	0	-4.6003	0	-9.7877
NE+3.30	B66	76	Psup	0.9364	0	-12.0847	0	-4.6003	0	-8.2713
NE+3.30	B66	76	Psup	1.0586	0	-11.5341	0	-4.6003	0	-6.8283
NE+3.30	B66	76	Psup	1.1809	0	-11.0836	0	-4.6003	0	-5.4466
NE+3.30	B66	76	Psup	1.3032	0	-10.7332	0	-4.6003	0	-4.1138
NE+3.30	B66	76	Psup	1.4255	0	-10.483	0	-4.6003	0	-2.8178
NE+3.30	B66	76	Psup	1.5477	0	-10.3328	0	-4.6003	0	-1.5462
NE+3.30	B66	76	Psup	1.67	0	-10.2827	0	-4.6003	0	-0.2868
NE+3.30	B66	76	Viva.cub	0.325	0	0.0173	0	0.0263	0	0.0334
NE+3.30	B66	76	Viva.cub	0.4473	0	0.0173	0	0.0263	0	0.0313

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B66	76	Viva.cub	0.5695	0	0.0173	0	0.0263	0	0.0291
NE+3.30	B66	76	Viva.cub	0.6918	0	0.0173	0	0.0263	0	0.027
NE+3.30	B66	76	Viva.cub	0.8141	0	0.0173	0	0.0263	0	0.0249
NE+3.30	B66	76	Viva.cub	0.9364	0	0.0173	0	0.0263	0	0.0228
NE+3.30	B66	76	Viva.cub	1.0586	0	0.0173	0	0.0263	0	0.0207
NE+3.30	B66	76	Viva.cub	1.1809	0	0.0173	0	0.0263	0	0.0185
NE+3.30	B66	76	Viva.cub	1.3032	0	0.0173	0	0.0263	0	0.0164
NE+3.30	B66	76	Viva.cub	1.4255	0	0.0173	0	0.0263	0	0.0143
NE+3.30	B66	76	Viva.cub	1.5477	0	0.0173	0	0.0263	0	0.0122
NE+3.30	B66	76	Viva.cub	1.67	0	0.0173	0	0.0263	0	0.0101
NE+3.30	B66	76	DISX-COMB Max	0.325	0	4.0955	0	24.1603	0	4.754
NE+3.30	B66	76	DISX-COMB Max	0.4473	0	4.0955	0	24.1603	0	4.3272
NE+3.30	B66	76	DISX-COMB Max	0.5695	0	4.0955	0	24.1603	0	3.9178
NE+3.30	B66	76	DISX-COMB Max	0.6918	0	4.0955	0	24.1603	0	3.5321
NE+3.30	B66	76	DISX-COMB Max	0.8141	0	4.0955	0	24.1603	0	3.1787
NE+3.30	B66	76	DISX-COMB Max	0.9364	0	4.0955	0	24.1603	0	2.8695
NE+3.30	B66	76	DISX-COMB Max	1.0586	0	4.0955	0	24.1603	0	2.6201
NE+3.30	B66	76	DISX-COMB Max	1.1809	0	4.0955	0	24.1603	0	2.4491
NE+3.30	B66	76	DISX-COMB Max	1.3032	0	4.0955	0	24.1603	0	2.3732
NE+3.30	B66	76	DISX-COMB Max	1.4255	0	4.0955	0	24.1603	0	2.4017
NE+3.30	B66	76	DISX-COMB Max	1.5477	0	4.0955	0	24.1603	0	2.5309
NE+3.30	B66	76	DISX-COMB Max	1.67	0	4.0955	0	24.1603	0	2.7468
NE+3.30	B66	76	DISY-COMB Max	0.325	0	4.133	0	5.0503	0	8.0256
NE+3.30	B66	76	DISY-COMB Max	0.4473	0	4.133	0	5.0503	0	7.5204
NE+3.30	B66	76	DISY-COMB Max	0.5695	0	4.133	0	5.0503	0	7.0152
NE+3.30	B66	76	DISY-COMB Max	0.6918	0	4.133	0	5.0503	0	6.51
NE+3.30	B66	76	DISY-COMB Max	0.8141	0	4.133	0	5.0503	0	6.0048
NE+3.30	B66	76	DISY-COMB Max	0.9364	0	4.133	0	5.0503	0	5.4996
NE+3.30	B66	76	DISY-COMB Max	1.0586	0	4.133	0	5.0503	0	4.9945
NE+3.30	B66	76	DISY-COMB Max	1.1809	0	4.133	0	5.0503	0	4.4895
NE+3.30	B66	76	DISY-COMB Max	1.3032	0	4.133	0	5.0503	0	3.9845
NE+3.30	B66	76	DISY-COMB Max	1.4255	0	4.133	0	5.0503	0	3.4797
NE+3.30	B66	76	DISY-COMB Max	1.5477	0	4.133	0	5.0503	0	2.975
NE+3.30	B66	76	DISY-COMB Max	1.67	0	4.133	0	5.0503	0	2.4705
NE+3.30	B66	76	B241	0.325	0	-32.0029	0	-8.8076	0	-35.2032
NE+3.30	B66	76	B241	0.4473	0	-31.0384	0	-8.8076	0	-31.3477
NE+3.30	B66	76	B241	0.5695	0	-29.9442	0	-8.8076	0	-27.6181
NE+3.30	B66	76	B241	0.6918	0	-28.7202	0	-8.8076	0	-24.0303
NE+3.30	B66	76	B241	0.8141	0	-27.3664	0	-8.8076	0	-20.6
NE+3.30	B66	76	B241	0.9364	0	-25.9721	0	-8.8076	0	-17.3402
NE+3.30	B66	76	B241	1.0586	0	-24.7037	0	-8.8076	0	-14.2434
NE+3.30	B66	76	B241	1.1809	0	-23.5651	0	-8.8076	0	-11.2938
NE+3.30	B66	76	B241	1.3032	0	-22.5563	0	-8.8076	0	-8.4754
NE+3.30	B66	76	B241	1.4255	0	-21.6772	0	-8.8076	0	-5.7724
NE+3.30	B66	76	B241	1.5477	0	-20.928	0	-8.8076	0	-3.169

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B66	76	B241	1.67	0	-20.3084	0	-8.8076	0	-0.6493
NE+3.30	B66	76	B242	0.325	0	-44.8363	0	-12.788	0	-49.6396
NE+3.30	B66	76	B242	0.4473	0	-43.632	0	-12.788	0	-44.2287
NE+3.30	B66	76	B242	0.5695	0	-42.1967	0	-12.788	0	-38.979
NE+3.30	B66	76	B242	0.6918	0	-40.5307	0	-12.788	0	-33.919
NE+3.30	B66	76	B242	0.8141	0	-38.6338	0	-12.788	0	-29.0769
NE+3.30	B66	76	B242	0.9364	0	-36.6647	0	-12.788	0	-24.4754
NE+3.30	B66	76	B242	1.0586	0	-34.9197	0	-12.788	0	-20.1013
NE+3.30	B66	76	B242	1.1809	0	-33.4055	0	-12.788	0	-15.9265
NE+3.30	B66	76	B242	1.3032	0	-32.1222	0	-12.788	0	-11.9227
NE+3.30	B66	76	B242	1.4255	0	-31.0697	0	-12.788	0	-8.0618
NE+3.30	B66	76	B242	1.5477	0	-30.2481	0	-12.788	0	-4.3154
NE+3.30	B66	76	B242	1.67	0	-29.6572	0	-12.788	0	-0.6553
NE+3.30	B87	61	Pprop	0	0	-8.6955	0	0.0705	0	-10.9644
NE+3.30	B87	61	Pprop	0.1518	0	-8.3413	0	0.0705	0	-9.6712
NE+3.30	B87	61	Pprop	0.3036	0	-7.9872	0	0.0705	0	-8.4317
NE+3.30	B87	61	Pprop	0.4555	0	-7.633	0	0.0705	0	-7.246
NE+3.30	B87	61	Pprop	0.6073	0	-7.2789	0	0.0705	0	-6.114
NE+3.30	B87	61	Pprop	0.7591	0	-6.9247	0	0.0705	0	-5.0358
NE+3.30	B87	61	Pprop	0.9109	0	-6.5705	0	0.0705	0	-4.0114
NE+3.30	B87	61	Pprop	1.0627	0	-6.2164	0	0.0705	0	-3.0408
NE+3.30	B87	61	Pprop	1.2145	0	-5.8622	0	0.0705	0	-2.1239
NE+3.30	B87	61	Pprop	1.3664	0	-5.508	0	0.0705	0	-1.2608
NE+3.30	B87	61	Pprop	1.5182	0	-5.1539	0	0.0705	0	-0.4515
NE+3.30	B87	61	Pprop	1.67	0	-4.7997	0	0.0705	0	0.3041
NE+3.30	B87	61	Viva	0	0	-13.3413	0	-0.3177	0	-16.4855
NE+3.30	B87	61	Viva	0.1518	0	-13.2261	0	-0.3177	0	-14.4659
NE+3.30	B87	61	Viva	0.3036	0	-12.8803	0	-0.3177	0	-12.4813
NE+3.30	B87	61	Viva	0.4555	0	-12.3041	0	-0.3177	0	-10.5666
NE+3.30	B87	61	Viva	0.6073	0	-11.4974	0	-0.3177	0	-8.757
NE+3.30	B87	61	Viva	0.7591	0	-10.4602	0	-0.3177	0	-7.0873
NE+3.30	B87	61	Viva	0.9109	0	-9.2502	0	-0.3177	0	-5.5911
NE+3.30	B87	61	Viva	1.0627	0	-8.213	0	-0.3177	0	-4.2684
NE+3.30	B87	61	Viva	1.2145	0	-7.4063	0	-0.3177	0	-3.0857
NE+3.30	B87	61	Viva	1.3664	0	-6.83	0	-0.3177	0	-2.0079
NE+3.30	B87	61	Viva	1.5182	0	-6.4843	0	-0.3177	0	-1.0001
NE+3.30	B87	61	Viva	1.67	0	-6.3691	0	-0.3177	0	-0.0274
NE+3.30	B87	61	Psup	0	0	-17.8858	0	-0.1991	0	-21.789
NE+3.30	B87	61	Psup	0.1518	0	-17.7315	0	-0.1991	0	-19.0814
NE+3.30	B87	61	Psup	0.3036	0	-17.2685	0	-0.1991	0	-16.4207
NE+3.30	B87	61	Psup	0.4555	0	-16.4968	0	-0.1991	0	-13.8537
NE+3.30	B87	61	Psup	0.6073	0	-15.4165	0	-0.1991	0	-11.4273
NE+3.30	B87	61	Psup	0.7591	0	-14.0275	0	-0.1991	0	-9.1883
NE+3.30	B87	61	Psup	0.9109	0	-12.407	0	-0.1991	0	-7.1817
NE+3.30	B87	61	Psup	1.0627	0	-11.018	0	-0.1991	0	-5.4074

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B87	61	Psup	1.2145	0	-9.9376	0	-0.1991	0	-3.8206
NE+3.30	B87	61	Psup	1.3664	0	-9.1659	0	-0.1991	0	-2.3744
NE+3.30	B87	61	Psup	1.5182	0	-8.7029	0	-0.1991	0	-1.0219
NE+3.30	B87	61	Psup	1.67	0	-8.5486	0	-0.1991	0	0.2837
NE+3.30	B87	61	Viva.cub	0	0	-0.0364	0	-0.0101	0	-0.0725
NE+3.30	B87	61	Viva.cub	0.1518	0	-0.0364	0	-0.0101	0	-0.067
NE+3.30	B87	61	Viva.cub	0.3036	0	-0.0364	0	-0.0101	0	-0.0614
NE+3.30	B87	61	Viva.cub	0.4555	0	-0.0364	0	-0.0101	0	-0.0559
NE+3.30	B87	61	Viva.cub	0.6073	0	-0.0364	0	-0.0101	0	-0.0504
NE+3.30	B87	61	Viva.cub	0.7591	0	-0.0364	0	-0.0101	0	-0.0449
NE+3.30	B87	61	Viva.cub	0.9109	0	-0.0364	0	-0.0101	0	-0.0393
NE+3.30	B87	61	Viva.cub	1.0627	0	-0.0364	0	-0.0101	0	-0.0338
NE+3.30	B87	61	Viva.cub	1.2145	0	-0.0364	0	-0.0101	0	-0.0283
NE+3.30	B87	61	Viva.cub	1.3664	0	-0.0364	0	-0.0101	0	-0.0228
NE+3.30	B87	61	Viva.cub	1.5182	0	-0.0364	0	-0.0101	0	-0.0172
NE+3.30	B87	61	Viva.cub	1.67	0	-0.0364	0	-0.0101	0	-0.0117
NE+3.30	B87	61	DISX-COMB Max	0	0	4.4236	0	4.9969	0	9.0124
NE+3.30	B87	61	DISX-COMB Max	0.1518	0	4.4236	0	4.9969	0	8.3413
NE+3.30	B87	61	DISX-COMB Max	0.3036	0	4.4236	0	4.9969	0	7.6702
NE+3.30	B87	61	DISX-COMB Max	0.4555	0	4.4236	0	4.9969	0	6.9993
NE+3.30	B87	61	DISX-COMB Max	0.6073	0	4.4236	0	4.9969	0	6.3285
NE+3.30	B87	61	DISX-COMB Max	0.7591	0	4.4236	0	4.9969	0	5.6579
NE+3.30	B87	61	DISX-COMB Max	0.9109	0	4.4236	0	4.9969	0	4.9875
NE+3.30	B87	61	DISX-COMB Max	1.0627	0	4.4236	0	4.9969	0	4.3175
NE+3.30	B87	61	DISX-COMB Max	1.2145	0	4.4236	0	4.9969	0	3.6481
NE+3.30	B87	61	DISX-COMB Max	1.3664	0	4.4236	0	4.9969	0	2.9796
NE+3.30	B87	61	DISX-COMB Max	1.5182	0	4.4236	0	4.9969	0	2.313
NE+3.30	B87	61	DISX-COMB Max	1.67	0	4.4236	0	4.9969	0	1.6504
NE+3.30	B87	61	DISY-COMB Max	0	0	9.6432	0	2.9182	0	19.4841
NE+3.30	B87	61	DISY-COMB Max	0.1518	0	9.6432	0	2.9182	0	18.0201
NE+3.30	B87	61	DISY-COMB Max	0.3036	0	9.6432	0	2.9182	0	16.5561
NE+3.30	B87	61	DISY-COMB Max	0.4555	0	9.6432	0	2.9182	0	15.0921
NE+3.30	B87	61	DISY-COMB Max	0.6073	0	9.6432	0	2.9182	0	13.6282
NE+3.30	B87	61	DISY-COMB Max	0.7591	0	9.6432	0	2.9182	0	12.1642
NE+3.30	B87	61	DISY-COMB Max	0.9109	0	9.6432	0	2.9182	0	10.7002
NE+3.30	B87	61	DISY-COMB Max	1.0627	0	9.6432	0	2.9182	0	9.2363
NE+3.30	B87	61	DISY-COMB Max	1.2145	0	9.6432	0	2.9182	0	7.7724
NE+3.30	B87	61	DISY-COMB Max	1.3664	0	9.6432	0	2.9182	0	6.3085
NE+3.30	B87	61	DISY-COMB Max	1.5182	0	9.6432	0	2.9182	0	4.8448
NE+3.30	B87	61	DISY-COMB Max	1.67	0	9.6432	0	2.9182	0	3.3812
NE+3.30	B87	61	B241	0	0	-34.4573	0	-0.1667	0	-42.4582
NE+3.30	B87	61	B241	0.1518	0	-33.7981	0	-0.1667	0	-37.2719
NE+3.30	B87	61	B241	0.3036	0	-32.7388	0	-0.1667	0	-32.2161
NE+3.30	B87	61	B241	0.4555	0	-31.2794	0	-0.1667	0	-27.3514
NE+3.30	B87	61	B241	0.6073	0	-29.4199	0	-0.1667	0	-22.7387

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B87	61	B241	0.7591	0	-27.1602	0	-0.1667	0	-18.4387
NE+3.30	B87	61	B241	0.9109	0	-24.6005	0	-0.1667	0	-14.5096
NE+3.30	B87	61	B241	1.0627	0	-22.3408	0	-0.1667	0	-10.9514
NE+3.30	B87	61	B241	1.2145	0	-20.4812	0	-0.1667	0	-7.7059
NE+3.30	B87	61	B241	1.3664	0	-19.0218	0	-0.1667	0	-4.7123
NE+3.30	B87	61	B241	1.5182	0	-17.9625	0	-0.1667	0	-1.9099
NE+3.30	B87	61	B241	1.67	0	-17.3034	0	-0.1667	0	0.762
NE+3.30	B87	61	B242	0	0	-50.8991	0	-0.6562	0	-62.8058
NE+3.30	B87	61	B242	0.1518	0	-50.1497	0	-0.6562	0	-55.1263
NE+3.30	B87	61	B242	0.3036	0	-48.6886	0	-0.6562	0	-47.6145
NE+3.30	B87	61	B242	0.4555	0	-46.5157	0	-0.6562	0	-40.3787
NE+3.30	B87	61	B242	0.6073	0	-43.6311	0	-0.6562	0	-33.5267
NE+3.30	B87	61	B242	0.7591	0	-40.0347	0	-0.6562	0	-27.1667
NE+3.30	B87	61	B242	0.9109	0	-35.9046	0	-0.6562	0	-21.4022
NE+3.30	B87	61	B242	1.0627	0	-32.3082	0	-0.6562	0	-16.2332
NE+3.30	B87	61	B242	1.2145	0	-29.4236	0	-0.6562	0	-11.5562
NE+3.30	B87	61	B242	1.3664	0	-27.2507	0	-0.6562	0	-7.2632
NE+3.30	B87	61	B242	1.5182	0	-25.7896	0	-0.6562	0	-3.2459
NE+3.30	B87	61	B242	1.67	0	-25.0402	0	-0.6562	0	0.6035
NE+3.30	B89	63	Pprop	0	0	-8.212	0	0.0708	0	-10.635
NE+3.30	B89	63	Pprop	0.1518	0	-7.8579	0	0.0708	0	-9.4151
NE+3.30	B89	63	Pprop	0.3036	0	-7.5037	0	0.0708	0	-8.249
NE+3.30	B89	63	Pprop	0.4555	0	-7.1495	0	0.0708	0	-7.1367
NE+3.30	B89	63	Pprop	0.6073	0	-6.7954	0	0.0708	0	-6.0782
NE+3.30	B89	63	Pprop	0.7591	0	-6.4412	0	0.0708	0	-5.0734
NE+3.30	B89	63	Pprop	0.9109	0	-6.0871	0	0.0708	0	-4.1224
NE+3.30	B89	63	Pprop	1.0627	0	-5.7329	0	0.0708	0	-3.2251
NE+3.30	B89	63	Pprop	1.2145	0	-5.3787	0	0.0708	0	-2.3817
NE+3.30	B89	63	Pprop	1.3664	0	-5.0246	0	0.0708	0	-1.592
NE+3.30	B89	63	Pprop	1.5182	0	-4.6704	0	0.0708	0	-0.856
NE+3.30	B89	63	Pprop	1.67	0	-4.3162	0	0.0708	0	-0.1739
NE+3.30	B89	63	Viva	0	0	-12.8565	0	0.4881	0	-16.2258
NE+3.30	B89	63	Viva	0.1518	0	-12.7412	0	0.4881	0	-14.2798
NE+3.30	B89	63	Viva	0.3036	0	-12.3955	0	0.4881	0	-12.3688
NE+3.30	B89	63	Viva	0.4555	0	-11.8193	0	0.4881	0	-10.5278
NE+3.30	B89	63	Viva	0.6073	0	-11.0126	0	0.4881	0	-8.7917
NE+3.30	B89	63	Viva	0.7591	0	-9.9754	0	0.4881	0	-7.1956
NE+3.30	B89	63	Viva	0.9109	0	-8.7653	0	0.4881	0	-5.773
NE+3.30	B89	63	Viva	1.0627	0	-7.7281	0	0.4881	0	-4.524
NE+3.30	B89	63	Viva	1.2145	0	-6.9214	0	0.4881	0	-3.4148
NE+3.30	B89	63	Viva	1.3664	0	-6.3452	0	0.4881	0	-2.4107
NE+3.30	B89	63	Viva	1.5182	0	-5.9995	0	0.4881	0	-1.4765
NE+3.30	B89	63	Viva	1.67	0	-5.8842	0	0.4881	0	-0.5774
NE+3.30	B89	63	Psup	0	0	-16.691	0	0.4449	0	-20.7497
NE+3.30	B89	63	Psup	0.1518	0	-16.5366	0	0.4449	0	-18.2235

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B89	63	Psup	0.3036	0	-16.0736	0	0.4449	0	-15.7442
NE+3.30	B89	63	Psup	0.4555	0	-15.3019	0	0.4449	0	-13.3586
NE+3.30	B89	63	Psup	0.6073	0	-14.2216	0	0.4449	0	-11.1136
NE+3.30	B89	63	Psup	0.7591	0	-12.8326	0	0.4449	0	-9.056
NE+3.30	B89	63	Psup	0.9109	0	-11.2121	0	0.4449	0	-7.2308
NE+3.30	B89	63	Psup	1.0627	0	-9.8231	0	0.4449	0	-5.6379
NE+3.30	B89	63	Psup	1.2145	0	-8.7427	0	0.4449	0	-4.2325
NE+3.30	B89	63	Psup	1.3664	0	-7.9711	0	0.4449	0	-2.9677
NE+3.30	B89	63	Psup	1.5182	0	-7.508	0	0.4449	0	-1.7966
NE+3.30	B89	63	Psup	1.67	0	-7.3537	0	0.4449	0	-0.6724
NE+3.30	B89	63	Viva.cub	0	0	-0.0436	0	0.0095	0	-0.0793
NE+3.30	B89	63	Viva.cub	0.1518	0	-0.0436	0	0.0095	0	-0.0727
NE+3.30	B89	63	Viva.cub	0.3036	0	-0.0436	0	0.0095	0	-0.066
NE+3.30	B89	63	Viva.cub	0.4555	0	-0.0436	0	0.0095	0	-0.0594
NE+3.30	B89	63	Viva.cub	0.6073	0	-0.0436	0	0.0095	0	-0.0528
NE+3.30	B89	63	Viva.cub	0.7591	0	-0.0436	0	0.0095	0	-0.0461
NE+3.30	B89	63	Viva.cub	0.9109	0	-0.0436	0	0.0095	0	-0.0395
NE+3.30	B89	63	Viva.cub	1.0627	0	-0.0436	0	0.0095	0	-0.0329
NE+3.30	B89	63	Viva.cub	1.2145	0	-0.0436	0	0.0095	0	-0.0263
NE+3.30	B89	63	Viva.cub	1.3664	0	-0.0436	0	0.0095	0	-0.0196
NE+3.30	B89	63	Viva.cub	1.5182	0	-0.0436	0	0.0095	0	-0.013
NE+3.30	B89	63	Viva.cub	1.67	0	-0.0436	0	0.0095	0	-0.0064
NE+3.30	B89	63	DISX-COMB Max	0	0	3.446	0	1.0551	0	7.9494
NE+3.30	B89	63	DISX-COMB Max	0.1518	0	3.446	0	1.0551	0	7.4355
NE+3.30	B89	63	DISX-COMB Max	0.3036	0	3.446	0	1.0551	0	6.9229
NE+3.30	B89	63	DISX-COMB Max	0.4555	0	3.446	0	1.0551	0	6.4121
NE+3.30	B89	63	DISX-COMB Max	0.6073	0	3.446	0	1.0551	0	5.9034
NE+3.30	B89	63	DISX-COMB Max	0.7591	0	3.446	0	1.0551	0	5.3975
NE+3.30	B89	63	DISX-COMB Max	0.9109	0	3.446	0	1.0551	0	4.8952
NE+3.30	B89	63	DISX-COMB Max	1.0627	0	3.446	0	1.0551	0	4.3977
NE+3.30	B89	63	DISX-COMB Max	1.2145	0	3.446	0	1.0551	0	3.907
NE+3.30	B89	63	DISX-COMB Max	1.3664	0	3.446	0	1.0551	0	3.426
NE+3.30	B89	63	DISX-COMB Max	1.5182	0	3.446	0	1.0551	0	2.9592
NE+3.30	B89	63	DISX-COMB Max	1.67	0	3.446	0	1.0551	0	2.5147
NE+3.30	B89	63	DISY-COMB Max	0	0	10.6803	0	2.7993	0	19.7715
NE+3.30	B89	63	DISY-COMB Max	0.1518	0	10.6803	0	2.7993	0	18.15
NE+3.30	B89	63	DISY-COMB Max	0.3036	0	10.6803	0	2.7993	0	16.5286
NE+3.30	B89	63	DISY-COMB Max	0.4555	0	10.6803	0	2.7993	0	14.9072
NE+3.30	B89	63	DISY-COMB Max	0.6073	0	10.6803	0	2.7993	0	13.2857
NE+3.30	B89	63	DISY-COMB Max	0.7591	0	10.6803	0	2.7993	0	11.6643
NE+3.30	B89	63	DISY-COMB Max	0.9109	0	10.6803	0	2.7993	0	10.0429
NE+3.30	B89	63	DISY-COMB Max	1.0627	0	10.6803	0	2.7993	0	8.4215
NE+3.30	B89	63	DISY-COMB Max	1.2145	0	10.6803	0	2.7993	0	6.8001
NE+3.30	B89	63	DISY-COMB Max	1.3664	0	10.6803	0	2.7993	0	5.1788
NE+3.30	B89	63	DISY-COMB Max	1.5182	0	10.6803	0	2.7993	0	3.5576

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B89	63	DISY-COMB Max	1.67	0	10.6803	0	2.7993	0	1.9369
NE+3.30	B89	63	B241	0	0	-32.2816	0	0.6685	0	-40.6838
NE+3.30	B89	63	B241	0.1518	0	-31.6225	0	0.6685	0	-35.8278
NE+3.30	B89	63	B241	0.3036	0	-30.5632	0	0.6685	0	-31.1023
NE+3.30	B89	63	B241	0.4555	0	-29.1038	0	0.6685	0	-26.5679
NE+3.30	B89	63	B241	0.6073	0	-27.2442	0	0.6685	0	-22.2856
NE+3.30	B89	63	B241	0.7591	0	-24.9846	0	0.6685	0	-18.3159
NE+3.30	B89	63	B241	0.9109	0	-22.4248	0	0.6685	0	-14.7171
NE+3.30	B89	63	B241	1.0627	0	-20.1651	0	0.6685	0	-11.4892
NE+3.30	B89	63	B241	1.2145	0	-18.3056	0	0.6685	0	-8.5739
NE+3.30	B89	63	B241	1.3664	0	-16.8462	0	0.6685	0	-5.9107
NE+3.30	B89	63	B241	1.5182	0	-15.7869	0	0.6685	0	-3.4386
NE+3.30	B89	63	B241	1.67	0	-15.1277	0	0.6685	0	-1.0969
NE+3.30	B89	63	B242	0	0	-48.2621	0	1.3588	0	-60.8728
NE+3.30	B89	63	B242	0.1518	0	-47.5127	0	1.3588	0	-53.5936
NE+3.30	B89	63	B242	0.3036	0	-46.0516	0	1.3588	0	-46.4822
NE+3.30	B89	63	B242	0.4555	0	-43.8787	0	1.3588	0	-39.6467
NE+3.30	B89	63	B242	0.6073	0	-40.9941	0	1.3588	0	-33.195
NE+3.30	B89	63	B242	0.7591	0	-37.3977	0	1.3588	0	-27.2354
NE+3.30	B89	63	B242	0.9109	0	-33.2676	0	1.3588	0	-21.8712
NE+3.30	B89	63	B242	1.0627	0	-29.6712	0	1.3588	0	-17.1026
NE+3.30	B89	63	B242	1.2145	0	-26.7866	0	1.3588	0	-12.826
NE+3.30	B89	63	B242	1.3664	0	-24.6137	0	1.3588	0	-8.9332
NE+3.30	B89	63	B242	1.5182	0	-23.1526	0	1.3588	0	-5.3163
NE+3.30	B89	63	B242	1.67	0	-22.4032	0	1.3588	0	-1.8672
NE+3.30	B91	65	Pprop	0	0	-8.0756	0	-0.1208	0	-10.4606
NE+3.30	B91	65	Pprop	0.1518	0	-7.7214	0	-0.1208	0	-9.2615
NE+3.30	B91	65	Pprop	0.3036	0	-7.3672	0	-0.1208	0	-8.1161
NE+3.30	B91	65	Pprop	0.4555	0	-7.0131	0	-0.1208	0	-7.0245
NE+3.30	B91	65	Pprop	0.6073	0	-6.6589	0	-0.1208	0	-5.9867
NE+3.30	B91	65	Pprop	0.7591	0	-6.3048	0	-0.1208	0	-5.0027
NE+3.30	B91	65	Pprop	0.9109	0	-5.9506	0	-0.1208	0	-4.0724
NE+3.30	B91	65	Pprop	1.0627	0	-5.5964	0	-0.1208	0	-3.1958
NE+3.30	B91	65	Pprop	1.2145	0	-5.2423	0	-0.1208	0	-2.3731
NE+3.30	B91	65	Pprop	1.3664	0	-4.8881	0	-0.1208	0	-1.6041
NE+3.30	B91	65	Pprop	1.5182	0	-4.534	0	-0.1208	0	-0.8889
NE+3.30	B91	65	Pprop	1.67	0	-4.1798	0	-0.1208	0	-0.2274
NE+3.30	B91	65	Viva	0	0	-12.7728	0	-0.5736	0	-16.1779
NE+3.30	B91	65	Viva	0.1518	0	-12.6576	0	-0.5736	0	-14.2446
NE+3.30	B91	65	Viva	0.3036	0	-12.3118	0	-0.5736	0	-12.3463
NE+3.30	B91	65	Viva	0.4555	0	-11.7356	0	-0.5736	0	-10.5179
NE+3.30	B91	65	Viva	0.6073	0	-10.9289	0	-0.5736	0	-8.7946
NE+3.30	B91	65	Viva	0.7591	0	-9.8917	0	-0.5736	0	-7.2112
NE+3.30	B91	65	Viva	0.9109	0	-8.6817	0	-0.5736	0	-5.8013
NE+3.30	B91	65	Viva	1.0627	0	-7.6445	0	-0.5736	0	-4.5649

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B91	65	Viva	1.2145	0	-6.8378	0	-0.5736	0	-3.4685
NE+3.30	B91	65	Viva	1.3664	0	-6.2615	0	-0.5736	0	-2.477
NE+3.30	B91	65	Viva	1.5182	0	-5.9158	0	-0.5736	0	-1.5556
NE+3.30	B91	65	Viva	1.67	0	-5.8006	0	-0.5736	0	-0.6691
NE+3.30	B91	65	Psup	0	0	-16.5545	0	-0.5855	0	-20.5671
NE+3.30	B91	65	Psup	0.1518	0	-16.4001	0	-0.5855	0	-18.0617
NE+3.30	B91	65	Psup	0.3036	0	-15.9371	0	-0.5855	0	-15.6031
NE+3.30	B91	65	Psup	0.4555	0	-15.1655	0	-0.5855	0	-13.2382
NE+3.30	B91	65	Psup	0.6073	0	-14.0851	0	-0.5855	0	-11.0139
NE+3.30	B91	65	Psup	0.7591	0	-12.6961	0	-0.5855	0	-8.9771
NE+3.30	B91	65	Psup	0.9109	0	-11.0756	0	-0.5855	0	-7.1726
NE+3.30	B91	65	Psup	1.0627	0	-9.6866	0	-0.5855	0	-5.6004
NE+3.30	B91	65	Psup	1.2145	0	-8.6063	0	-0.5855	0	-4.2158
NE+3.30	B91	65	Psup	1.3664	0	-7.8346	0	-0.5855	0	-2.9717
NE+3.30	B91	65	Psup	1.5182	0	-7.3716	0	-0.5855	0	-1.8213
NE+3.30	B91	65	Psup	1.67	0	-7.2172	0	-0.5855	0	-0.7178
NE+3.30	B91	65	Viva.cub	0	0	-0.0424	0	-0.009	0	-0.0762
NE+3.30	B91	65	Viva.cub	0.1518	0	-0.0424	0	-0.009	0	-0.0698
NE+3.30	B91	65	Viva.cub	0.3036	0	-0.0424	0	-0.009	0	-0.0633
NE+3.30	B91	65	Viva.cub	0.4555	0	-0.0424	0	-0.009	0	-0.0569
NE+3.30	B91	65	Viva.cub	0.6073	0	-0.0424	0	-0.009	0	-0.0505
NE+3.30	B91	65	Viva.cub	0.7591	0	-0.0424	0	-0.009	0	-0.044
NE+3.30	B91	65	Viva.cub	0.9109	0	-0.0424	0	-0.009	0	-0.0376
NE+3.30	B91	65	Viva.cub	1.0627	0	-0.0424	0	-0.009	0	-0.0311
NE+3.30	B91	65	Viva.cub	1.2145	0	-0.0424	0	-0.009	0	-0.0247
NE+3.30	B91	65	Viva.cub	1.3664	0	-0.0424	0	-0.009	0	-0.0183
NE+3.30	B91	65	Viva.cub	1.5182	0	-0.0424	0	-0.009	0	-0.0118
NE+3.30	B91	65	Viva.cub	1.67	0	-0.0424	0	-0.009	0	-0.0054
NE+3.30	B91	65	DISX-COMB Max	0	0	4.207	0	3.2556	0	6.3266
NE+3.30	B91	65	DISX-COMB Max	0.1518	0	4.207	0	3.2556	0	5.6926
NE+3.30	B91	65	DISX-COMB Max	0.3036	0	4.207	0	3.2556	0	5.0598
NE+3.30	B91	65	DISX-COMB Max	0.4555	0	4.207	0	3.2556	0	4.4287
NE+3.30	B91	65	DISX-COMB Max	0.6073	0	4.207	0	3.2556	0	3.8001
NE+3.30	B91	65	DISX-COMB Max	0.7591	0	4.207	0	3.2556	0	3.1755
NE+3.30	B91	65	DISX-COMB Max	0.9109	0	4.207	0	3.2556	0	2.558
NE+3.30	B91	65	DISX-COMB Max	1.0627	0	4.207	0	3.2556	0	1.954
NE+3.30	B91	65	DISX-COMB Max	1.2145	0	4.207	0	3.2556	0	1.3817
NE+3.30	B91	65	DISX-COMB Max	1.3664	0	4.207	0	3.2556	0	0.9032
NE+3.30	B91	65	DISX-COMB Max	1.5182	0	4.207	0	3.2556	0	0.7338
NE+3.30	B91	65	DISX-COMB Max	1.67	0	4.207	0	3.2556	0	1.0378
NE+3.30	B91	65	DISY-COMB Max	0	0	10.9785	0	2.6542	0	20.1013
NE+3.30	B91	65	DISY-COMB Max	0.1518	0	10.9785	0	2.6542	0	18.4346
NE+3.30	B91	65	DISY-COMB Max	0.3036	0	10.9785	0	2.6542	0	16.7679
NE+3.30	B91	65	DISY-COMB Max	0.4555	0	10.9785	0	2.6542	0	15.1011
NE+3.30	B91	65	DISY-COMB Max	0.6073	0	10.9785	0	2.6542	0	13.4344

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B91	65	DISY-COMB Max	0.7591	0	10.9785	0	2.6542	0	11.7677
NE+3.30	B91	65	DISY-COMB Max	0.9109	0	10.9785	0	2.6542	0	10.101
NE+3.30	B91	65	DISY-COMB Max	1.0627	0	10.9785	0	2.6542	0	8.4343
NE+3.30	B91	65	DISY-COMB Max	1.2145	0	10.9785	0	2.6542	0	6.7676
NE+3.30	B91	65	DISY-COMB Max	1.3664	0	10.9785	0	2.6542	0	5.1009
NE+3.30	B91	65	DISY-COMB Max	1.5182	0	10.9785	0	2.6542	0	3.4343
NE+3.30	B91	65	DISY-COMB Max	1.67	0	10.9785	0	2.6542	0	1.7679
NE+3.30	B91	65	B241	0	0	-31.9278	0	-0.9156	0	-40.2212
NE+3.30	B91	65	B241	0.1518	0	-31.2687	0	-0.9156	0	-35.419
NE+3.30	B91	65	B241	0.3036	0	-30.2094	0	-0.9156	0	-30.7471
NE+3.30	B91	65	B241	0.4555	0	-28.75	0	-0.9156	0	-26.2665
NE+3.30	B91	65	B241	0.6073	0	-26.8904	0	-0.9156	0	-22.0379
NE+3.30	B91	65	B241	0.7591	0	-24.6308	0	-0.9156	0	-18.1219
NE+3.30	B91	65	B241	0.9109	0	-22.071	0	-0.9156	0	-14.5768
NE+3.30	B91	65	B241	1.0627	0	-19.8113	0	-0.9156	0	-11.4026
NE+3.30	B91	65	B241	1.2145	0	-17.9518	0	-0.9156	0	-8.5411
NE+3.30	B91	65	B241	1.3664	0	-16.4924	0	-0.9156	0	-5.9315
NE+3.30	B91	65	B241	1.5182	0	-15.4331	0	-0.9156	0	-3.5131
NE+3.30	B91	65	B241	1.67	0	-14.7739	0	-0.9156	0	-1.2252
NE+3.30	B91	65	B242	0	0	-47.8244	0	-1.707	0	-60.398
NE+3.30	B91	65	B242	0.1518	0	-47.075	0	-1.707	0	-53.1853
NE+3.30	B91	65	B242	0.3036	0	-45.6139	0	-1.707	0	-46.1404
NE+3.30	B91	65	B242	0.4555	0	-43.441	0	-1.707	0	-39.3713
NE+3.30	B91	65	B242	0.6073	0	-40.5564	0	-1.707	0	-32.9861
NE+3.30	B91	65	B242	0.7591	0	-36.96	0	-1.707	0	-27.0929
NE+3.30	B91	65	B242	0.9109	0	-32.8299	0	-1.707	0	-21.7952
NE+3.30	B91	65	B242	1.0627	0	-29.2335	0	-1.707	0	-17.093
NE+3.30	B91	65	B242	1.2145	0	-26.3489	0	-1.707	0	-12.8828
NE+3.30	B91	65	B242	1.3664	0	-24.176	0	-1.707	0	-9.0565
NE+3.30	B91	65	B242	1.5182	0	-22.7149	0	-1.707	0	-5.5061
NE+3.30	B91	65	B242	1.67	0	-21.9655	0	-1.707	0	-2.1235
NE+3.30	B93	103	Pprop	0	0	-8.1476	0	0.1158	0	-10.5522
NE+3.30	B93	103	Pprop	0.1518	0	-7.7935	0	0.1158	0	-9.3421
NE+3.30	B93	103	Pprop	0.3036	0	-7.4393	0	0.1158	0	-8.1858
NE+3.30	B93	103	Pprop	0.4555	0	-7.0852	0	0.1158	0	-7.0833
NE+3.30	B93	103	Pprop	0.6073	0	-6.731	0	0.1158	0	-6.0345
NE+3.30	B93	103	Pprop	0.7591	0	-6.3768	0	0.1158	0	-5.0395
NE+3.30	B93	103	Pprop	0.9109	0	-6.0227	0	0.1158	0	-4.0983
NE+3.30	B93	103	Pprop	1.0627	0	-5.6685	0	0.1158	0	-3.2108
NE+3.30	B93	103	Pprop	1.2145	0	-5.3143	0	0.1158	0	-2.3771
NE+3.30	B93	103	Pprop	1.3664	0	-4.9602	0	0.1158	0	-1.5972
NE+3.30	B93	103	Pprop	1.5182	0	-4.606	0	0.1158	0	-0.871
NE+3.30	B93	103	Pprop	1.67	0	-4.2519	0	0.1158	0	-0.1986
NE+3.30	B93	103	Viva	0	0	-12.907	0	0.578	0	-16.3495
NE+3.30	B93	103	Viva	0.1518	0	-12.7918	0	0.578	0	-14.3958

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B93	103	Viva	0.3036	0	-12.4461	0	0.578	0	-12.4771
NE+3.30	B93	103	Viva	0.4555	0	-11.8698	0	0.578	0	-10.6284
NE+3.30	B93	103	Viva	0.6073	0	-11.0631	0	0.578	0	-8.8847
NE+3.30	B93	103	Viva	0.7591	0	-10.0259	0	0.578	0	-7.2809
NE+3.30	B93	103	Viva	0.9109	0	-8.8159	0	0.578	0	-5.8506
NE+3.30	B93	103	Viva	1.0627	0	-7.7787	0	0.578	0	-4.5939
NE+3.30	B93	103	Viva	1.2145	0	-6.972	0	0.578	0	-3.4771
NE+3.30	B93	103	Viva	1.3664	0	-6.3958	0	0.578	0	-2.4653
NE+3.30	B93	103	Viva	1.5182	0	-6.05	0	0.578	0	-1.5234
NE+3.30	B93	103	Viva	1.67	0	-5.9348	0	0.578	0	-0.6166
NE+3.30	B93	103	Psup	0	0	-16.8027	0	0.5603	0	-20.8989
NE+3.30	B93	103	Psup	0.1518	0	-16.6484	0	0.5603	0	-18.3557
NE+3.30	B93	103	Psup	0.3036	0	-16.1854	0	0.5603	0	-15.8595
NE+3.30	B93	103	Psup	0.4555	0	-15.4137	0	0.5603	0	-13.4569
NE+3.30	B93	103	Psup	0.6073	0	-14.3334	0	0.5603	0	-11.1949
NE+3.30	B93	103	Psup	0.7591	0	-12.9444	0	0.5603	0	-9.1204
NE+3.30	B93	103	Psup	0.9109	0	-11.3239	0	0.5603	0	-7.2782
NE+3.30	B93	103	Psup	1.0627	0	-9.9349	0	0.5603	0	-5.6684
NE+3.30	B93	103	Psup	1.2145	0	-8.8545	0	0.5603	0	-4.246
NE+3.30	B93	103	Psup	1.3664	0	-8.0828	0	0.5603	0	-2.9642
NE+3.30	B93	103	Psup	1.5182	0	-7.6198	0	0.5603	0	-1.7761
NE+3.30	B93	103	Psup	1.67	0	-7.4655	0	0.5603	0	-0.6349
NE+3.30	B93	103	Viva.cub	0	0	-0.0417	0	0.0091	0	-0.0755
NE+3.30	B93	103	Viva.cub	0.1518	0	-0.0417	0	0.0091	0	-0.0691
NE+3.30	B93	103	Viva.cub	0.3036	0	-0.0417	0	0.0091	0	-0.0628
NE+3.30	B93	103	Viva.cub	0.4555	0	-0.0417	0	0.0091	0	-0.0565
NE+3.30	B93	103	Viva.cub	0.6073	0	-0.0417	0	0.0091	0	-0.0502
NE+3.30	B93	103	Viva.cub	0.7591	0	-0.0417	0	0.0091	0	-0.0438
NE+3.30	B93	103	Viva.cub	0.9109	0	-0.0417	0	0.0091	0	-0.0375
NE+3.30	B93	103	Viva.cub	1.0627	0	-0.0417	0	0.0091	0	-0.0312
NE+3.30	B93	103	Viva.cub	1.2145	0	-0.0417	0	0.0091	0	-0.0248
NE+3.30	B93	103	Viva.cub	1.3664	0	-0.0417	0	0.0091	0	-0.0185
NE+3.30	B93	103	Viva.cub	1.5182	0	-0.0417	0	0.0091	0	-0.0122
NE+3.30	B93	103	Viva.cub	1.67	0	-0.0417	0	0.0091	0	-0.0059
NE+3.30	B93	103	DISX-COMB Max	0	0	1.9146	0	2.1132	0	4.7502
NE+3.30	B93	103	DISX-COMB Max	0.1518	0	1.9146	0	2.1132	0	4.4632
NE+3.30	B93	103	DISX-COMB Max	0.3036	0	1.9146	0	2.1132	0	4.1767
NE+3.30	B93	103	DISX-COMB Max	0.4555	0	1.9146	0	2.1132	0	3.8908
NE+3.30	B93	103	DISX-COMB Max	0.6073	0	1.9146	0	2.1132	0	3.6057
NE+3.30	B93	103	DISX-COMB Max	0.7591	0	1.9146	0	2.1132	0	3.3215
NE+3.30	B93	103	DISX-COMB Max	0.9109	0	1.9146	0	2.1132	0	3.0386
NE+3.30	B93	103	DISX-COMB Max	1.0627	0	1.9146	0	2.1132	0	2.7573
NE+3.30	B93	103	DISX-COMB Max	1.2145	0	1.9146	0	2.1132	0	2.4781
NE+3.30	B93	103	DISX-COMB Max	1.3664	0	1.9146	0	2.1132	0	2.202
NE+3.30	B93	103	DISX-COMB Max	1.5182	0	1.9146	0	2.1132	0	1.9301

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B93	103	DISX-COMB Max	1.67	0	1.9146	0	2.1132	0	1.6646
NE+3.30	B93	103	DISY-COMB Max	0	0	10.9901	0	2.5679	0	19.9985
NE+3.30	B93	103	DISY-COMB Max	0.1518	0	10.9901	0	2.5679	0	18.33
NE+3.30	B93	103	DISY-COMB Max	0.3036	0	10.9901	0	2.5679	0	16.6615
NE+3.30	B93	103	DISY-COMB Max	0.4555	0	10.9901	0	2.5679	0	14.993
NE+3.30	B93	103	DISY-COMB Max	0.6073	0	10.9901	0	2.5679	0	13.3245
NE+3.30	B93	103	DISY-COMB Max	0.7591	0	10.9901	0	2.5679	0	11.656
NE+3.30	B93	103	DISY-COMB Max	0.9109	0	10.9901	0	2.5679	0	9.9876
NE+3.30	B93	103	DISY-COMB Max	1.0627	0	10.9901	0	2.5679	0	8.3191
NE+3.30	B93	103	DISY-COMB Max	1.2145	0	10.9901	0	2.5679	0	6.6506
NE+3.30	B93	103	DISY-COMB Max	1.3664	0	10.9901	0	2.5679	0	4.9822
NE+3.30	B93	103	DISY-COMB Max	1.5182	0	10.9901	0	2.5679	0	3.3138
NE+3.30	B93	103	DISY-COMB Max	1.67	0	10.9901	0	2.5679	0	1.6457
NE+3.30	B93	103	B241	0	0	-32.3431	0	0.8765	0	-40.77
NE+3.30	B93	103	B241	0.1518	0	-31.6839	0	0.8765	0	-35.9047
NE+3.30	B93	103	B241	0.3036	0	-30.6246	0	0.8765	0	-31.1698
NE+3.30	B93	103	B241	0.4555	0	-29.1652	0	0.8765	0	-26.6262
NE+3.30	B93	103	B241	0.6073	0	-27.3057	0	0.8765	0	-22.3344
NE+3.30	B93	103	B241	0.7591	0	-25.046	0	0.8765	0	-18.3554
NE+3.30	B93	103	B241	0.9109	0	-22.4862	0	0.8765	0	-14.7473
NE+3.30	B93	103	B241	1.0627	0	-20.2266	0	0.8765	0	-11.51
NE+3.30	B93	103	B241	1.2145	0	-18.367	0	0.8765	0	-8.5855
NE+3.30	B93	103	B241	1.3664	0	-16.9076	0	0.8765	0	-5.9129
NE+3.30	B93	103	B241	1.5182	0	-15.8483	0	0.8765	0	-3.4315
NE+3.30	B93	103	B241	1.67	0	-15.1892	0	0.8765	0	-1.0805
NE+3.30	B93	103	B242	0	0	-48.3947	0	1.6806	0	-61.1426
NE+3.30	B93	103	B242	0.1518	0	-47.6453	0	1.6806	0	-53.8433
NE+3.30	B93	103	B242	0.3036	0	-46.1842	0	1.6806	0	-46.7118
NE+3.30	B93	103	B242	0.4555	0	-44.0113	0	1.6806	0	-39.8561
NE+3.30	B93	103	B242	0.6073	0	-41.1267	0	1.6806	0	-33.3843
NE+3.30	B93	103	B242	0.7591	0	-37.5303	0	1.6806	0	-27.4045
NE+3.30	B93	103	B242	0.9109	0	-33.4002	0	1.6806	0	-22.0203
NE+3.30	B93	103	B242	1.0627	0	-29.8038	0	1.6806	0	-17.2315
NE+3.30	B93	103	B242	1.2145	0	-26.9192	0	1.6806	0	-12.9347
NE+3.30	B93	103	B242	1.3664	0	-24.7463	0	1.6806	0	-9.0219
NE+3.30	B93	103	B242	1.5182	0	-23.2852	0	1.6806	0	-5.3848
NE+3.30	B93	103	B242	1.67	0	-22.5358	0	1.6806	0	-1.9156
NE+3.30	B95	105	Pprop	0	0	-7.902	0	-0.1143	0	-10.176
NE+3.30	B95	105	Pprop	0.1518	0	-7.5478	0	-0.1143	0	-9.0032
NE+3.30	B95	105	Pprop	0.3036	0	-7.1937	0	-0.1143	0	-7.8842
NE+3.30	B95	105	Pprop	0.4555	0	-6.8395	0	-0.1143	0	-6.819
NE+3.30	B95	105	Pprop	0.6073	0	-6.4854	0	-0.1143	0	-5.8075
NE+3.30	B95	105	Pprop	0.7591	0	-6.1312	0	-0.1143	0	-4.8498
NE+3.30	B95	105	Pprop	0.9109	0	-5.777	0	-0.1143	0	-3.9458
NE+3.30	B95	105	Pprop	1.0627	0	-5.4229	0	-0.1143	0	-3.0956

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B95	105	Pprop	1.2145	0	-5.0687	0	-0.1143	0	-2.2992
NE+3.30	B95	105	Pprop	1.3664	0	-4.7146	0	-0.1143	0	-1.5566
NE+3.30	B95	105	Pprop	1.5182	0	-4.3604	0	-0.1143	0	-0.8677
NE+3.30	B95	105	Pprop	1.67	0	-4.0062	0	-0.1143	0	-0.2326
NE+3.30	B95	105	Viva	0	0	-12.4846	0	-0.5375	0	-15.6706
NE+3.30	B95	105	Viva	0.1518	0	-12.3694	0	-0.5375	0	-13.7811
NE+3.30	B95	105	Viva	0.3036	0	-12.0236	0	-0.5375	0	-11.9265
NE+3.30	B95	105	Viva	0.4555	0	-11.4474	0	-0.5375	0	-10.1419
NE+3.30	B95	105	Viva	0.6073	0	-10.6407	0	-0.5375	0	-8.4623
NE+3.30	B95	105	Viva	0.7591	0	-9.6035	0	-0.5375	0	-6.9227
NE+3.30	B95	105	Viva	0.9109	0	-8.3935	0	-0.5375	0	-5.5565
NE+3.30	B95	105	Viva	1.0627	0	-7.3563	0	-0.5375	0	-4.3639
NE+3.30	B95	105	Viva	1.2145	0	-6.5496	0	-0.5375	0	-3.3112
NE+3.30	B95	105	Viva	1.3664	0	-5.9734	0	-0.5375	0	-2.3635
NE+3.30	B95	105	Viva	1.5182	0	-5.6276	0	-0.5375	0	-1.4858
NE+3.30	B95	105	Viva	1.67	0	-5.5124	0	-0.5375	0	-0.6431
NE+3.30	B95	105	Psup	0	0	-16.2648	0	-0.5403	0	-20.0711
NE+3.30	B95	105	Psup	0.1518	0	-16.1105	0	-0.5403	0	-17.6096
NE+3.30	B95	105	Psup	0.3036	0	-15.6475	0	-0.5403	0	-15.195
NE+3.30	B95	105	Psup	0.4555	0	-14.8758	0	-0.5403	0	-12.8741
NE+3.30	B95	105	Psup	0.6073	0	-13.7954	0	-0.5403	0	-10.6938
NE+3.30	B95	105	Psup	0.7591	0	-12.4064	0	-0.5403	0	-8.7009
NE+3.30	B95	105	Psup	0.9109	0	-10.7859	0	-0.5403	0	-6.9404
NE+3.30	B95	105	Psup	1.0627	0	-9.3969	0	-0.5403	0	-5.4123
NE+3.30	B95	105	Psup	1.2145	0	-8.3166	0	-0.5403	0	-4.0715
NE+3.30	B95	105	Psup	1.3664	0	-7.5449	0	-0.5403	0	-2.8714
NE+3.30	B95	105	Psup	1.5182	0	-7.0819	0	-0.5403	0	-1.765
NE+3.30	B95	105	Psup	1.67	0	-6.9276	0	-0.5403	0	-0.7055
NE+3.30	B95	105	Viva.cub	0	0	-0.0427	0	-0.0092	0	-0.0767
NE+3.30	B95	105	Viva.cub	0.1518	0	-0.0427	0	-0.0092	0	-0.0702
NE+3.30	B95	105	Viva.cub	0.3036	0	-0.0427	0	-0.0092	0	-0.0638
NE+3.30	B95	105	Viva.cub	0.4555	0	-0.0427	0	-0.0092	0	-0.0573
NE+3.30	B95	105	Viva.cub	0.6073	0	-0.0427	0	-0.0092	0	-0.0508
NE+3.30	B95	105	Viva.cub	0.7591	0	-0.0427	0	-0.0092	0	-0.0443
NE+3.30	B95	105	Viva.cub	0.9109	0	-0.0427	0	-0.0092	0	-0.0378
NE+3.30	B95	105	Viva.cub	1.0627	0	-0.0427	0	-0.0092	0	-0.0313
NE+3.30	B95	105	Viva.cub	1.2145	0	-0.0427	0	-0.0092	0	-0.0249
NE+3.30	B95	105	Viva.cub	1.3664	0	-0.0427	0	-0.0092	0	-0.0184
NE+3.30	B95	105	Viva.cub	1.5182	0	-0.0427	0	-0.0092	0	-0.0119
NE+3.30	B95	105	Viva.cub	1.67	0	-0.0427	0	-0.0092	0	-0.0054
NE+3.30	B95	105	DISX-COMB Max	0	0	1.5703	0	2.6952	0	1.5821
NE+3.30	B95	105	DISX-COMB Max	0.1518	0	1.5703	0	2.6952	0	1.3679
NE+3.30	B95	105	DISX-COMB Max	0.3036	0	1.5703	0	2.6952	0	1.1632
NE+3.30	B95	105	DISX-COMB Max	0.4555	0	1.5703	0	2.6952	0	0.9739
NE+3.30	B95	105	DISX-COMB Max	0.6073	0	1.5703	0	2.6952	0	0.811

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B95	105	DISX-COMB Max	0.7591	0	1.5703	0	2.6952	0	0.6932
NE+3.30	B95	105	DISX-COMB Max	0.9109	0	1.5703	0	2.6952	0	0.6458
NE+3.30	B95	105	DISX-COMB Max	1.0627	0	1.5703	0	2.6952	0	0.6835
NE+3.30	B95	105	DISX-COMB Max	1.2145	0	1.5703	0	2.6952	0	0.7944
NE+3.30	B95	105	DISX-COMB Max	1.3664	0	1.5703	0	2.6952	0	0.9532
NE+3.30	B95	105	DISX-COMB Max	1.5182	0	1.5703	0	2.6952	0	1.1401
NE+3.30	B95	105	DISX-COMB Max	1.67	0	1.5703	0	2.6952	0	1.3434
NE+3.30	B95	105	DISY-COMB Max	0	0	11.2867	0	2.5333	0	20.4554
NE+3.30	B95	105	DISY-COMB Max	0.1518	0	11.2867	0	2.5333	0	18.7419
NE+3.30	B95	105	DISY-COMB Max	0.3036	0	11.2867	0	2.5333	0	17.0284
NE+3.30	B95	105	DISY-COMB Max	0.4555	0	11.2867	0	2.5333	0	15.3148
NE+3.30	B95	105	DISY-COMB Max	0.6073	0	11.2867	0	2.5333	0	13.6013
NE+3.30	B95	105	DISY-COMB Max	0.7591	0	11.2867	0	2.5333	0	11.8878
NE+3.30	B95	105	DISY-COMB Max	0.9109	0	11.2867	0	2.5333	0	10.1743
NE+3.30	B95	105	DISY-COMB Max	1.0627	0	11.2867	0	2.5333	0	8.4608
NE+3.30	B95	105	DISY-COMB Max	1.2145	0	11.2867	0	2.5333	0	6.7473
NE+3.30	B95	105	DISY-COMB Max	1.3664	0	11.2867	0	2.5333	0	5.0338
NE+3.30	B95	105	DISY-COMB Max	1.5182	0	11.2867	0	2.5333	0	3.3203
NE+3.30	B95	105	DISY-COMB Max	1.67	0	11.2867	0	2.5333	0	1.6071
NE+3.30	B95	105	B241	0	0	-31.3273	0	-0.8486	0	-39.2092
NE+3.30	B95	105	B241	0.1518	0	-30.6682	0	-0.8486	0	-34.4981
NE+3.30	B95	105	B241	0.3036	0	-29.6089	0	-0.8486	0	-29.9175
NE+3.30	B95	105	B241	0.4555	0	-28.1495	0	-0.8486	0	-25.528
NE+3.30	B95	105	B241	0.6073	0	-26.2899	0	-0.8486	0	-21.3905
NE+3.30	B95	105	B241	0.7591	0	-24.0303	0	-0.8486	0	-17.5657
NE+3.30	B95	105	B241	0.9109	0	-21.4705	0	-0.8486	0	-14.1118
NE+3.30	B95	105	B241	1.0627	0	-19.2108	0	-0.8486	0	-11.0288
NE+3.30	B95	105	B241	1.2145	0	-17.3513	0	-0.8486	0	-8.2584
NE+3.30	B95	105	B241	1.3664	0	-15.8919	0	-0.8486	0	-5.74
NE+3.30	B95	105	B241	1.5182	0	-14.8326	0	-0.8486	0	-3.4128
NE+3.30	B95	105	B241	1.67	0	-14.1734	0	-0.8486	0	-1.2161
NE+3.30	B95	105	B242	0	0	-46.8488	0	-1.592	0	-58.7193
NE+3.30	B95	105	B242	0.1518	0	-46.0994	0	-1.592	0	-51.6546
NE+3.30	B95	105	B242	0.3036	0	-44.6382	0	-1.592	0	-44.7578
NE+3.30	B95	105	B242	0.4555	0	-42.4654	0	-1.592	0	-38.1369
NE+3.30	B95	105	B242	0.6073	0	-39.5807	0	-1.592	0	-31.8998
NE+3.30	B95	105	B242	0.7591	0	-35.9844	0	-1.592	0	-26.1547
NE+3.30	B95	105	B242	0.9109	0	-31.8542	0	-1.592	0	-21.0052
NE+3.30	B95	105	B242	1.0627	0	-28.2578	0	-1.592	0	-16.4511
NE+3.30	B95	105	B242	1.2145	0	-25.3732	0	-1.592	0	-12.3891
NE+3.30	B95	105	B242	1.3664	0	-23.2003	0	-1.592	0	-8.7109
NE+3.30	B95	105	B242	1.5182	0	-21.7392	0	-1.592	0	-5.3086
NE+3.30	B95	105	B242	1.67	0	-20.9898	0	-1.592	0	-2.0741
NE+3.30	B97	107	Pprop	0	0	-7.9919	0	0.1082	0	-10.264
NE+3.30	B97	107	Pprop	0.1518	0	-7.6378	0	0.1082	0	-9.0775

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B97	107	Pprop	0.3036	0	-7.2836	0	0.1082	0	-7.9449
NE+3.30	B97	107	Pprop	0.4555	0	-6.9294	0	0.1082	0	-6.866
NE+3.30	B97	107	Pprop	0.6073	0	-6.5753	0	0.1082	0	-5.8408
NE+3.30	B97	107	Pprop	0.7591	0	-6.2211	0	0.1082	0	-4.8695
NE+3.30	B97	107	Pprop	0.9109	0	-5.867	0	0.1082	0	-3.9519
NE+3.30	B97	107	Pprop	1.0627	0	-5.5128	0	0.1082	0	-3.0881
NE+3.30	B97	107	Pprop	1.2145	0	-5.1586	0	0.1082	0	-2.278
NE+3.30	B97	107	Pprop	1.3664	0	-4.8045	0	0.1082	0	-1.5217
NE+3.30	B97	107	Pprop	1.5182	0	-4.4503	0	0.1082	0	-0.8192
NE+3.30	B97	107	Pprop	1.67	0	-4.0962	0	0.1082	0	-0.1704
NE+3.30	B97	107	Viva	0	0	-12.6605	0	0.5427	0	-15.8683
NE+3.30	B97	107	Viva	0.1518	0	-12.5453	0	0.5427	0	-13.952
NE+3.30	B97	107	Viva	0.3036	0	-12.1996	0	0.5427	0	-12.0707
NE+3.30	B97	107	Viva	0.4555	0	-11.6233	0	0.5427	0	-10.2595
NE+3.30	B97	107	Viva	0.6073	0	-10.8166	0	0.5427	0	-8.5531
NE+3.30	B97	107	Viva	0.7591	0	-9.7794	0	0.5427	0	-6.9868
NE+3.30	B97	107	Viva	0.9109	0	-8.5694	0	0.5427	0	-5.594
NE+3.30	B97	107	Viva	1.0627	0	-7.5322	0	0.5427	0	-4.3746
NE+3.30	B97	107	Viva	1.2145	0	-6.7255	0	0.5427	0	-3.2952
NE+3.30	B97	107	Viva	1.3664	0	-6.1493	0	0.5427	0	-2.3208
NE+3.30	B97	107	Viva	1.5182	0	-5.8035	0	0.5427	0	-1.4164
NE+3.30	B97	107	Viva	1.67	0	-5.6883	0	0.5427	0	-0.547
NE+3.30	B97	107	Psup	0	0	-16.4802	0	0.5143	0	-20.2732
NE+3.30	B97	107	Psup	0.1518	0	-16.3259	0	0.5143	0	-17.779
NE+3.30	B97	107	Psup	0.3036	0	-15.8629	0	0.5143	0	-15.3317
NE+3.30	B97	107	Psup	0.4555	0	-15.0912	0	0.5143	0	-12.9781
NE+3.30	B97	107	Psup	0.6073	0	-14.0108	0	0.5143	0	-10.7651
NE+3.30	B97	107	Psup	0.7591	0	-12.6218	0	0.5143	0	-8.7396
NE+3.30	B97	107	Psup	0.9109	0	-11.0013	0	0.5143	0	-6.9463
NE+3.30	B97	107	Psup	1.0627	0	-9.6123	0	0.5143	0	-5.3855
NE+3.30	B97	107	Psup	1.2145	0	-8.532	0	0.5143	0	-4.0121
NE+3.30	B97	107	Psup	1.3664	0	-7.7603	0	0.5143	0	-2.7792
NE+3.30	B97	107	Psup	1.5182	0	-7.2973	0	0.5143	0	-1.6401
NE+3.30	B97	107	Psup	1.67	0	-7.143	0	0.5143	0	-0.5479
NE+3.30	B97	107	Viva.cub	0	0	-0.0427	0	0.0086	0	-0.0764
NE+3.30	B97	107	Viva.cub	0.1518	0	-0.0427	0	0.0086	0	-0.0699
NE+3.30	B97	107	Viva.cub	0.3036	0	-0.0427	0	0.0086	0	-0.0634
NE+3.30	B97	107	Viva.cub	0.4555	0	-0.0427	0	0.0086	0	-0.057
NE+3.30	B97	107	Viva.cub	0.6073	0	-0.0427	0	0.0086	0	-0.0505
NE+3.30	B97	107	Viva.cub	0.7591	0	-0.0427	0	0.0086	0	-0.044
NE+3.30	B97	107	Viva.cub	0.9109	0	-0.0427	0	0.0086	0	-0.0375
NE+3.30	B97	107	Viva.cub	1.0627	0	-0.0427	0	0.0086	0	-0.0311
NE+3.30	B97	107	Viva.cub	1.2145	0	-0.0427	0	0.0086	0	-0.0246
NE+3.30	B97	107	Viva.cub	1.3664	0	-0.0427	0	0.0086	0	-0.0181
NE+3.30	B97	107	Viva.cub	1.5182	0	-0.0427	0	0.0086	0	-0.0116

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B97	107	Viva.cub	1.67	0	-0.0427	0	0.0086	0	-0.0052
NE+3.30	B97	107	DISX-COMB Max	0	0	1.7896	0	2.5947	0	1.8754
NE+3.30	B97	107	DISX-COMB Max	0.1518	0	1.7896	0	2.5947	0	1.6272
NE+3.30	B97	107	DISX-COMB Max	0.3036	0	1.7896	0	2.5947	0	1.3878
NE+3.30	B97	107	DISX-COMB Max	0.4555	0	1.7896	0	2.5947	0	1.1627
NE+3.30	B97	107	DISX-COMB Max	0.6073	0	1.7896	0	2.5947	0	0.9619
NE+3.30	B97	107	DISX-COMB Max	0.7591	0	1.7896	0	2.5947	0	0.804
NE+3.30	B97	107	DISX-COMB Max	0.9109	0	1.7896	0	2.5947	0	0.7178
NE+3.30	B97	107	DISX-COMB Max	1.0627	0	1.7896	0	2.5947	0	0.7292
NE+3.30	B97	107	DISX-COMB Max	1.2145	0	1.7896	0	2.5947	0	0.8341
NE+3.30	B97	107	DISX-COMB Max	1.3664	0	1.7896	0	2.5947	0	1.0037
NE+3.30	B97	107	DISX-COMB Max	1.5182	0	1.7896	0	2.5947	0	1.2111
NE+3.30	B97	107	DISX-COMB Max	1.67	0	1.7896	0	2.5947	0	1.4401
NE+3.30	B97	107	DISY-COMB Max	0	0	10.8566	0	2.4215	0	19.6123
NE+3.30	B97	107	DISY-COMB Max	0.1518	0	10.8566	0	2.4215	0	17.9641
NE+3.30	B97	107	DISY-COMB Max	0.3036	0	10.8566	0	2.4215	0	16.3159
NE+3.30	B97	107	DISY-COMB Max	0.4555	0	10.8566	0	2.4215	0	14.6676
NE+3.30	B97	107	DISY-COMB Max	0.6073	0	10.8566	0	2.4215	0	13.0194
NE+3.30	B97	107	DISY-COMB Max	0.7591	0	10.8566	0	2.4215	0	11.3712
NE+3.30	B97	107	DISY-COMB Max	0.9109	0	10.8566	0	2.4215	0	9.723
NE+3.30	B97	107	DISY-COMB Max	1.0627	0	10.8566	0	2.4215	0	8.0748
NE+3.30	B97	107	DISY-COMB Max	1.2145	0	10.8566	0	2.4215	0	6.4266
NE+3.30	B97	107	DISY-COMB Max	1.3664	0	10.8566	0	2.4215	0	4.7784
NE+3.30	B97	107	DISY-COMB Max	1.5182	0	10.8566	0	2.4215	0	3.1303
NE+3.30	B97	107	DISY-COMB Max	1.67	0	10.8566	0	2.4215	0	1.4824
NE+3.30	B97	107	B241	0	0	-31.7231	0	0.807	0	-39.5853
NE+3.30	B97	107	B241	0.1518	0	-31.064	0	0.807	0	-34.8141
NE+3.30	B97	107	B241	0.3036	0	-30.0047	0	0.807	0	-30.1734
NE+3.30	B97	107	B241	0.4555	0	-28.5453	0	0.807	0	-25.7238
NE+3.30	B97	107	B241	0.6073	0	-26.6857	0	0.807	0	-21.5262
NE+3.30	B97	107	B241	0.7591	0	-24.426	0	0.807	0	-17.6413
NE+3.30	B97	107	B241	0.9109	0	-21.8663	0	0.807	0	-14.1273
NE+3.30	B97	107	B241	1.0627	0	-19.6066	0	0.807	0	-10.9842
NE+3.30	B97	107	B241	1.2145	0	-17.7471	0	0.807	0	-8.1538
NE+3.30	B97	107	B241	1.3664	0	-16.2877	0	0.807	0	-5.5753
NE+3.30	B97	107	B241	1.5182	0	-15.2284	0	0.807	0	-3.188
NE+3.30	B97	107	B241	1.67	0	-14.5692	0	0.807	0	-0.9312
NE+3.30	B97	107	B242	0	0	-47.4694	0	1.5644	0	-59.3577
NE+3.30	B97	107	B242	0.1518	0	-46.7201	0	1.5644	0	-52.1989
NE+3.30	B97	107	B242	0.3036	0	-45.2589	0	1.5644	0	-45.2078
NE+3.30	B97	107	B242	0.4555	0	-43.086	0	1.5644	0	-38.4926
NE+3.30	B97	107	B242	0.6073	0	-40.2014	0	1.5644	0	-32.1613
NE+3.30	B97	107	B242	0.7591	0	-36.6051	0	1.5644	0	-26.322
NE+3.30	B97	107	B242	0.9109	0	-32.4749	0	1.5644	0	-21.0782
NE+3.30	B97	107	B242	1.0627	0	-28.8785	0	1.5644	0	-16.43

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B97	107	B242	1.2145	0	-25.9939	0	1.5644	0	-12.2736
NE+3.30	B97	107	B242	1.3664	0	-23.821	0	1.5644	0	-8.5012
NE+3.30	B97	107	B242	1.5182	0	-22.3599	0	1.5644	0	-5.0047
NE+3.30	B97	107	B242	1.67	0	-21.6105	0	1.5644	0	-1.676
NE+3.30	B99	109	Pprop	0	0	-6.8027	0	-0.1765	0	-8.4184
NE+3.30	B99	109	Pprop	0.1518	0	-6.4486	0	-0.1765	0	-7.4125
NE+3.30	B99	109	Pprop	0.3036	0	-6.0944	0	-0.1765	0	-6.4603
NE+3.30	B99	109	Pprop	0.4555	0	-5.7402	0	-0.1765	0	-5.562
NE+3.30	B99	109	Pprop	0.6073	0	-5.3861	0	-0.1765	0	-4.7174
NE+3.30	B99	109	Pprop	0.7591	0	-5.0319	0	-0.1765	0	-3.9266
NE+3.30	B99	109	Pprop	0.9109	0	-4.6778	0	-0.1765	0	-3.1895
NE+3.30	B99	109	Pprop	1.0627	0	-4.3236	0	-0.1765	0	-2.5062
NE+3.30	B99	109	Pprop	1.2145	0	-3.9694	0	-0.1765	0	-1.8767
NE+3.30	B99	109	Pprop	1.3664	0	-3.6153	0	-0.1765	0	-1.301
NE+3.30	B99	109	Pprop	1.5182	0	-3.2611	0	-0.1765	0	-0.779
NE+3.30	B99	109	Pprop	1.67	0	-2.907	0	-0.1765	0	-0.3108
NE+3.30	B99	109	Viva	0	0	-10.5692	0	-0.5261	0	-12.453
NE+3.30	B99	109	Viva	0.1518	0	-10.454	0	-0.5261	0	-10.8542
NE+3.30	B99	109	Viva	0.3036	0	-10.1083	0	-0.5261	0	-9.2904
NE+3.30	B99	109	Viva	0.4555	0	-9.532	0	-0.5261	0	-7.7967
NE+3.30	B99	109	Viva	0.6073	0	-8.7253	0	-0.5261	0	-6.4078
NE+3.30	B99	109	Viva	0.7591	0	-7.6881	0	-0.5261	0	-5.159
NE+3.30	B99	109	Viva	0.9109	0	-6.4781	0	-0.5261	0	-4.0836
NE+3.30	B99	109	Viva	1.0627	0	-5.4409	0	-0.5261	0	-3.1818
NE+3.30	B99	109	Viva	1.2145	0	-4.6342	0	-0.5261	0	-2.4199
NE+3.30	B99	109	Viva	1.3664	0	-4.058	0	-0.5261	0	-1.763
NE+3.30	B99	109	Viva	1.5182	0	-3.7122	0	-0.5261	0	-1.1761
NE+3.30	B99	109	Viva	1.67	0	-3.597	0	-0.5261	0	-0.6242
NE+3.30	B99	109	Psup	0	0	-13.8702	0	-0.6052	0	-16.1401
NE+3.30	B99	109	Psup	0.1518	0	-13.7159	0	-0.6052	0	-14.0422
NE+3.30	B99	109	Psup	0.3036	0	-13.2529	0	-0.6052	0	-11.9911
NE+3.30	B99	109	Psup	0.4555	0	-12.4812	0	-0.6052	0	-10.0338
NE+3.30	B99	109	Psup	0.6073	0	-11.4009	0	-0.6052	0	-8.217
NE+3.30	B99	109	Psup	0.7591	0	-10.0118	0	-0.6052	0	-6.5877
NE+3.30	B99	109	Psup	0.9109	0	-8.3913	0	-0.6052	0	-5.1907
NE+3.30	B99	109	Psup	1.0627	0	-7.0023	0	-0.6052	0	-4.0261
NE+3.30	B99	109	Psup	1.2145	0	-5.922	0	-0.6052	0	-3.0489
NE+3.30	B99	109	Psup	1.3664	0	-5.1503	0	-0.6052	0	-2.2123
NE+3.30	B99	109	Psup	1.5182	0	-4.6873	0	-0.6052	0	-1.4695
NE+3.30	B99	109	Psup	1.67	0	-4.533	0	-0.6052	0	-0.7735
NE+3.30	B99	109	Viva.cub	0	0	-0.0527	0	-0.0091	0	-0.0916
NE+3.30	B99	109	Viva.cub	0.1518	0	-0.0527	0	-0.0091	0	-0.0836
NE+3.30	B99	109	Viva.cub	0.3036	0	-0.0527	0	-0.0091	0	-0.0756
NE+3.30	B99	109	Viva.cub	0.4555	0	-0.0527	0	-0.0091	0	-0.0676
NE+3.30	B99	109	Viva.cub	0.6073	0	-0.0527	0	-0.0091	0	-0.0596

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B99	109	Viva.cub	0.7591	0	-0.0527	0	-0.0091	0	-0.0516
NE+3.30	B99	109	Viva.cub	0.9109	0	-0.0527	0	-0.0091	0	-0.0436
NE+3.30	B99	109	Viva.cub	1.0627	0	-0.0527	0	-0.0091	0	-0.0356
NE+3.30	B99	109	Viva.cub	1.2145	0	-0.0527	0	-0.0091	0	-0.0276
NE+3.30	B99	109	Viva.cub	1.3664	0	-0.0527	0	-0.0091	0	-0.0196
NE+3.30	B99	109	Viva.cub	1.5182	0	-0.0527	0	-0.0091	0	-0.0116
NE+3.30	B99	109	Viva.cub	1.67	0	-0.0527	0	-0.0091	0	-0.0036
NE+3.30	B99	109	DISX-COMB Max	0	0	1.8872	0	2.2626	0	3.7675
NE+3.30	B99	109	DISX-COMB Max	0.1518	0	1.8872	0	2.2626	0	3.5374
NE+3.30	B99	109	DISX-COMB Max	0.3036	0	1.8872	0	2.2626	0	3.3162
NE+3.30	B99	109	DISX-COMB Max	0.4555	0	1.8872	0	2.2626	0	3.1057
NE+3.30	B99	109	DISX-COMB Max	0.6073	0	1.8872	0	2.2626	0	2.9082
NE+3.30	B99	109	DISX-COMB Max	0.7591	0	1.8872	0	2.2626	0	2.7265
NE+3.30	B99	109	DISX-COMB Max	0.9109	0	1.8872	0	2.2626	0	2.5641
NE+3.30	B99	109	DISX-COMB Max	1.0627	0	1.8872	0	2.2626	0	2.4247
NE+3.30	B99	109	DISX-COMB Max	1.2145	0	1.8872	0	2.2626	0	2.3126
NE+3.30	B99	109	DISX-COMB Max	1.3664	0	1.8872	0	2.2626	0	2.2319
NE+3.30	B99	109	DISX-COMB Max	1.5182	0	1.8872	0	2.2626	0	2.186
NE+3.30	B99	109	DISX-COMB Max	1.67	0	1.8872	0	2.2626	0	2.1772
NE+3.30	B99	109	DISY-COMB Max	0	0	13.1152	0	2.4365	0	23.1037
NE+3.30	B99	109	DISY-COMB Max	0.1518	0	13.1152	0	2.4365	0	21.1125
NE+3.30	B99	109	DISY-COMB Max	0.3036	0	13.1152	0	2.4365	0	19.1214
NE+3.30	B99	109	DISY-COMB Max	0.4555	0	13.1152	0	2.4365	0	17.1303
NE+3.30	B99	109	DISY-COMB Max	0.6073	0	13.1152	0	2.4365	0	15.1392
NE+3.30	B99	109	DISY-COMB Max	0.7591	0	13.1152	0	2.4365	0	13.1481
NE+3.30	B99	109	DISY-COMB Max	0.9109	0	13.1152	0	2.4365	0	11.157
NE+3.30	B99	109	DISY-COMB Max	1.0627	0	13.1152	0	2.4365	0	9.1659
NE+3.30	B99	109	DISY-COMB Max	1.2145	0	13.1152	0	2.4365	0	7.1749
NE+3.30	B99	109	DISY-COMB Max	1.3664	0	13.1152	0	2.4365	0	5.1839
NE+3.30	B99	109	DISY-COMB Max	1.5182	0	13.1152	0	2.4365	0	3.1931
NE+3.30	B99	109	DISY-COMB Max	1.67	0	13.1152	0	2.4365	0	1.2033
NE+3.30	B99	109	B241	0	0	-26.7983	0	-1.0134	0	-31.8351
NE+3.30	B99	109	B241	0.1518	0	-26.1391	0	-1.0134	0	-27.8116
NE+3.30	B99	109	B241	0.3036	0	-25.0798	0	-1.0134	0	-23.9185
NE+3.30	B99	109	B241	0.4555	0	-23.6204	0	-1.0134	0	-20.2167
NE+3.30	B99	109	B241	0.6073	0	-21.7609	0	-1.0134	0	-16.7668
NE+3.30	B99	109	B241	0.7591	0	-19.5012	0	-1.0134	0	-13.6296
NE+3.30	B99	109	B241	0.9109	0	-16.9414	0	-1.0134	0	-10.8632
NE+3.30	B99	109	B241	1.0627	0	-14.6818	0	-1.0134	0	-8.4678
NE+3.30	B99	109	B241	1.2145	0	-12.8222	0	-1.0134	0	-6.3851
NE+3.30	B99	109	B241	1.3664	0	-11.3628	0	-1.0134	0	-4.5543
NE+3.30	B99	109	B241	1.5182	0	-10.3035	0	-1.0134	0	-2.9147
NE+3.30	B99	109	B241	1.67	0	-9.6444	0	-1.0134	0	-1.4055
NE+3.30	B99	109	B242	0	0	-39.907	0	-1.715	0	-47.2578
NE+3.30	B99	109	B242	0.1518	0	-39.1576	0	-1.715	0	-41.2471

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B99	109	B242	0.3036	0	-37.6965	0	-1.715	0	-35.4041
NE+3.30	B99	109	B242	0.4555	0	-35.5236	0	-1.715	0	-29.837
NE+3.30	B99	109	B242	0.6073	0	-32.639	0	-1.715	0	-24.6539
NE+3.30	B99	109	B242	0.7591	0	-29.0426	0	-1.715	0	-19.9627
NE+3.30	B99	109	B242	0.9109	0	-24.9125	0	-1.715	0	-15.867
NE+3.30	B99	109	B242	1.0627	0	-21.3161	0	-1.715	0	-12.3668
NE+3.30	B99	109	B242	1.2145	0	-18.4315	0	-1.715	0	-9.3586
NE+3.30	B99	109	B242	1.3664	0	-16.2586	0	-1.715	0	-6.7343
NE+3.30	B99	109	B242	1.5182	0	-14.7975	0	-1.715	0	-4.3859
NE+3.30	B99	109	B242	1.67	0	-14.0481	0	-1.715	0	-2.2053
NE+3.30	B101	111	Pprop	0	0	-6.7368	0	0.1543	0	-8.2915
NE+3.30	B101	111	Pprop	0.1518	0	-6.3826	0	0.1543	0	-7.2956
NE+3.30	B101	111	Pprop	0.3036	0	-6.0285	0	0.1543	0	-6.3535
NE+3.30	B101	111	Pprop	0.4555	0	-5.6743	0	0.1543	0	-5.4651
NE+3.30	B101	111	Pprop	0.6073	0	-5.3201	0	0.1543	0	-4.6306
NE+3.30	B101	111	Pprop	0.7591	0	-4.966	0	0.1543	0	-3.8498
NE+3.30	B101	111	Pprop	0.9109	0	-4.6118	0	0.1543	0	-3.1227
NE+3.30	B101	111	Pprop	1.0627	0	-4.2577	0	0.1543	0	-2.4494
NE+3.30	B101	111	Pprop	1.2145	0	-3.9035	0	0.1543	0	-1.8299
NE+3.30	B101	111	Pprop	1.3664	0	-3.5493	0	0.1543	0	-1.2642
NE+3.30	B101	111	Pprop	1.5182	0	-3.1952	0	0.1543	0	-0.7522
NE+3.30	B101	111	Pprop	1.67	0	-2.841	0	0.1543	0	-0.294
NE+3.30	B101	111	Viva	0	0	-10.4113	0	0.5239	0	-12.2314
NE+3.30	B101	111	Viva	0.1518	0	-10.2961	0	0.5239	0	-10.6566
NE+3.30	B101	111	Viva	0.3036	0	-9.9503	0	0.5239	0	-9.1168
NE+3.30	B101	111	Viva	0.4555	0	-9.3741	0	0.5239	0	-7.647
NE+3.30	B101	111	Viva	0.6073	0	-8.5674	0	0.5239	0	-6.2822
NE+3.30	B101	111	Viva	0.7591	0	-7.5302	0	0.5239	0	-5.0573
NE+3.30	B101	111	Viva	0.9109	0	-6.3201	0	0.5239	0	-4.0059
NE+3.30	B101	111	Viva	1.0627	0	-5.283	0	0.5239	0	-3.1281
NE+3.30	B101	111	Viva	1.2145	0	-4.4762	0	0.5239	0	-2.3902
NE+3.30	B101	111	Viva	1.3664	0	-3.9	0	0.5239	0	-1.7572
NE+3.30	B101	111	Viva	1.5182	0	-3.5543	0	0.5239	0	-1.1943
NE+3.30	B101	111	Viva	1.67	0	-3.4391	0	0.5239	0	-0.6664
NE+3.30	B101	111	Psup	0	0	-13.6787	0	0.5696	0	-15.8481
NE+3.30	B101	111	Psup	0.1518	0	-13.5243	0	0.5696	0	-13.7792
NE+3.30	B101	111	Psup	0.3036	0	-13.0613	0	0.5696	0	-11.7572
NE+3.30	B101	111	Psup	0.4555	0	-12.2896	0	0.5696	0	-9.829
NE+3.30	B101	111	Psup	0.6073	0	-11.2093	0	0.5696	0	-8.0413
NE+3.30	B101	111	Psup	0.7591	0	-9.8203	0	0.5696	0	-6.441
NE+3.30	B101	111	Psup	0.9109	0	-8.1998	0	0.5696	0	-5.0731
NE+3.30	B101	111	Psup	1.0627	0	-6.8108	0	0.5696	0	-3.9376
NE+3.30	B101	111	Psup	1.2145	0	-5.7304	0	0.5696	0	-2.9895
NE+3.30	B101	111	Psup	1.3664	0	-4.9588	0	0.5696	0	-2.182
NE+3.30	B101	111	Psup	1.5182	0	-4.4958	0	0.5696	0	-1.4682

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B101	111	Psup	1.67	0	-4.3414	0	0.5696	0	-0.8013
NE+3.30	B101	111	Viva.cub	0	0	-0.0524	0	0.0081	0	-0.0913
NE+3.30	B101	111	Viva.cub	0.1518	0	-0.0524	0	0.0081	0	-0.0834
NE+3.30	B101	111	Viva.cub	0.3036	0	-0.0524	0	0.0081	0	-0.0754
NE+3.30	B101	111	Viva.cub	0.4555	0	-0.0524	0	0.0081	0	-0.0675
NE+3.30	B101	111	Viva.cub	0.6073	0	-0.0524	0	0.0081	0	-0.0595
NE+3.30	B101	111	Viva.cub	0.7591	0	-0.0524	0	0.0081	0	-0.0515
NE+3.30	B101	111	Viva.cub	0.9109	0	-0.0524	0	0.0081	0	-0.0436
NE+3.30	B101	111	Viva.cub	1.0627	0	-0.0524	0	0.0081	0	-0.0356
NE+3.30	B101	111	Viva.cub	1.2145	0	-0.0524	0	0.0081	0	-0.0277
NE+3.30	B101	111	Viva.cub	1.3664	0	-0.0524	0	0.0081	0	-0.0197
NE+3.30	B101	111	Viva.cub	1.5182	0	-0.0524	0	0.0081	0	-0.0117
NE+3.30	B101	111	Viva.cub	1.67	0	-0.0524	0	0.0081	0	-0.0038
NE+3.30	B101	111	DISX-COMB Max	0	0	6.5691	0	3.201	0	9.348
NE+3.30	B101	111	DISX-COMB Max	0.1518	0	6.5691	0	3.201	0	8.3555
NE+3.30	B101	111	DISX-COMB Max	0.3036	0	6.5691	0	3.201	0	7.3644
NE+3.30	B101	111	DISX-COMB Max	0.4555	0	6.5691	0	3.201	0	6.3751
NE+3.30	B101	111	DISX-COMB Max	0.6073	0	6.5691	0	3.201	0	5.3889
NE+3.30	B101	111	DISX-COMB Max	0.7591	0	6.5691	0	3.201	0	4.4076
NE+3.30	B101	111	DISX-COMB Max	0.9109	0	6.5691	0	3.201	0	3.4356
NE+3.30	B101	111	DISX-COMB Max	1.0627	0	6.5691	0	3.201	0	2.4836
NE+3.30	B101	111	DISX-COMB Max	1.2145	0	6.5691	0	3.201	0	1.5884
NE+3.30	B101	111	DISX-COMB Max	1.3664	0	6.5691	0	3.201	0	0.9309
NE+3.30	B101	111	DISX-COMB Max	1.5182	0	6.5691	0	3.201	0	1.0953
NE+3.30	B101	111	DISX-COMB Max	1.67	0	6.5691	0	3.201	0	1.8767
NE+3.30	B101	111	DISY-COMB Max	0	0	12.8665	0	2.2714	0	22.4623
NE+3.30	B101	111	DISY-COMB Max	0.1518	0	12.8665	0	2.2714	0	20.5089
NE+3.30	B101	111	DISY-COMB Max	0.3036	0	12.8665	0	2.2714	0	18.5556
NE+3.30	B101	111	DISY-COMB Max	0.4555	0	12.8665	0	2.2714	0	16.6022
NE+3.30	B101	111	DISY-COMB Max	0.6073	0	12.8665	0	2.2714	0	14.6489
NE+3.30	B101	111	DISY-COMB Max	0.7591	0	12.8665	0	2.2714	0	12.6956
NE+3.30	B101	111	DISY-COMB Max	0.9109	0	12.8665	0	2.2714	0	10.7422
NE+3.30	B101	111	DISY-COMB Max	1.0627	0	12.8665	0	2.2714	0	8.7889
NE+3.30	B101	111	DISY-COMB Max	1.2145	0	12.8665	0	2.2714	0	6.8357
NE+3.30	B101	111	DISY-COMB Max	1.3664	0	12.8665	0	2.2714	0	4.8825
NE+3.30	B101	111	DISY-COMB Max	1.5182	0	12.8665	0	2.2714	0	2.9295
NE+3.30	B101	111	DISY-COMB Max	1.67	0	12.8665	0	2.2714	0	0.9782
NE+3.30	B101	111	B241	0	0	-26.4645	0	0.9384	0	-31.292
NE+3.30	B101	111	B241	0.1518	0	-25.8053	0	0.9384	0	-27.3192
NE+3.30	B101	111	B241	0.3036	0	-24.746	0	0.9384	0	-23.4769
NE+3.30	B101	111	B241	0.4555	0	-23.2866	0	0.9384	0	-19.8257
NE+3.30	B101	111	B241	0.6073	0	-21.4271	0	0.9384	0	-16.4264
NE+3.30	B101	111	B241	0.7591	0	-19.1674	0	0.9384	0	-13.3399
NE+3.30	B101	111	B241	0.9109	0	-16.6076	0	0.9384	0	-10.6242
NE+3.30	B101	111	B241	1.0627	0	-14.348	0	0.9384	0	-8.2795

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B101	111	B241	1.2145	0	-12.4884	0	0.9384	0	-6.2474
NE+3.30	B101	111	B241	1.3664	0	-11.029	0	0.9384	0	-4.4673
NE+3.30	B101	111	B241	1.5182	0	-9.9697	0	0.9384	0	-2.8784
NE+3.30	B101	111	B241	1.67	0	-9.3106	0	0.9384	0	-1.4199
NE+3.30	B101	111	B242	0	0	-39.3681	0	1.6466	0	-46.4377
NE+3.30	B101	111	B242	0.1518	0	-38.6187	0	1.6466	0	-40.5088
NE+3.30	B101	111	B242	0.3036	0	-37.1576	0	1.6466	0	-34.7476
NE+3.30	B101	111	B242	0.4555	0	-34.9847	0	1.6466	0	-29.2624
NE+3.30	B101	111	B242	0.6073	0	-32.1001	0	1.6466	0	-24.161
NE+3.30	B101	111	B242	0.7591	0	-28.5037	0	1.6466	0	-19.5516
NE+3.30	B101	111	B242	0.9109	0	-24.3736	0	1.6466	0	-15.5378
NE+3.30	B101	111	B242	1.0627	0	-20.7772	0	1.6466	0	-12.1194
NE+3.30	B101	111	B242	1.2145	0	-17.8926	0	1.6466	0	-9.193
NE+3.30	B101	111	B242	1.3664	0	-15.7197	0	1.6466	0	-6.6506
NE+3.30	B101	111	B242	1.5182	0	-14.2586	0	1.6466	0	-4.384
NE+3.30	B101	111	B242	1.67	0	-13.5092	0	1.6466	0	-2.2851
NE+3.30	B103	113	Pprop	0	0	-6.9869	0	-0.0166	0	-8.8764
NE+3.30	B103	113	Pprop	0.1518	0	-6.6327	0	-0.0166	0	-7.8425
NE+3.30	B103	113	Pprop	0.3036	0	-6.2786	0	-0.0166	0	-6.8624
NE+3.30	B103	113	Pprop	0.4555	0	-5.9244	0	-0.0166	0	-5.9361
NE+3.30	B103	113	Pprop	0.6073	0	-5.5702	0	-0.0166	0	-5.0636
NE+3.30	B103	113	Pprop	0.7591	0	-5.2161	0	-0.0166	0	-4.2448
NE+3.30	B103	113	Pprop	0.9109	0	-4.8619	0	-0.0166	0	-3.4798
NE+3.30	B103	113	Pprop	1.0627	0	-4.5078	0	-0.0166	0	-2.7685
NE+3.30	B103	113	Pprop	1.2145	0	-4.1536	0	-0.0166	0	-2.111
NE+3.30	B103	113	Pprop	1.3664	0	-3.7994	0	-0.0166	0	-1.5073
NE+3.30	B103	113	Pprop	1.5182	0	-3.4453	0	-0.0166	0	-0.9574
NE+3.30	B103	113	Pprop	1.67	0	-3.0911	0	-0.0166	0	-0.4612
NE+3.30	B103	113	Viva	0	0	-10.8027	0	-0.1554	0	-12.9573
NE+3.30	B103	113	Viva	0.1518	0	-10.6874	0	-0.1554	0	-11.3231
NE+3.30	B103	113	Viva	0.3036	0	-10.3417	0	-0.1554	0	-9.7238
NE+3.30	B103	113	Viva	0.4555	0	-9.7655	0	-0.1554	0	-8.1946
NE+3.30	B103	113	Viva	0.6073	0	-8.9588	0	-0.1554	0	-6.7704
NE+3.30	B103	113	Viva	0.7591	0	-7.9216	0	-0.1554	0	-5.4861
NE+3.30	B103	113	Viva	0.9109	0	-6.7115	0	-0.1554	0	-4.3753
NE+3.30	B103	113	Viva	1.0627	0	-5.6743	0	-0.1554	0	-3.438
NE+3.30	B103	113	Viva	1.2145	0	-4.8676	0	-0.1554	0	-2.6407
NE+3.30	B103	113	Viva	1.3664	0	-4.2914	0	-0.1554	0	-1.9484
NE+3.30	B103	113	Viva	1.5182	0	-3.9457	0	-0.1554	0	-1.326
NE+3.30	B103	113	Viva	1.67	0	-3.8304	0	-0.1554	0	-0.7386
NE+3.30	B103	113	Psup	0	0	-13.8581	0	-0.0174	0	-16.2733
NE+3.30	B103	113	Psup	0.1518	0	-13.7037	0	-0.0174	0	-14.1772
NE+3.30	B103	113	Psup	0.3036	0	-13.2407	0	-0.0174	0	-12.128
NE+3.30	B103	113	Psup	0.4555	0	-12.4691	0	-0.0174	0	-10.1725
NE+3.30	B103	113	Psup	0.6073	0	-11.3887	0	-0.0174	0	-8.3576

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B103	113	Psup	0.7591	0	-9.9997	0	-0.0174	0	-6.7301
NE+3.30	B103	113	Psup	0.9109	0	-8.3792	0	-0.0174	0	-5.3349
NE+3.30	B103	113	Psup	1.0627	0	-6.9902	0	-0.0174	0	-4.1722
NE+3.30	B103	113	Psup	1.2145	0	-5.9098	0	-0.0174	0	-3.1969
NE+3.30	B103	113	Psup	1.3664	0	-5.1382	0	-0.0174	0	-2.3621
NE+3.30	B103	113	Psup	1.5182	0	-4.6752	0	-0.0174	0	-1.6211
NE+3.30	B103	113	Psup	1.67	0	-4.5208	0	-0.0174	0	-0.9269
NE+3.30	B103	113	Viva.cub	0	0	-0.0476	0	-0.0104	0	-0.0808
NE+3.30	B103	113	Viva.cub	0.1518	0	-0.0476	0	-0.0104	0	-0.0736
NE+3.30	B103	113	Viva.cub	0.3036	0	-0.0476	0	-0.0104	0	-0.0664
NE+3.30	B103	113	Viva.cub	0.4555	0	-0.0476	0	-0.0104	0	-0.0592
NE+3.30	B103	113	Viva.cub	0.6073	0	-0.0476	0	-0.0104	0	-0.0519
NE+3.30	B103	113	Viva.cub	0.7591	0	-0.0476	0	-0.0104	0	-0.0447
NE+3.30	B103	113	Viva.cub	0.9109	0	-0.0476	0	-0.0104	0	-0.0375
NE+3.30	B103	113	Viva.cub	1.0627	0	-0.0476	0	-0.0104	0	-0.0302
NE+3.30	B103	113	Viva.cub	1.2145	0	-0.0476	0	-0.0104	0	-0.023
NE+3.30	B103	113	Viva.cub	1.3664	0	-0.0476	0	-0.0104	0	-0.0158
NE+3.30	B103	113	Viva.cub	1.5182	0	-0.0476	0	-0.0104	0	-0.0085
NE+3.30	B103	113	Viva.cub	1.67	0	-0.0476	0	-0.0104	0	-0.0013
NE+3.30	B103	113	DISX-COMB Max	0	0	3.5884	0	0.6236	0	6.9199
NE+3.30	B103	113	DISX-COMB Max	0.1518	0	3.5884	0	0.6236	0	6.4196
NE+3.30	B103	113	DISX-COMB Max	0.3036	0	3.5884	0	0.6236	0	5.9272
NE+3.30	B103	113	DISX-COMB Max	0.4555	0	3.5884	0	0.6236	0	5.4448
NE+3.30	B103	113	DISX-COMB Max	0.6073	0	3.5884	0	0.6236	0	4.9753
NE+3.30	B103	113	DISX-COMB Max	0.7591	0	3.5884	0	0.6236	0	4.5227
NE+3.30	B103	113	DISX-COMB Max	0.9109	0	3.5884	0	0.6236	0	4.0926
NE+3.30	B103	113	DISX-COMB Max	1.0627	0	3.5884	0	0.6236	0	3.6929
NE+3.30	B103	113	DISX-COMB Max	1.2145	0	3.5884	0	0.6236	0	3.3345
NE+3.30	B103	113	DISX-COMB Max	1.3664	0	3.5884	0	0.6236	0	3.0323
NE+3.30	B103	113	DISX-COMB Max	1.5182	0	3.5884	0	0.6236	0	2.8042
NE+3.30	B103	113	DISX-COMB Max	1.67	0	3.5884	0	0.6236	0	2.6695
NE+3.30	B103	113	DISY-COMB Max	0	0	12.3037	0	2.7087	0	21.0064
NE+3.30	B103	113	DISY-COMB Max	0.1518	0	12.3037	0	2.7087	0	19.1385
NE+3.30	B103	113	DISY-COMB Max	0.3036	0	12.3037	0	2.7087	0	17.2706
NE+3.30	B103	113	DISY-COMB Max	0.4555	0	12.3037	0	2.7087	0	15.4027
NE+3.30	B103	113	DISY-COMB Max	0.6073	0	12.3037	0	2.7087	0	13.5348
NE+3.30	B103	113	DISY-COMB Max	0.7591	0	12.3037	0	2.7087	0	11.667
NE+3.30	B103	113	DISY-COMB Max	0.9109	0	12.3037	0	2.7087	0	9.7991
NE+3.30	B103	113	DISY-COMB Max	1.0627	0	12.3037	0	2.7087	0	7.9313
NE+3.30	B103	113	DISY-COMB Max	1.2145	0	12.3037	0	2.7087	0	6.0635
NE+3.30	B103	113	DISY-COMB Max	1.3664	0	12.3037	0	2.7087	0	4.1959
NE+3.30	B103	113	DISY-COMB Max	1.5182	0	12.3037	0	2.7087	0	2.3289
NE+3.30	B103	113	DISY-COMB Max	1.67	0	12.3037	0	2.7087	0	0.4685
NE+3.30	B103	113	B241	0	0	-27.0212	0	-0.0441	0	-32.6014
NE+3.30	B103	113	B241	0.1518	0	-26.3621	0	-0.0441	0	-28.5441

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B103	113	B241	0.3036	0	-25.3028	0	-0.0441	0	-24.6172
NE+3.30	B103	113	B241	0.4555	0	-23.8434	0	-0.0441	0	-20.8815
NE+3.30	B103	113	B241	0.6073	0	-21.9838	0	-0.0441	0	-17.3977
NE+3.30	B103	113	B241	0.7591	0	-19.7242	0	-0.0441	0	-14.2266
NE+3.30	B103	113	B241	0.9109	0	-17.1644	0	-0.0441	0	-11.4265
NE+3.30	B103	113	B241	1.0627	0	-14.9047	0	-0.0441	0	-8.9972
NE+3.30	B103	113	B241	1.2145	0	-13.0452	0	-0.0441	0	-6.8806
NE+3.30	B103	113	B241	1.3664	0	-11.5858	0	-0.0441	0	-5.0159
NE+3.30	B103	113	B241	1.5182	0	-10.5265	0	-0.0441	0	-3.3425
NE+3.30	B103	113	B241	1.67	0	-9.8673	0	-0.0441	0	-1.7995
NE+3.30	B103	113	B242	0	0	-40.4691	0	-0.2917	0	-48.7161
NE+3.30	B103	113	B242	0.1518	0	-39.7198	0	-0.2917	0	-42.6201
NE+3.30	B103	113	B242	0.3036	0	-38.2586	0	-0.2917	0	-36.6918
NE+3.30	B103	113	B242	0.4555	0	-36.0857	0	-0.2917	0	-31.0394
NE+3.30	B103	113	B242	0.6073	0	-33.2011	0	-0.2917	0	-25.7709
NE+3.30	B103	113	B242	0.7591	0	-29.6048	0	-0.2917	0	-20.9943
NE+3.30	B103	113	B242	0.9109	0	-25.4746	0	-0.2917	0	-16.8133
NE+3.30	B103	113	B242	1.0627	0	-21.8782	0	-0.2917	0	-13.2278
NE+3.30	B103	113	B242	1.2145	0	-18.9936	0	-0.2917	0	-10.1343
NE+3.30	B103	113	B242	1.3664	0	-16.8207	0	-0.2917	0	-7.4246
NE+3.30	B103	113	B242	1.5182	0	-15.3596	0	-0.2917	0	-4.9909
NE+3.30	B103	113	B242	1.67	0	-14.6102	0	-0.2917	0	-2.7249
NE+3.30	B105	115	Pprop	0	0	-9.2725	0	0.2469	0	-11.8087
NE+3.30	B105	115	Pprop	0.1518	0	-8.9183	0	0.2469	0	-10.4279
NE+3.30	B105	115	Pprop	0.3036	0	-8.5642	0	0.2469	0	-9.1008
NE+3.30	B105	115	Pprop	0.4555	0	-8.21	0	0.2469	0	-7.8275
NE+3.30	B105	115	Pprop	0.6073	0	-7.8559	0	0.2469	0	-6.6079
NE+3.30	B105	115	Pprop	0.7591	0	-7.5017	0	0.2469	0	-5.4421
NE+3.30	B105	115	Pprop	0.9109	0	-7.1475	0	0.2469	0	-4.3301
NE+3.30	B105	115	Pprop	1.0627	0	-6.7934	0	0.2469	0	-3.2719
NE+3.30	B105	115	Pprop	1.2145	0	-6.4392	0	0.2469	0	-2.2674
NE+3.30	B105	115	Pprop	1.3664	0	-6.085	0	0.2469	0	-1.3167
NE+3.30	B105	115	Pprop	1.5182	0	-5.7309	0	0.2469	0	-0.4198
NE+3.30	B105	115	Pprop	1.67	0	-5.3767	0	0.2469	0	0.4234
NE+3.30	B105	115	Viva	0	0	-13.1124	0	0.6687	0	-15.666
NE+3.30	B105	115	Viva	0.1518	0	-12.9972	0	0.6687	0	-13.6811
NE+3.30	B105	115	Viva	0.3036	0	-12.6515	0	0.6687	0	-11.7312
NE+3.30	B105	115	Viva	0.4555	0	-12.0753	0	0.6687	0	-9.8513
NE+3.30	B105	115	Viva	0.6073	0	-11.2685	0	0.6687	0	-8.0764
NE+3.30	B105	115	Viva	0.7591	0	-10.2314	0	0.6687	0	-6.4414
NE+3.30	B105	115	Viva	0.9109	0	-9.0213	0	0.6687	0	-4.98
NE+3.30	B105	115	Viva	1.0627	0	-7.9841	0	0.6687	0	-3.692
NE+3.30	B105	115	Viva	1.2145	0	-7.1774	0	0.6687	0	-2.5441
NE+3.30	B105	115	Viva	1.3664	0	-6.6012	0	0.6687	0	-1.5011
NE+3.30	B105	115	Viva	1.5182	0	-6.2554	0	0.6687	0	-0.528

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B105	115	Viva	1.67	0	-6.1402	0	0.6687	0	0.41
NE+3.30	B105	115	Psup	0	0	-17.7965	0	0.7686	0	-21.1056
NE+3.30	B105	115	Psup	0.1518	0	-17.6422	0	0.7686	0	-18.4115
NE+3.30	B105	115	Psup	0.3036	0	-17.1792	0	0.7686	0	-15.7644
NE+3.30	B105	115	Psup	0.4555	0	-16.4075	0	0.7686	0	-13.2109
NE+3.30	B105	115	Psup	0.6073	0	-15.3272	0	0.7686	0	-10.7981
NE+3.30	B105	115	Psup	0.7591	0	-13.9382	0	0.7686	0	-8.5727
NE+3.30	B105	115	Psup	0.9109	0	-12.3176	0	0.7686	0	-6.5796
NE+3.30	B105	115	Psup	1.0627	0	-10.9286	0	0.7686	0	-4.8189
NE+3.30	B105	115	Psup	1.2145	0	-9.8483	0	0.7686	0	-3.2457
NE+3.30	B105	115	Psup	1.3664	0	-9.0766	0	0.7686	0	-1.813
NE+3.30	B105	115	Psup	1.5182	0	-8.6136	0	0.7686	0	-0.4741
NE+3.30	B105	115	Psup	1.67	0	-8.4593	0	0.7686	0	0.818
NE+3.30	B105	115	Viva.cub	0	0	-0.0245	0	0.0049	0	-0.0539
NE+3.30	B105	115	Viva.cub	0.1518	0	-0.0245	0	0.0049	0	-0.0502
NE+3.30	B105	115	Viva.cub	0.3036	0	-0.0245	0	0.0049	0	-0.0465
NE+3.30	B105	115	Viva.cub	0.4555	0	-0.0245	0	0.0049	0	-0.0428
NE+3.30	B105	115	Viva.cub	0.6073	0	-0.0245	0	0.0049	0	-0.039
NE+3.30	B105	115	Viva.cub	0.7591	0	-0.0245	0	0.0049	0	-0.0353
NE+3.30	B105	115	Viva.cub	0.9109	0	-0.0245	0	0.0049	0	-0.0316
NE+3.30	B105	115	Viva.cub	1.0627	0	-0.0245	0	0.0049	0	-0.0279
NE+3.30	B105	115	Viva.cub	1.2145	0	-0.0245	0	0.0049	0	-0.0242
NE+3.30	B105	115	Viva.cub	1.3664	0	-0.0245	0	0.0049	0	-0.0204
NE+3.30	B105	115	Viva.cub	1.5182	0	-0.0245	0	0.0049	0	-0.0167
NE+3.30	B105	115	Viva.cub	1.67	0	-0.0245	0	0.0049	0	-0.013
NE+3.30	B105	115	DISX-COMB Max	0	0	3.421	0	4.4153	0	7.3142
NE+3.30	B105	115	DISX-COMB Max	0.1518	0	3.421	0	4.4153	0	6.7949
NE+3.30	B105	115	DISX-COMB Max	0.3036	0	3.421	0	4.4153	0	6.2756
NE+3.30	B105	115	DISX-COMB Max	0.4555	0	3.421	0	4.4153	0	5.7563
NE+3.30	B105	115	DISX-COMB Max	0.6073	0	3.421	0	4.4153	0	5.237
NE+3.30	B105	115	DISX-COMB Max	0.7591	0	3.421	0	4.4153	0	4.7178
NE+3.30	B105	115	DISX-COMB Max	0.9109	0	3.421	0	4.4153	0	4.1986
NE+3.30	B105	115	DISX-COMB Max	1.0627	0	3.421	0	4.4153	0	3.6794
NE+3.30	B105	115	DISX-COMB Max	1.2145	0	3.421	0	4.4153	0	3.1603
NE+3.30	B105	115	DISX-COMB Max	1.3664	0	3.421	0	4.4153	0	2.6413
NE+3.30	B105	115	DISX-COMB Max	1.5182	0	3.421	0	4.4153	0	2.1225
NE+3.30	B105	115	DISX-COMB Max	1.67	0	3.421	0	4.4153	0	1.604
NE+3.30	B105	115	DISY-COMB Max	0	0	6.3099	0	1.3151	0	13.8303
NE+3.30	B105	115	DISY-COMB Max	0.1518	0	6.3099	0	1.3151	0	12.8723
NE+3.30	B105	115	DISY-COMB Max	0.3036	0	6.3099	0	1.3151	0	11.9143
NE+3.30	B105	115	DISY-COMB Max	0.4555	0	6.3099	0	1.3151	0	10.9564
NE+3.30	B105	115	DISY-COMB Max	0.6073	0	6.3099	0	1.3151	0	9.9984
NE+3.30	B105	115	DISY-COMB Max	0.7591	0	6.3099	0	1.3151	0	9.0405
NE+3.30	B105	115	DISY-COMB Max	0.9109	0	6.3099	0	1.3151	0	8.0825
NE+3.30	B105	115	DISY-COMB Max	1.0627	0	6.3099	0	1.3151	0	7.1246

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B105	115	DISY-COMB Max	1.2145	0	6.3099	0	1.3151	0	6.1666
NE+3.30	B105	115	DISY-COMB Max	1.3664	0	6.3099	0	1.3151	0	5.2087
NE+3.30	B105	115	DISY-COMB Max	1.5182	0	6.3099	0	1.3151	0	4.2507
NE+3.30	B105	115	DISY-COMB Max	1.67	0	6.3099	0	1.3151	0	3.2928
NE+3.30	B105	115	B241	0	0	-35.0895	0	1.3164	0	-42.6667
NE+3.30	B105	115	B241	0.1518	0	-34.4303	0	1.3164	0	-37.3844
NE+3.30	B105	115	B241	0.3036	0	-33.371	0	1.3164	0	-32.2326
NE+3.30	B105	115	B241	0.4555	0	-31.9116	0	1.3164	0	-27.272
NE+3.30	B105	115	B241	0.6073	0	-30.0521	0	1.3164	0	-22.5633
NE+3.30	B105	115	B241	0.7591	0	-27.7924	0	1.3164	0	-18.1674
NE+3.30	B105	115	B241	0.9109	0	-25.2326	0	1.3164	0	-14.1423
NE+3.30	B105	115	B241	1.0627	0	-22.973	0	1.3164	0	-10.4881
NE+3.30	B105	115	B241	1.2145	0	-21.1134	0	1.3164	0	-7.1466
NE+3.30	B105	115	B241	1.3664	0	-19.654	0	1.3164	0	-4.057
NE+3.30	B105	115	B241	1.5182	0	-18.5947	0	1.3164	0	-1.1587
NE+3.30	B105	115	B241	1.67	0	-17.9356	0	1.3164	0	1.6092
NE+3.30	B105	115	B242	0	0	-51.0688	0	2.2006	0	-61.6639
NE+3.30	B105	115	B242	0.1518	0	-50.3195	0	2.2006	0	-53.9586
NE+3.30	B105	115	B242	0.3036	0	-48.8583	0	2.2006	0	-46.4211
NE+3.30	B105	115	B242	0.4555	0	-46.6855	0	2.2006	0	-39.1595
NE+3.30	B105	115	B242	0.6073	0	-43.8008	0	2.2006	0	-32.2817
NE+3.30	B105	115	B242	0.7591	0	-40.2045	0	2.2006	0	-25.896
NE+3.30	B105	115	B242	0.9109	0	-36.0743	0	2.2006	0	-20.1057
NE+3.30	B105	115	B242	1.0627	0	-32.4779	0	2.2006	0	-14.911
NE+3.30	B105	115	B242	1.2145	0	-29.5933	0	2.2006	0	-10.2082
NE+3.30	B105	115	B242	1.3664	0	-27.4204	0	2.2006	0	-5.8894
NE+3.30	B105	115	B242	1.5182	0	-25.9593	0	2.2006	0	-1.8464
NE+3.30	B105	115	B242	1.67	0	-25.2099	0	2.2006	0	2.0288
NE+3.30	B798	271	Pprop	0	0	-4.3831	0	-0.3308	0	-1.8877
NE+3.30	B798	271	Pprop	0.7373	0	-2.6632	0	-0.3308	0	0.7098
NE+3.30	B798	271	Pprop	1.4745	0	-0.9433	0	-0.3308	0	2.0393
NE+3.30	B798	271	Pprop	2.2118	0	0.7766	0	-0.3308	0	2.1007
NE+3.30	B798	271	Pprop	2.7	0	1.9155	0	-0.3308	0	1.4436
NE+3.30	B798	271	Pprop	2.7	0	-2.8842	0	-0.0267	0	1.3731
NE+3.30	B798	271	Pprop	2.9491	0	-2.3032	0	-0.0267	0	2.0192
NE+3.30	B798	271	Pprop	3.6864	0	-0.5833	0	-0.0267	0	3.0832
NE+3.30	B798	271	Pprop	4.4236	0	1.1366	0	-0.0267	0	2.8792
NE+3.30	B798	271	Pprop	5.1609	0	2.8566	0	-0.0267	0	1.4072
NE+3.30	B798	271	Pprop	5.41	0	3.4376	0	-0.0267	0	0.6232
NE+3.30	B798	271	Pprop	5.41	0	-0.8786	0	-0.2005	0	0.5524
NE+3.30	B798	271	Pprop	5.8982	0	0.2602	0	-0.2005	0	0.7034
NE+3.30	B798	271	Pprop	6.6355	0	1.9801	0	-0.2005	0	-0.1225
NE+3.30	B798	271	Pprop	7.3727	0	3.7	0	-0.2005	0	-2.2164
NE+3.30	B798	271	Pprop	8.11	0	5.42	0	-0.2005	0	-5.5784
NE+3.30	B798	271	Viva	0	0	-4.9558	0	-0.0053	0	-1.9516

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B798	271	Viva	0.7373	0	-3.5969	0	-0.0053	0	1.3682
NE+3.30	B798	271	Viva	1.4745	0	-0.5427	0	-0.0053	0	2.9022
NE+3.30	B798	271	Viva	2.2118	0	2.2347	0	-0.0053	0	2.2024
NE+3.30	B798	271	Viva	2.7	0	2.8305	0	-0.0053	0	0.9175
NE+3.30	B798	271	Viva	2.7	0	-3.5385	0	-0.0326	0	1.2352
NE+3.30	B798	271	Viva	2.9491	0	-3.3834	0	-0.0326	0	2.1038
NE+3.30	B798	271	Viva	3.6864	0	-1.1635	0	-0.0326	0	3.9287
NE+3.30	B798	271	Viva	4.4236	0	1.9146	0	-0.0326	0	3.6518
NE+3.30	B798	271	Viva	5.1609	0	4.1345	0	-0.0326	0	1.2731
NE+3.30	B798	271	Viva	5.41	0	4.2896	0	-0.0326	0	0.2175
NE+3.30	B798	271	Viva	5.41	0	-1.5946	0	-0.61	0	-0.2706
NE+3.30	B798	271	Viva	5.8982	0	-0.9988	0	-0.61	0	0.4109
NE+3.30	B798	271	Viva	6.6355	0	1.7786	0	-0.61	0	0.1995
NE+3.30	B798	271	Viva	7.3727	0	4.8328	0	-0.61	0	-2.2457
NE+3.30	B798	271	Viva	8.11	0	6.1918	0	-0.61	0	-6.4768
NE+3.30	B798	271	Psup	0	0	-6.7702	0	-0.2862	0	-2.9356
NE+3.30	B798	271	Psup	0.7373	0	-4.9503	0	-0.2862	0	1.6086
NE+3.30	B798	271	Psup	1.4745	0	-0.8601	0	-0.2862	0	3.7612
NE+3.30	B798	271	Psup	2.2118	0	2.8594	0	-0.2862	0	2.9223
NE+3.30	B798	271	Psup	2.7	0	3.6573	0	-0.2862	0	1.2667
NE+3.30	B798	271	Psup	2.7	0	-4.8913	0	-0.0025	0	1.4657
NE+3.30	B798	271	Psup	2.9491	0	-4.6835	0	-0.0025	0	2.6669
NE+3.30	B798	271	Psup	3.6864	0	-1.7107	0	-0.0025	0	5.2232
NE+3.30	B798	271	Psup	4.4236	0	2.4116	0	-0.0025	0	4.9648
NE+3.30	B798	271	Psup	5.1609	0	5.3844	0	-0.0025	0	1.8917
NE+3.30	B798	271	Psup	5.41	0	5.5922	0	-0.0025	0	0.516
NE+3.30	B798	271	Psup	5.41	0	-1.7615	0	-0.6748	0	0.0711
NE+3.30	B798	271	Psup	5.8982	0	-0.9636	0	-0.6748	0	0.8012
NE+3.30	B798	271	Psup	6.6355	0	2.7559	0	-0.6748	0	0.2424
NE+3.30	B798	271	Psup	7.3727	0	6.8461	0	-0.6748	0	-3.3079
NE+3.30	B798	271	Psup	8.11	0	8.666	0	-0.6748	0	-9.2499
NE+3.30	B798	271	Viva.cub	0	0	0.0329	0	0.012	0	0.032
NE+3.30	B798	271	Viva.cub	0.7373	0	0.0329	0	0.012	0	0.0078
NE+3.30	B798	271	Viva.cub	1.4745	0	0.0329	0	0.012	0	-0.0164
NE+3.30	B798	271	Viva.cub	2.2118	0	0.0329	0	0.012	0	-0.0407
NE+3.30	B798	271	Viva.cub	2.7	0	0.0329	0	0.012	0	-0.0567
NE+3.30	B798	271	Viva.cub	2.7	0	-0.0035	0	0.0003	0	-0.0466
NE+3.30	B798	271	Viva.cub	2.9491	0	-0.0035	0	0.0003	0	-0.0458
NE+3.30	B798	271	Viva.cub	3.6864	0	-0.0035	0	0.0003	0	-0.0432
NE+3.30	B798	271	Viva.cub	4.4236	0	-0.0035	0	0.0003	0	-0.0406
NE+3.30	B798	271	Viva.cub	5.1609	0	-0.0035	0	0.0003	0	-0.038
NE+3.30	B798	271	Viva.cub	5.41	0	-0.0035	0	0.0003	0	-0.0371
NE+3.30	B798	271	Viva.cub	5.41	0	-0.0472	0	-0.0061	0	-0.0466
NE+3.30	B798	271	Viva.cub	5.8982	0	-0.0472	0	-0.0061	0	-0.0236
NE+3.30	B798	271	Viva.cub	6.6355	0	-0.0472	0	-0.0061	0	0.0112

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B798	271	Viva.cub	7.3727	0	-0.0472	0	-0.0061	0	0.046
NE+3.30	B798	271	Viva.cub	8.11	0	-0.0472	0	-0.0061	0	0.0807
NE+3.30	B798	271	DISX-COMB Max	0	0	3.8984	0	3.1416	0	23.0526
NE+3.30	B798	271	DISX-COMB Max	0.7373	0	3.8984	0	3.1416	0	21.212
NE+3.30	B798	271	DISX-COMB Max	1.4745	0	3.8984	0	3.1416	0	19.6213
NE+3.30	B798	271	DISX-COMB Max	2.2118	0	3.8984	0	3.1416	0	18.3458
NE+3.30	B798	271	DISX-COMB Max	2.7	0	3.8984	0	3.1416	0	17.7085
NE+3.30	B798	271	DISX-COMB Max	2.7	0	4.8574	0	1.5358	0	12.7142
NE+3.30	B798	271	DISX-COMB Max	2.9491	0	4.8574	0	1.5358	0	11.5401
NE+3.30	B798	271	DISX-COMB Max	3.6864	0	4.8574	0	1.5358	0	8.1271
NE+3.30	B798	271	DISX-COMB Max	4.4236	0	4.8574	0	1.5358	0	4.9572
NE+3.30	B798	271	DISX-COMB Max	5.1609	0	4.8574	0	1.5358	0	2.9577
NE+3.30	B798	271	DISX-COMB Max	5.41	0	4.8574	0	1.5358	0	3.0329
NE+3.30	B798	271	DISX-COMB Max	5.41	0	7.5281	0	0.9898	0	3.794
NE+3.30	B798	271	DISX-COMB Max	5.8982	0	7.5281	0	0.9898	0	5.5811
NE+3.30	B798	271	DISX-COMB Max	6.6355	0	7.5281	0	0.9898	0	10.3756
NE+3.30	B798	271	DISX-COMB Max	7.3727	0	7.5281	0	0.9898	0	15.6771
NE+3.30	B798	271	DISX-COMB Max	8.11	0	7.5281	0	0.9898	0	21.1068
NE+3.30	B798	271	DISY-COMB Max	0	0	8.9549	0	3.5218	0	10.7352
NE+3.30	B798	271	DISY-COMB Max	0.7373	0	8.9549	0	3.5218	0	4.2154
NE+3.30	B798	271	DISY-COMB Max	1.4745	0	8.9549	0	3.5218	0	2.7333
NE+3.30	B798	271	DISY-COMB Max	2.2118	0	8.9549	0	3.5218	0	9.1842
NE+3.30	B798	271	DISY-COMB Max	2.7	0	8.9549	0	3.5218	0	13.5362
NE+3.30	B798	271	DISY-COMB Max	2.7	0	0.7413	0	0.178	0	10.6199
NE+3.30	B798	271	DISY-COMB Max	2.9491	0	0.7413	0	0.178	0	10.4444
NE+3.30	B798	271	DISY-COMB Max	3.6864	0	0.7413	0	0.178	0	9.9269
NE+3.30	B798	271	DISY-COMB Max	4.4236	0	0.7413	0	0.178	0	9.4126
NE+3.30	B798	271	DISY-COMB Max	5.1609	0	0.7413	0	0.178	0	8.9021
NE+3.30	B798	271	DISY-COMB Max	5.41	0	0.7413	0	0.178	0	8.7306
NE+3.30	B798	271	DISY-COMB Max	5.41	0	11.3791	0	1.801	0	11.5274
NE+3.30	B798	271	DISY-COMB Max	5.8982	0	11.3791	0	1.801	0	5.9844
NE+3.30	B798	271	DISY-COMB Max	6.6355	0	11.3791	0	1.801	0	2.4908
NE+3.30	B798	271	DISY-COMB Max	7.3727	0	11.3791	0	1.801	0	10.8334
NE+3.30	B798	271	DISY-COMB Max	8.11	0	11.3791	0	1.801	0	19.2168
NE+3.30	B798	271	B241	0	0	-14.4579	0	-0.7998	0	-6.2525
NE+3.30	B798	271	B241	0.7373	0	-9.8693	0	-0.7998	0	3.0053
NE+3.30	B798	271	B241	1.4745	0	-2.3376	0	-0.7998	0	7.5192
NE+3.30	B798	271	B241	2.2118	0	4.7134	0	-0.7998	0	6.5113
NE+3.30	B798	271	B241	2.7	0	7.224	0	-0.7998	0	3.5133
NE+3.30	B798	271	B241	2.7	0	-10.0794	0	-0.0378	0	3.68
NE+3.30	B798	271	B241	2.9491	0	-9.0568	0	-0.0378	0	6.0745
NE+3.30	B798	271	B241	3.6864	0	-2.9736	0	-0.0378	0	10.7676
NE+3.30	B798	271	B241	4.4236	0	4.5995	0	-0.0378	0	10.1682
NE+3.30	B798	271	B241	5.1609	0	10.6828	0	-0.0378	0	4.2763
NE+3.30	B798	271	B241	5.41	0	11.7053	0	-0.0378	0	1.4768

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B798	271	B241	5.41	0	-3.4224	0	-1.1347	0	0.8083
NE+3.30	B798	271	B241	5.8982	0	-0.9118	0	-1.1347	0	1.9504
NE+3.30	B798	271	B241	6.6355	0	6.1392	0	-1.1347	0	0.1555
NE+3.30	B798	271	B241	7.3727	0	13.6709	0	-1.1347	0	-7.1612
NE+3.30	B798	271	B241	8.11	0	18.2595	0	-1.1347	0	-19.2218
NE+3.30	B798	271	B242	0	0	-20.3054	0	-0.688	0	-8.4658
NE+3.30	B798	271	B242	0.7373	0	-14.198	0	-0.688	0	4.769
NE+3.30	B798	271	B242	1.4745	0	-2.8555	0	-0.688	0	11.0804
NE+3.30	B798	271	B242	2.2118	0	7.6321	0	-0.688	0	9.0846
NE+3.30	B798	271	B242	2.7	0	10.7373	0	-0.688	0	4.4511
NE+3.30	B798	271	B242	2.7	0	-14.3028	0	-0.0845	0	5.1073
NE+3.30	B798	271	B242	2.9491	0	-13.1782	0	-0.0845	0	8.5498
NE+3.30	B798	271	B242	3.6864	0	-4.4122	0	-0.0845	0	15.4937
NE+3.30	B798	271	B242	4.4236	0	7.0041	0	-0.0845	0	14.5382
NE+3.30	B798	271	B242	5.1609	0	15.7701	0	-0.0845	0	5.6835
NE+3.30	B798	271	B242	5.41	0	16.8947	0	-0.0845	0	1.5953
NE+3.30	B798	271	B242	5.41	0	-5.5085	0	-1.9517	0	0.2365
NE+3.30	B798	271	B242	5.8982	0	-2.4033	0	-1.9517	0	2.3174
NE+3.30	B798	271	B242	6.6355	0	8.0844	0	-1.9517	0	0.4581
NE+3.30	B798	271	B242	7.3727	0	19.4269	0	-1.9517	0	-9.7083
NE+3.30	B798	271	B242	8.11	0	25.5343	0	-1.9517	0	-26.7983
NE+3.30	B799	275	Pprop	0	0	-5.4402	0	0.2228	0	-5.5849
NE+3.30	B799	275	Pprop	0.7509	0	-3.6885	0	0.2228	0	-2.1575
NE+3.30	B799	275	Pprop	1.5018	0	-1.9368	0	0.2228	0	-0.0455
NE+3.30	B799	275	Pprop	2.2527	0	-0.185	0	0.2228	0	0.7512
NE+3.30	B799	275	Pprop	2.75	0	0.975	0	0.2228	0	0.5548
NE+3.30	B799	275	Pprop	2.75	0	-3.2048	0	-0.0047	0	0.6756
NE+3.30	B799	275	Pprop	3.0036	0	-2.6131	0	-0.0047	0	1.4134
NE+3.30	B799	275	Pprop	3.7545	0	-0.8614	0	-0.0047	0	2.7179
NE+3.30	B799	275	Pprop	4.5055	0	0.8903	0	-0.0047	0	2.707
NE+3.30	B799	275	Pprop	5.2564	0	2.642	0	-0.0047	0	1.3808
NE+3.30	B799	275	Pprop	5.51	0	3.2337	0	-0.0047	0	0.6356
NE+3.30	B799	275	Pprop	5.51	0	-1.0181	0	-0.2033	0	0.5198
NE+3.30	B799	275	Pprop	6.0073	0	0.1419	0	-0.2033	0	0.7377
NE+3.30	B799	275	Pprop	6.7582	0	1.8936	0	-0.2033	0	-0.0266
NE+3.30	B799	275	Pprop	7.5091	0	3.6453	0	-0.2033	0	-2.1062
NE+3.30	B799	275	Pprop	8.26	0	5.3971	0	-0.2033	0	-5.5012
NE+3.30	B799	275	Viva	0	0	-6.2021	0	0.6552	0	-6.4744
NE+3.30	B799	275	Viva	0.7509	0	-4.7925	0	0.6552	0	-2.17
NE+3.30	B799	275	Viva	1.5018	0	-1.6751	0	0.6552	0	0.2644
NE+3.30	B799	275	Viva	2.2527	0	1.1748	0	0.6552	0	0.3773
NE+3.30	B799	275	Viva	2.75	0	1.793	0	0.6552	0	-0.4119
NE+3.30	B799	275	Viva	2.75	0	-4.0076	0	-0.0139	0	0.1617
NE+3.30	B799	275	Viva	3.0036	0	-3.8468	0	-0.0139	0	1.1646
NE+3.30	B799	275	Viva	3.7545	0	-1.5567	0	-0.0139	0	3.3469

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B799	275	Viva	4.5055	0	1.5784	0	-0.0139	0	3.3387
NE+3.30	B799	275	Viva	5.2564	0	3.8685	0	-0.0139	0	1.1402
NE+3.30	B799	275	Viva	5.51	0	4.0293	0	-0.0139	0	0.1318
NE+3.30	B799	275	Viva	5.51	0	-1.9055	0	-0.6305	0	-0.4462
NE+3.30	B799	275	Viva	6.0073	0	-1.2873	0	-0.6305	0	0.3989
NE+3.30	B799	275	Viva	6.7582	0	1.5626	0	-0.6305	0	0.3705
NE+3.30	B799	275	Viva	7.5091	0	4.68	0	-0.6305	0	-1.9795
NE+3.30	B799	275	Viva	8.26	0	6.0896	0	-0.6305	0	-6.1994
NE+3.30	B799	275	Psup	0	0	-8.8018	0	0.7031	0	-9.3551
NE+3.30	B799	275	Psup	0.7509	0	-6.914	0	0.7031	0	-3.2182
NE+3.30	B799	275	Psup	1.5018	0	-2.7392	0	0.7031	0	0.4144
NE+3.30	B799	275	Psup	2.2527	0	1.0773	0	0.7031	0	0.9379
NE+3.30	B799	275	Psup	2.75	0	1.9052	0	0.7031	0	0.1277
NE+3.30	B799	275	Psup	2.75	0	-5.312	0	-0.0147	0	0.7133
NE+3.30	B799	275	Psup	3.0036	0	-5.0966	0	-0.0147	0	2.0424
NE+3.30	B799	275	Psup	3.7545	0	-2.0297	0	-0.0147	0	4.9236
NE+3.30	B799	275	Psup	4.5055	0	2.1687	0	-0.0147	0	4.8714
NE+3.30	B799	275	Psup	5.2564	0	5.2356	0	-0.0147	0	1.8858
NE+3.30	B799	275	Psup	5.51	0	5.451	0	-0.0147	0	0.5215
NE+3.30	B799	275	Psup	5.51	0	-2.0145	0	-0.6496	0	-0.0389
NE+3.30	B799	275	Psup	6.0073	0	-1.1866	0	-0.6496	0	0.8257
NE+3.30	B799	275	Psup	6.7582	0	2.6299	0	-0.6496	0	0.3842
NE+3.30	B799	275	Psup	7.5091	0	6.8047	0	-0.6496	0	-3.1664
NE+3.30	B799	275	Psup	8.26	0	8.6925	0	-0.6496	0	-9.2211
NE+3.30	B799	275	Viva.cub	0	0	0.0425	0	0.0052	0	0.0767
NE+3.30	B799	275	Viva.cub	0.7509	0	0.0425	0	0.0052	0	0.0448
NE+3.30	B799	275	Viva.cub	1.5018	0	0.0425	0	0.0052	0	0.0128
NE+3.30	B799	275	Viva.cub	2.2527	0	0.0425	0	0.0052	0	-0.0191
NE+3.30	B799	275	Viva.cub	2.75	0	0.0425	0	0.0052	0	-0.0402
NE+3.30	B799	275	Viva.cub	2.75	0	0.0001	0	-0.0002	0	-0.0312
NE+3.30	B799	275	Viva.cub	3.0036	0	0.0001	0	-0.0002	0	-0.0312
NE+3.30	B799	275	Viva.cub	3.7545	0	0.0001	0	-0.0002	0	-0.0313
NE+3.30	B799	275	Viva.cub	4.5055	0	0.0001	0	-0.0002	0	-0.0314
NE+3.30	B799	275	Viva.cub	5.2564	0	0.0001	0	-0.0002	0	-0.0314
NE+3.30	B799	275	Viva.cub	5.51	0	0.0001	0	-0.0002	0	-0.0315
NE+3.30	B799	275	Viva.cub	5.51	0	-0.0416	0	-0.006	0	-0.0405
NE+3.30	B799	275	Viva.cub	6.0073	0	-0.0416	0	-0.006	0	-0.0199
NE+3.30	B799	275	Viva.cub	6.7582	0	-0.0416	0	-0.006	0	0.0114
NE+3.30	B799	275	Viva.cub	7.5091	0	-0.0416	0	-0.006	0	0.0426
NE+3.30	B799	275	Viva.cub	8.26	0	-0.0416	0	-0.006	0	0.0738
NE+3.30	B799	275	DISX-COMB Max	0	0	2.79	0	0.812	0	7.3432
NE+3.30	B799	275	DISX-COMB Max	0.7509	0	2.79	0	0.812	0	6.8175
NE+3.30	B799	275	DISX-COMB Max	1.5018	0	2.79	0	0.812	0	6.9146
NE+3.30	B799	275	DISX-COMB Max	2.2527	0	2.79	0	0.812	0	7.6108
NE+3.30	B799	275	DISX-COMB Max	2.75	0	2.79	0	0.812	0	8.3338

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B799	275	DISX-COMB Max	2.75	0	2.4254	0	1.5271	0	5.0871
NE+3.30	B799	275	DISX-COMB Max	3.0036	0	2.4254	0	1.5271	0	4.5008
NE+3.30	B799	275	DISX-COMB Max	3.7545	0	2.4254	0	1.5271	0	2.8376
NE+3.30	B799	275	DISX-COMB Max	4.5055	0	2.4254	0	1.5271	0	1.5751
NE+3.30	B799	275	DISX-COMB Max	5.2564	0	2.4254	0	1.5271	0	1.8823
NE+3.30	B799	275	DISX-COMB Max	5.51	0	2.4254	0	1.5271	0	2.324
NE+3.30	B799	275	DISX-COMB Max	5.51	0	4.0382	0	0.2554	0	4.105
NE+3.30	B799	275	DISX-COMB Max	6.0073	0	4.0382	0	0.2554	0	5.841
NE+3.30	B799	275	DISX-COMB Max	6.7582	0	4.0382	0	0.2554	0	8.6877
NE+3.30	B799	275	DISX-COMB Max	7.5091	0	4.0382	0	0.2554	0	11.6286
NE+3.30	B799	275	DISX-COMB Max	8.26	0	4.0382	0	0.2554	0	14.6069
NE+3.30	B799	275	DISY-COMB Max	0	0	11.2729	0	1.859	0	20.5501
NE+3.30	B799	275	DISY-COMB Max	0.7509	0	11.2729	0	1.859	0	12.0889
NE+3.30	B799	275	DISY-COMB Max	1.5018	0	11.2729	0	1.859	0	3.6451
NE+3.30	B799	275	DISY-COMB Max	2.2527	0	11.2729	0	1.859	0	4.8727
NE+3.30	B799	275	DISY-COMB Max	2.75	0	11.2729	0	1.859	0	10.4663
NE+3.30	B799	275	DISY-COMB Max	2.75	0	0.3369	0	0.1411	0	7.8148
NE+3.30	B799	275	DISY-COMB Max	3.0036	0	0.3369	0	0.1411	0	7.8876
NE+3.30	B799	275	DISY-COMB Max	3.7545	0	0.3369	0	0.1411	0	8.1045
NE+3.30	B799	275	DISY-COMB Max	4.5055	0	0.3369	0	0.1411	0	8.3234
NE+3.30	B799	275	DISY-COMB Max	5.2564	0	0.3369	0	0.1411	0	8.5443
NE+3.30	B799	275	DISY-COMB Max	5.51	0	0.3369	0	0.1411	0	8.6193
NE+3.30	B799	275	DISY-COMB Max	5.51	0	10.7014	0	1.5623	0	11.1853
NE+3.30	B799	275	DISY-COMB Max	6.0073	0	10.7014	0	1.5623	0	5.8749
NE+3.30	B799	275	DISY-COMB Max	6.7582	0	10.7014	0	1.5623	0	2.246
NE+3.30	B799	275	DISY-COMB Max	7.5091	0	10.7014	0	1.5623	0	10.2333
NE+3.30	B799	275	DISY-COMB Max	8.26	0	10.7014	0	1.5623	0	18.2632
NE+3.30	B799	275	B241	0	0	-18.4619	0	1.2001	0	-19.3666
NE+3.30	B799	275	B241	0.7509	0	-13.744	0	1.2001	0	-6.9685
NE+3.30	B799	275	B241	1.5018	0	-6.0615	0	1.2001	0	0.4782
NE+3.30	B799	275	B241	2.2527	0	1.1567	0	1.2001	0	2.1896
NE+3.30	B799	275	B241	2.75	0	3.7336	0	1.2001	0	0.8847
NE+3.30	B799	275	B241	2.75	0	-11.0403	0	-0.0251	0	1.8003
NE+3.30	B799	275	B241	3.0036	0	-9.9941	0	-0.0251	0	4.4797
NE+3.30	B799	275	B241	3.7545	0	-3.7478	0	-0.0251	0	9.9056
NE+3.30	B799	275	B241	4.5055	0	3.9654	0	-0.0251	0	9.8239
NE+3.30	B799	275	B241	5.2564	0	10.2118	0	-0.0251	0	4.2345
NE+3.30	B799	275	B241	5.51	0	11.2579	0	-0.0251	0	1.5
NE+3.30	B799	275	B241	5.51	0	-3.9312	0	-1.1056	0	0.6235
NE+3.30	B799	275	B241	6.0073	0	-1.3543	0	-1.1056	0	2.0266
NE+3.30	B799	275	B241	6.7582	0	5.8639	0	-1.1056	0	0.4635
NE+3.30	B799	275	B241	7.5091	0	13.5464	0	-1.1056	0	-6.8348
NE+3.30	B799	275	B241	8.26	0	18.2643	0	-1.1056	0	-19.0845
NE+3.30	B799	275	B242	0	0	-25.7267	0	2.0797	0	-26.9207
NE+3.30	B799	275	B242	0.7509	0	-19.4273	0	2.0797	0	-9.4227

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B799	275	B242	1.5018	0	-7.8545	0	2.0797	0	0.8393
NE+3.30	B799	275	B242	2.2527	0	2.8923	0	2.0797	0	2.4709
NE+3.30	B799	275	B242	2.75	0	6.0903	0	2.0797	0	0.0793
NE+3.30	B799	275	B242	2.75	0	-15.8752	0	-0.0438	0	1.7863
NE+3.30	B799	275	B242	3.0036	0	-14.7211	0	-0.0438	0	5.6875
NE+3.30	B799	275	B242	3.7545	0	-5.703	0	-0.0438	0	13.8298
NE+3.30	B799	275	B242	4.5055	0	5.9244	0	-0.0438	0	13.7467
NE+3.30	B799	275	B242	5.2564	0	14.9425	0	-0.0438	0	5.4381
NE+3.30	B799	275	B242	5.51	0	16.0966	0	-0.0438	0	1.4808
NE+3.30	B799	275	B242	5.51	0	-6.4392	0	-1.9594	0	-0.1998
NE+3.30	B799	275	B242	6.0073	0	-3.2413	0	-1.9594	0	2.3654
NE+3.30	B799	275	B242	6.7582	0	7.5056	0	-1.9594	0	0.9958
NE+3.30	B799	275	B242	7.5091	0	19.0784	0	-1.9594	0	-9.0043
NE+3.30	B799	275	B242	8.26	0	25.3778	0	-1.9594	0	-26.2403
NE+3.30	B800	292	Pprop	0	0	-5.3487	0	0.2308	0	-5.448
NE+3.30	B800	292	Pprop	0.7273	0	-3.6521	0	0.2308	0	-2.175
NE+3.30	B800	292	Pprop	1.4545	0	-1.9555	0	0.2308	0	-0.1359
NE+3.30	B800	292	Pprop	2.1818	0	-0.2589	0	0.2308	0	0.6694
NE+3.30	B800	292	Pprop	2.665	0	0.8682	0	0.2308	0	0.5222
NE+3.30	B800	292	Pprop	2.665	0	-3.138	0	-0.0018	0	0.6365
NE+3.30	B800	292	Pprop	2.9091	0	-2.5686	0	-0.0018	0	1.333
NE+3.30	B800	292	Pprop	3.6364	0	-0.872	0	-0.0018	0	2.5841
NE+3.30	B800	292	Pprop	4.3636	0	0.8246	0	-0.0018	0	2.6013
NE+3.30	B800	292	Pprop	5.0909	0	2.5212	0	-0.0018	0	1.3847
NE+3.30	B800	292	Pprop	5.335	0	3.0906	0	-0.0018	0	0.6998
NE+3.30	B800	292	Pprop	5.335	0	-1.0056	0	-0.1722	0	0.5916
NE+3.30	B800	292	Pprop	5.8182	0	0.1216	0	-0.1722	0	0.8052
NE+3.30	B800	292	Pprop	6.5455	0	1.8182	0	-0.1722	0	0.0998
NE+3.30	B800	292	Pprop	7.2727	0	3.5148	0	-0.1722	0	-1.8395
NE+3.30	B800	292	Pprop	8	0	5.2113	0	-0.1722	0	-5.0126
NE+3.30	B800	292	Viva	0	0	-5.9839	0	0.6306	0	-6.1605
NE+3.30	B800	292	Viva	0.7273	0	-4.6616	0	0.6306	0	-2.1291
NE+3.30	B800	292	Viva	1.4545	0	-1.6543	0	0.6306	0	0.1771
NE+3.30	B800	292	Viva	2.1818	0	1.0727	0	0.6306	0	0.3123
NE+3.30	B800	292	Viva	2.665	0	1.6563	0	0.6306	0	-0.394
NE+3.30	B800	292	Viva	2.665	0	-3.8561	0	-0.0125	0	0.1436
NE+3.30	B800	292	Viva	2.9091	0	-3.7071	0	-0.0125	0	1.0727
NE+3.30	B800	292	Viva	3.6364	0	-1.5437	0	-0.0125	0	3.1275
NE+3.30	B800	292	Viva	4.3636	0	1.4927	0	-0.0125	0	3.1461
NE+3.30	B800	292	Viva	5.0909	0	3.6561	0	-0.0125	0	1.1283
NE+3.30	B800	292	Viva	5.335	0	3.8051	0	-0.0125	0	0.2116
NE+3.30	B800	292	Viva	5.335	0	-1.8832	0	-0.5595	0	-0.3311
NE+3.30	B800	292	Viva	5.8182	0	-1.2996	0	-0.5595	0	0.4848
NE+3.30	B800	292	Viva	6.5455	0	1.4274	0	-0.5595	0	0.5146
NE+3.30	B800	292	Viva	7.2727	0	4.4347	0	-0.5595	0	-1.6266

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B800	292	Viva	8	0	5.757	0	-0.5595	0	-5.493
NE+3.30	B800	292	Psup	0	0	-8.4885	0	0.7053	0	-9.0705
NE+3.30	B800	292	Psup	0.7273	0	-6.7177	0	0.7053	0	-3.3263
NE+3.30	B800	292	Psup	1.4545	0	-2.6902	0	0.7053	0	0.1075
NE+3.30	B800	292	Psup	2.1818	0	0.9617	0	0.7053	0	0.634
NE+3.30	B800	292	Psup	2.665	0	1.7433	0	0.7053	0	-0.0825
NE+3.30	B800	292	Psup	2.665	0	-5.1843	0	-0.0002	0	0.4579
NE+3.30	B800	292	Psup	2.9091	0	-4.9848	0	-0.0002	0	1.7071
NE+3.30	B800	292	Psup	3.6364	0	-2.0875	0	-0.0002	0	4.4737
NE+3.30	B800	292	Psup	4.3636	0	1.9788	0	-0.0002	0	4.5132
NE+3.30	B800	292	Psup	5.0909	0	4.876	0	-0.0002	0	1.8257
NE+3.30	B800	292	Psup	5.335	0	5.0755	0	-0.0002	0	0.603
NE+3.30	B800	292	Psup	5.335	0	-2.0674	0	-0.5481	0	0.0887
NE+3.30	B800	292	Psup	5.8182	0	-1.2858	0	-0.5481	0	0.9618
NE+3.30	B800	292	Psup	6.5455	0	2.3661	0	-0.5481	0	0.6711
NE+3.30	B800	292	Psup	7.2727	0	6.3935	0	-0.5481	0	-2.527
NE+3.30	B800	292	Psup	8	0	8.1644	0	-0.5481	0	-8.0354
NE+3.30	B800	292	Viva.cub	0	0	0.0424	0	0.0056	0	0.0721
NE+3.30	B800	292	Viva.cub	0.7273	0	0.0424	0	0.0056	0	0.0413
NE+3.30	B800	292	Viva.cub	1.4545	0	0.0424	0	0.0056	0	0.0105
NE+3.30	B800	292	Viva.cub	2.1818	0	0.0424	0	0.0056	0	-0.0204
NE+3.30	B800	292	Viva.cub	2.665	0	0.0424	0	0.0056	0	-0.0409
NE+3.30	B800	292	Viva.cub	2.665	0	-0.0003	0	0.0002	0	-0.0317
NE+3.30	B800	292	Viva.cub	2.9091	0	-0.0003	0	0.0002	0	-0.0316
NE+3.30	B800	292	Viva.cub	3.6364	0	-0.0003	0	0.0002	0	-0.0314
NE+3.30	B800	292	Viva.cub	4.3636	0	-0.0003	0	0.0002	0	-0.0312
NE+3.30	B800	292	Viva.cub	5.0909	0	-0.0003	0	0.0002	0	-0.0309
NE+3.30	B800	292	Viva.cub	5.335	0	-0.0003	0	0.0002	0	-0.0309
NE+3.30	B800	292	Viva.cub	5.335	0	-0.043	0	-0.005	0	-0.0395
NE+3.30	B800	292	Viva.cub	5.8182	0	-0.043	0	-0.005	0	-0.0187
NE+3.30	B800	292	Viva.cub	6.5455	0	-0.043	0	-0.005	0	0.0125
NE+3.30	B800	292	Viva.cub	7.2727	0	-0.043	0	-0.005	0	0.0438
NE+3.30	B800	292	Viva.cub	8	0	-0.043	0	-0.005	0	0.075
NE+3.30	B800	292	DISX-COMB Max	0	0	1.8299	0	0.4362	0	10.9885
NE+3.30	B800	292	DISX-COMB Max	0.7273	0	1.8299	0	0.4362	0	9.7449
NE+3.30	B800	292	DISX-COMB Max	1.4545	0	1.8299	0	0.4362	0	8.5276
NE+3.30	B800	292	DISX-COMB Max	2.1818	0	1.8299	0	0.4362	0	7.3499
NE+3.30	B800	292	DISX-COMB Max	2.665	0	1.8299	0	0.4362	0	6.5997
NE+3.30	B800	292	DISX-COMB Max	2.665	0	2.9544	0	1.5859	0	3.9563
NE+3.30	B800	292	DISX-COMB Max	2.9091	0	2.9544	0	1.5859	0	3.2398
NE+3.30	B800	292	DISX-COMB Max	3.6364	0	2.9544	0	1.5859	0	1.1394
NE+3.30	B800	292	DISX-COMB Max	4.3636	0	2.9544	0	1.5859	0	1.1548
NE+3.30	B800	292	DISX-COMB Max	5.0909	0	2.9544	0	1.5859	0	3.2561
NE+3.30	B800	292	DISX-COMB Max	5.335	0	2.9544	0	1.5859	0	3.9727
NE+3.30	B800	292	DISX-COMB Max	5.335	0	1.7679	0	0.4383	0	6.5163

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B800	292	DISX-COMB Max	5.8182	0	1.7679	0	0.4383	0	7.1742
NE+3.30	B800	292	DISX-COMB Max	6.5455	0	1.7679	0	0.4383	0	8.2326
NE+3.30	B800	292	DISX-COMB Max	7.2727	0	1.7679	0	0.4383	0	9.3483
NE+3.30	B800	292	DISX-COMB Max	8	0	1.7679	0	0.4383	0	10.5029
NE+3.30	B800	292	DISY-COMB Max	0	0	11.4173	0	1.7519	0	19.9486
NE+3.30	B800	292	DISY-COMB Max	0.7273	0	11.4173	0	1.7519	0	11.6501
NE+3.30	B800	292	DISY-COMB Max	1.4545	0	11.4173	0	1.7519	0	3.3763
NE+3.30	B800	292	DISY-COMB Max	2.1818	0	11.4173	0	1.7519	0	4.9969
NE+3.30	B800	292	DISY-COMB Max	2.665	0	11.4173	0	1.7519	0	10.4988
NE+3.30	B800	292	DISY-COMB Max	2.665	0	0.2305	0	0.1798	0	7.9678
NE+3.30	B800	292	DISY-COMB Max	2.9091	0	0.2305	0	0.1798	0	7.9974
NE+3.30	B800	292	DISY-COMB Max	3.6364	0	0.2305	0	0.1798	0	8.0874
NE+3.30	B800	292	DISY-COMB Max	4.3636	0	0.2305	0	0.1798	0	8.1798
NE+3.30	B800	292	DISY-COMB Max	5.0909	0	0.2305	0	0.1798	0	8.2746
NE+3.30	B800	292	DISY-COMB Max	5.335	0	0.2305	0	0.1798	0	8.3069
NE+3.30	B800	292	DISY-COMB Max	5.335	0	10.7333	0	1.3465	0	10.7256
NE+3.30	B800	292	DISY-COMB Max	5.8182	0	10.7333	0	1.3465	0	5.5523
NE+3.30	B800	292	DISY-COMB Max	6.5455	0	10.7333	0	1.3465	0	2.3438
NE+3.30	B800	292	DISY-COMB Max	7.2727	0	10.7333	0	1.3465	0	10.1009
NE+3.30	B800	292	DISY-COMB Max	8	0	10.7333	0	1.3465	0	17.9005
NE+3.30	B800	292	B241	0	0	-17.9371	0	1.2135	0	-18.8203
NE+3.30	B800	292	B241	0.7273	0	-13.4423	0	1.2135	0	-7.1313
NE+3.30	B800	292	B241	1.4545	0	-6.0223	0	1.2135	0	-0.0368
NE+3.30	B800	292	B241	2.1818	0	0.9109	0	1.2135	0	1.6895
NE+3.30	B800	292	B241	2.665	0	3.3853	0	1.2135	0	0.57
NE+3.30	B800	292	B241	2.665	0	-10.7881	0	-0.0026	0	1.4186
NE+3.30	B800	292	B241	2.9091	0	-9.7914	0	-0.0026	0	3.9408
NE+3.30	B800	292	B241	3.6364	0	-3.8364	0	-0.0026	0	9.1489
NE+3.30	B800	292	B241	4.3636	0	3.634	0	-0.0026	0	9.2226
NE+3.30	B800	292	B241	5.0909	0	9.589	0	-0.0026	0	4.1616
NE+3.30	B800	292	B241	5.335	0	10.5857	0	-0.0026	0	1.6889
NE+3.30	B800	292	B241	5.335	0	-3.9835	0	-0.9337	0	0.8819
NE+3.30	B800	292	B241	5.8182	0	-1.5092	0	-0.9337	0	2.2905
NE+3.30	B800	292	B241	6.5455	0	5.4241	0	-0.9337	0	0.9992
NE+3.30	B800	292	B241	7.2727	0	12.8441	0	-0.9337	0	-5.6602
NE+3.30	B800	292	B241	8	0	17.3389	0	-0.9337	0	-16.9141
NE+3.30	B800	292	B242	0	0	-24.9278	0	2.0519	0	-25.9524
NE+3.30	B800	292	B242	0.7273	0	-18.9594	0	2.0519	0	-9.4985
NE+3.30	B800	292	B242	1.4545	0	-7.7876	0	2.0519	0	0.257
NE+3.30	B800	292	B242	2.1818	0	2.5182	0	2.0519	0	1.9377
NE+3.30	B800	292	B242	2.665	0	5.573	0	2.0519	0	-0.1622
NE+3.30	B800	292	B242	2.665	0	-15.4168	0	-0.0221	0	1.4298
NE+3.30	B800	292	B242	2.9091	0	-14.3242	0	-0.0221	0	5.0783
NE+3.30	B800	292	B242	3.6364	0	-5.7584	0	-0.0221	0	12.8303
NE+3.30	B800	292	B242	4.3636	0	5.503	0	-0.0221	0	12.9232

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B800	292	B242	5.0909	0	14.0687	0	-0.0221	0	5.3569
NE+3.30	B800	292	B242	5.335	0	15.1614	0	-0.0221	0	1.7708
NE+3.30	B800	292	B242	5.335	0	-6.4491	0	-1.6981	0	0.2064
NE+3.30	B800	292	B242	5.8182	0	-3.3943	0	-1.6981	0	2.7296
NE+3.30	B800	292	B242	6.5455	0	6.9115	0	-1.6981	0	1.6861
NE+3.30	B800	292	B242	7.2727	0	18.0833	0	-1.6981	0	-7.4323
NE+3.30	B800	292	B242	8	0	24.0517	0	-1.6981	0	-23.249
NE+3.30	B801	296	Pprop	0	0	-5.0382	0	0.3302	0	-4.8228
NE+3.30	B801	296	Pprop	0.6173	0	-3.5983	0	0.3302	0	-2.1572
NE+3.30	B801	296	Pprop	1.2345	0	-2.1583	0	0.3302	0	-0.3806
NE+3.30	B801	296	Pprop	1.8518	0	-0.7183	0	0.3302	0	0.5073
NE+3.30	B801	296	Pprop	2.26	0	0.2339	0	0.3302	0	0.6061
NE+3.30	B801	296	Pprop	2.26	0	-2.6731	0	0.0194	0	0.7827
NE+3.30	B801	296	Pprop	2.4691	0	-2.1853	0	0.0194	0	1.2906
NE+3.30	B801	296	Pprop	3.0864	0	-0.7453	0	0.0194	0	2.1951
NE+3.30	B801	296	Pprop	3.7036	0	0.6946	0	0.0194	0	2.2107
NE+3.30	B801	296	Pprop	4.3209	0	2.1346	0	0.0194	0	1.3375
NE+3.30	B801	296	Pprop	4.53	0	2.6224	0	0.0194	0	0.8402
NE+3.30	B801	296	Pprop	4.53	0	-0.2186	0	-0.2746	0	0.6859
NE+3.30	B801	296	Pprop	4.9382	0	0.7336	0	-0.2746	0	0.5808
NE+3.30	B801	296	Pprop	5.5555	0	2.1736	0	-0.2746	0	-0.3165
NE+3.30	B801	296	Pprop	6.1727	0	3.6135	0	-0.2746	0	-2.1026
NE+3.30	B801	296	Pprop	6.79	0	5.0535	0	-0.2746	0	-4.7775
NE+3.30	B801	296	Viva	0	0	-5.332	0	0.6418	0	-5.3164
NE+3.30	B801	296	Viva	0.6173	0	-4.3794	0	0.6418	0	-2.2211
NE+3.30	B801	296	Viva	1.2345	0	-1.9208	0	0.6418	0	-0.2487
NE+3.30	B801	296	Viva	1.8518	0	0.2009	0	0.6418	0	0.2064
NE+3.30	B801	296	Viva	2.26	0	0.6174	0	0.6418	0	0.0111
NE+3.30	B801	296	Viva	2.26	0	-2.9796	0	0.0176	0	0.5372
NE+3.30	B801	296	Viva	2.4691	0	-2.8703	0	0.0176	0	1.1526
NE+3.30	B801	296	Viva	3.0864	0	-1.2724	0	0.0176	0	2.5292
NE+3.30	B801	296	Viva	3.7036	0	1.3043	0	0.0176	0	2.5193
NE+3.30	B801	296	Viva	4.3209	0	2.9022	0	0.0176	0	1.123
NE+3.30	B801	296	Viva	4.53	0	3.0115	0	0.0176	0	0.501
NE+3.30	B801	296	Viva	4.53	0	-0.4275	0	-0.6487	0	-0.0229
NE+3.30	B801	296	Viva	4.9382	0	-0.011	0	-0.6487	0	0.0949
NE+3.30	B801	296	Viva	5.5555	0	2.1107	0	-0.6487	0	-0.4773
NE+3.30	B801	296	Viva	6.1727	0	4.5693	0	-0.6487	0	-2.567
NE+3.30	B801	296	Viva	6.79	0	5.5219	0	-0.6487	0	-5.7795
NE+3.30	B801	296	Psup	0	0	-7.4498	0	0.8103	0	-7.6223
NE+3.30	B801	296	Psup	0.6173	0	-6.1741	0	0.8103	0	-3.2862
NE+3.30	B801	296	Psup	1.2345	0	-2.8816	0	0.8103	0	-0.4538
NE+3.30	B801	296	Psup	1.8518	0	-0.0402	0	0.8103	0	0.3465
NE+3.30	B801	296	Psup	2.26	0	0.5176	0	0.8103	0	0.2112
NE+3.30	B801	296	Psup	2.26	0	-4.0154	0	0.0368	0	0.8164

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B801	296	Psup	2.4691	0	-3.869	0	0.0368	0	1.6458
NE+3.30	B801	296	Psup	3.0864	0	-1.7291	0	0.0368	0	3.5048
NE+3.30	B801	296	Psup	3.7036	0	1.7217	0	0.0368	0	3.5071
NE+3.30	B801	296	Psup	4.3209	0	3.8616	0	0.0368	0	1.6527
NE+3.30	B801	296	Psup	4.53	0	4.0079	0	0.0368	0	0.8248
NE+3.30	B801	296	Psup	4.53	0	-0.3335	0	-0.7645	0	0.2552
NE+3.30	B801	296	Psup	4.9382	0	0.2243	0	-0.7645	0	0.3154
NE+3.30	B801	296	Psup	5.5555	0	3.0657	0	-0.7645	0	-0.5985
NE+3.30	B801	296	Psup	6.1727	0	6.3582	0	-0.7645	0	-3.5445
NE+3.30	B801	296	Psup	6.79	0	7.6339	0	-0.7645	0	-7.9942
NE+3.30	B801	296	Viva.cub	0	0	0.0528	0	0.0041	0	0.0754
NE+3.30	B801	296	Viva.cub	0.6173	0	0.0528	0	0.0041	0	0.0428
NE+3.30	B801	296	Viva.cub	1.2345	0	0.0528	0	0.0041	0	0.0102
NE+3.30	B801	296	Viva.cub	1.8518	0	0.0528	0	0.0041	0	-0.0225
NE+3.30	B801	296	Viva.cub	2.26	0	0.0528	0	0.0041	0	-0.044
NE+3.30	B801	296	Viva.cub	2.26	0	0.0002	0	0.0005	0	-0.0349
NE+3.30	B801	296	Viva.cub	2.4691	0	0.0002	0	0.0005	0	-0.0349
NE+3.30	B801	296	Viva.cub	3.0864	0	0.0002	0	0.0005	0	-0.035
NE+3.30	B801	296	Viva.cub	3.7036	0	0.0002	0	0.0005	0	-0.0351
NE+3.30	B801	296	Viva.cub	4.3209	0	0.0002	0	0.0005	0	-0.0352
NE+3.30	B801	296	Viva.cub	4.53	0	0.0002	0	0.0005	0	-0.0353
NE+3.30	B801	296	Viva.cub	4.53	0	-0.0523	0	-0.0033	0	-0.0434
NE+3.30	B801	296	Viva.cub	4.9382	0	-0.0523	0	-0.0033	0	-0.022
NE+3.30	B801	296	Viva.cub	5.5555	0	-0.0523	0	-0.0033	0	0.0102
NE+3.30	B801	296	Viva.cub	6.1727	0	-0.0523	0	-0.0033	0	0.0425
NE+3.30	B801	296	Viva.cub	6.79	0	-0.0523	0	-0.0033	0	0.0748
NE+3.30	B801	296	DISX-COMB Max	0	0	4.4112	0	0.3424	0	15.2911
NE+3.30	B801	296	DISX-COMB Max	0.6173	0	4.4112	0	0.3424	0	12.6682
NE+3.30	B801	296	DISX-COMB Max	1.2345	0	4.4112	0	0.3424	0	10.0983
NE+3.30	B801	296	DISX-COMB Max	1.8518	0	4.4112	0	0.3424	0	7.6352
NE+3.30	B801	296	DISX-COMB Max	2.26	0	4.4112	0	0.3424	0	6.1285
NE+3.30	B801	296	DISX-COMB Max	2.26	0	4.5066	0	1.9198	0	4.0303
NE+3.30	B801	296	DISX-COMB Max	2.4691	0	4.5066	0	1.9198	0	3.1818
NE+3.30	B801	296	DISX-COMB Max	3.0864	0	4.5066	0	1.9198	0	1.5551
NE+3.30	B801	296	DISX-COMB Max	3.7036	0	4.5066	0	1.9198	0	3.1921
NE+3.30	B801	296	DISX-COMB Max	4.3209	0	4.5066	0	1.9198	0	5.7825
NE+3.30	B801	296	DISX-COMB Max	4.53	0	4.5066	0	1.9198	0	6.6948
NE+3.30	B801	296	DISX-COMB Max	4.53	0	3.4923	0	0.5506	0	9.8763
NE+3.30	B801	296	DISX-COMB Max	4.9382	0	3.4923	0	0.5506	0	9.1233
NE+3.30	B801	296	DISX-COMB Max	5.5555	0	3.4923	0	0.5506	0	8.3257
NE+3.30	B801	296	DISX-COMB Max	6.1727	0	3.4923	0	0.5506	0	8.0432
NE+3.30	B801	296	DISX-COMB Max	6.79	0	3.4923	0	0.5506	0	8.3285
NE+3.30	B801	296	DISY-COMB Max	0	0	13.3328	0	1.3665	0	19.8435
NE+3.30	B801	296	DISY-COMB Max	0.6173	0	13.3328	0	1.3665	0	11.6205
NE+3.30	B801	296	DISY-COMB Max	1.2345	0	13.3328	0	1.3665	0	3.4312

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B801	296	DISY-COMB Max	1.8518	0	13.3328	0	1.3665	0	4.8966
NE+3.30	B801	296	DISY-COMB Max	2.26	0	13.3328	0	1.3665	0	10.3176
NE+3.30	B801	296	DISY-COMB Max	2.26	0	0.3866	0	0.1876	0	7.884
NE+3.30	B801	296	DISY-COMB Max	2.4691	0	0.3866	0	0.1876	0	7.9258
NE+3.30	B801	296	DISY-COMB Max	3.0864	0	0.3866	0	0.1876	0	8.0525
NE+3.30	B801	296	DISY-COMB Max	3.7036	0	0.3866	0	0.1876	0	8.1843
NE+3.30	B801	296	DISY-COMB Max	4.3209	0	0.3866	0	0.1876	0	8.3208
NE+3.30	B801	296	DISY-COMB Max	4.53	0	0.3866	0	0.1876	0	8.3681
NE+3.30	B801	296	DISY-COMB Max	4.53	0	12.657	0	0.8267	0	10.6359
NE+3.30	B801	296	DISY-COMB Max	4.9382	0	12.657	0	0.8267	0	5.4864
NE+3.30	B801	296	DISY-COMB Max	5.5555	0	12.657	0	0.8267	0	2.4406
NE+3.30	B801	296	DISY-COMB Max	6.1727	0	12.657	0	0.8267	0	10.1928
NE+3.30	B801	296	DISY-COMB Max	6.79	0	12.657	0	0.8267	0	17.9975
NE+3.30	B801	296	B241	0	0	-16.1882	0	1.4784	0	-16.1325
NE+3.30	B801	296	B241	0.6173	0	-12.6679	0	1.4784	0	-7.0563
NE+3.30	B801	296	B241	1.2345	0	-6.5332	0	1.4784	0	-1.0816
NE+3.30	B801	296	B241	1.8518	0	-0.9833	0	1.4784	0	1.1068
NE+3.30	B801	296	B241	2.26	0	0.9741	0	1.4784	0	1.0595
NE+3.30	B801	296	B241	2.26	0	-8.6702	0	0.0729	0	2.0728
NE+3.30	B801	296	B241	2.4691	0	-7.8482	0	0.0729	0	3.8064
NE+3.30	B801	296	B241	3.0864	0	-3.2076	0	0.0729	0	7.3887
NE+3.30	B801	296	B241	3.7036	0	3.1322	0	0.0729	0	7.412
NE+3.30	B801	296	B241	4.3209	0	7.7728	0	0.0729	0	3.8761
NE+3.30	B801	296	B241	4.53	0	8.5949	0	0.0729	0	2.1584
NE+3.30	B801	296	B241	4.53	0	-0.7157	0	-1.347	0	1.2199
NE+3.30	B801	296	B241	4.9382	0	1.2417	0	-1.347	0	1.1618
NE+3.30	B801	296	B241	5.5555	0	6.7916	0	-1.347	0	-1.1861
NE+3.30	B801	296	B241	6.1727	0	12.9264	0	-1.347	0	-7.3203
NE+3.30	B801	296	B241	6.79	0	16.4466	0	-1.347	0	-16.556
NE+3.30	B801	296	B242	0	0	-22.3804	0	2.2962	0	-22.2964
NE+3.30	B801	296	B242	0.6173	0	-17.8389	0	2.2962	0	-9.5806
NE+3.30	B801	296	B242	1.2345	0	-8.6468	0	2.2962	0	-1.3198
NE+3.30	B801	296	B242	1.8518	0	-0.4951	0	2.2962	0	1.2677
NE+3.30	B801	296	B242	2.26	0	1.8492	0	2.2962	0	0.9038
NE+3.30	B801	296	B242	2.26	0	-12.1989	0	0.0909	0	2.6188
NE+3.30	B801	296	B242	2.4691	0	-11.3194	0	0.0909	0	5.0893
NE+3.30	B801	296	B242	3.0864	0	-4.7851	0	0.0909	0	10.3624
NE+3.30	B801	296	B242	3.7036	0	4.7718	0	0.0909	0	10.3665
NE+3.30	B801	296	B242	4.3209	0	11.3061	0	0.0909	0	5.1017
NE+3.30	B801	296	B242	4.53	0	12.1855	0	0.0909	0	2.634
NE+3.30	B801	296	B242	4.53	0	-1.3236	0	-2.1942	0	0.9874
NE+3.30	B801	296	B242	4.9382	0	1.0206	0	-2.1942	0	1.1367
NE+3.30	B801	296	B242	5.5555	0	9.1723	0	-2.1942	0	-1.7753
NE+3.30	B801	296	B242	6.1727	0	18.3645	0	-2.1942	0	-10.3605
NE+3.30	B801	296	B242	6.79	0	22.906	0	-2.1942	0	-23.4007

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B802	297	Pprop	0	0	-4.5542	0	0.2519	0	-4.7691
NE+3.30	B802	297	Pprop	0.7173	0	-2.8809	0	0.2519	0	-2.1026
NE+3.30	B802	297	Pprop	1.4345	0	-1.2077	0	0.2519	0	-0.6363
NE+3.30	B802	297	Pprop	1.97	0	0.0414	0	0.2519	0	-0.324
NE+3.30	B802	297	Pprop	1.97	0	-3.0497	0	-0.2093	0	-0.3074
NE+3.30	B802	297	Pprop	2.1518	0	-2.6255	0	-0.2093	0	0.2085
NE+3.30	B802	297	Pprop	2.8691	0	-0.9523	0	-0.2093	0	1.4917
NE+3.30	B802	297	Pprop	3.5864	0	0.721	0	-0.2093	0	1.5746
NE+3.30	B802	297	Pprop	3.95	0	1.5693	0	-0.2093	0	1.1582
NE+3.30	B802	297	Pprop	3.95	0	-3.8075	0	0.214	0	0.9113
NE+3.30	B802	297	Pprop	4.3036	0	-2.9825	0	0.214	0	2.1119
NE+3.30	B802	297	Pprop	5.0209	0	-1.3092	0	0.214	0	3.651
NE+3.30	B802	297	Pprop	5.7382	0	0.364	0	0.214	0	3.99
NE+3.30	B802	297	Pprop	6.4555	0	2.0373	0	0.214	0	3.1288
NE+3.30	B802	297	Pprop	7.1727	0	3.7105	0	0.214	0	1.0675
NE+3.30	B802	297	Pprop	7.89	0	5.3838	0	0.214	0	-2.1941
NE+3.30	B802	297	Viva	0	0	-4.8501	0	0.3935	0	-6.0795
NE+3.30	B802	297	Viva	0.7173	0	-3.5639	0	0.3935	0	-2.9082
NE+3.30	B802	297	Viva	1.4345	0	-0.8282	0	0.3935	0	-1.38
NE+3.30	B802	297	Viva	1.97	0	-0.1115	0	0.3935	0	-1.1923
NE+3.30	B802	297	Viva	1.97	0	-3.9419	0	-0.3451	0	-1.0369
NE+3.30	B802	297	Viva	2.1518	0	-3.8592	0	-0.3451	0	-0.3252
NE+3.30	B802	297	Viva	2.8691	0	-1.9312	0	-0.3451	0	1.9017
NE+3.30	B802	297	Viva	3.5864	0	0.5079	0	-0.3451	0	2.3003
NE+3.30	B802	297	Viva	3.95	0	0.8385	0	-0.3451	0	2.0354
NE+3.30	B802	297	Viva	3.95	0	-5.3017	0	0.0649	0	1.3668
NE+3.30	B802	297	Viva	4.3036	0	-4.9891	0	0.0649	0	3.2048
NE+3.30	B802	297	Viva	5.0209	0	-2.5737	0	0.0649	0	6.0319
NE+3.30	B802	297	Viva	5.7382	0	0.4209	0	0.0649	0	6.804
NE+3.30	B802	297	Viva	6.4555	0	3.4155	0	0.0649	0	5.4281
NE+3.30	B802	297	Viva	7.1727	0	6.3755	0	0.0649	0	1.9056
NE+3.30	B802	297	Viva	7.89	0	7.6617	0	0.0649	0	-3.2824
NE+3.30	B802	297	Psup	0	0	-6.8456	0	0.3958	0	-8.373
NE+3.30	B802	297	Psup	0.7173	0	-5.1231	0	0.3958	0	-3.8747
NE+3.30	B802	297	Psup	1.4345	0	-1.4595	0	0.3958	0	-1.5769
NE+3.30	B802	297	Psup	1.97	0	-0.4996	0	0.3958	0	-1.1381
NE+3.30	B802	297	Psup	1.97	0	-5.0204	0	-0.5312	0	-1.1207
NE+3.30	B802	297	Psup	2.1518	0	-4.9097	0	-0.5312	0	-0.2146
NE+3.30	B802	297	Psup	2.8691	0	-2.3278	0	-0.5312	0	2.5824
NE+3.30	B802	297	Psup	3.5864	0	0.9387	0	-0.5312	0	2.9306
NE+3.30	B802	297	Psup	3.95	0	1.3815	0	-0.5312	0	2.4819
NE+3.30	B802	297	Psup	3.95	0	-7.0778	0	0.2868	0	1.7134
NE+3.30	B802	297	Psup	4.3036	0	-6.6591	0	0.2868	0	4.167
NE+3.30	B802	297	Psup	5.0209	0	-3.4245	0	0.2868	0	7.9371
NE+3.30	B802	297	Psup	5.7382	0	0.5859	0	0.2868	0	8.9551

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B802	297	Psup	6.4555	0	4.5963	0	0.2868	0	7.0966
NE+3.30	B802	297	Psup	7.1727	0	8.5603	0	0.2868	0	2.3634
NE+3.30	B802	297	Psup	7.89	0	10.2827	0	0.2868	0	-4.6003
NE+3.30	B802	297	Viva.cub	0	0	0.0548	0	0.0043	0	0.0746
NE+3.30	B802	297	Viva.cub	0.7173	0	0.0548	0	0.0043	0	0.0353
NE+3.30	B802	297	Viva.cub	1.4345	0	0.0548	0	0.0043	0	-0.004
NE+3.30	B802	297	Viva.cub	1.97	0	0.0548	0	0.0043	0	-0.0333
NE+3.30	B802	297	Viva.cub	1.97	0	0.0072	0	0.0029	0	-0.0229
NE+3.30	B802	297	Viva.cub	2.1518	0	0.0072	0	0.0029	0	-0.0242
NE+3.30	B802	297	Viva.cub	2.8691	0	0.0072	0	0.0029	0	-0.0293
NE+3.30	B802	297	Viva.cub	3.5864	0	0.0072	0	0.0029	0	-0.0344
NE+3.30	B802	297	Viva.cub	3.95	0	0.0072	0	0.0029	0	-0.037
NE+3.30	B802	297	Viva.cub	3.95	0	-0.0173	0	-0.0101	0	-0.0419
NE+3.30	B802	297	Viva.cub	4.3036	0	-0.0173	0	-0.0101	0	-0.0358
NE+3.30	B802	297	Viva.cub	5.0209	0	-0.0173	0	-0.0101	0	-0.0234
NE+3.30	B802	297	Viva.cub	5.7382	0	-0.0173	0	-0.0101	0	-0.0109
NE+3.30	B802	297	Viva.cub	6.4555	0	-0.0173	0	-0.0101	0	0.0015
NE+3.30	B802	297	Viva.cub	7.1727	0	-0.0173	0	-0.0101	0	0.0139
NE+3.30	B802	297	Viva.cub	7.89	0	-0.0173	0	-0.0101	0	0.0263
NE+3.30	B802	297	DISX-COMB Max	0	0	7.4022	0	1.4118	0	19.999
NE+3.30	B802	297	DISX-COMB Max	0.7173	0	7.4022	0	1.4118	0	15.0667
NE+3.30	B802	297	DISX-COMB Max	1.4345	0	7.4022	0	1.4118	0	10.5085
NE+3.30	B802	297	DISX-COMB Max	1.97	0	7.4022	0	1.4118	0	7.756
NE+3.30	B802	297	DISX-COMB Max	1.97	0	6.1217	0	1.2719	0	7.1839
NE+3.30	B802	297	DISX-COMB Max	2.1518	0	6.1217	0	1.2719	0	6.1945
NE+3.30	B802	297	DISX-COMB Max	2.8691	0	6.1217	0	1.2719	0	3.2123
NE+3.30	B802	297	DISX-COMB Max	3.5864	0	6.1217	0	1.2719	0	4.5636
NE+3.30	B802	297	DISX-COMB Max	3.95	0	6.1217	0	1.2719	0	6.394
NE+3.30	B802	297	DISX-COMB Max	3.95	0	4.0955	0	2.7468	0	10.6517
NE+3.30	B802	297	DISX-COMB Max	4.3036	0	4.0955	0	2.7468	0	11.5928
NE+3.30	B802	297	DISX-COMB Max	5.0209	0	4.0955	0	2.7468	0	13.7746
NE+3.30	B802	297	DISX-COMB Max	5.7382	0	4.0955	0	2.7468	0	16.1971
NE+3.30	B802	297	DISX-COMB Max	6.4555	0	4.0955	0	2.7468	0	18.7673
NE+3.30	B802	297	DISX-COMB Max	7.1727	0	4.0955	0	2.7468	0	21.4321
NE+3.30	B802	297	DISX-COMB Max	7.89	0	4.0955	0	2.7468	0	24.1603
NE+3.30	B802	297	DISY-COMB Max	0	0	14.5041	0	1.2957	0	20.086
NE+3.30	B802	297	DISY-COMB Max	0.7173	0	14.5041	0	1.2957	0	9.6975
NE+3.30	B802	297	DISY-COMB Max	1.4345	0	14.5041	0	1.2957	0	1.0466
NE+3.30	B802	297	DISY-COMB Max	1.97	0	14.5041	0	1.2957	0	8.5335
NE+3.30	B802	297	DISY-COMB Max	1.97	0	2.2271	0	0.833	0	5.8416
NE+3.30	B802	297	DISY-COMB Max	2.1518	0	2.2271	0	0.833	0	6.2326
NE+3.30	B802	297	DISY-COMB Max	2.8691	0	2.2271	0	0.833	0	7.7891
NE+3.30	B802	297	DISY-COMB Max	3.5864	0	2.2271	0	0.833	0	9.3594
NE+3.30	B802	297	DISY-COMB Max	3.95	0	2.2271	0	0.833	0	10.1587
NE+3.30	B802	297	DISY-COMB Max	3.95	0	4.133	0	2.4705	0	11.4705

Table 5.3 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
NE+3.30	B802	297	DISY-COMB Max	4.3036	0	4.133	0	2.4705	0	10.0194
NE+3.30	B802	297	DISY-COMB Max	5.0209	0	4.133	0	2.4705	0	7.0894
NE+3.30	B802	297	DISY-COMB Max	5.7382	0	4.133	0	2.4705	0	4.208
NE+3.30	B802	297	DISY-COMB Max	6.4555	0	4.133	0	2.4705	0	1.6524
NE+3.30	B802	297	DISY-COMB Max	7.1727	0	4.133	0	2.4705	0	2.3087
NE+3.30	B802	297	DISY-COMB Max	7.89	0	4.133	0	2.4705	0	5.0503
NE+3.30	B802	297	B241	0	0	-14.7774	0	0.8395	0	-17.0361
NE+3.30	B802	297	B241	0.7173	0	-10.3756	0	0.8395	0	-7.7484
NE+3.30	B802	297	B241	1.4345	0	-3.4574	0	0.8395	0	-2.8689
NE+3.30	B802	297	B241	1.97	0	-0.5939	0	0.8395	0	-1.8953
NE+3.30	B802	297	B241	1.97	0	-10.4612	0	-0.9599	0	-1.8512
NE+3.30	B802	297	B241	2.1518	0	-9.7679	0	-0.9599	0	-0.0078
NE+3.30	B802	297	B241	2.8691	0	-4.2519	0	-0.9599	0	5.2811
NE+3.30	B802	297	B241	3.5864	0	2.1515	0	-0.9599	0	5.8401
NE+3.30	B802	297	B241	3.95	0	3.825	0	-0.9599	0	4.7187
NE+3.30	B802	297	B241	3.95	0	-14.1105	0	0.6493	0	3.4023
NE+3.30	B802	297	B241	4.3036	0	-12.4984	0	0.6493	0	8.1392
NE+3.30	B802	297	B241	5.0209	0	-6.1363	0	0.6493	0	15.0216
NE+3.30	B802	297	B241	5.7382	0	1.2313	0	0.6493	0	16.7807
NE+3.30	B802	297	B241	6.4555	0	8.599	0	0.6493	0	13.2552
NE+3.30	B802	297	B241	7.1727	0	15.9066	0	0.6493	0	4.4474
NE+3.30	B802	297	B241	7.89	0	20.3084	0	0.6493	0	-8.8076
NE+3.30	B802	297	B242	0	0	-20.3991	0	1.3514	0	-24.2922
NE+3.30	B802	297	B242	0.7173	0	-14.5682	0	1.3514	0	-11.2768
NE+3.30	B802	297	B242	1.4345	0	-4.2613	0	1.3514	0	-4.669
NE+3.30	B802	297	B242	1.97	0	-0.66	0	1.3514	0	-3.549
NE+3.30	B802	297	B242	1.97	0	-15.2702	0	-1.3735	0	-3.2573
NE+3.30	B802	297	B242	2.1518	0	-14.5437	0	-1.3735	0	-0.5392
NE+3.30	B802	297	B242	2.8691	0	-6.7309	0	-1.3735	0	7.5548
NE+3.30	B802	297	B242	3.5864	0	2.6604	0	-1.3735	0	8.669
NE+3.30	B802	297	B242	3.95	0	4.6238	0	-1.3735	0	7.2827
NE+3.30	B802	297	B242	3.95	0	-20.5861	0	0.6553	0	5.0821
NE+3.30	B802	297	B242	4.3036	0	-18.7041	0	0.6553	0	12.0862
NE+3.30	B802	297	B242	5.0209	0	-9.3863	0	0.6553	0	22.515
NE+3.30	B802	297	B242	5.7382	0	1.7202	0	0.6553	0	25.2643
NE+3.30	B802	297	B242	6.4555	0	12.8267	0	0.6553	0	20.0473
NE+3.30	B802	297	B242	7.1727	0	23.8263	0	0.6553	0	6.868
NE+3.30	B802	297	B242	7.89	0	29.6572	0	0.6553	0	-12.788

5.3 Modal Results

Table 5.4 - Modal Periods and Frequencies

Case	Mode	Period sec	Frequency cyc/sec	Circular Frequency rad/sec	Eigenvalue rad²/sec²
Modal	1	0.307	3.252	20.4358	417.6201
Modal	2	0.258	3.883	24.3967	595.1984
Modal	3	0.231	4.328	27.1961	739.6286
Modal	4	0.099	10.067	63.2526	4000.8953
Modal	5	0.095	10.551	66.2963	4395.2007
Modal	6	0.095	10.581	66.4839	4420.1041
Modal	7	0.094	10.675	67.0712	4498.5511
Modal	8	0.093	10.768	67.659	4577.7467
Modal	9	0.092	10.831	68.0554	4631.5385
Modal	10	0.091	10.948	68.7881	4731.7966

Departamento de Ingeniería Civil y Agrícola
Facultad de Ingeniería
Sede Bogotá

UNIVERSIDAD NACIONAL DE COLOMBIA

Anexo 10. Diseño de placa de entrepiso

Av. Carrera 30 No.45-03 Ciudad Universitaria
Edificio 406 (Instituto de Extensión e Investigación - I.E.I) Oficina 218
57 (1) 3165513 PBX 3165000 Ext. 13301/02/27
insei_bog@unal.edu.co
Bogotá, D. C., Colombia

UNIVERSIDAD NACIONAL DE COLOMBIA

HOJA DE CALCULO PARA CÁLCULO DE SOLICITACIONES LOSA EN DOS DIRECCIONES

Proyecto: PRO-054-ZIPA-GRADERÍAS
Realizó: JDNA
Contiene: DISEÑO LOSA ENTREPISO
Fecha: Marzo de 2021

a	2.29	m
b	3.73	m
m	0.61	
Caso	2	

Cargas

Qd	6.92	kN/m2
Ql	5	kN/m2
Qdu	8.304	kN/m2
Qlu	8	kN/m2
Qu	16.3	kN/m2

Coeficientes para Momento Negativo Tabla C.13.9-1

Ca-	0.081
Cb-	0.01

f'c 28 MPa

Coeficientes para Momento Positico Tabla C.13.9-2

CD		CL	
Ca	0.034	Ca	0.058
Cb	0.004	Cb	0.007

Relaciones de Carga para Determinar el Cortante Tabla C.13.9-4

Qa	0.89
Qb	0.11

CÁLCULO DE SOLICITACIONES A FLEXIÓN

Momento Negativo

Ma(-)	6.93	kN*m
Mb(-)	2.27	kN*m

Momento Positivo

Mda(+)	1.48	kN*m
Mla(+)	2.43	kN*m
Ma(+)	3.91	kN*m
Mdb(+)	0.46	kN*m
Mlb(+)	0.78	kN*m
Mb(+)	1.24	kN*m

CÁLCULO DE SOLICITACIONES A CORTANTE

Va	16.61	kN
Vb	3.34	kN

Chequeo

h losa	0.1	m
Recubrimiento	0.025	m
d	0.075	m
Vc	50.60	kN

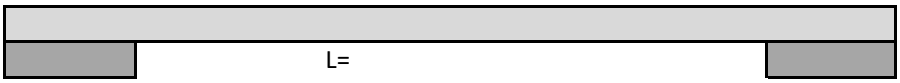
OK

UNIVERSIDAD NACIONAL DE COLOMBIA

HOJA DE CALCULO PARA DISEÑO DE REFUERZO

Proyecto: PRO-054-ZIPA-GRADERÍAS
Realizó: JDNA
Contiene: DISEÑO LOSA ENTREPISO
Fecha: Marzo de 2021

Dimensionamiento Losa



Losas:

Para muros divisorios y particiones frágiles

t=

Diseño a Flexión

LOSA

NORMA NSR-10

ϕ=	0.9	
(+)ϕMn=	3.9	kNm
(-)ϕMn=	6.9	kNm
f'c=	28	MPa
fy=	420	MPa
b=	1	m
d=	0.105	m
Recubr=	0.03	m



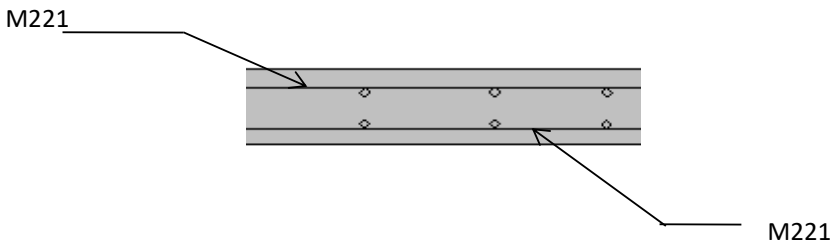
Cuantía menor que la mínima ***Momento POSITIVO***

Cuantía menor que la mínima ***Momento NEGATIVO***

se tiene:

M(+)			**M(-)**		
ρ=	0.000947		ρ=	0.001687	
ρbal=	0.028333		ρbal=	0.028333	
ρmáx=	0.021250		ρmáx=	0.021250	
ρmín=	0.001800		ρmín=	0.001800	
As=	189.0	mm2	As=	189.0	mm2

Refuerzo Positivo		**Refuerzo Negativo**	
Usar malla	M221	Usar malla	M221



UNIVERSIDAD NACIONAL DE COLOMBIA

HOJA DE CALCULO PARA CÁLCULO DE SOLICITACIONES LOSA EN DOS DIRECCIONES

Proyecto: PRO-054-ZIPA-GRADERÍAS
Realizó: JDNA
Contiene: DISEÑO LOSA ENTREPISO
Fecha: Marzo de 2021

a	1.32	m
b	2.65	m
m	0.50	
Caso	2	

Cargas

Qd	5.12	kN/m2
Ql	2	kN/m2
Qdu	6.144	kN/m2
Qlu	3.2	kN/m2
Qu	9.3	kN/m2

Coeficientes para Momento Negativo Tabla C.13.9-1

Ca-	0.086
Cb-	0.006

f'c 28 MPa

Coeficientes para Momento Positico Tabla C.13.9-2

CD		CL	
Ca	0.037	Ca	0.066
Cb	0.002	Cb	0.004

Relaciones de Carga para Determinar el Cortante Tabla C.13.9-4

Qa	0.94
Qb	0.06

CÁLCULO DE SOLICITACIONES A FLEXIÓN

Momento Negativo

Ma(-)	1.40	kN*m
Mb(-)	0.39	kN*m

Momento Positivo

Mda(+)	0.40	kN*m
Mla(+)	0.37	kN*m
Ma(+)	0.76	kN*m
Mdb(+)	0.09	kN*m
Mlb(+)	0.09	kN*m
Mb(+)	0.18	kN*m

CÁLCULO DE SOLICITACIONES A CORTANTE

Va	5.80	kN
Vb	0.74	kN

Chequeo

h losa	0.1	m
Recubrimiento	0.025	m
d	0.075	m
Vc	50.60	kN

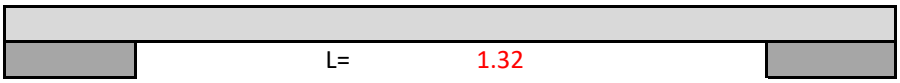
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UNIVERSIDAD NACIONAL DE COLOMBIA

HOJA DE CALCULO PARA DISEÑO DE REFUERZO

Proyecto: PRO-054-ZIPA-GRADERÍAS-MEZANNINE
Realizó: JDNA
Contiene: DISEÑO LOSA ENTREPISO
Fecha: Marzo de 2021

Dimensionamiento Losa



Losas:

Para muros divisorios y particiones frágiles

t= 0.04

Diseño a Flexión

LOSA

NORMA NSR-10

ϕ=	0.9	
(+)ϕMn=	3.9	kNm
(-)ϕMn=	6.9	kNm
f'c=	28	MPa
fy=	420	MPa
b=	1	m
d=	0.055	m
Recubr=	0.03	m

0.08m

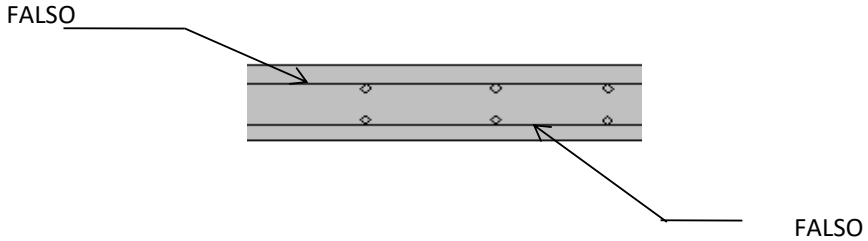
Cuantía valida ***Momento POSITIVO***

Cuantía valida ***Momento NEGATIVO***

se tiene:

M(+)			**M(-)**		
ρ=	0.003533		ρ=	0.006422	
ρbal=	0.028333		ρbal=	0.028333	
ρmáx=	0.021250		ρmáx=	0.021250	
ρmín=	0.001800		ρmín=	0.001800	
As=	194.3	mm2	As=	353.2	mm2

Refuerzo Positivo		**Refuerzo Negativo**	
Usar malla	M221	Usar malla	FALSO

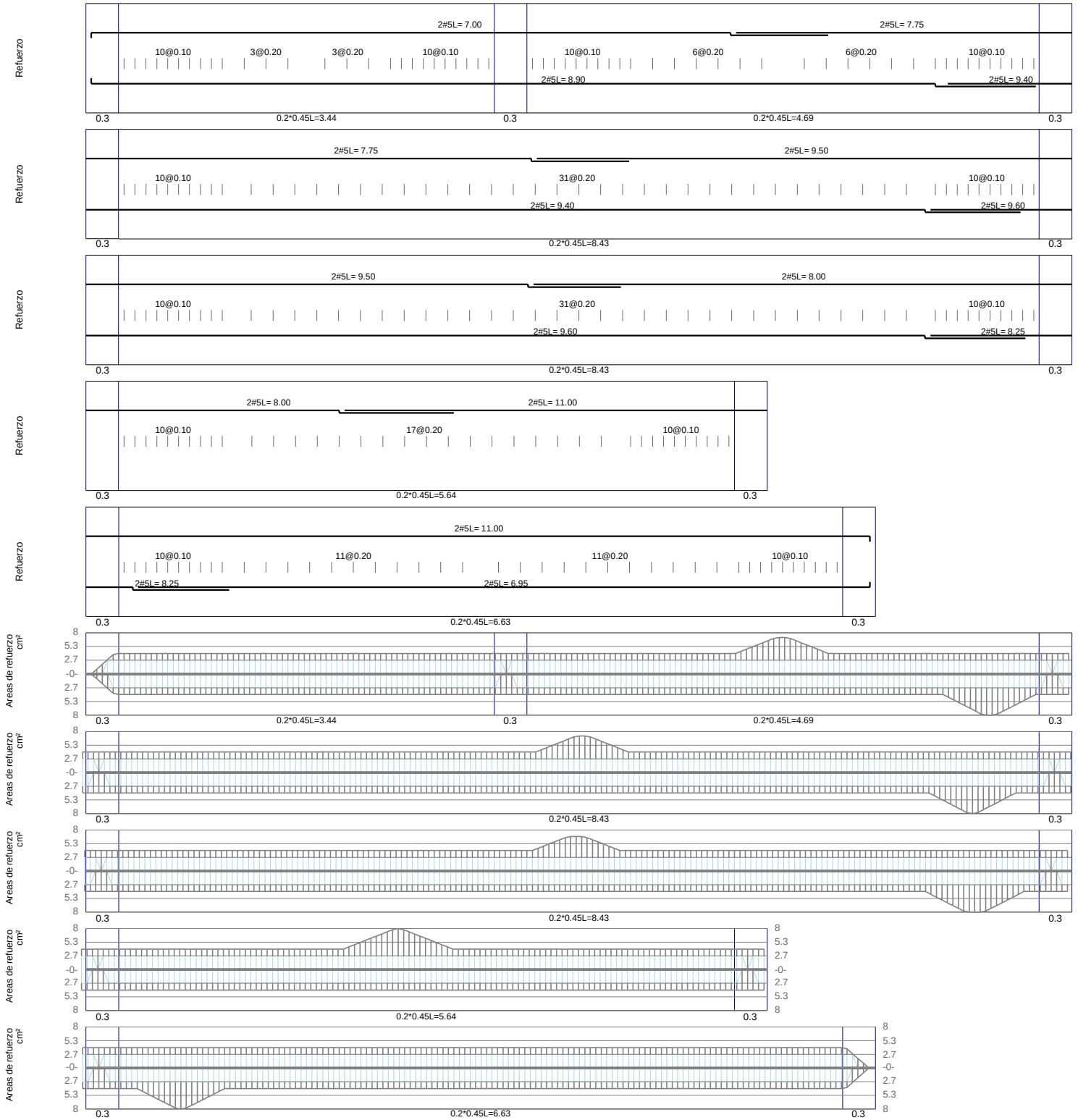


Anexo 11. Diseño de vigas

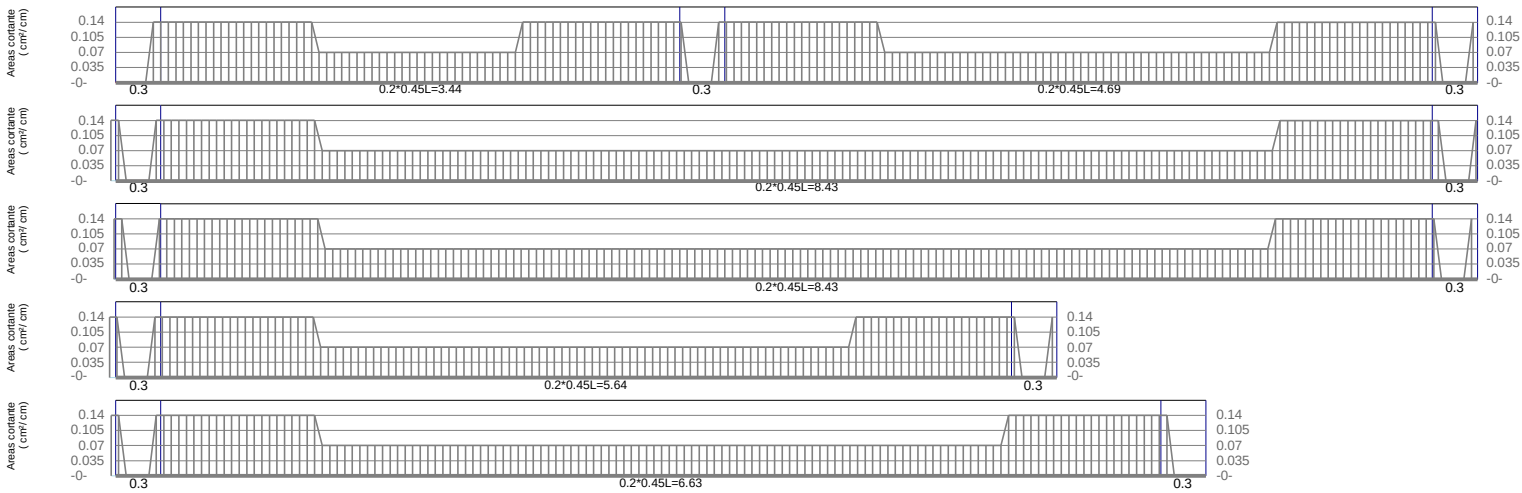
Av. Carrera 30 No.45-03 Ciudad Universitaria
Edificio 406 (Instituto de Extensión e Investigación - I.E.I) Oficina 218
57 (1) 3165513 PBX 3165000 Ext. 13301/02/27
insei_bog@unal.edu.co
Bogotá, D. C., Colombia

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

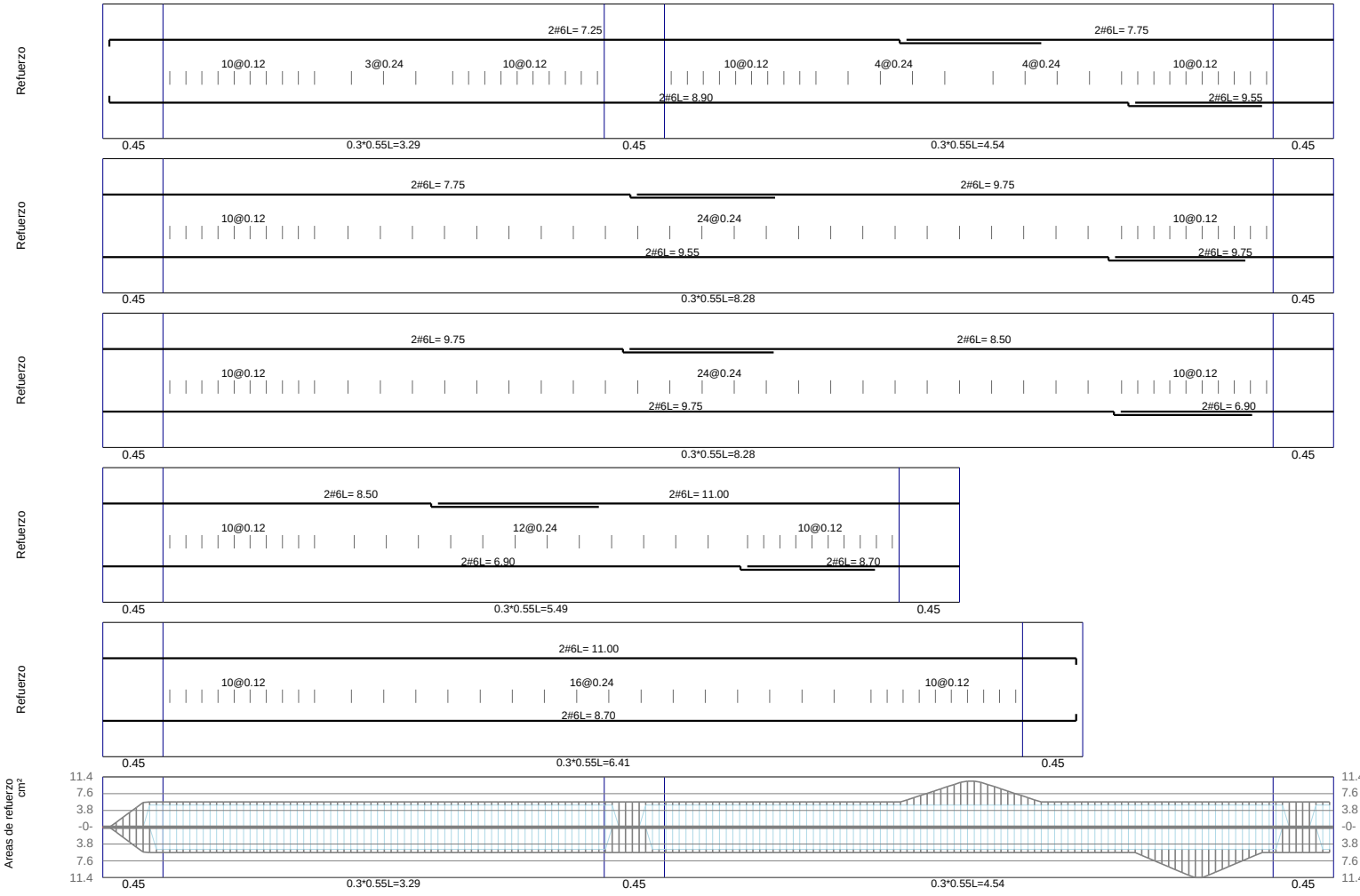
VG-A-201 / NE+3.23



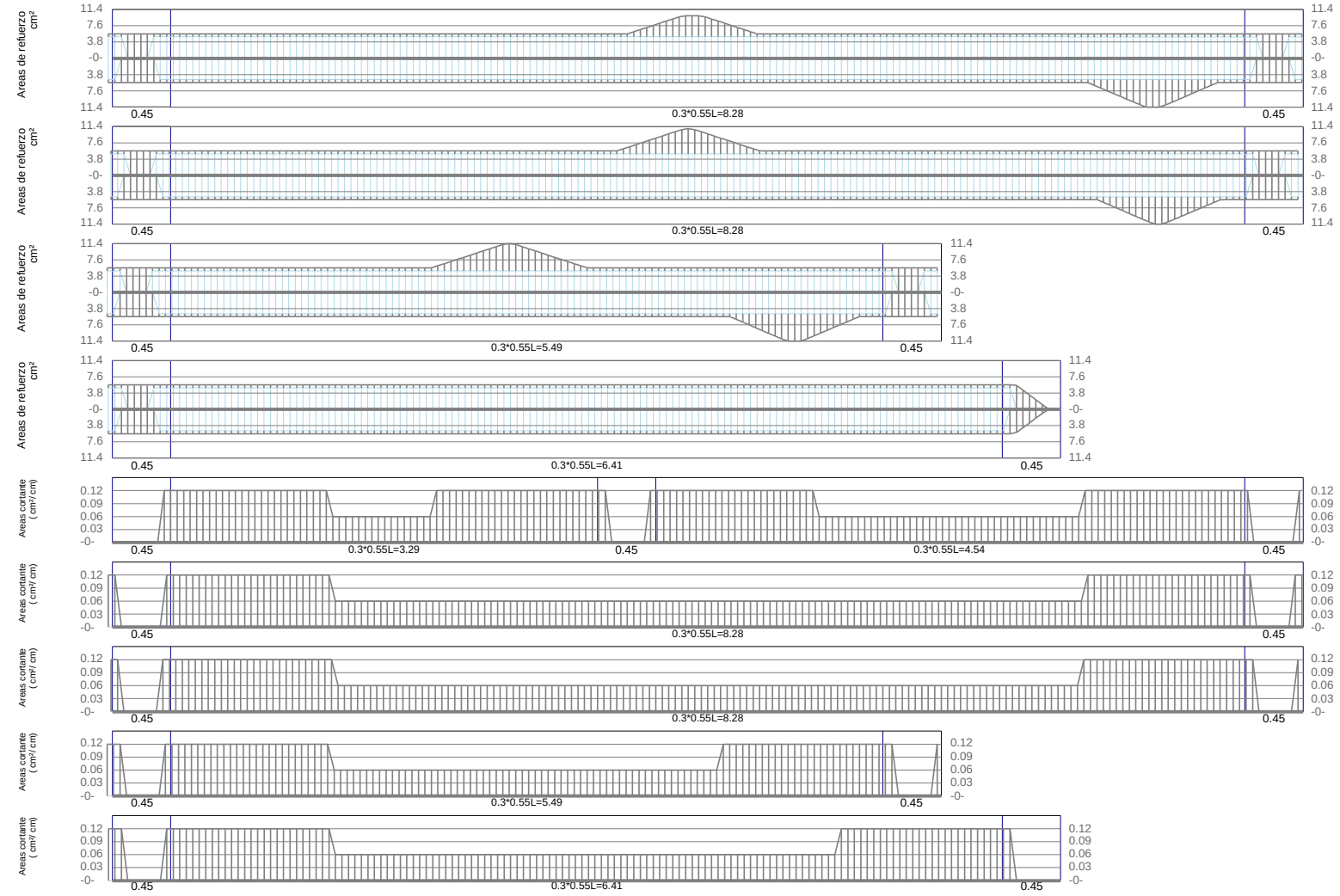
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



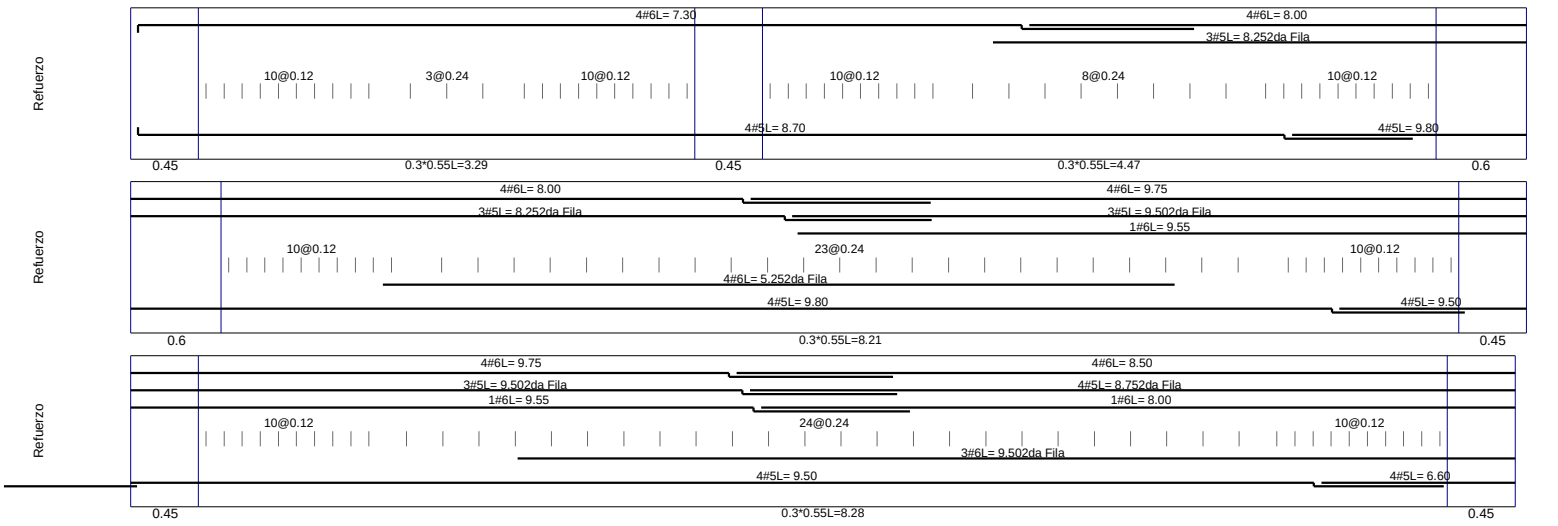
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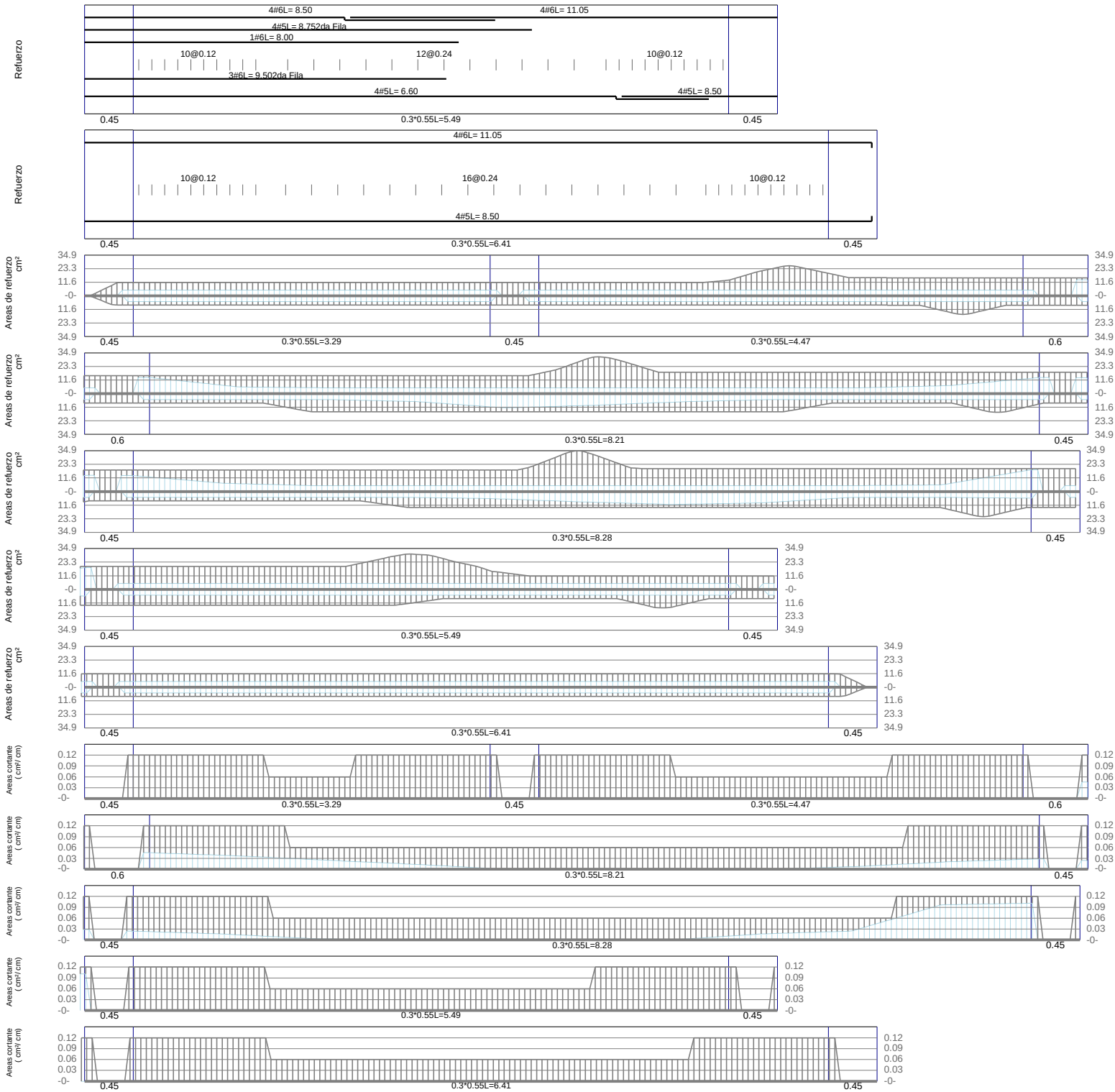
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



VG-A-204 / NE+3.23



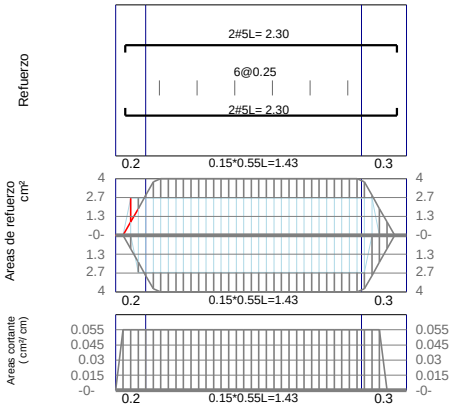
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



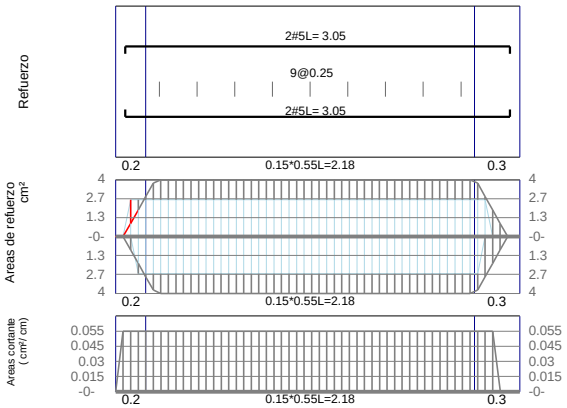
VG-A-205 / NE+3.23

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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

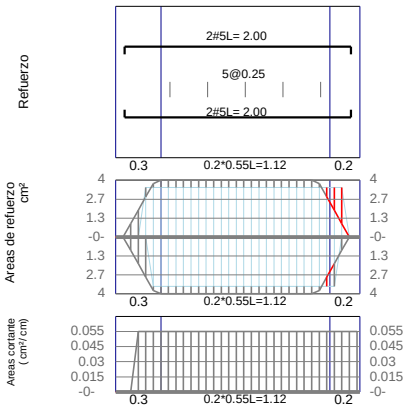
VG-A-205 / NE+3.23



VG-A-206 / NE+3.23



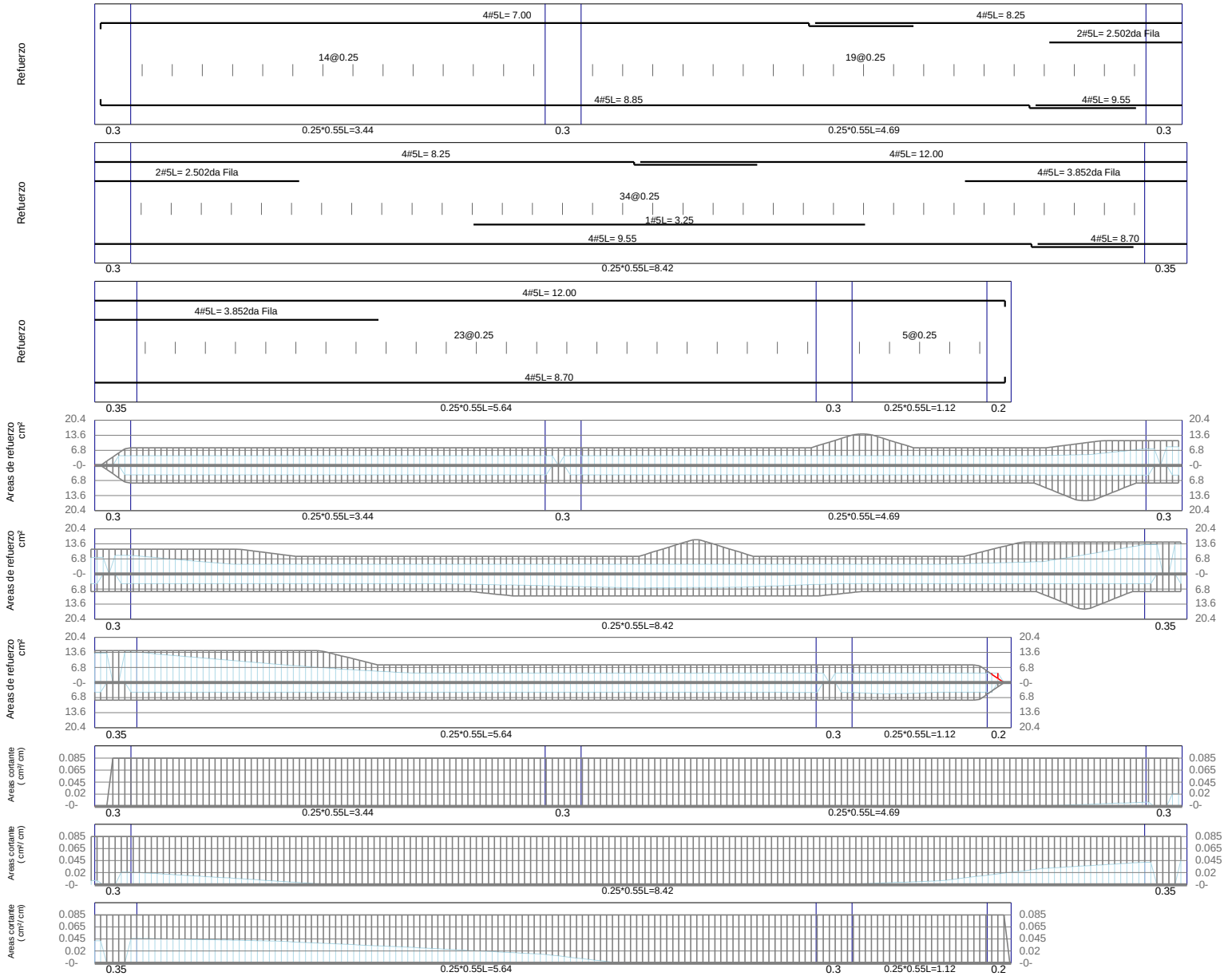
VG-A-207 / NE+3.23



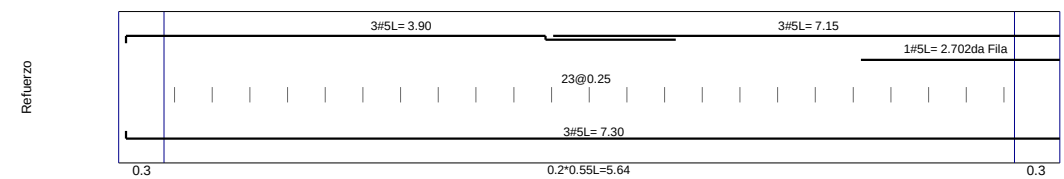
VG-A-208 / NE+3.23

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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
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Norma: NSR-10 DMO	Código Nimbus

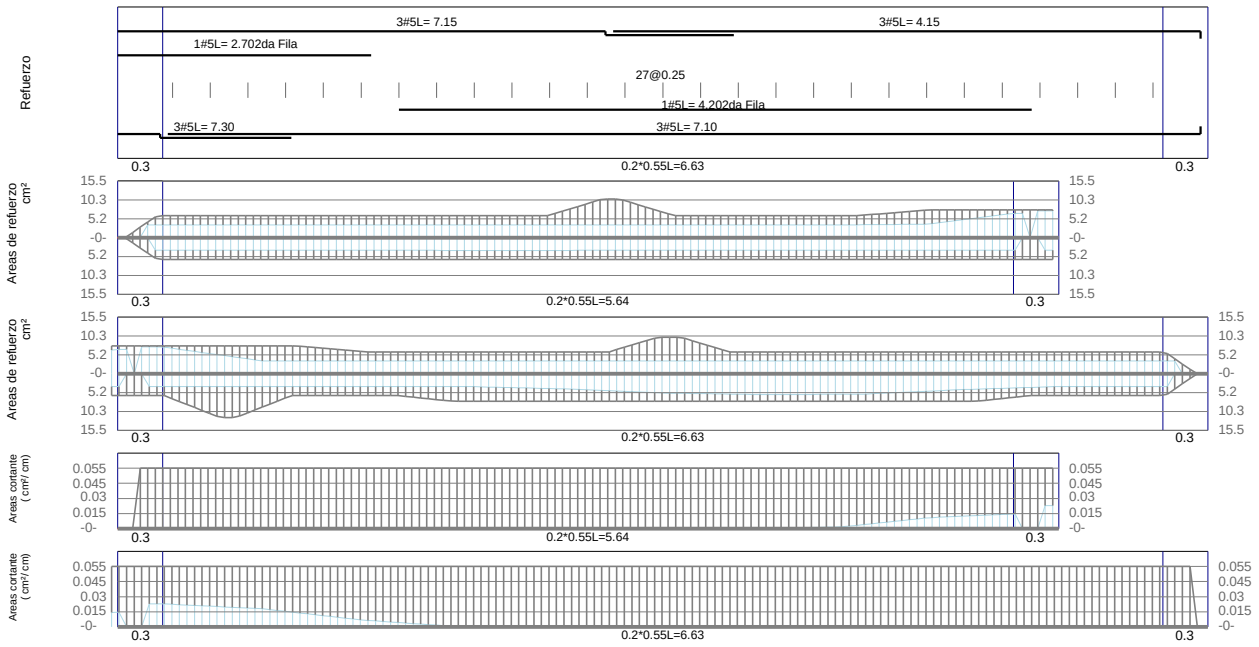
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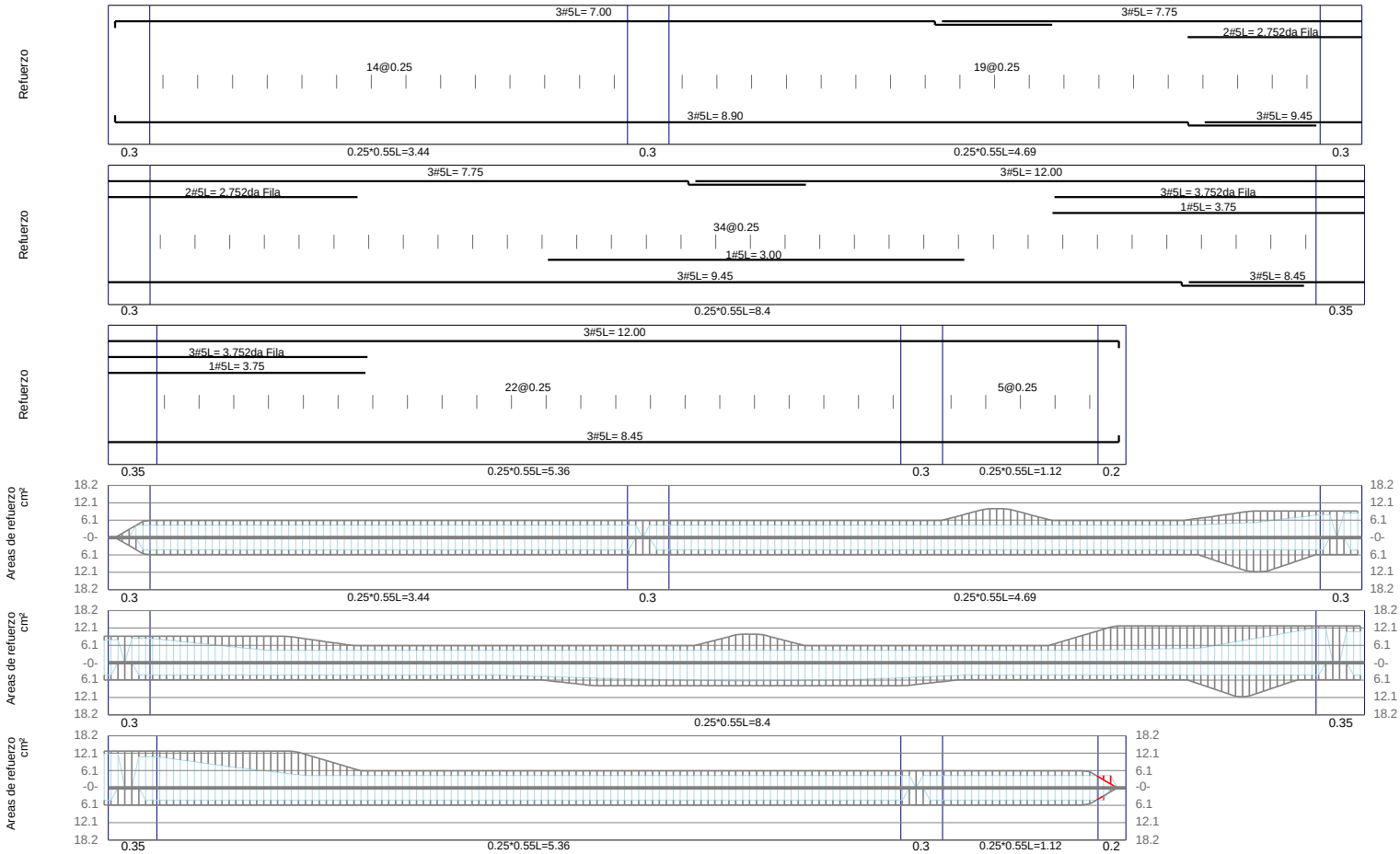
VG-A-209 / NE+3.23



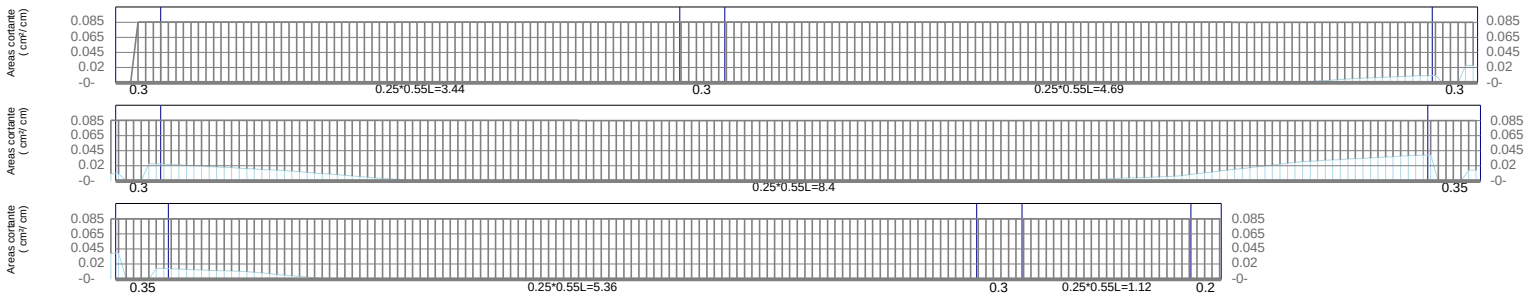
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Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



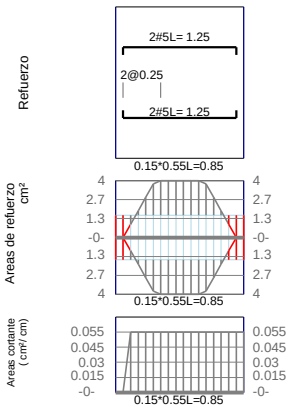
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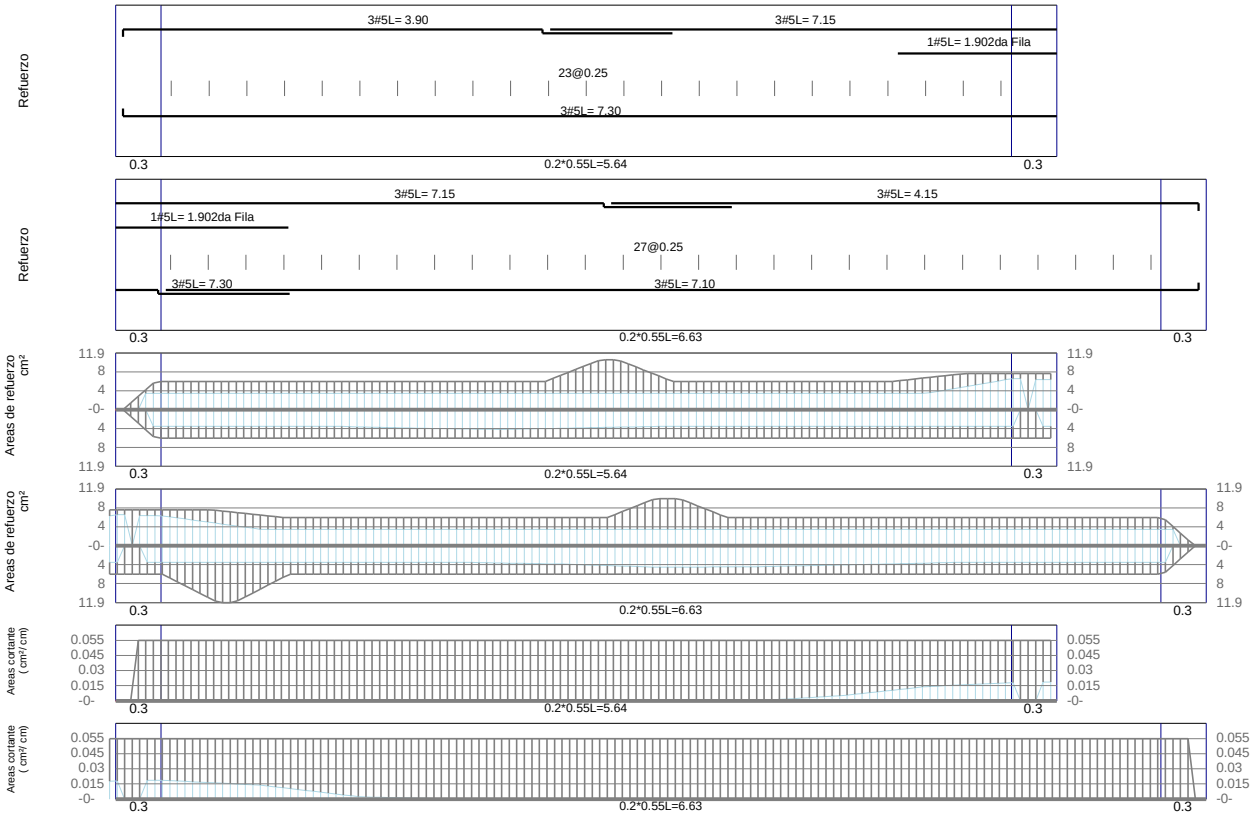
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Propietario	Diseño Arquitectónico
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Norma: NSR-10 DMO	Código Nimbus



VG-A-211 / NE+3.23



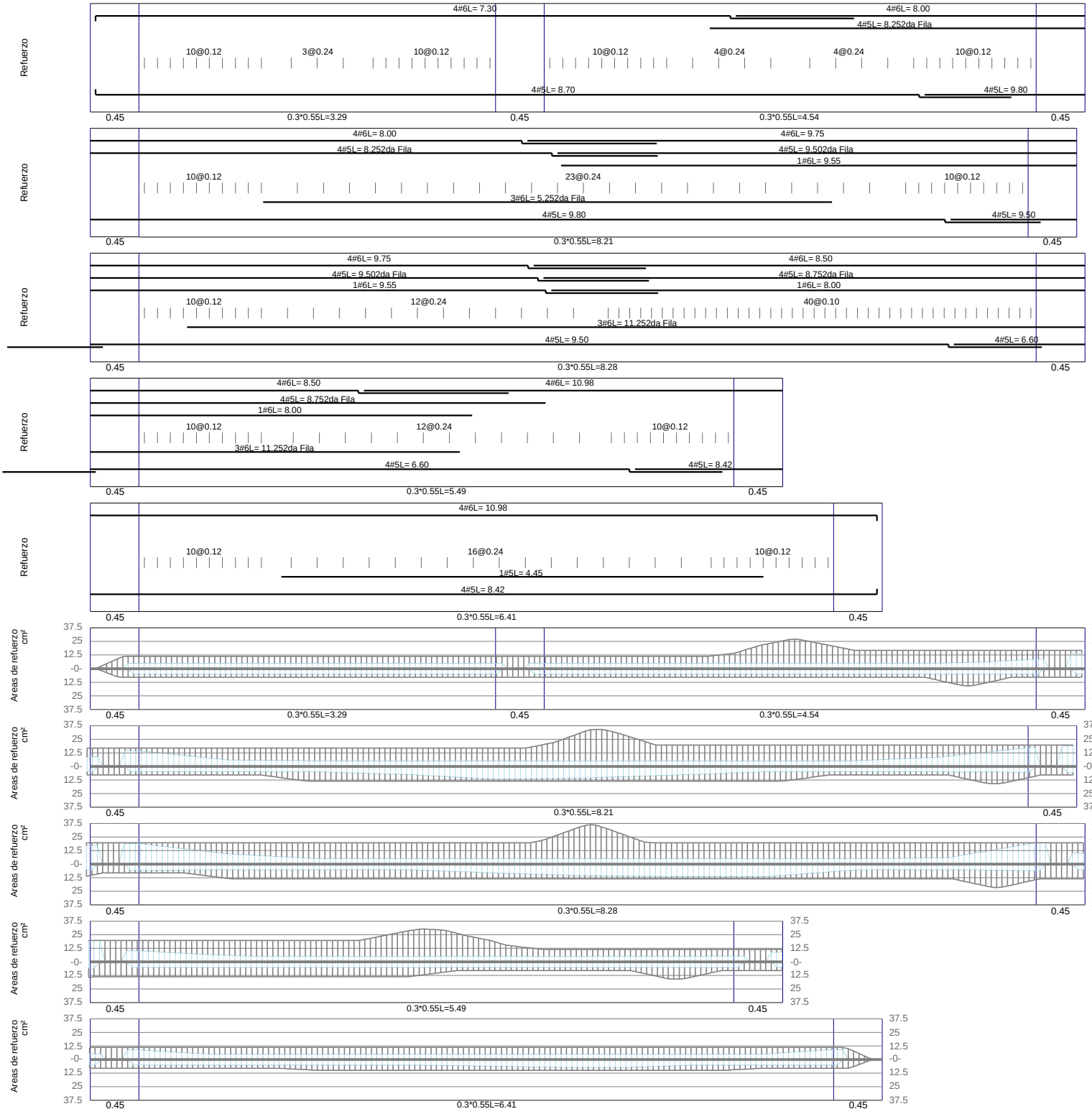
VG-A-212 / NE+3.23



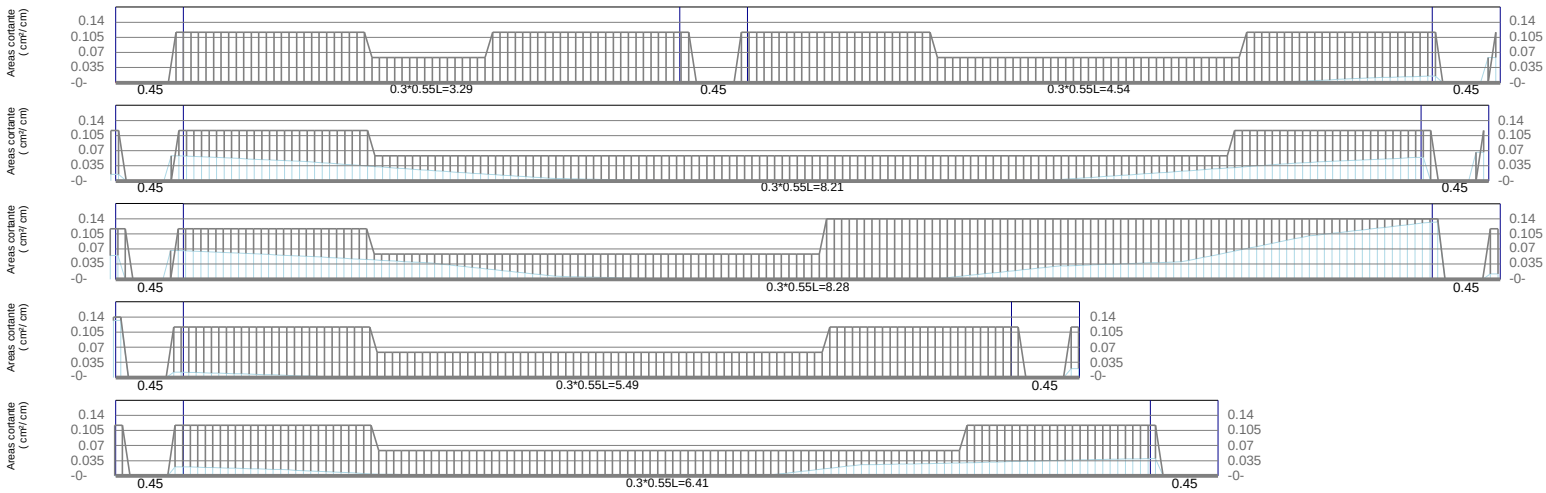
VG-A-213 / NE+3.23

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

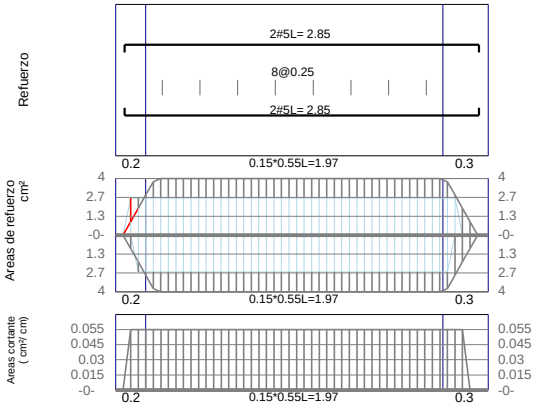
VG-A-213 / NE+3.23



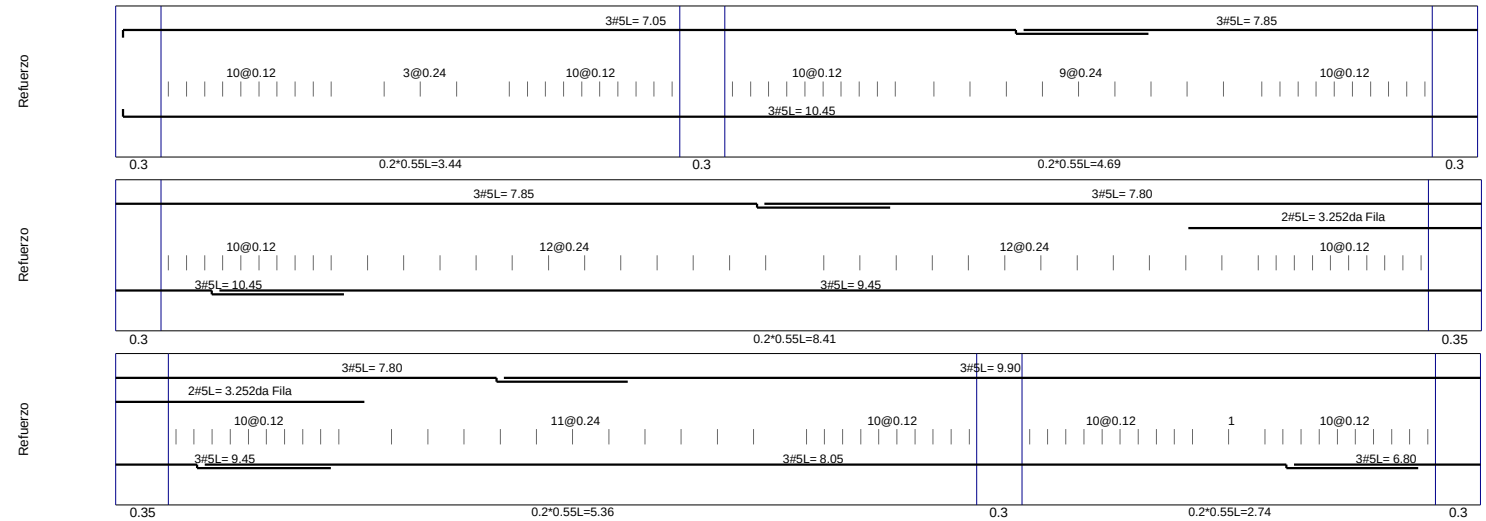
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



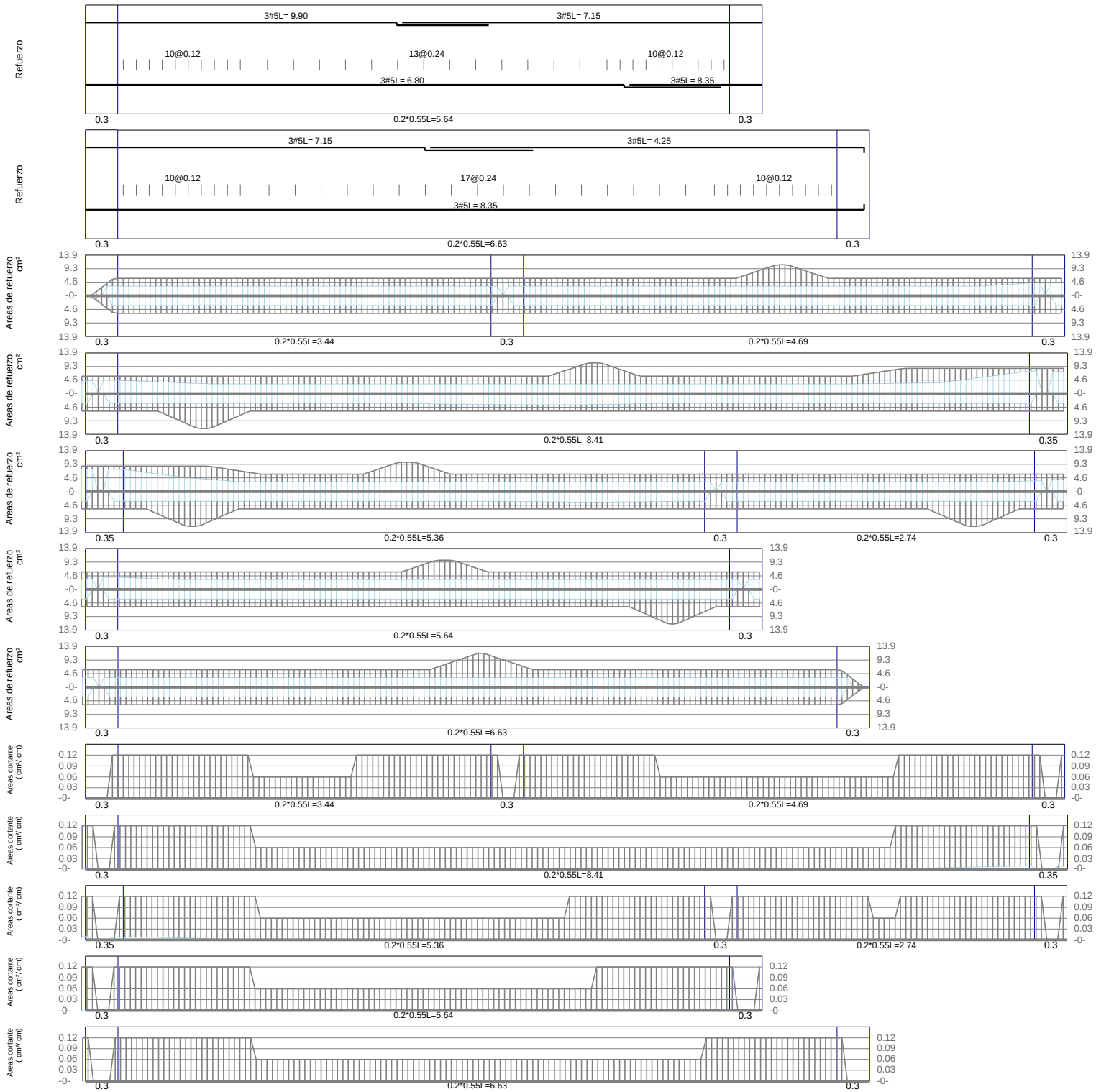
VG-A-214 / NE+3.23



VG-A-215 / NE+3.23



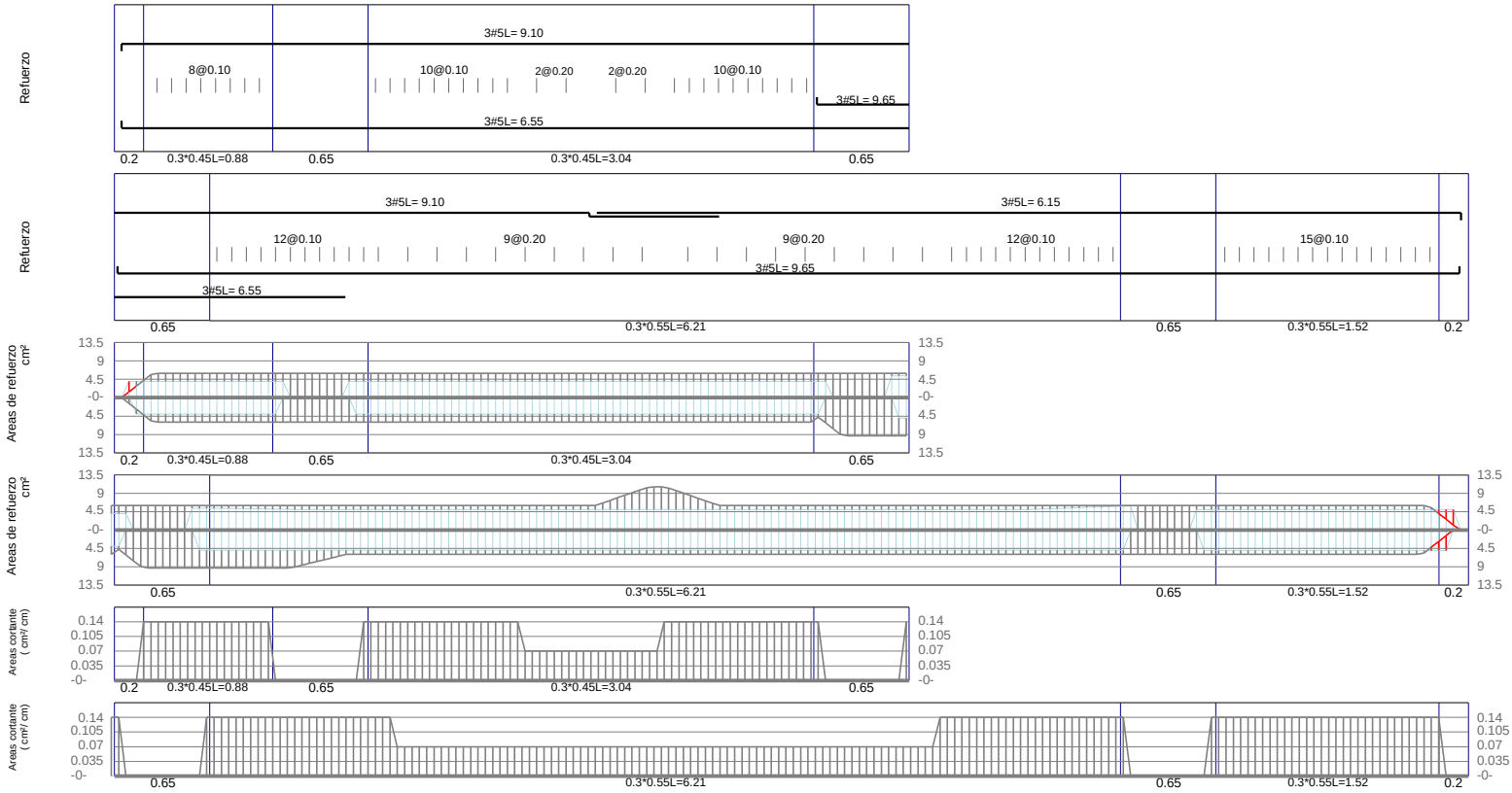
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
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Norma: NSR-10 DMO	Código Nimbus



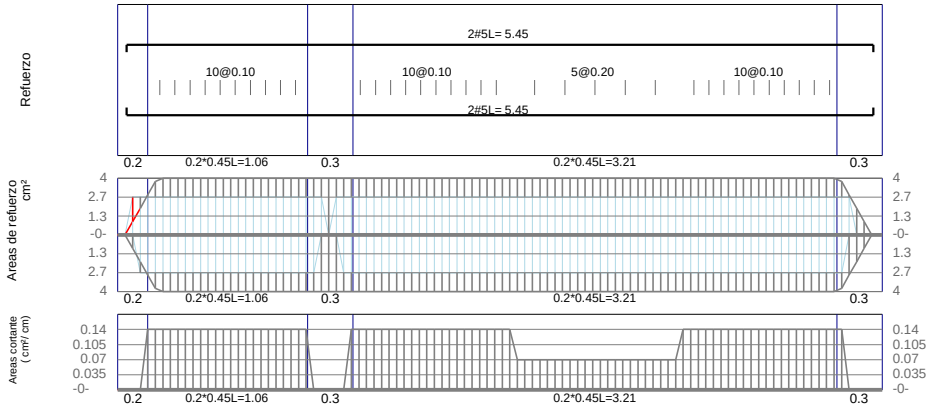
VG-A-216 / NE+3.23

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
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Norma: NSR-10 DMO	Código Nimbus

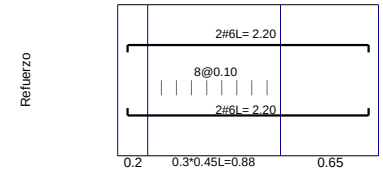
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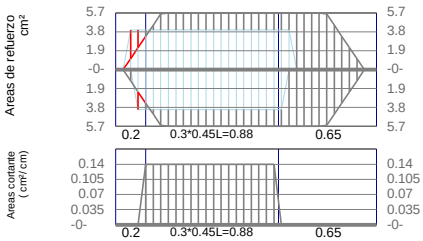
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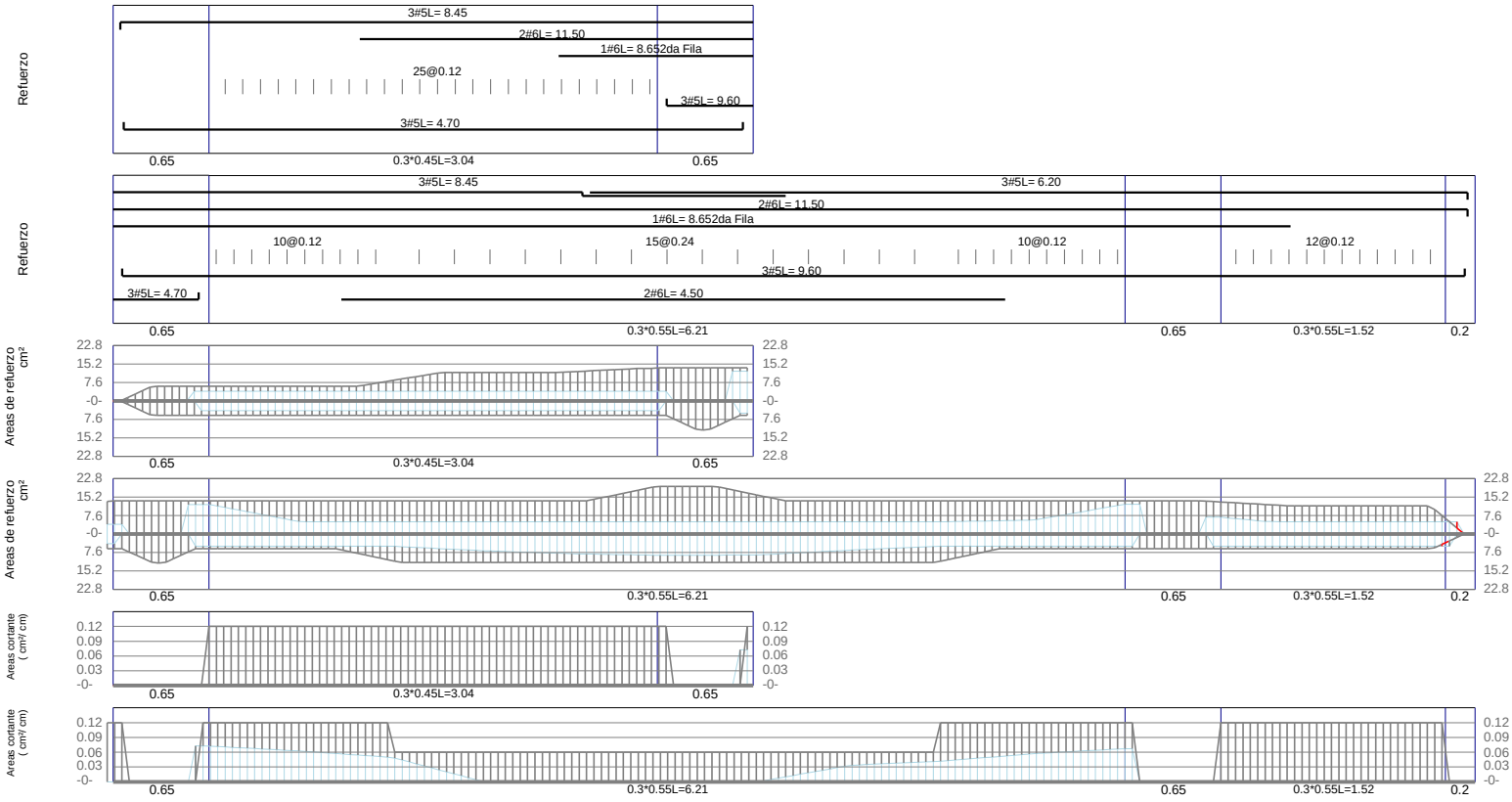
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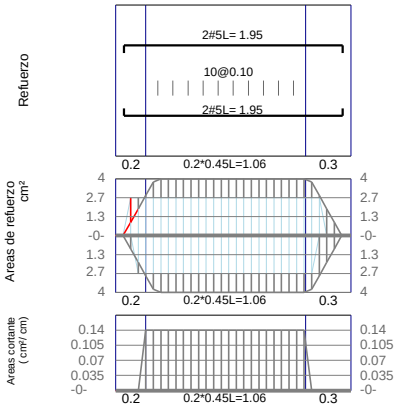
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



VG-A-220 / NE+3.23



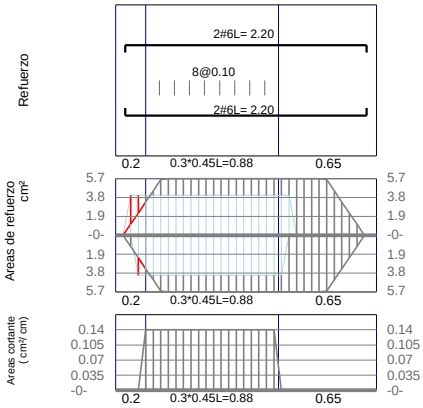
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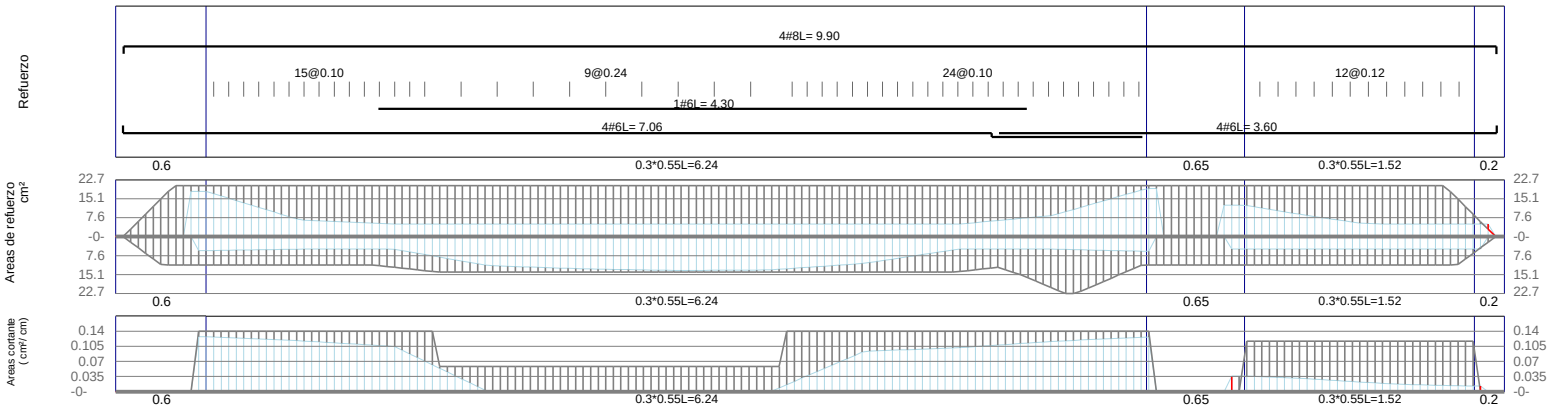
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Norma: NSR-10 DMO	Código Nimbus

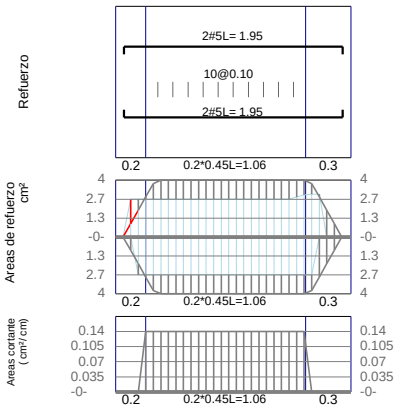
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VG-A-225 / NE+3.23



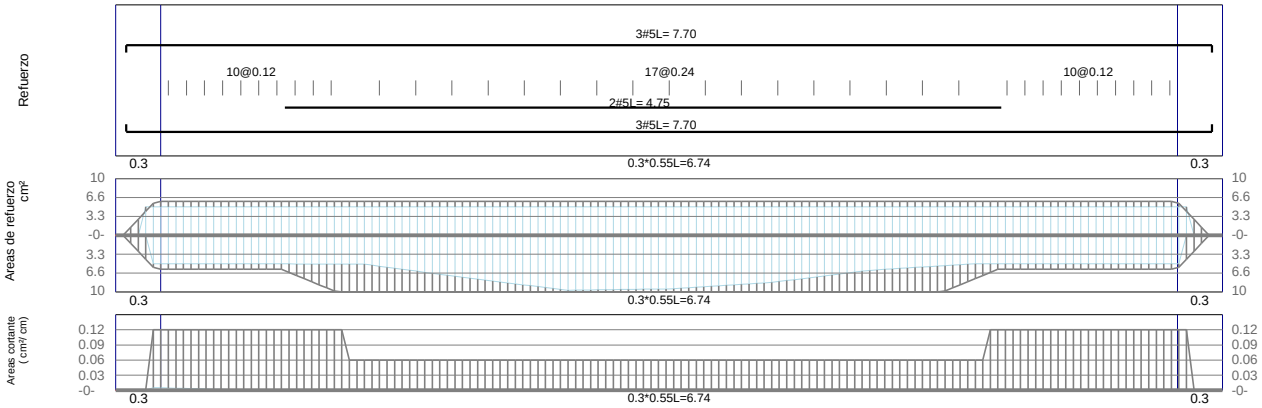
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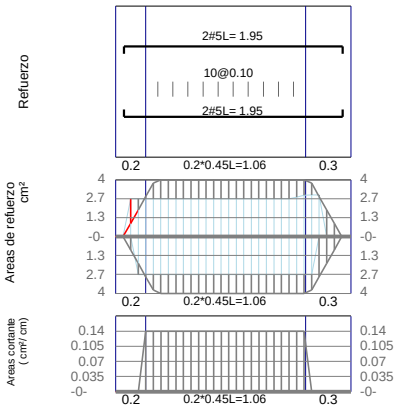
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Norma: NSR-10 DMO	Código Nimbus

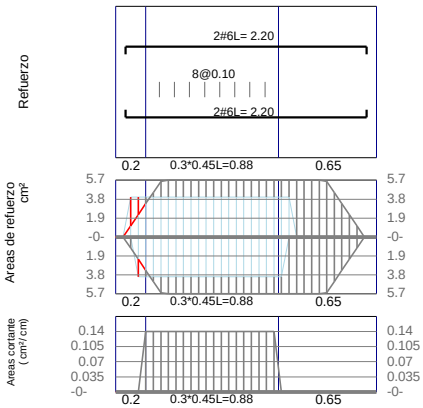
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VG-A-229 / NE+3.23



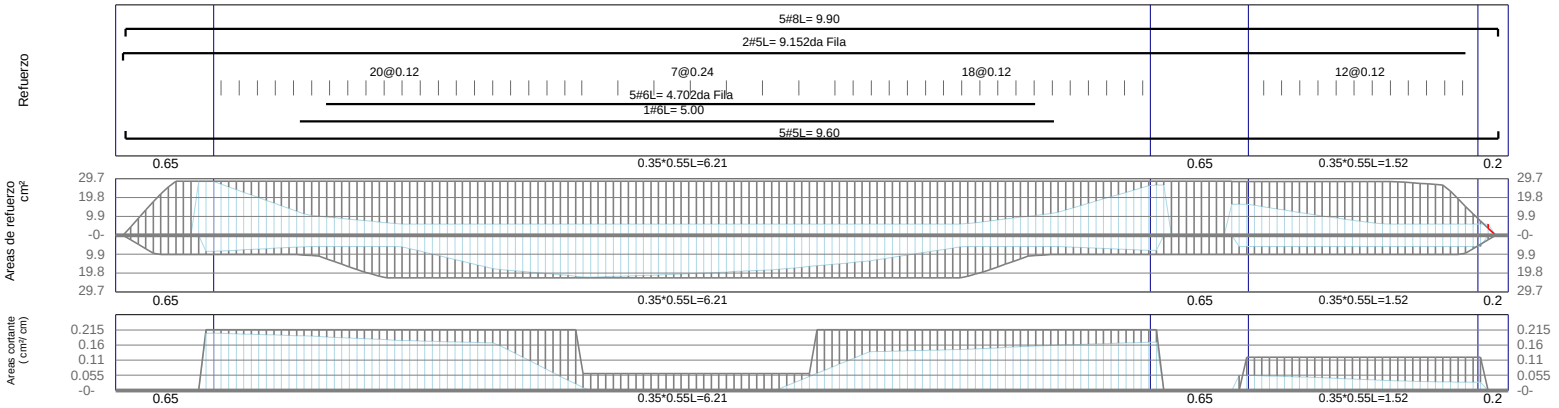
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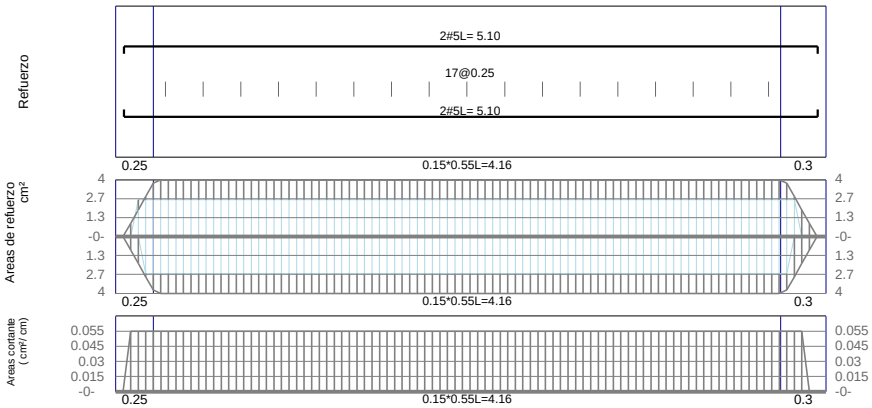
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Norma: NSR-10 DMO	Código Nimbus

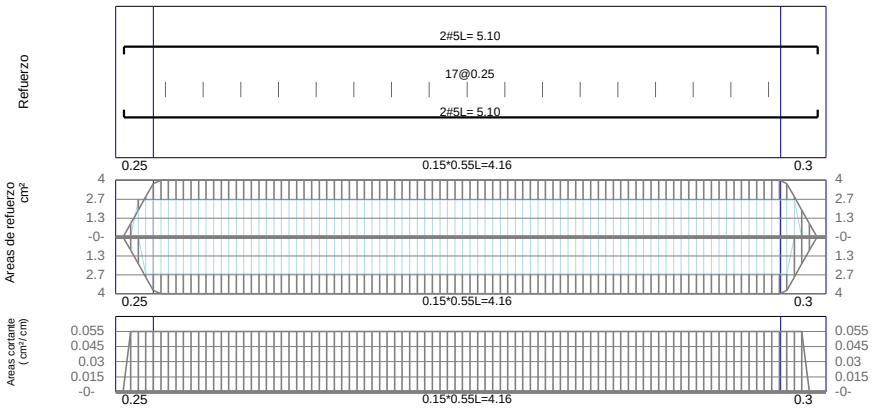
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VG-A-234 / NE+3.23



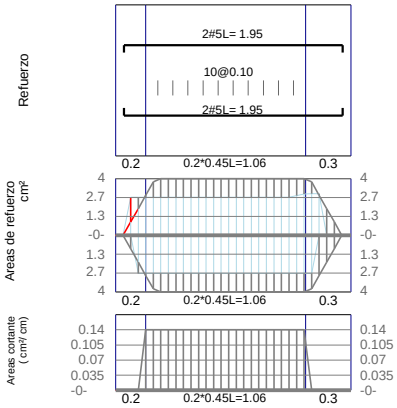
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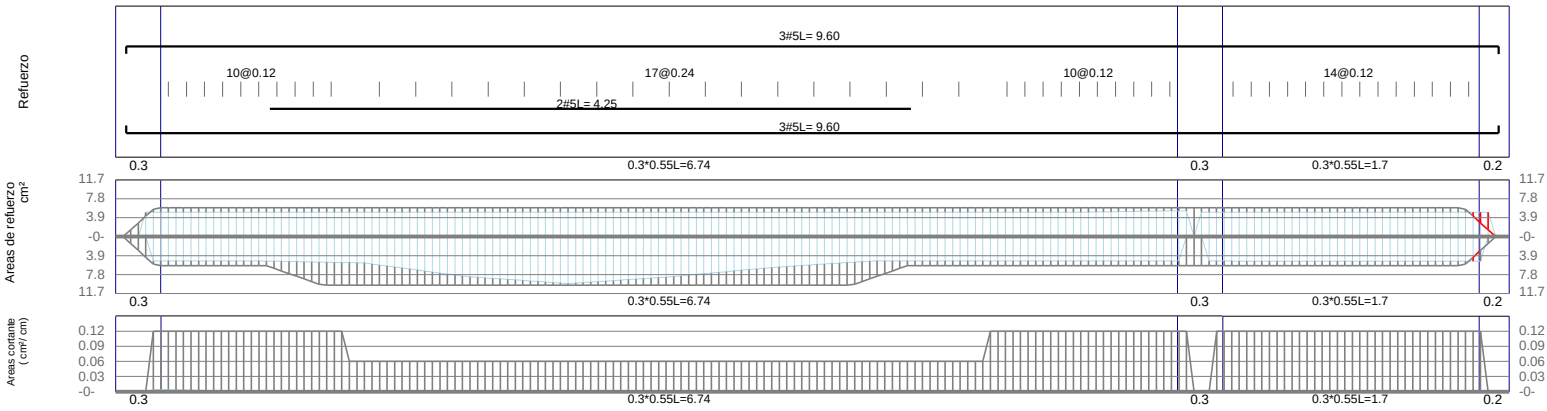
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Propietario	Diseño Arquitectónico
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Norma: NSR-10 DMO	Código Nimbus

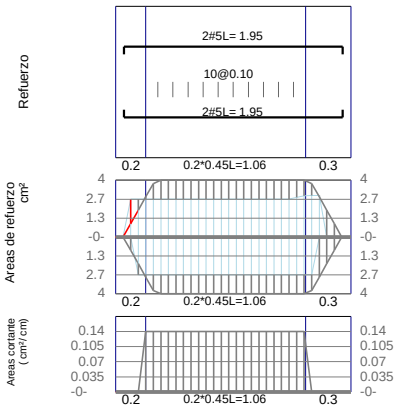
VG-A-236 / NE+3.23



VG-A-238 / NE+3.23



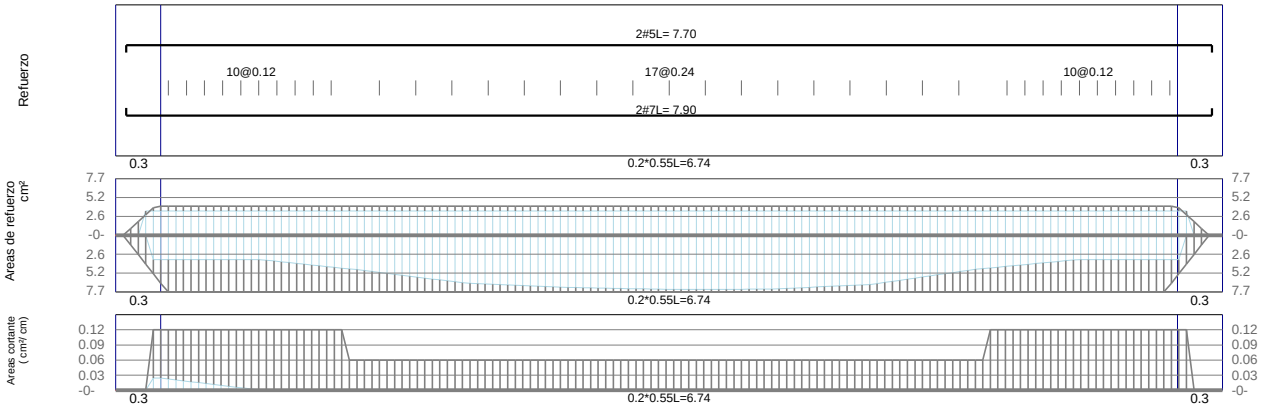
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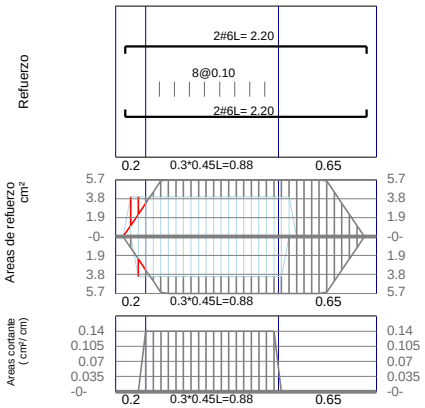
VG-A-241 / NE+3.23

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Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

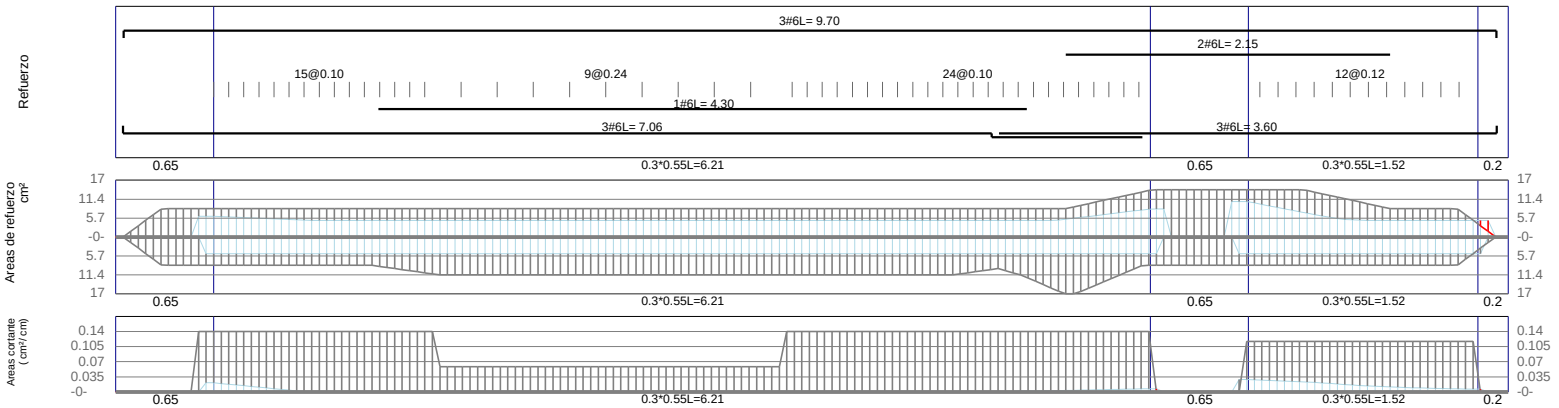
VG-A-241 / NE+3.23



VG-A-242 / NE+3.23



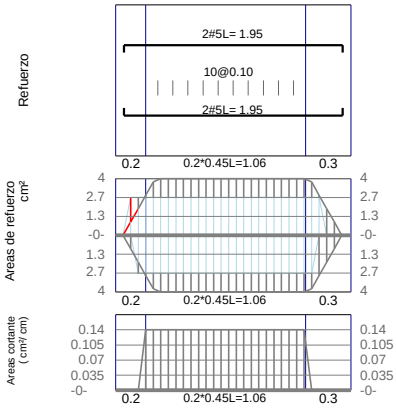
VG-A-244 / NE+3.23



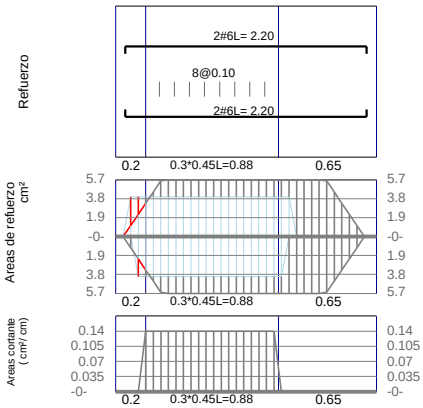
VG-A-245 / NE+3.23

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

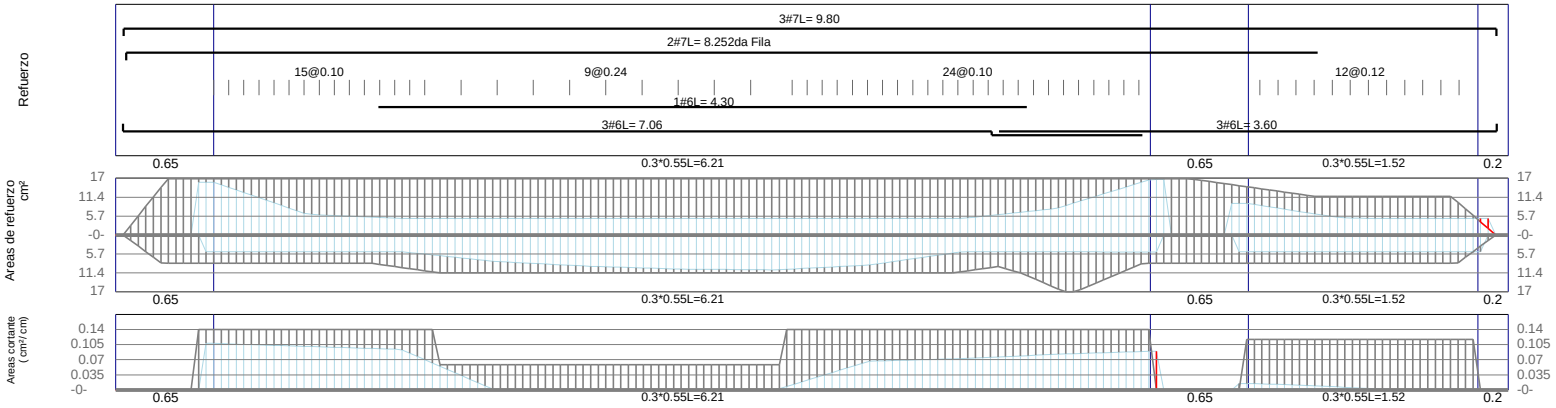
VG-A-245 / NE+3.23



VG-A-247 / NE+3.23



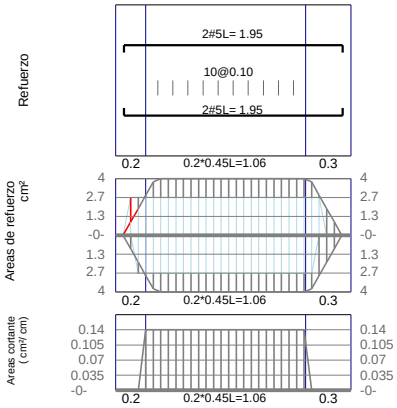
VG-A-249 / NE+3.23



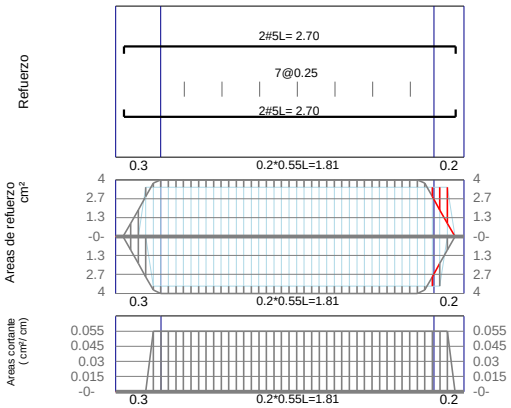
VG-A-250 / NE+3.23

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

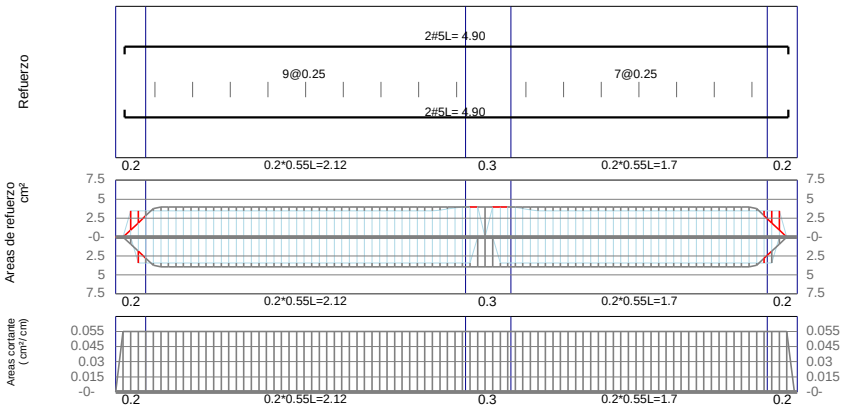
VG-A-250 / NE+3.23



VG-A-252 / NE+3.23



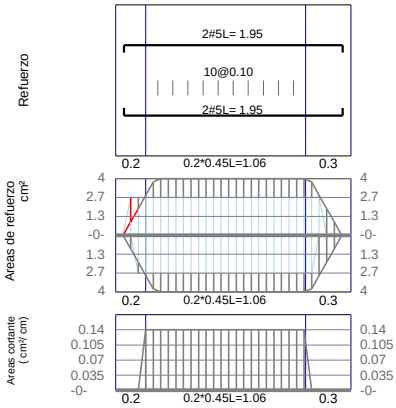
VG-A-253 / NE+3.23



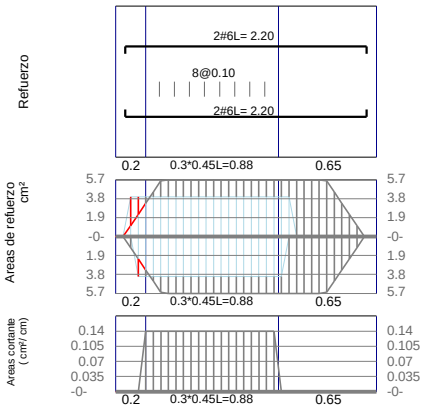
VG-A-254 / NE+3.23

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

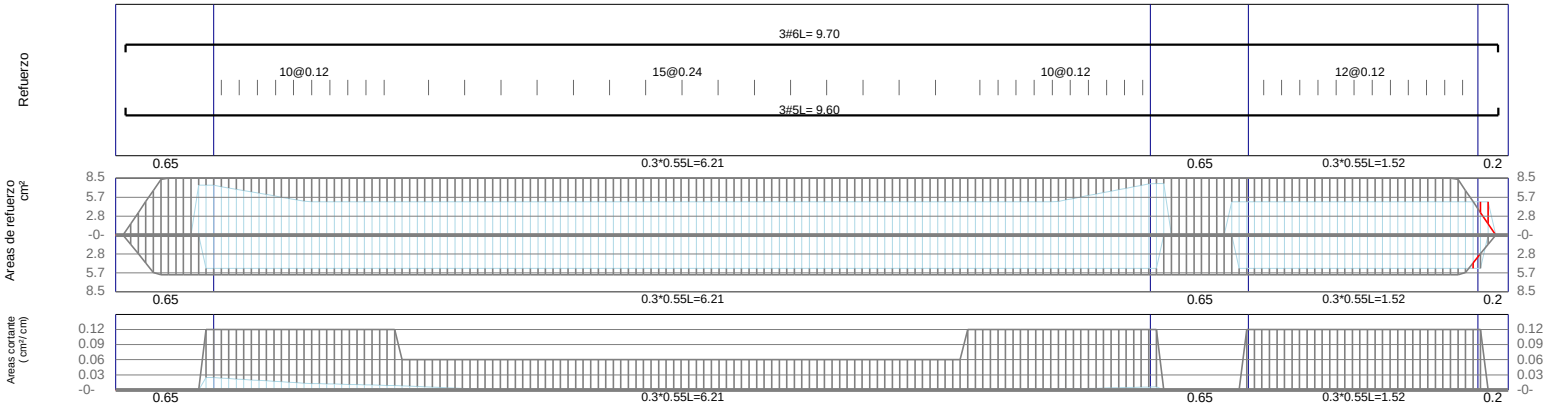
VG-A-254 / NE+3.23



VG-A-256 / NE+3.23



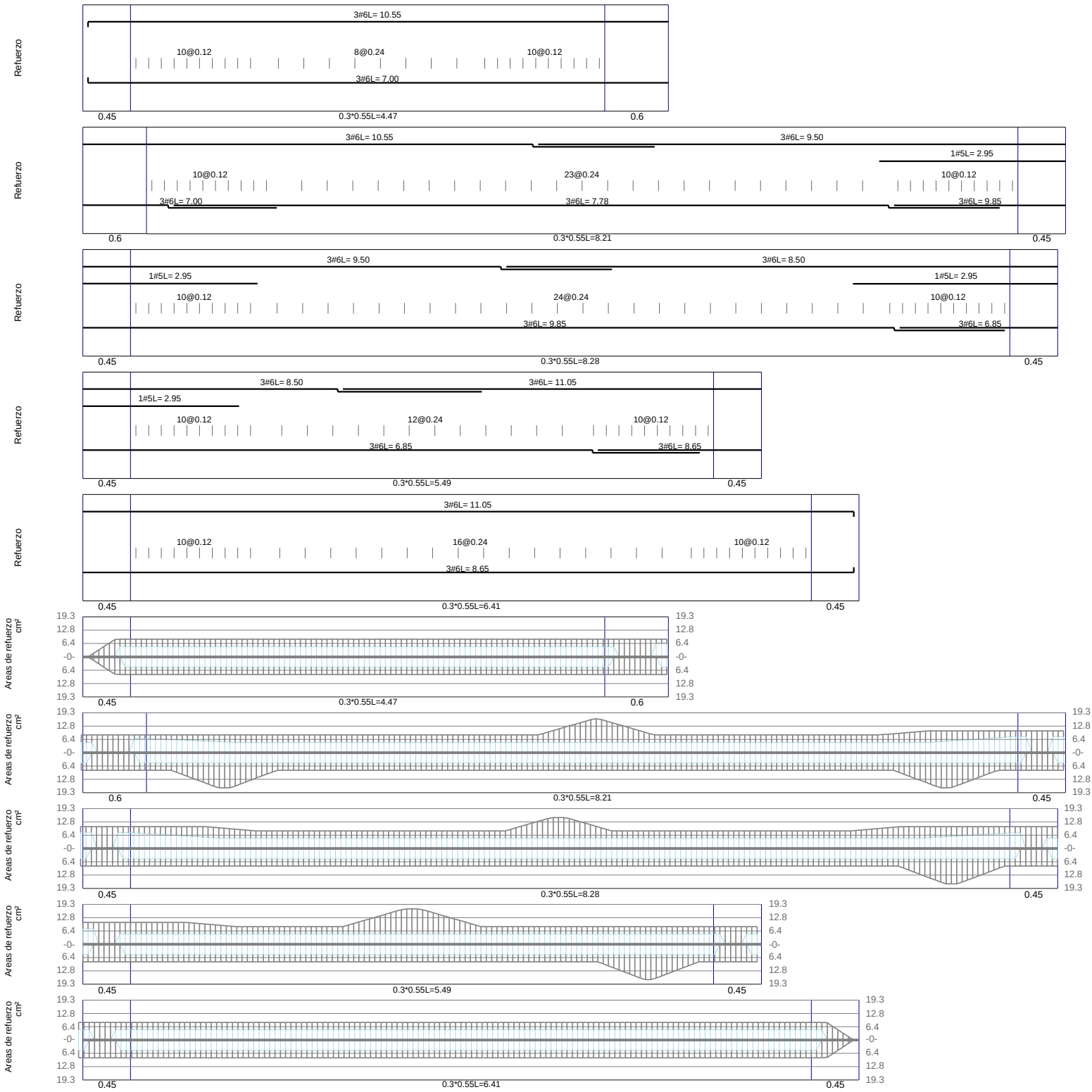
VG-A-258 / NE+3.23



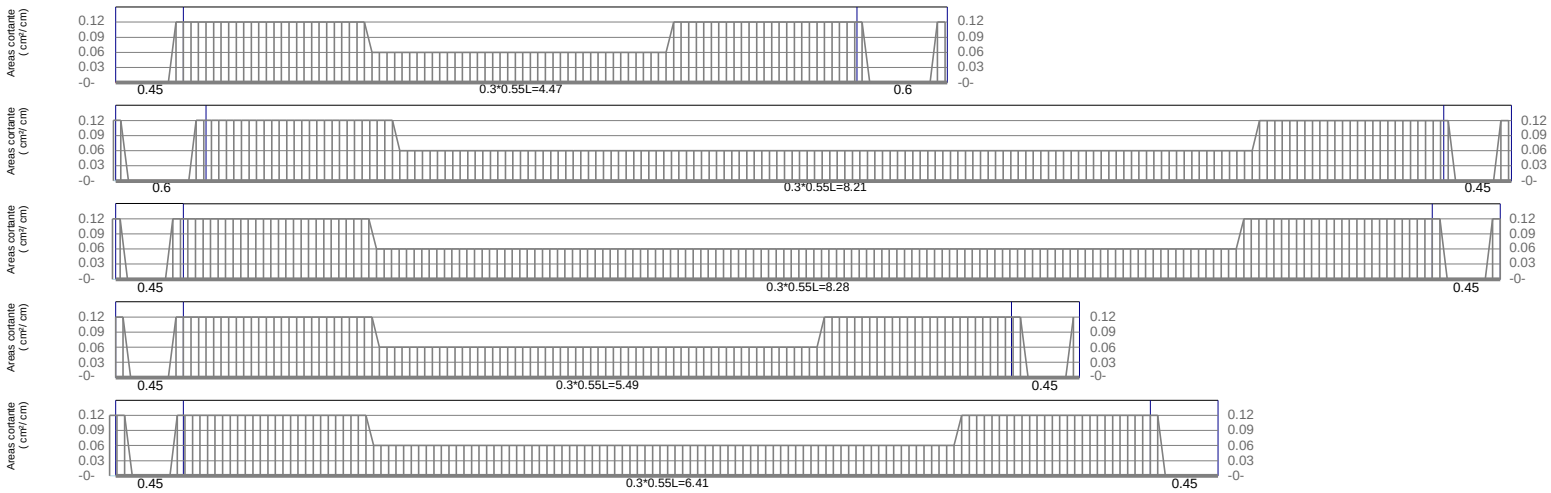
VG-A-203 / NE+4.93

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

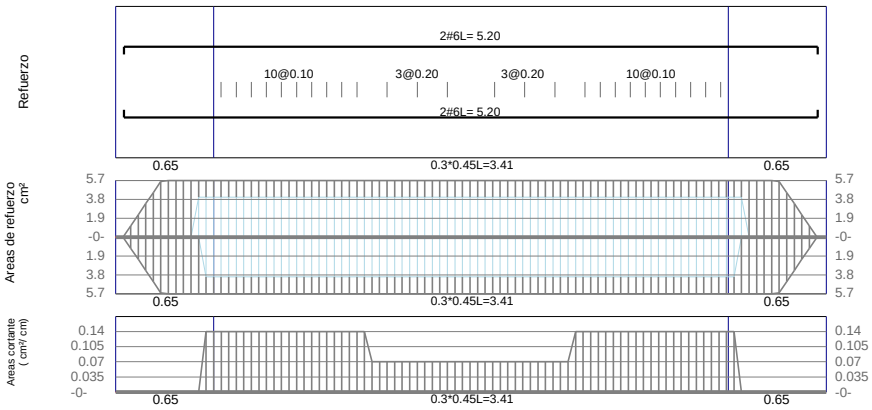
VG-A-203 / NE+4.93



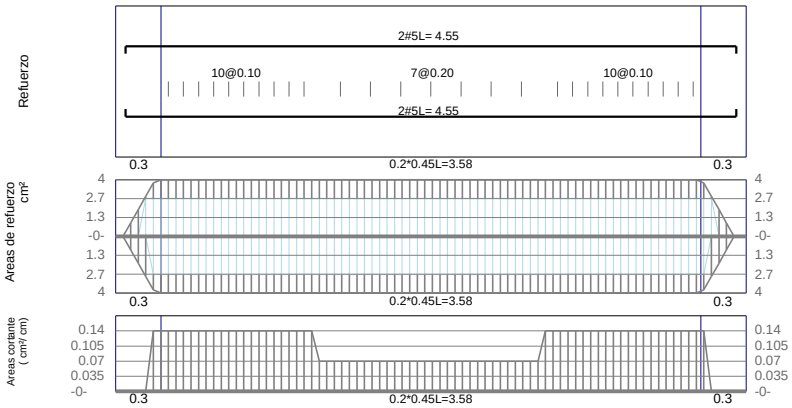
Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



VG-A-219 / NE+4.93



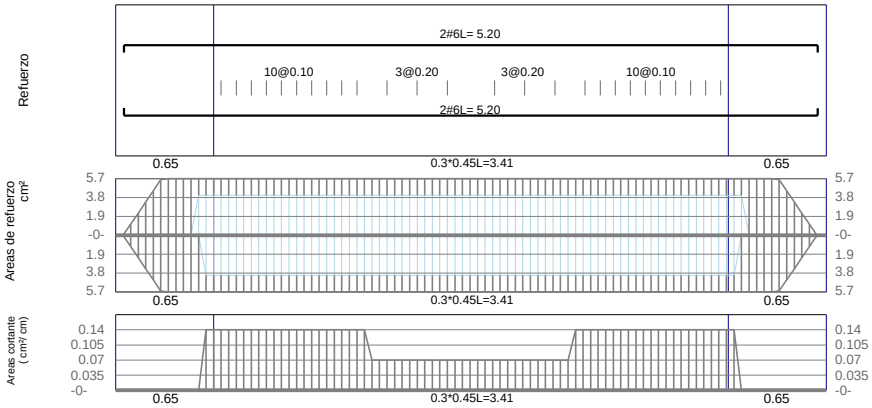
VG-A-222 / NE+4.93



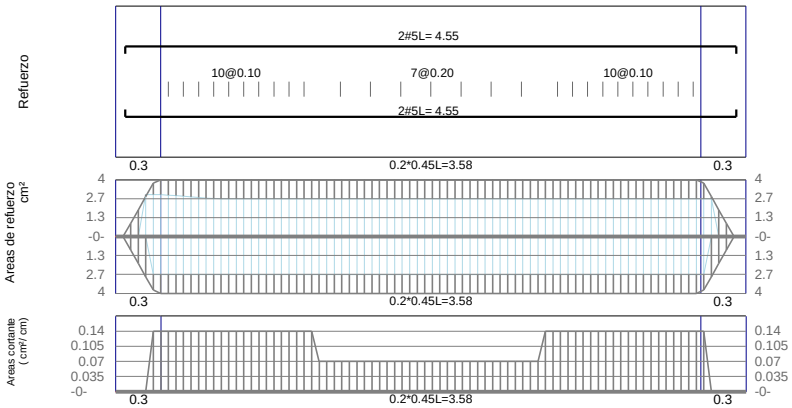
VG-A-224 / NE+4.93

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

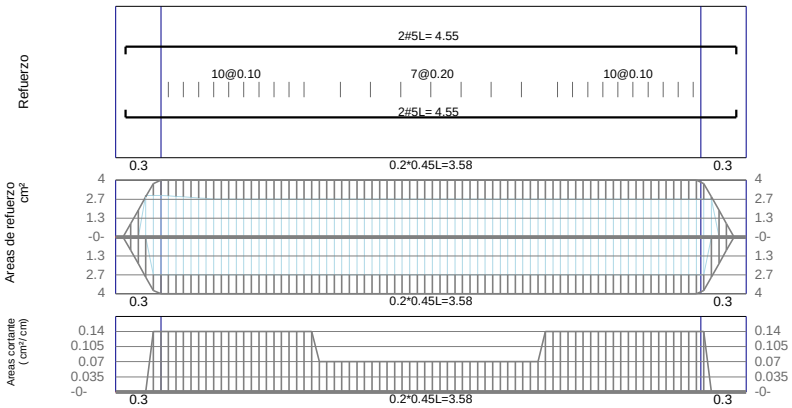
VG-A-224 / NE+4.93



VG-A-227 / NE+4.93



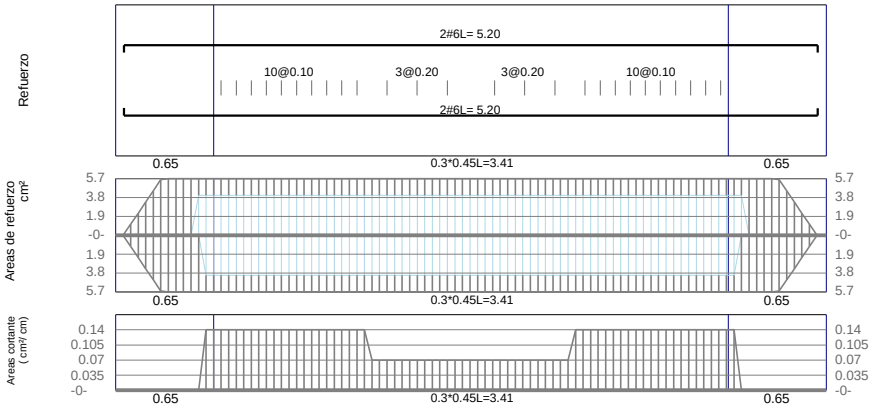
VG-A-230 / NE+4.93



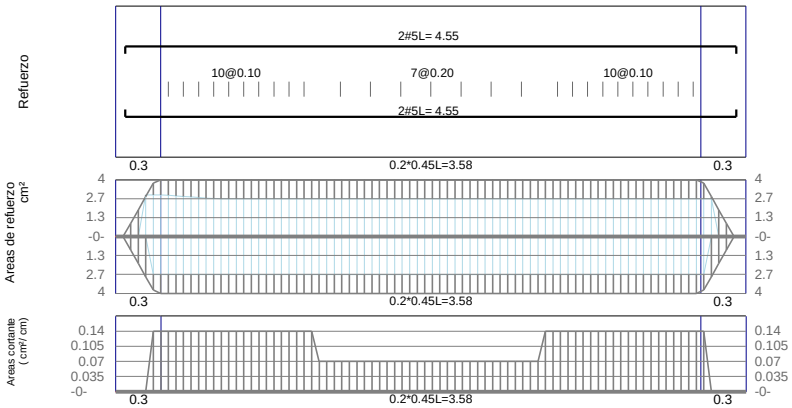
VG-A-232 / NE+4.93

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

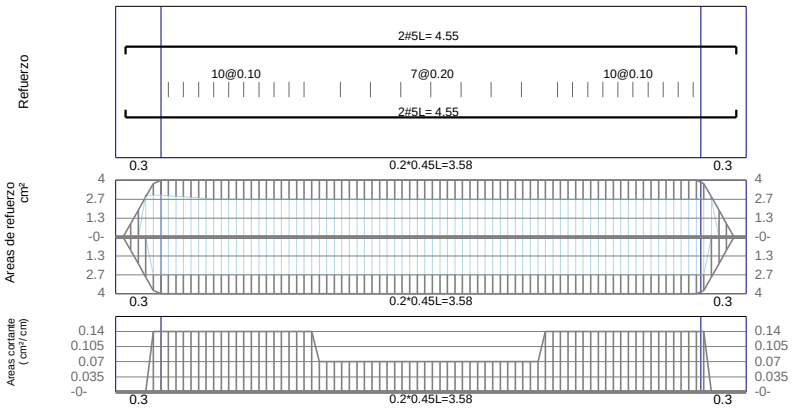
VG-A-232 / NE+4.93



VG-A-237 / NE+4.93



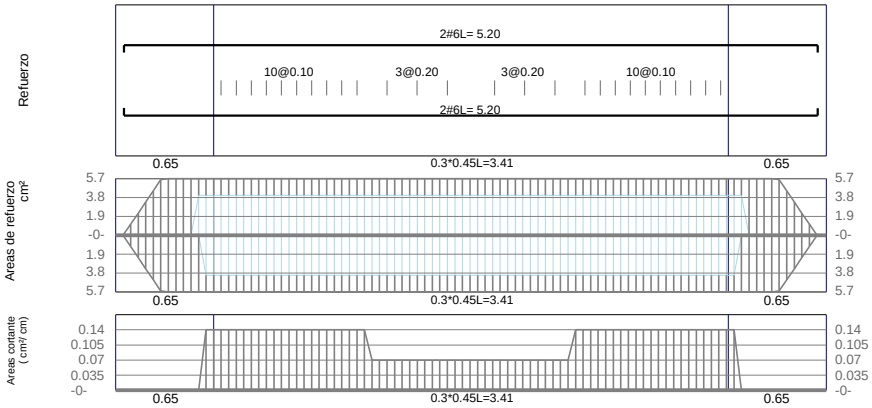
VG-A-240 / NE+4.93



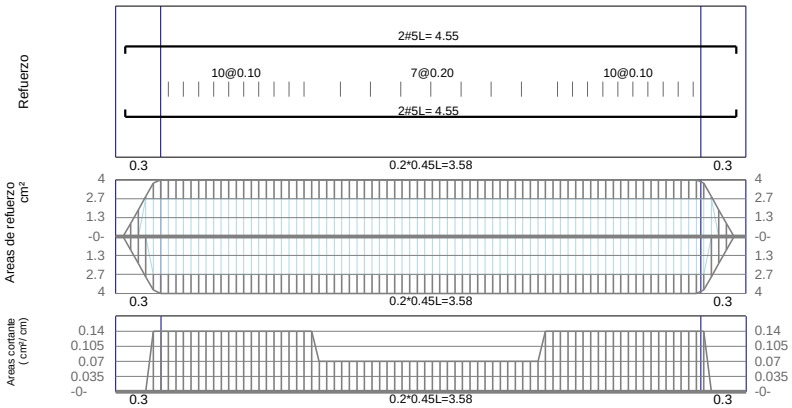
VG-A-243 / NE+4.93

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

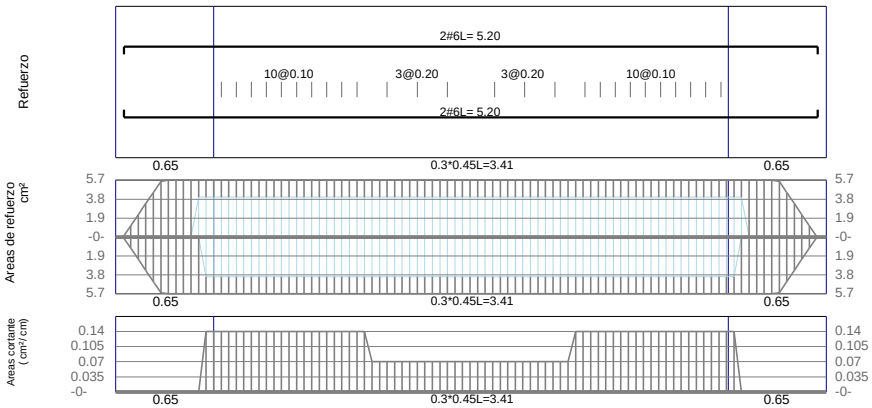
VG-A-243 / NE+4.93



VG-A-246 / NE+4.93



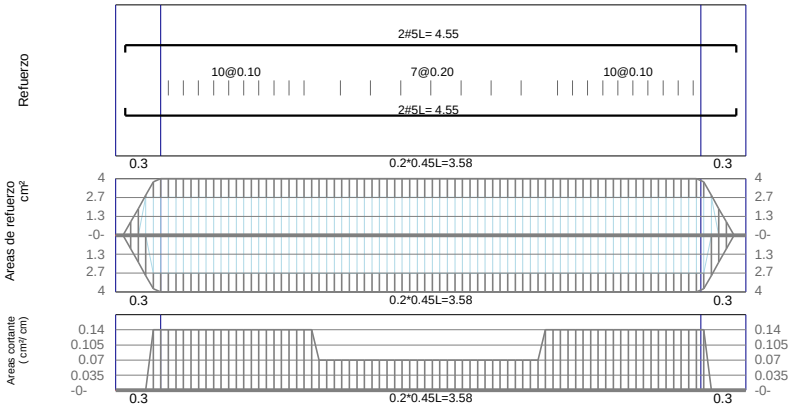
VG-A-248 / NE+4.93



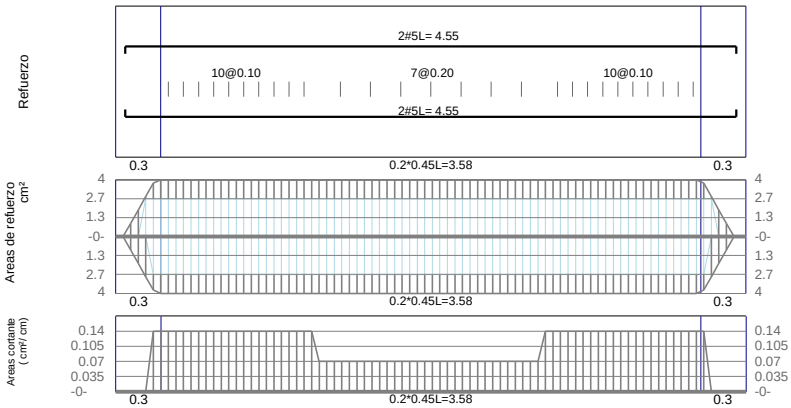
VG-A-251 / NE+4.93

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

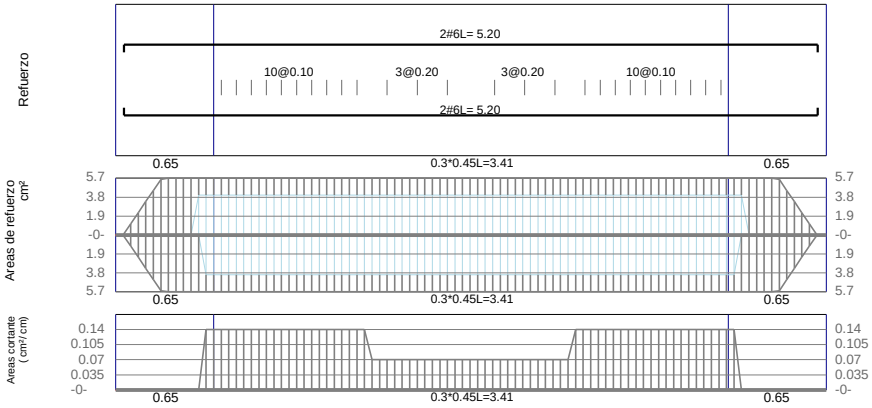
VG-A-251 / NE+4.93



VG-A-255 / NE+4.93

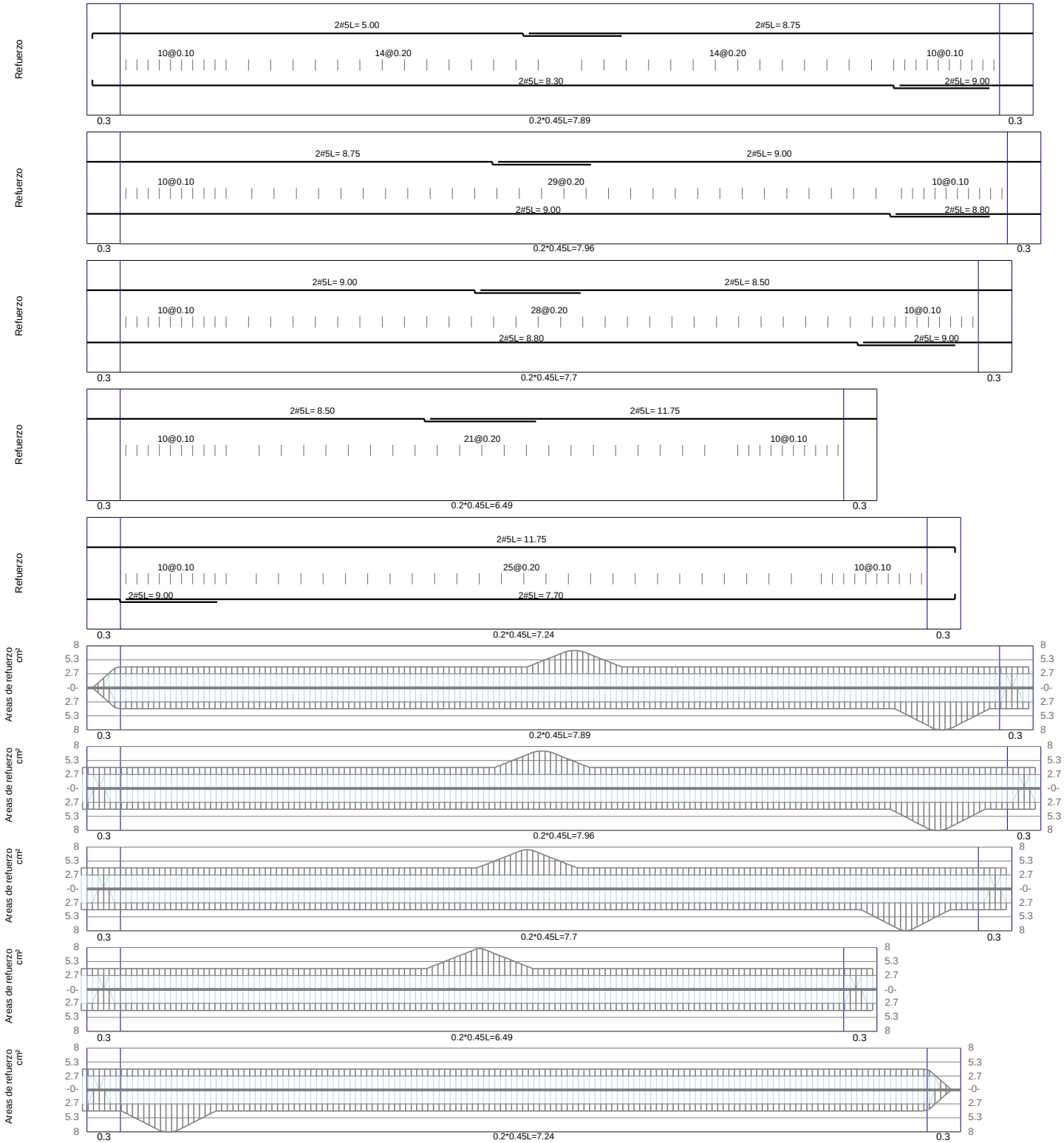


VG-A-257 / NE+4.93

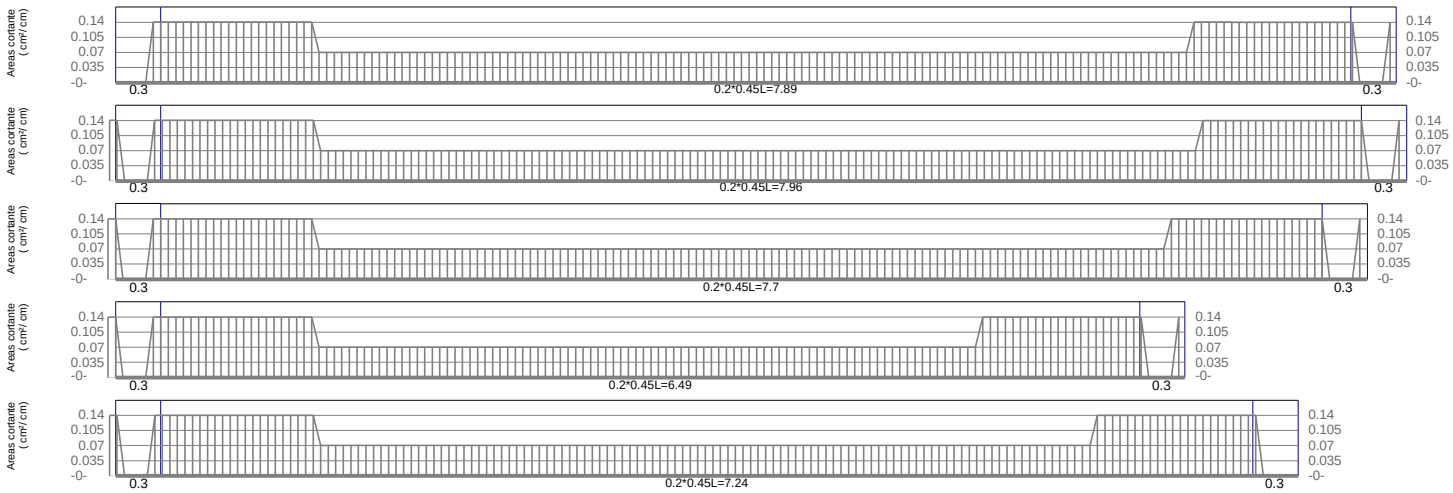


Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

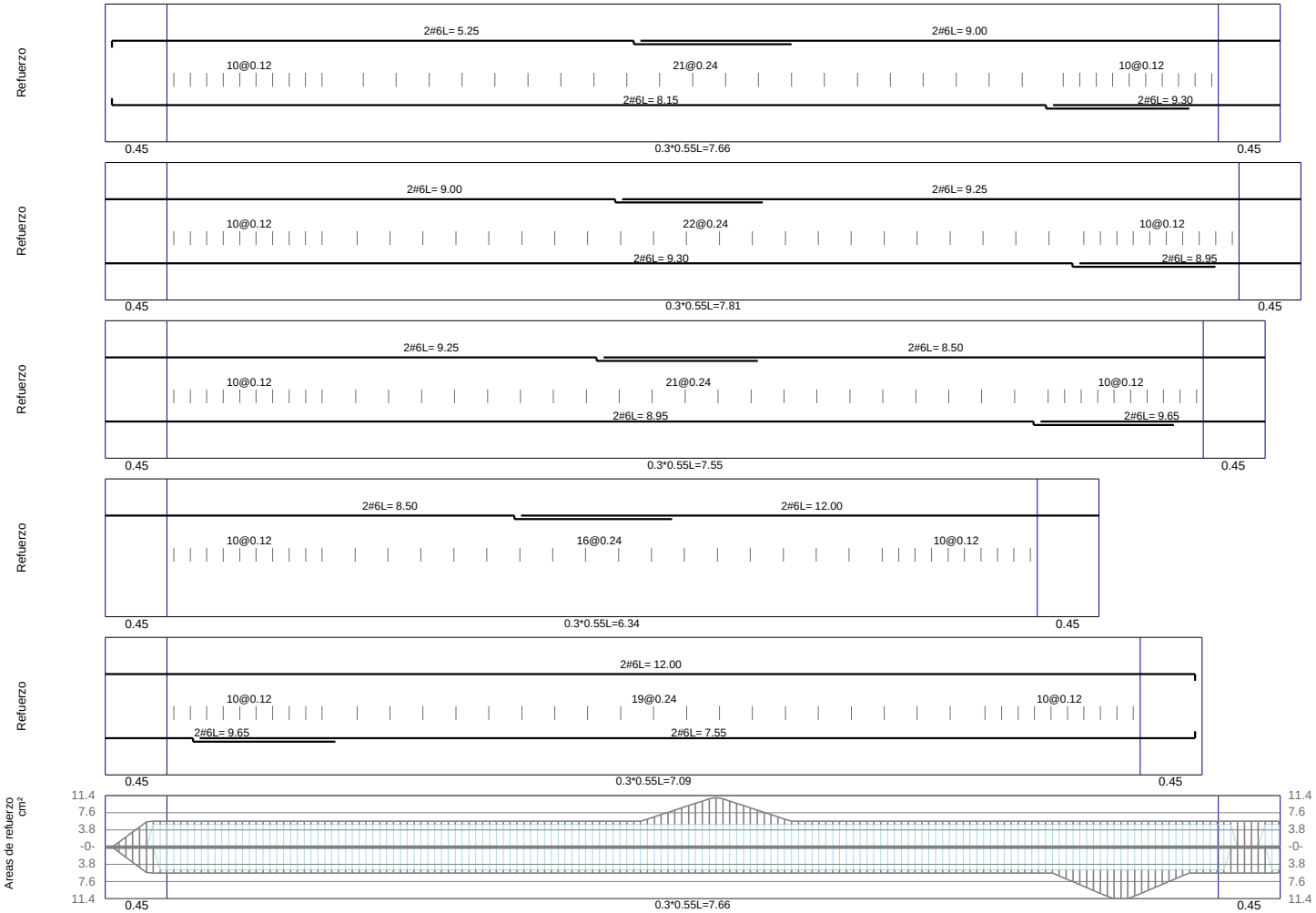
VG-B-201 / NE+3.23



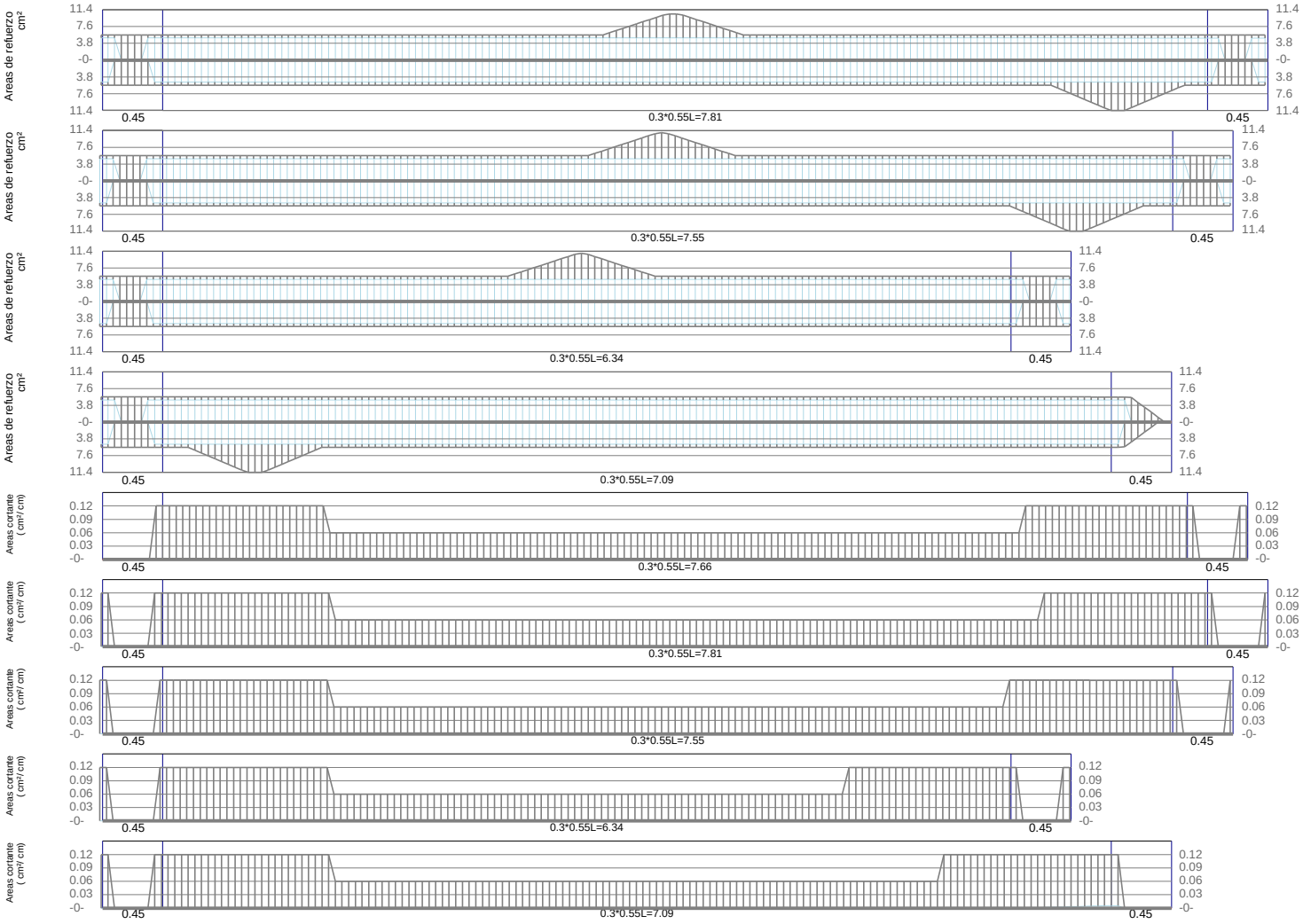
Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



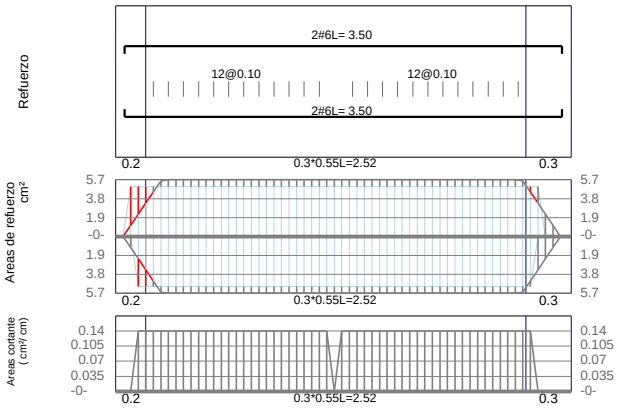
VG-B-202 / NE+3.23



Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



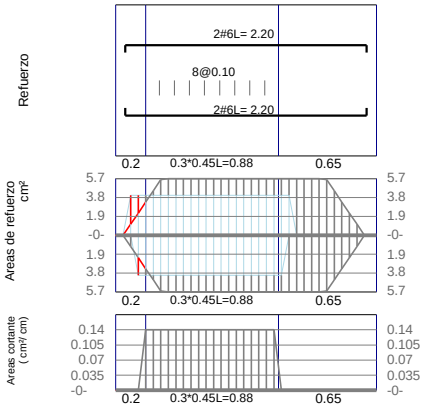
VG-B-203 / NE+3.23



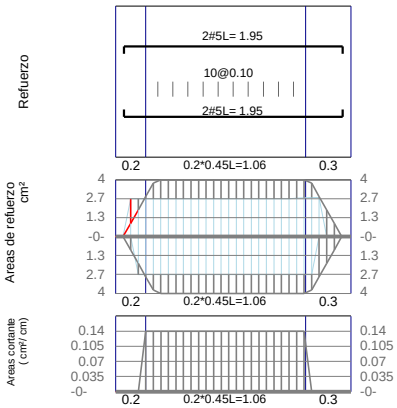
VG-B-209 / NE+3.23

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

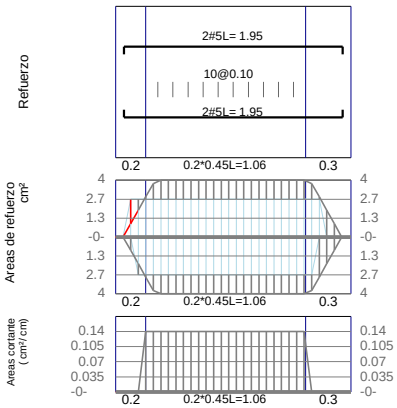
VG-B-209 / NE+3.23



VG-B-212 / NE+3.23



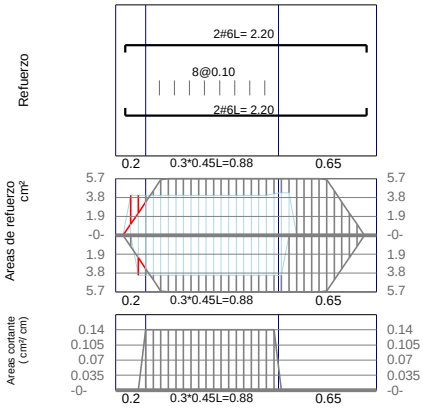
VG-B-214 / NE+3.23



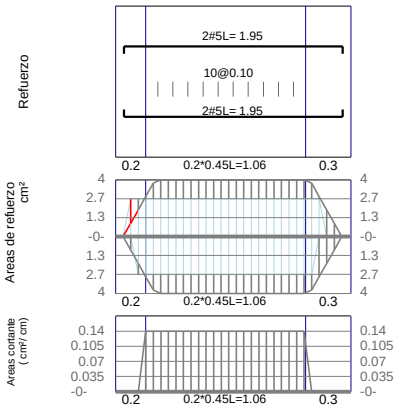
VG-B-216 / NE+3.23

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

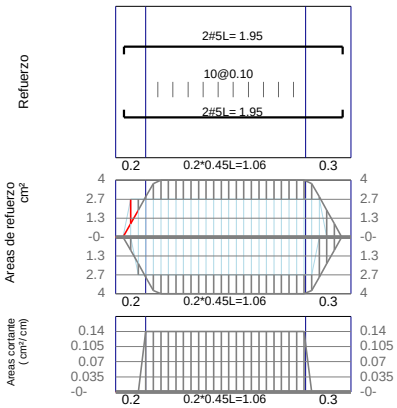
VG-B-216 / NE+3.23



VG-B-219 / NE+3.23



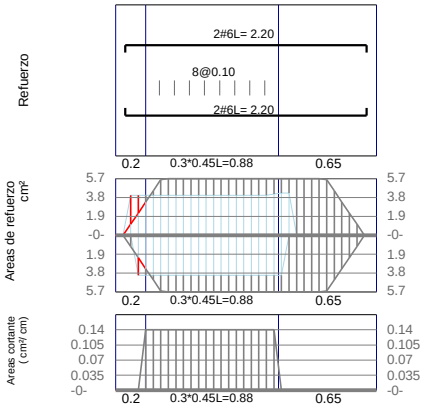
VG-B-221 / NE+3.23



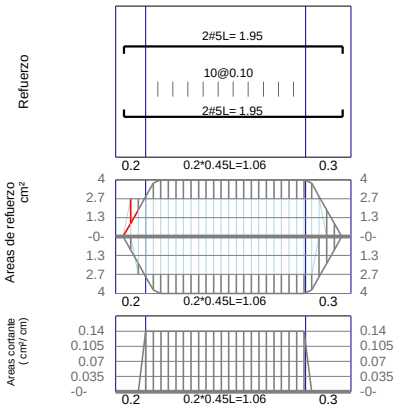
VG-B-223 / NE+3.23

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

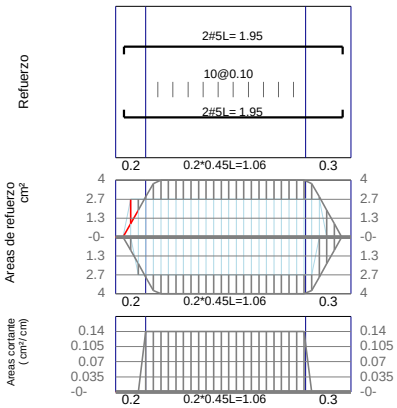
VG-B-223 / NE+3.23



VG-B-226 / NE+3.23



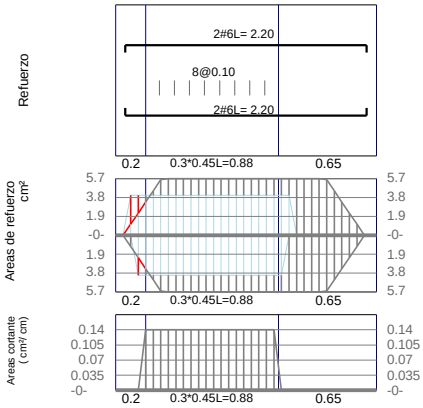
VG-B-228 / NE+3.23



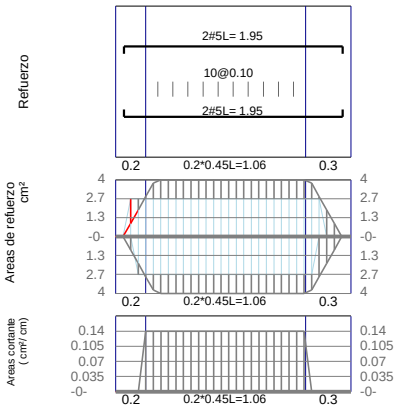
VG-B-230 / NE+3.23

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

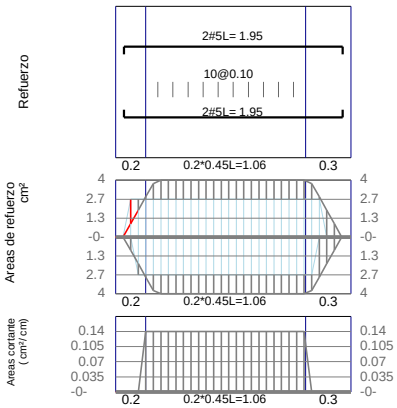
VG-B-230 / NE+3.23



VG-B-233 / NE+3.23



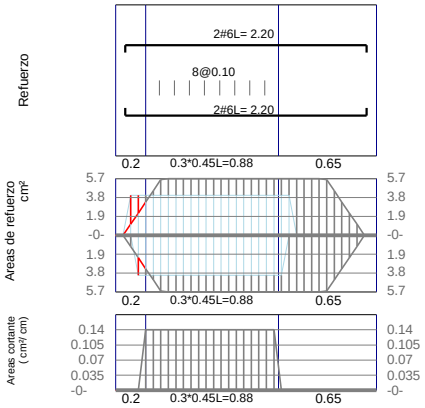
VG-B-235 / NE+3.23



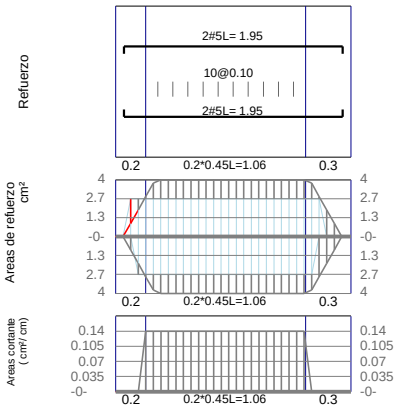
VG-B-237 / NE+3.23

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

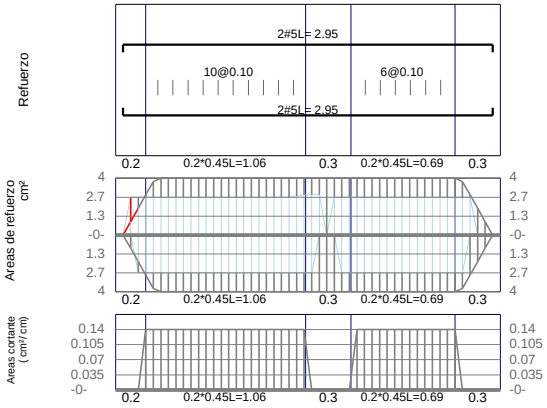
VG-B-237 / NE+3.23



VG-B-240 / NE+3.23



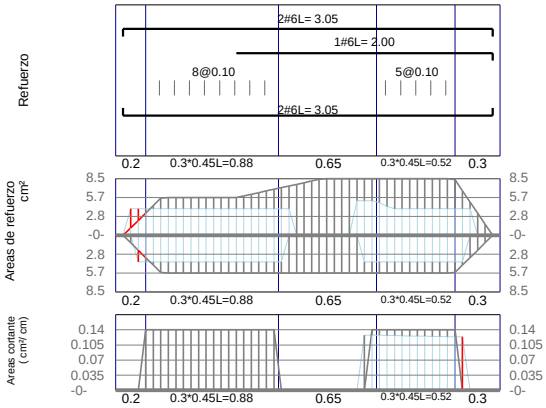
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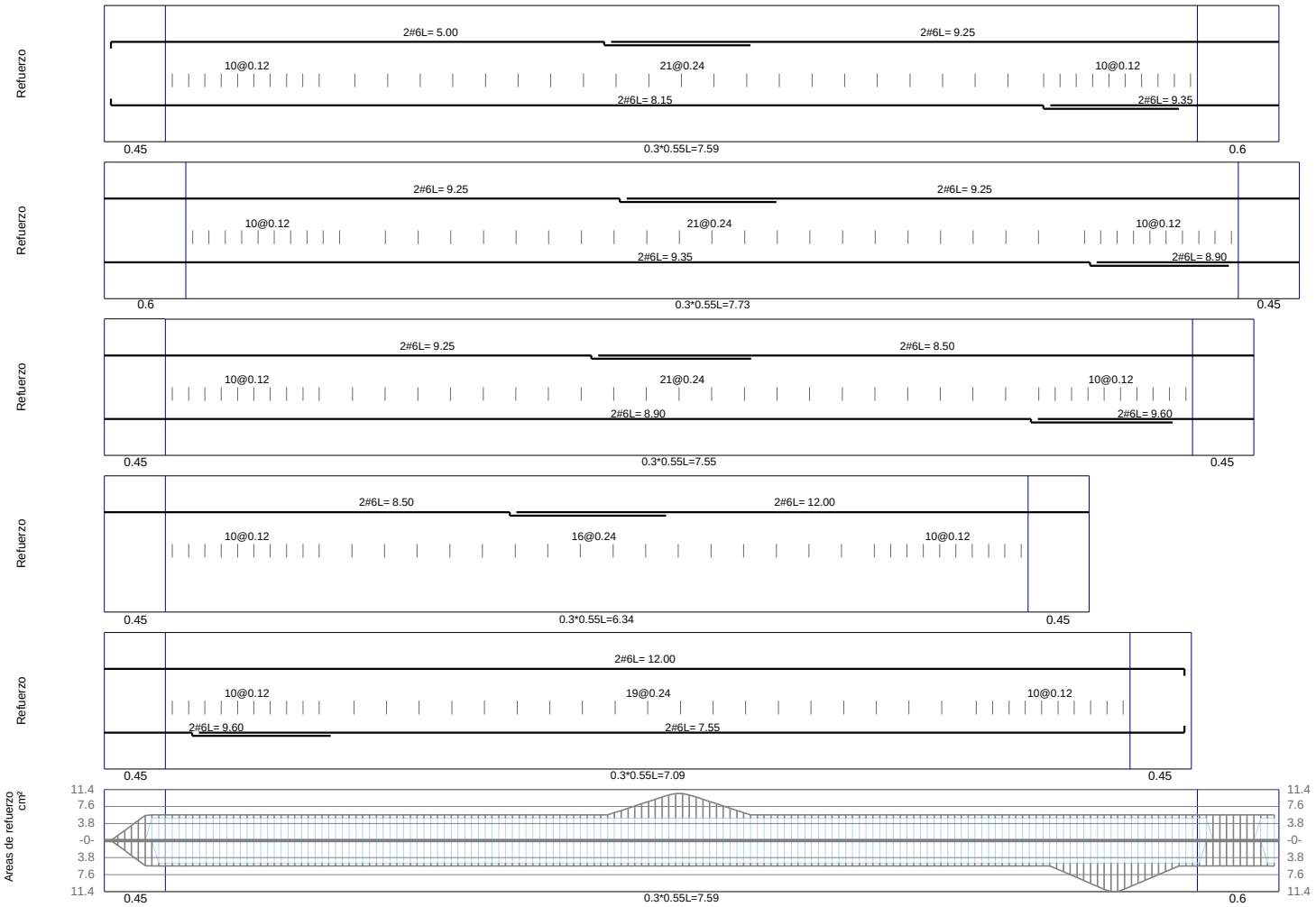
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

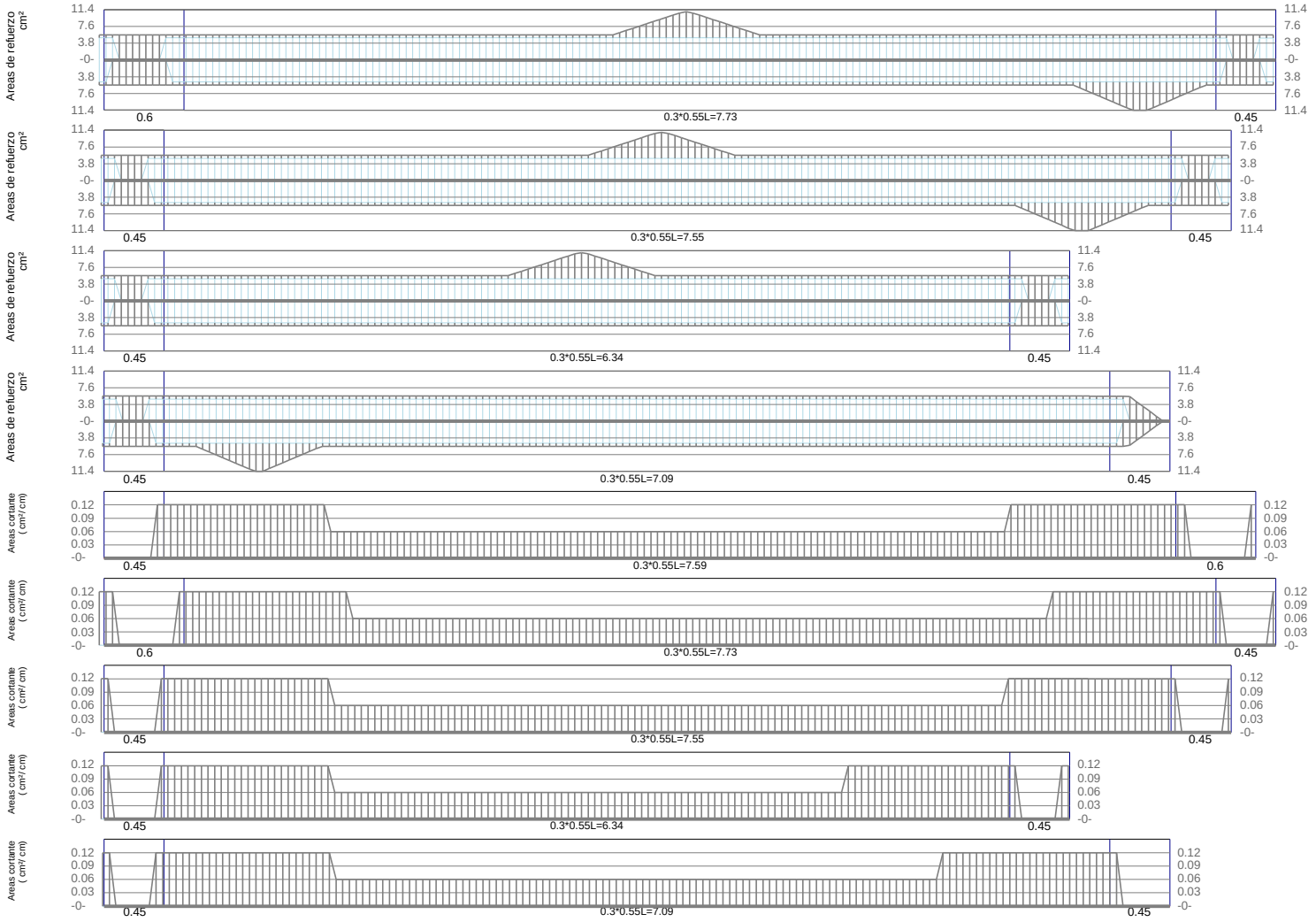
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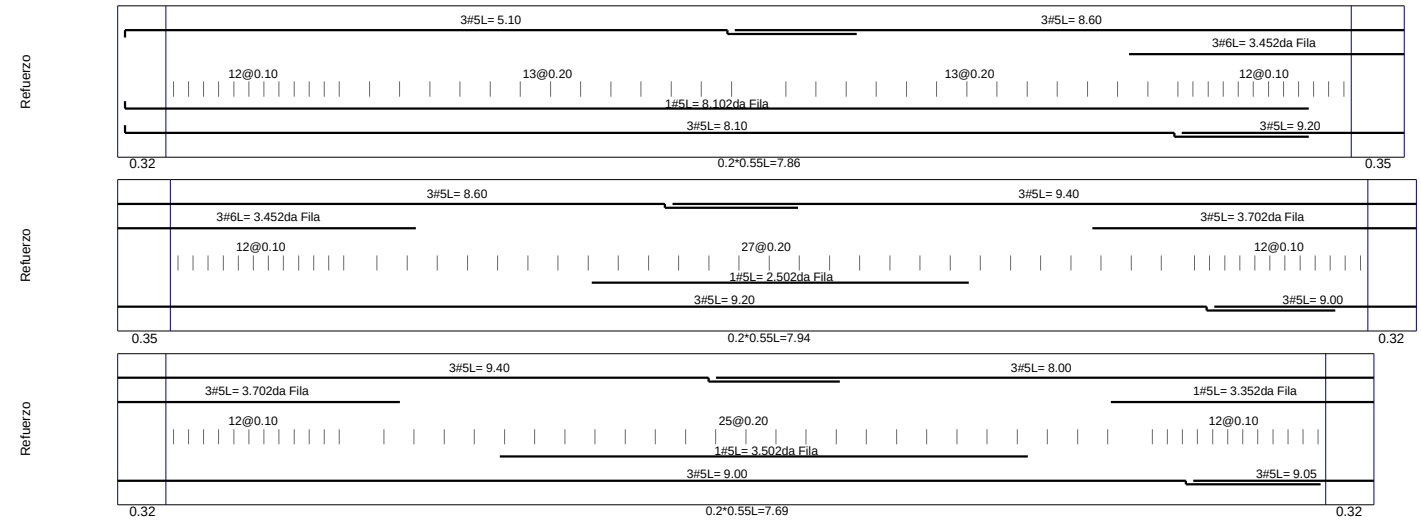
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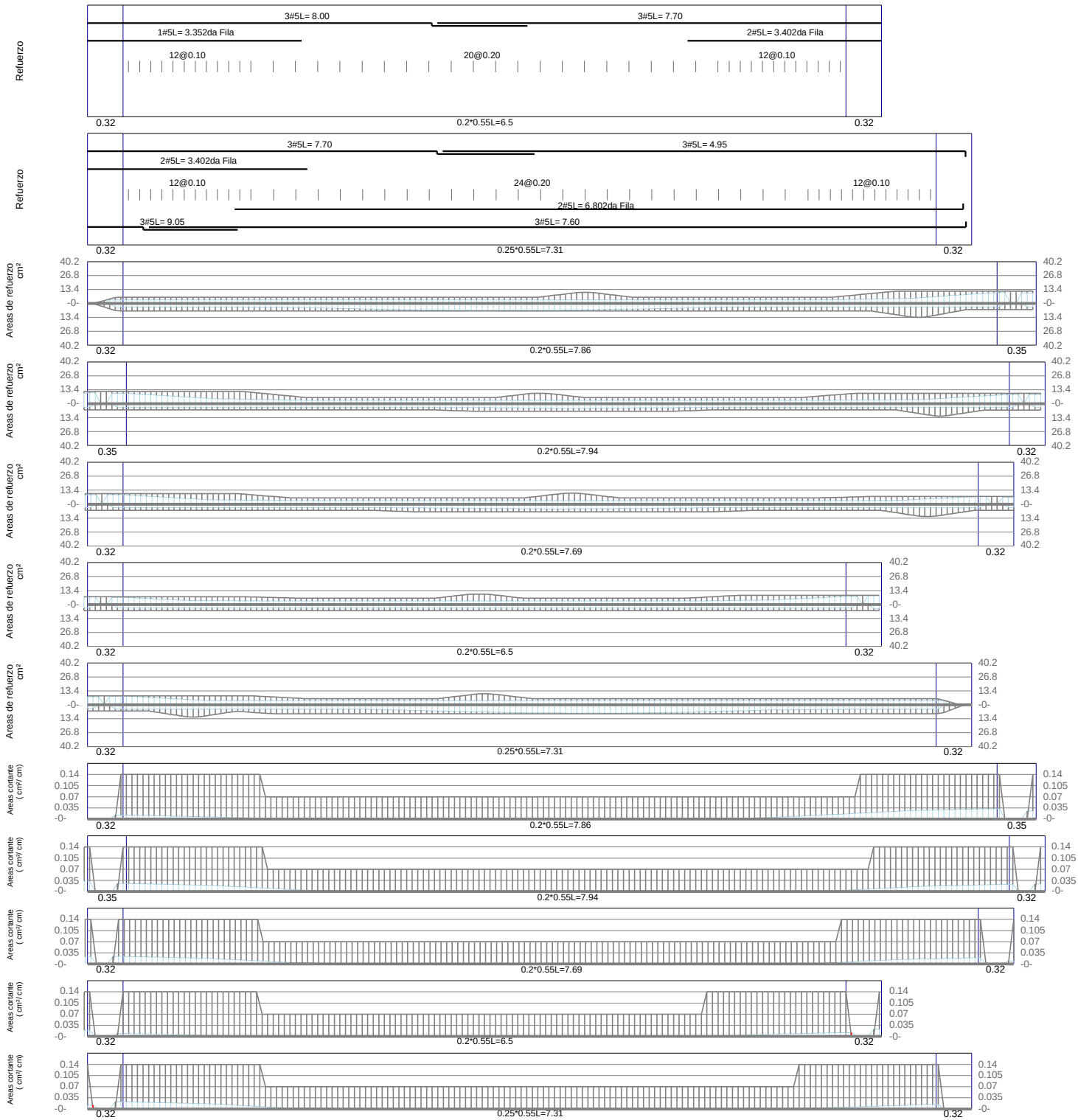
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



VG-B-305 / NE+4.93



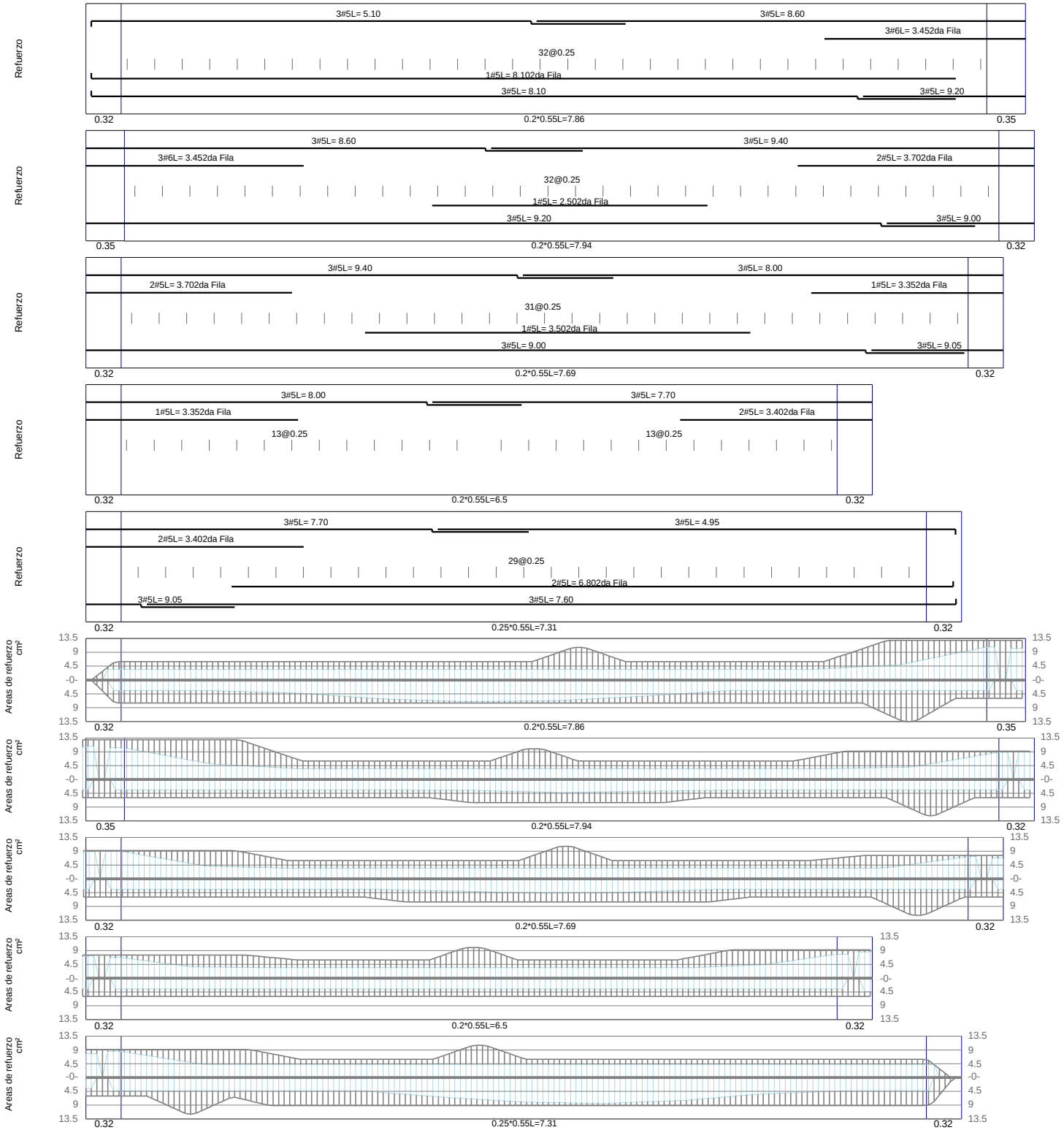
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



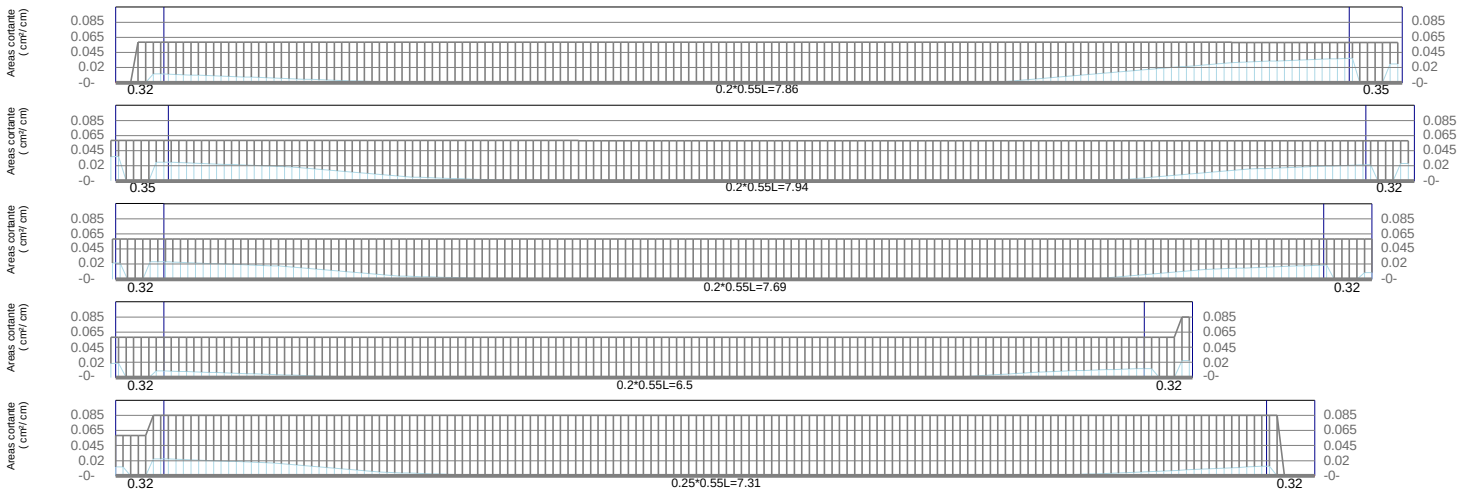
VG-B-306 / NE+4.93

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Propietario	Diseño Arquitectónico
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Norma: NSR-10 DMO	Código Nimbus

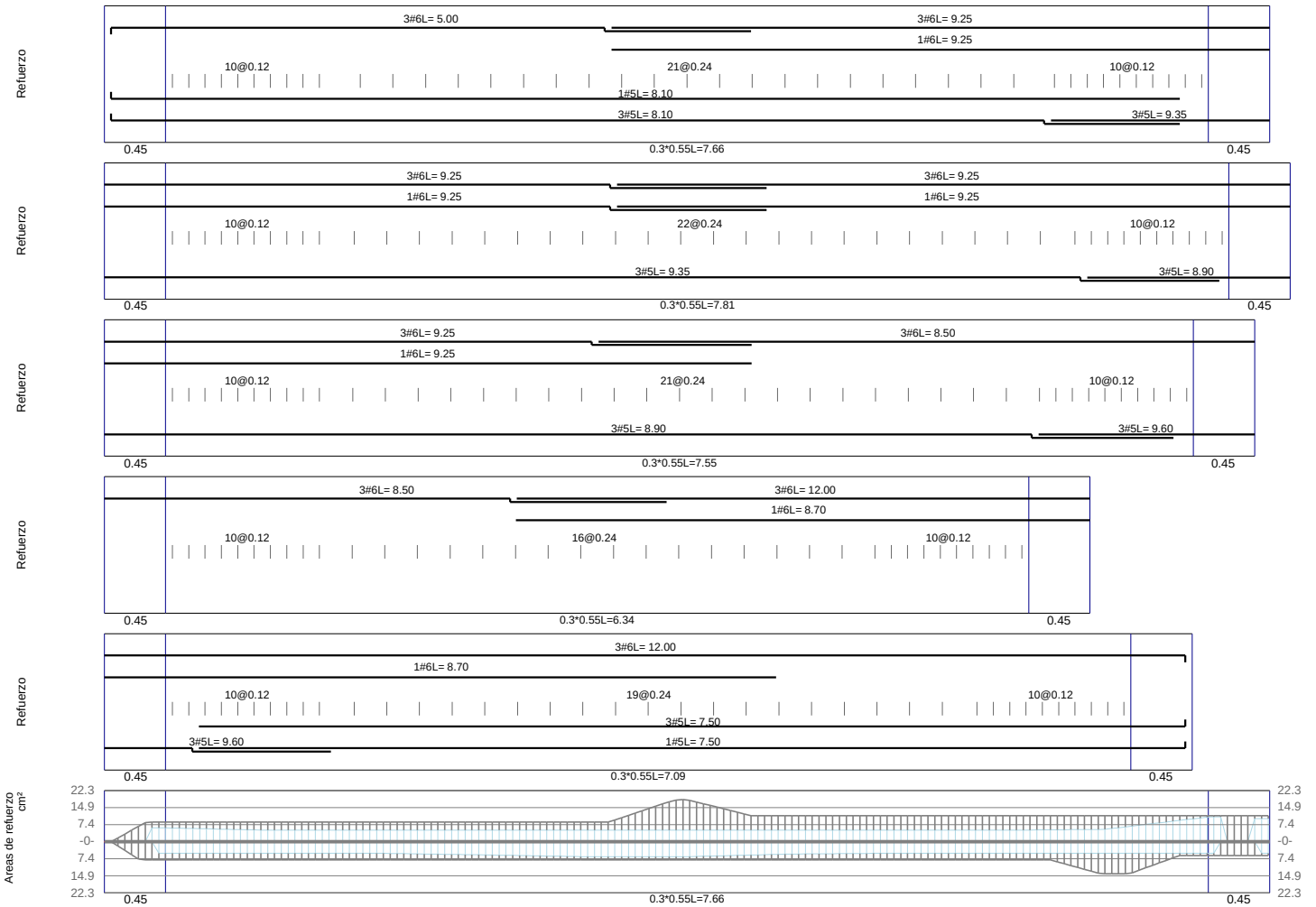
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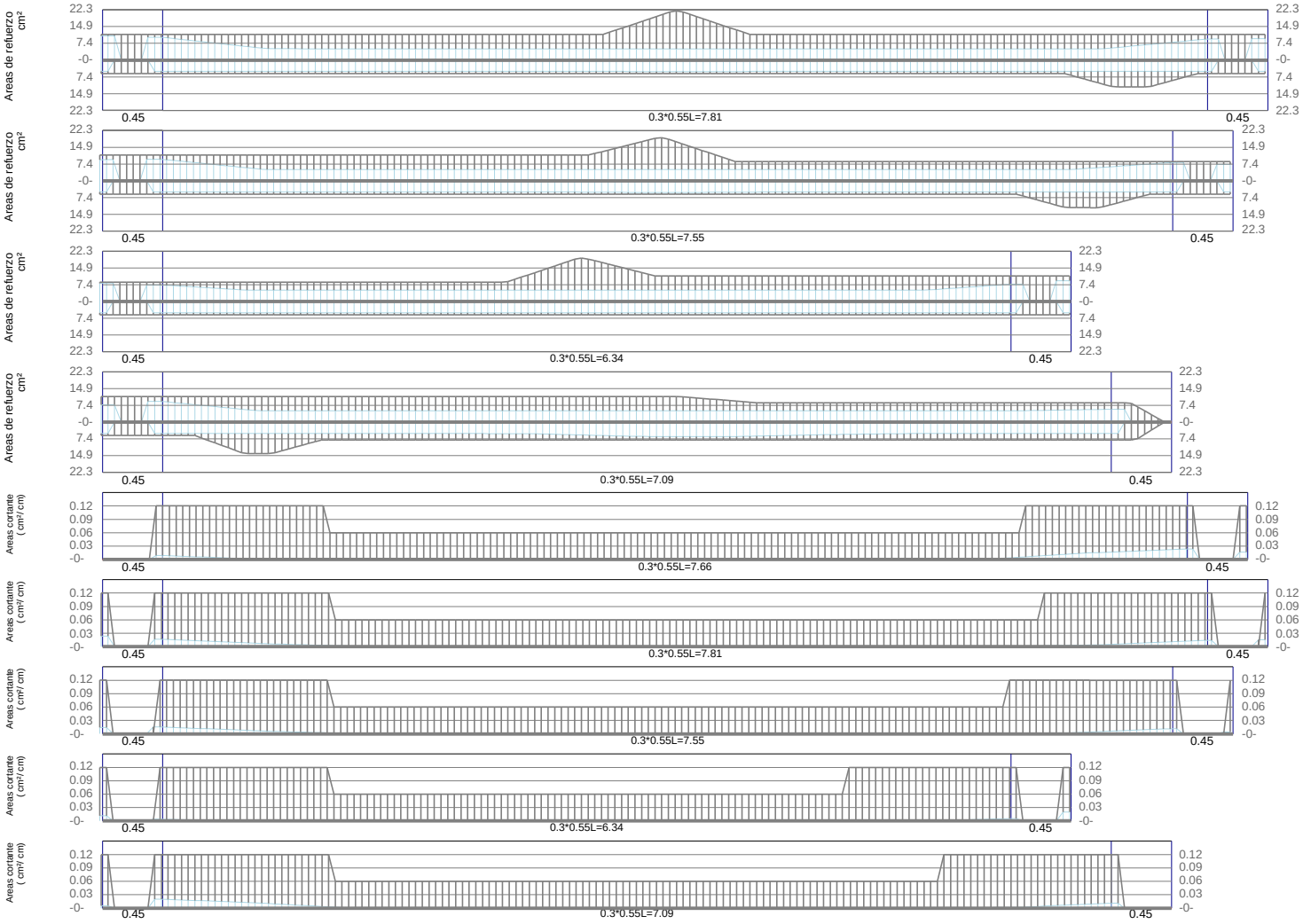
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



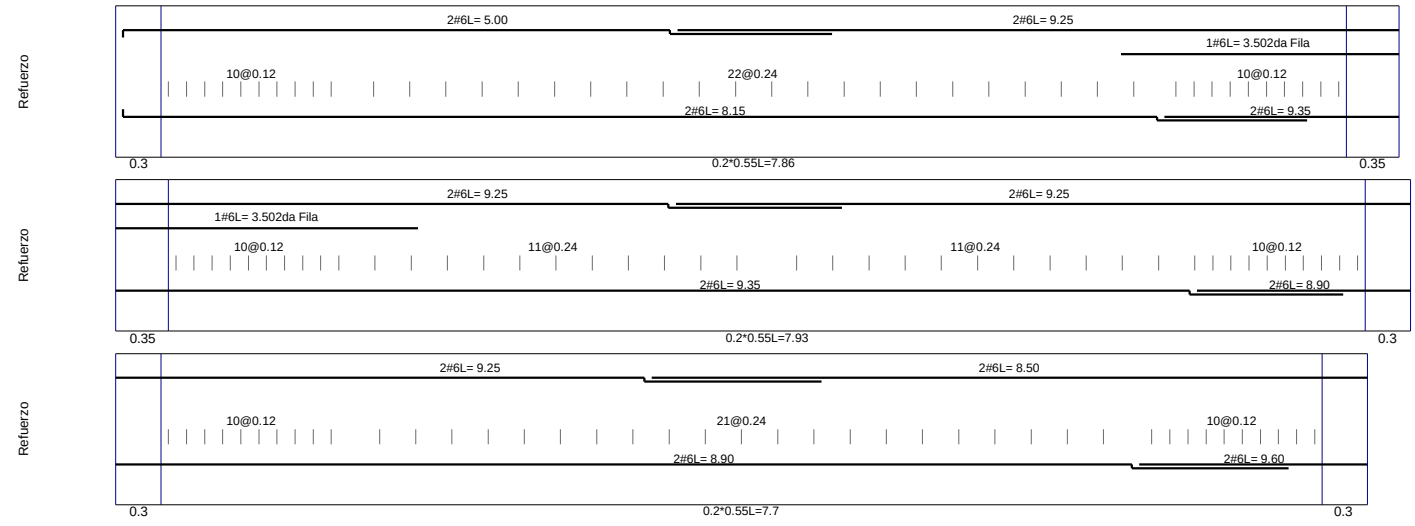
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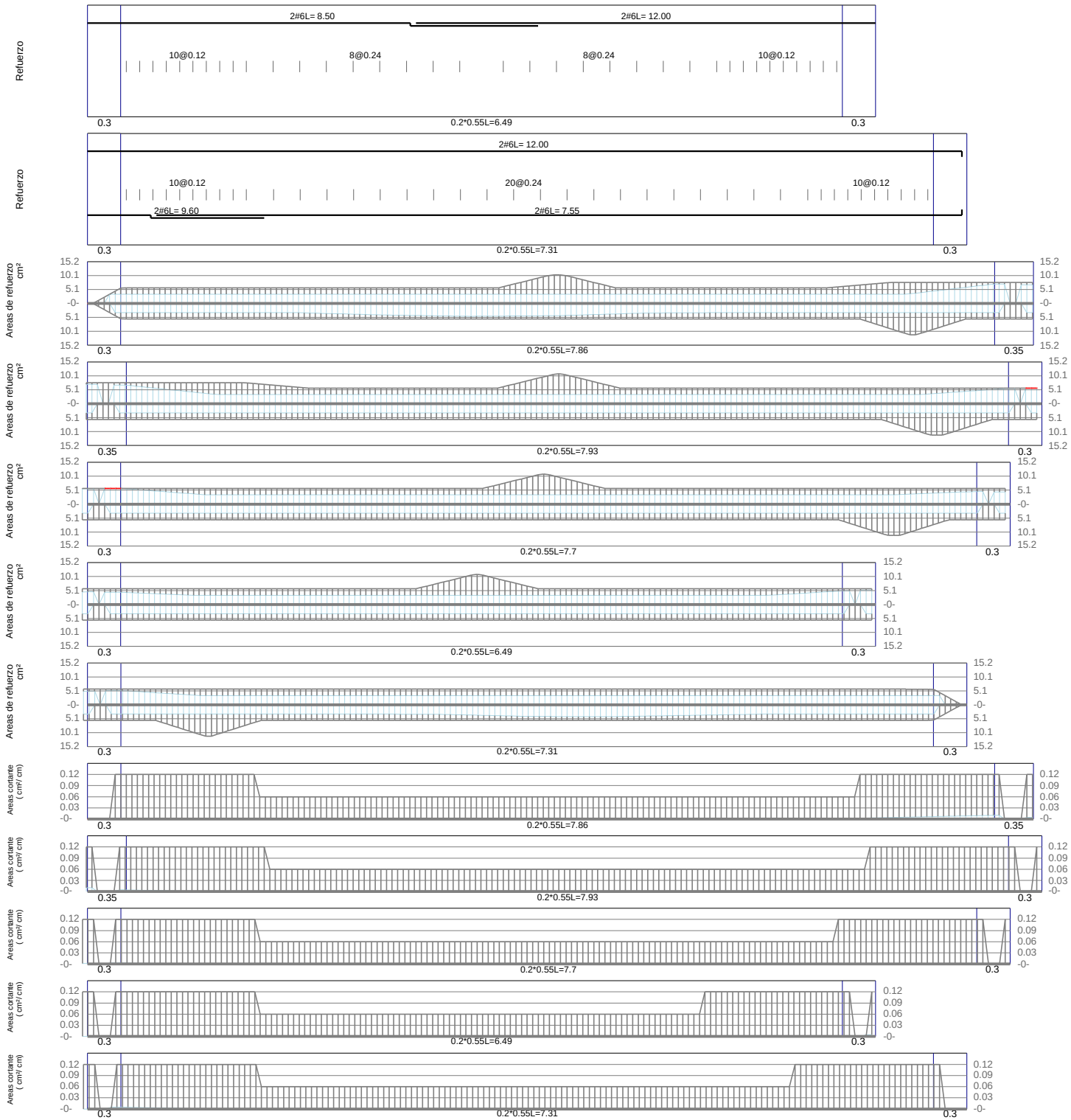
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



VG-B-308 / NE+4.93



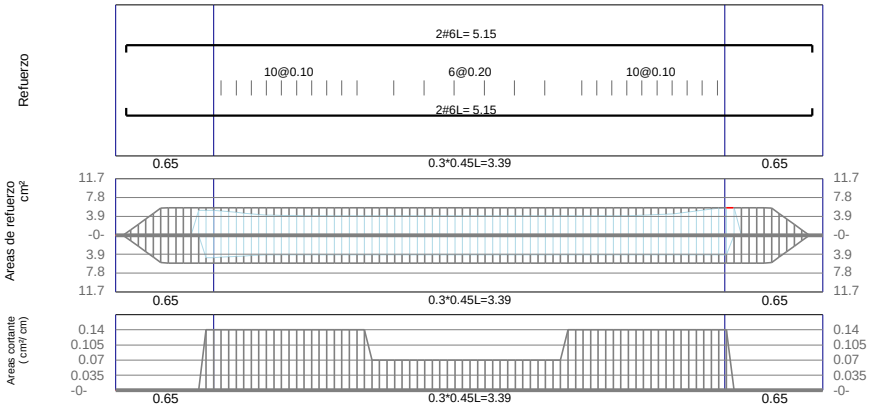
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



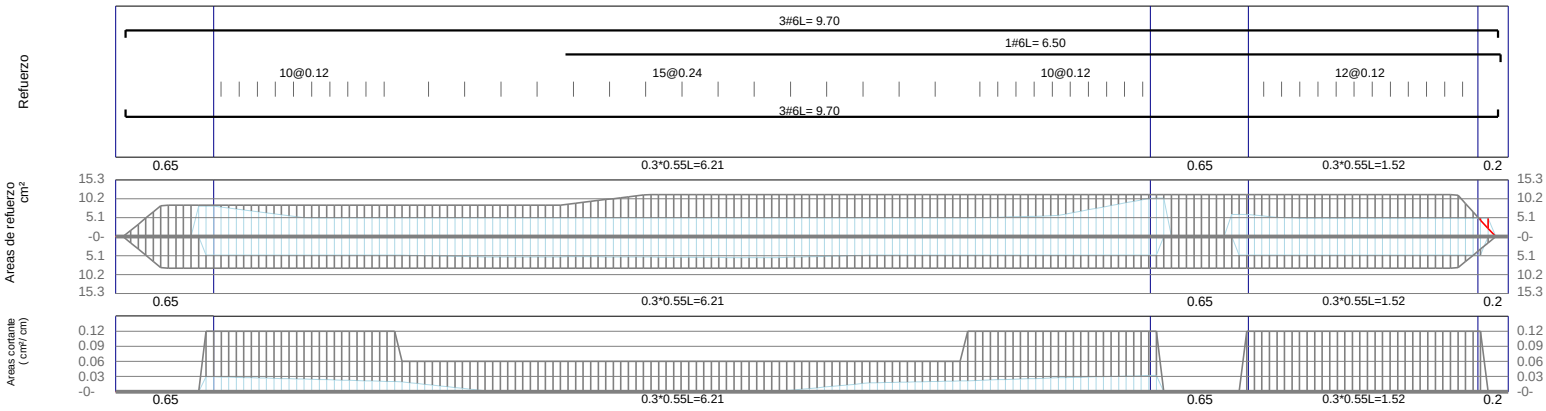
VG-B-310 / NE+4.93

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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

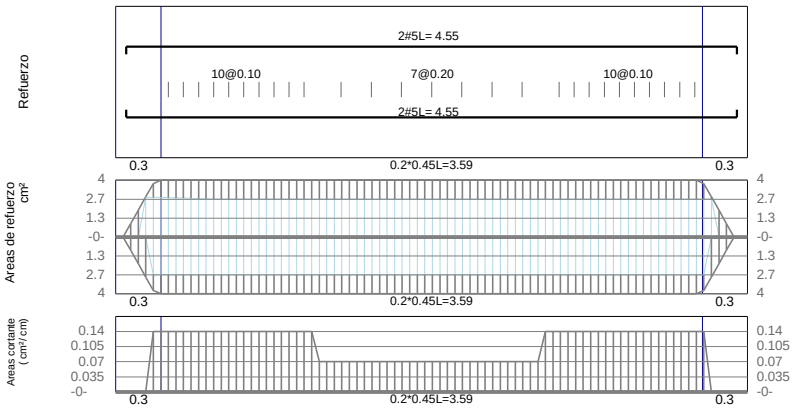
VG-B-310 / NE+4.93



VG-B-311 / NE+4.93



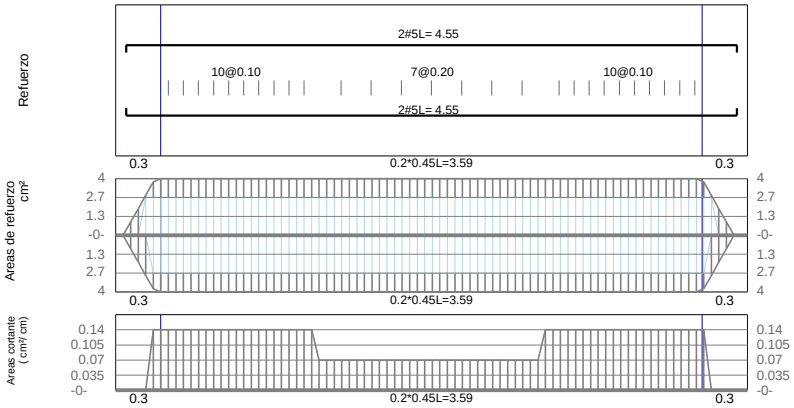
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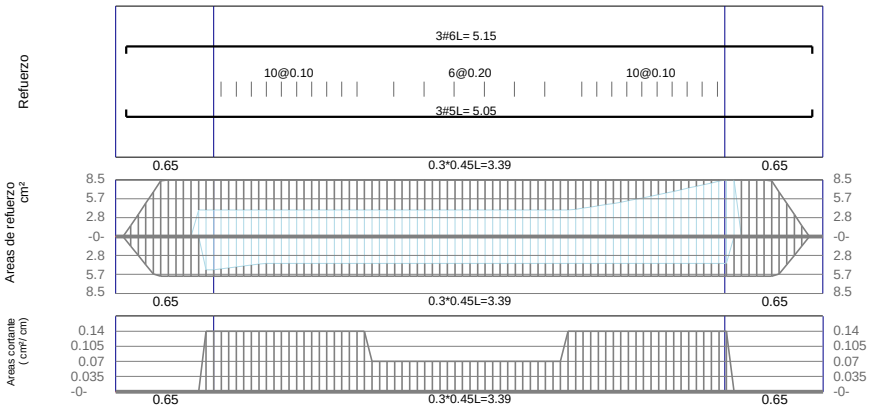
VG-B-315 / NE+4.93

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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

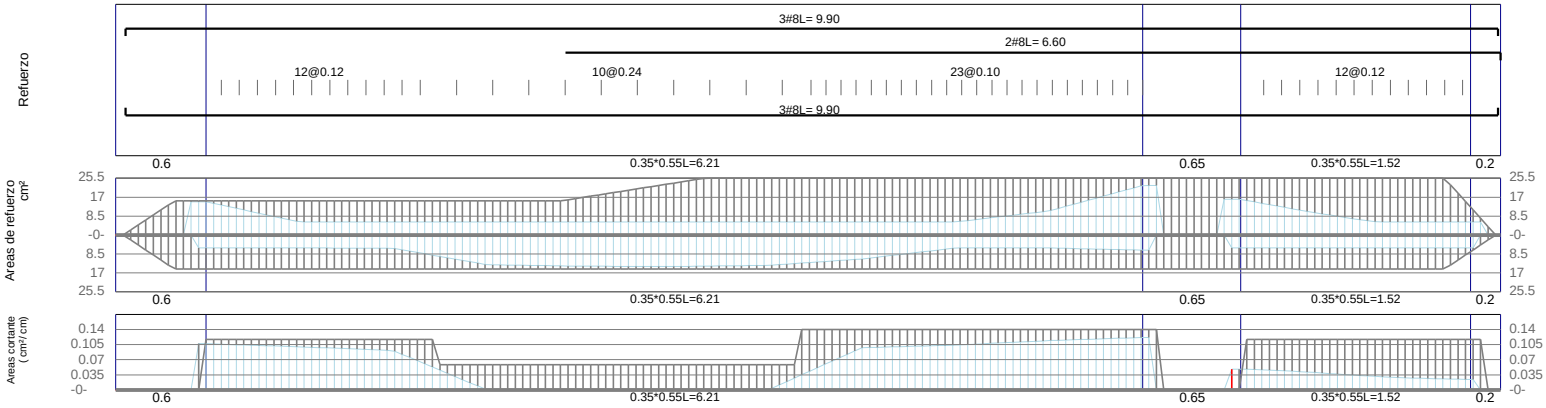
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VG-B-317 / NE+4.93



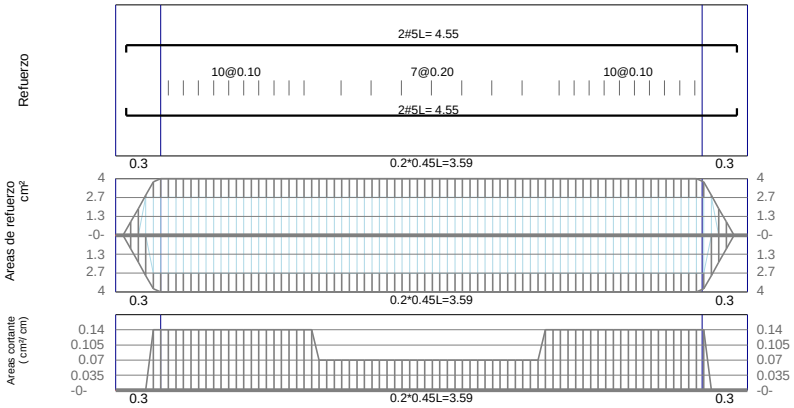
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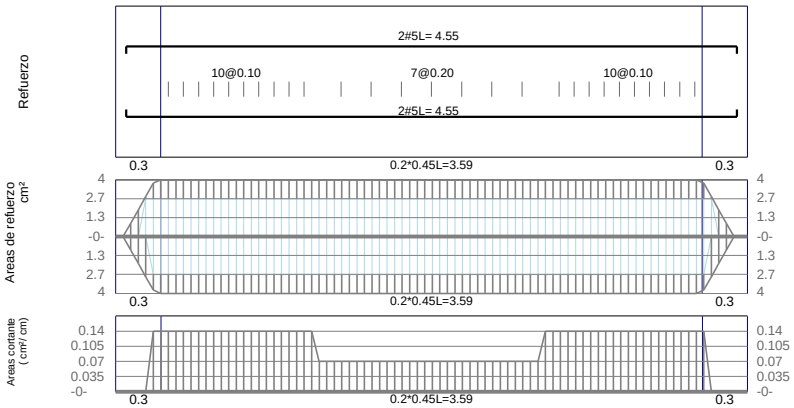
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

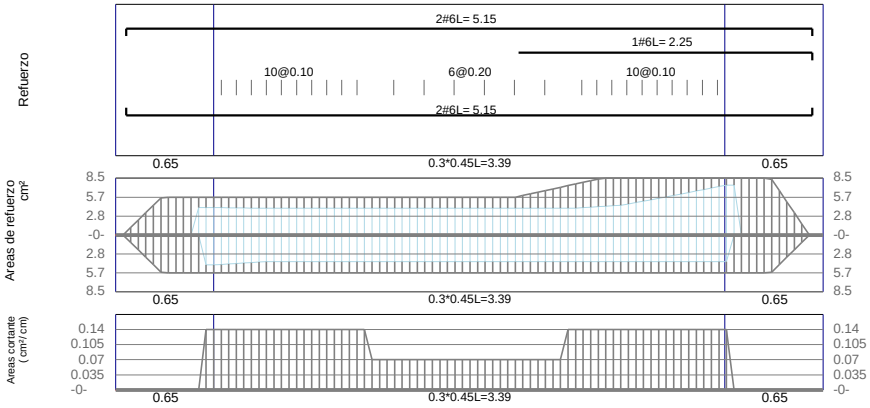
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VG-B-322 / NE+4.93



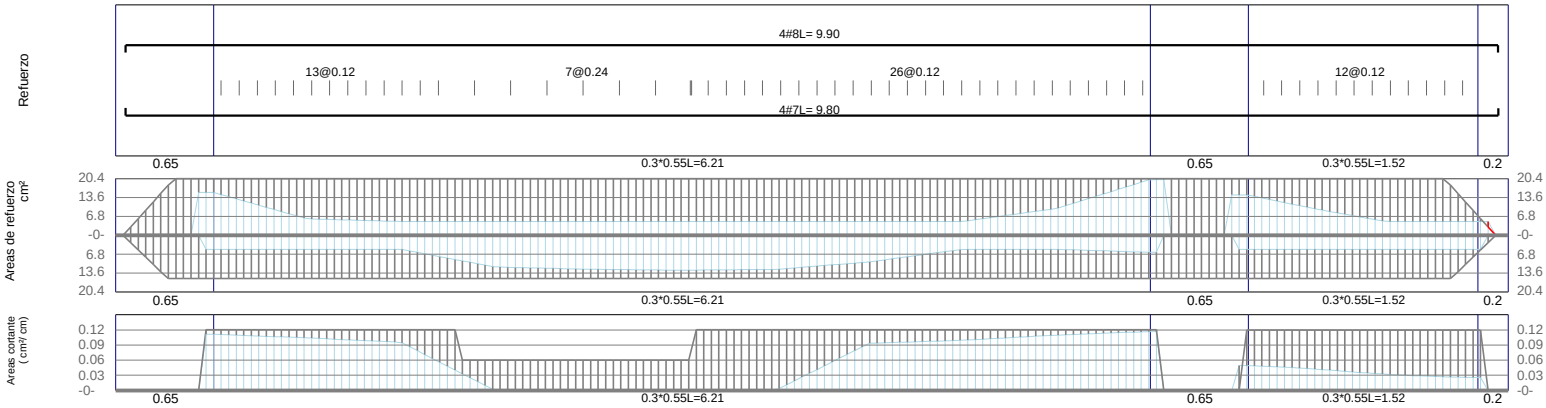
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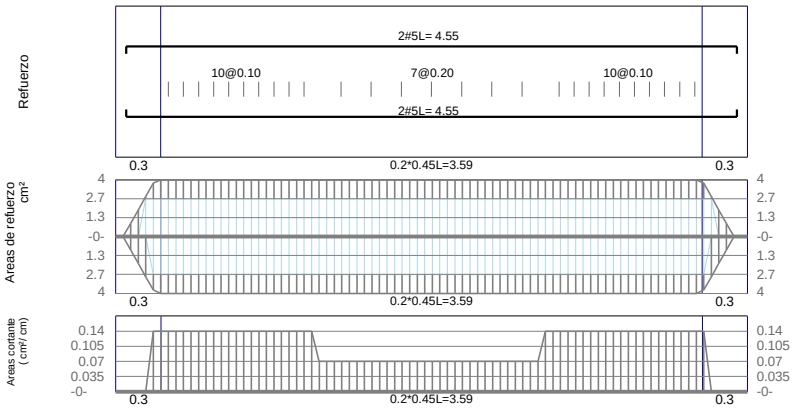
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Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

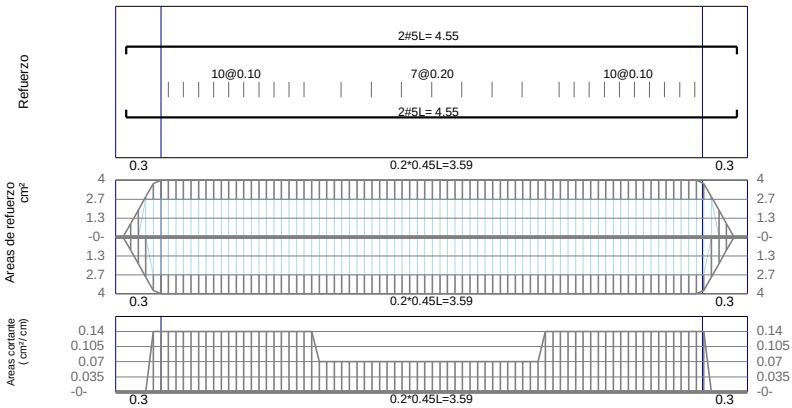
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VG-B-327 / NE+4.93



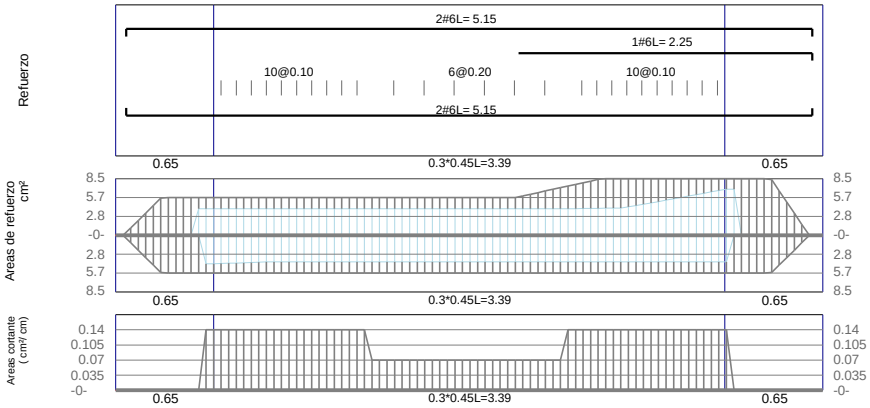
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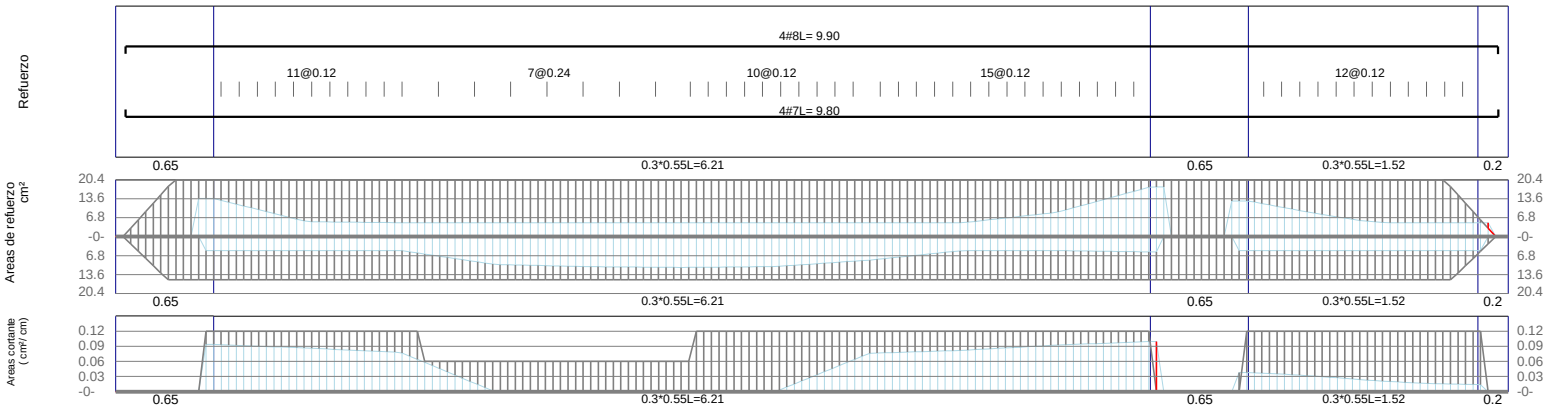
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
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Norma: NSR-10 DMO	Código Nimbus

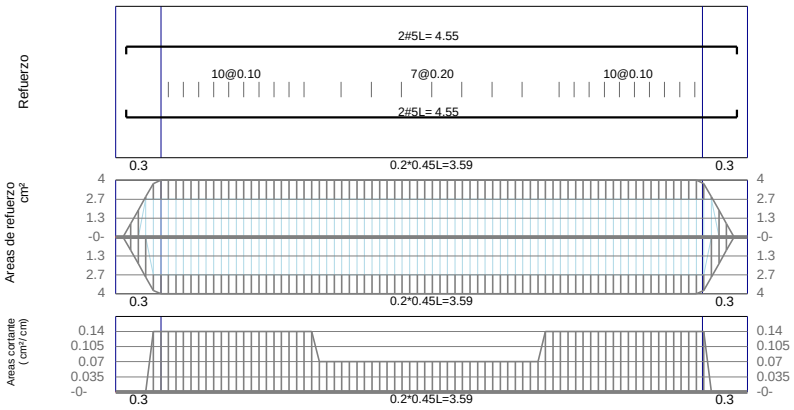
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VG-B-332 / NE+4.93



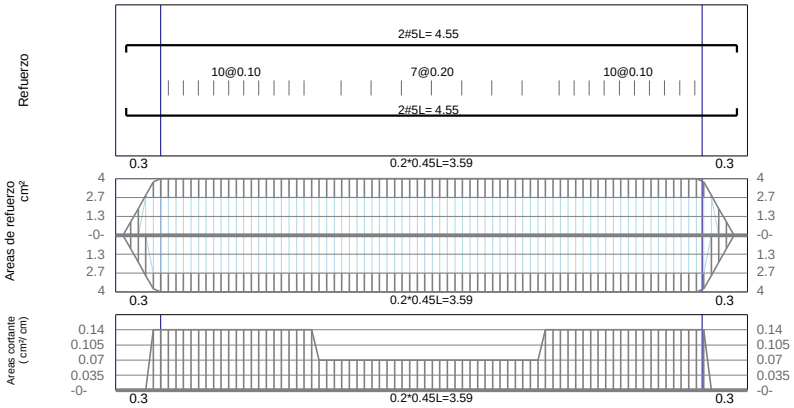
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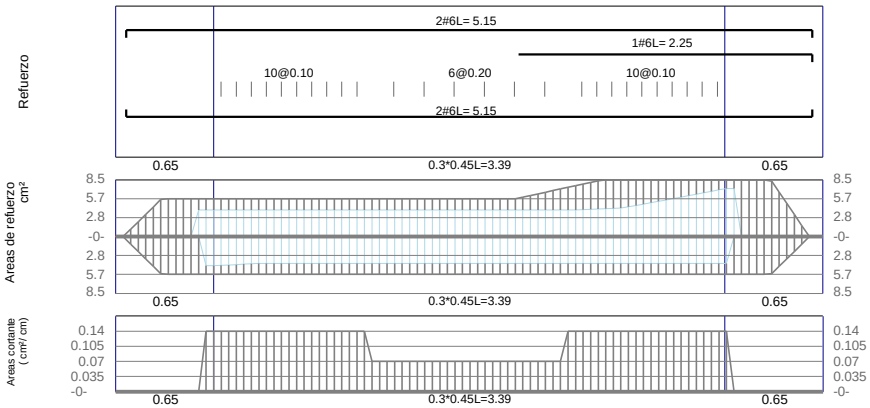
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Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
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Norma: NSR-10 DMO	Código Nimbus

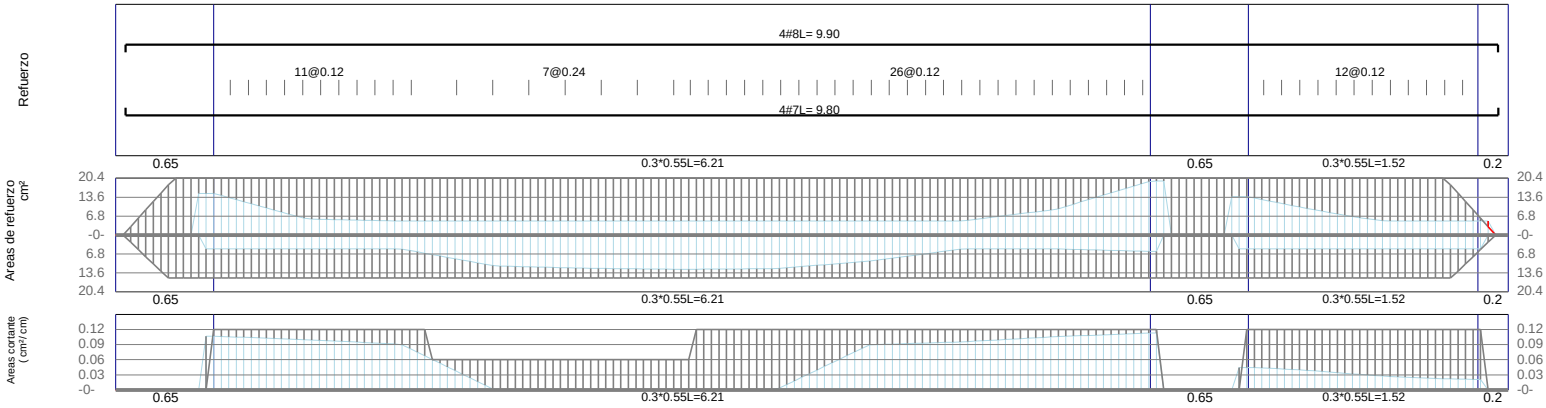
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VG-B-338 / NE+4.93



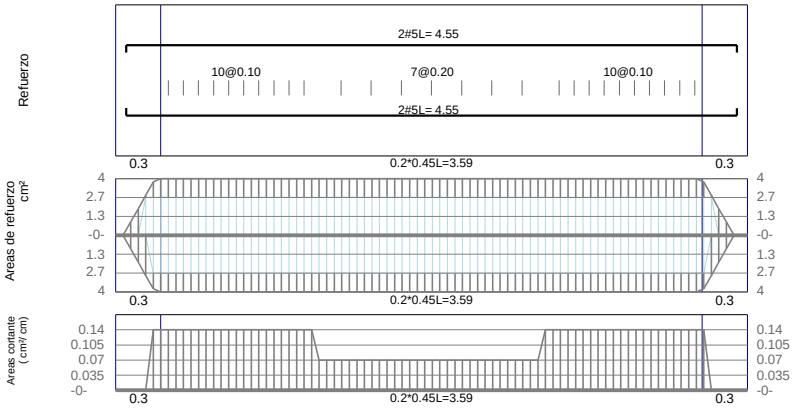
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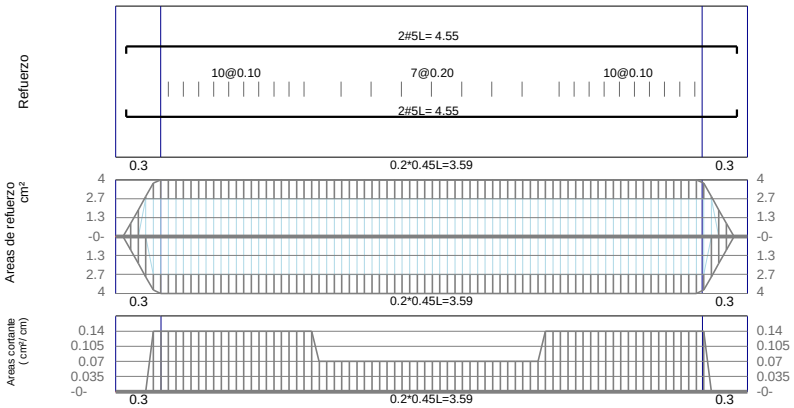
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

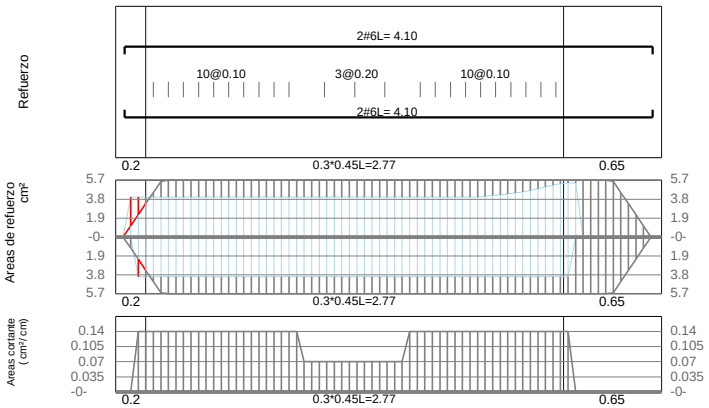
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VG-B-343 / NE+4.93



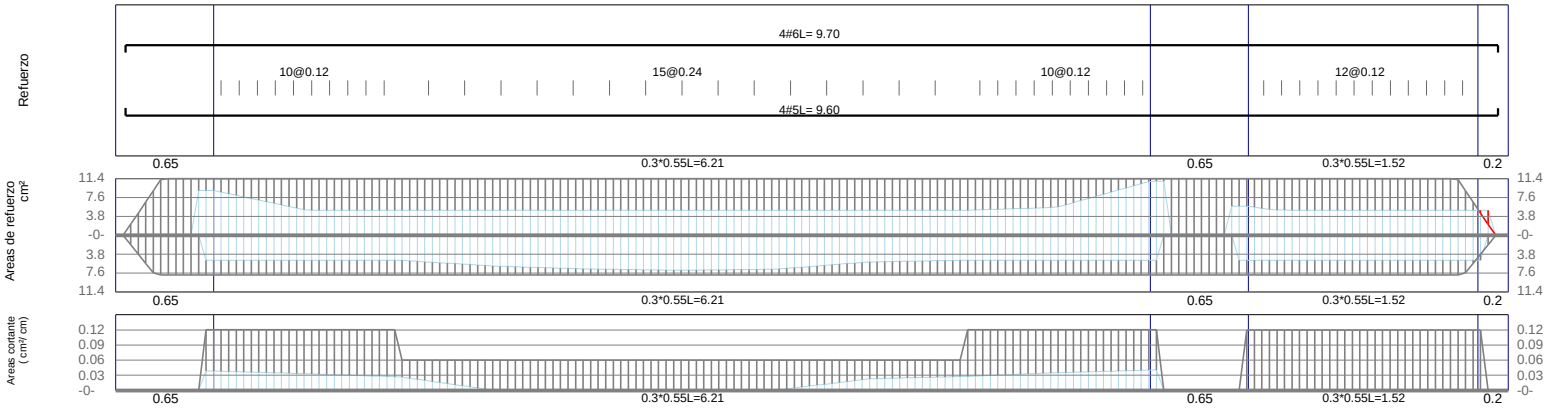
VG-B-345 / NE+4.93



VG-B-346 / NE+4.93

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

VG-B-346 / NE+4.93



Departamento de Ingeniería Civil y Agrícola
Facultad de Ingeniería
Sede Bogotá

UNIVERSIDAD NACIONAL DE COLOMBIA

Anexo 12. Diseño de columnas

Av. Carrera 30 No.45-03 Ciudad Universitaria
Edificio 406 (Instituto de Extensión e Investigación - I.E.I) Oficina 218
57 (1) 3165513 PBX 3165000 Ext. 13301/02/27
insei_bog@unal.edu.co
Bogotá, D. C., Colombia

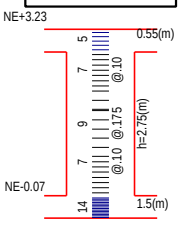
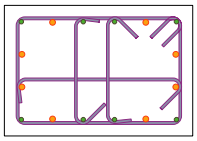
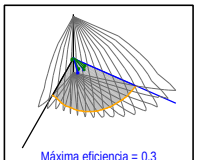
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de columnas
Norma: NSR-10 DMO	Código Nimbus

Combinaciones usadas en el grupo de diseño #1

Nº	Definición	Flexo-compresión	Cortante	Rel. Col/Vig
1	B241	SI	SI	SI
2	B242	SI	SI	SI
3	B243	SI	SI	SI
4	B244	SI	SI	SI
5	B246	SI	SI	SI
6	B245CX Max	SI	SI	SI
7	B245CX Min	SI	SI	SI
8	B245CY Max	SI	SI	SI
9	B245CY Min	SI	SI	SI
10	B247CX Max	SI	SI	SI
11	B247CX Min	SI	SI	SI
12	B247CY Max	SI	SI	SI
13	B247CY Min	SI	SI	SI
14	B245CCORTX Max		SI	
15	B245CCORTX Min		SI	
16	B245CCORTY Max		SI	
17	B245CCORTY Min		SI	
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21	B247CCORTY Min		SI	

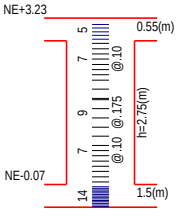
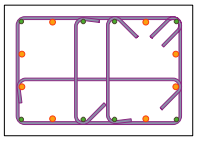
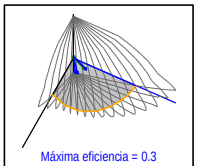
1-B

Norma: NSR-10 DMO
Volumen sin nudos= 0.8 m3 Peso del refuerzo= 252.7 Kg Cuantía= 314.2 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION
		V. Max Ppal=11.4Ton (B245CCORTX Min) Sec= 11.0Ton (B247CCORTY Min) So abajo 100mm (Diseñador) S central 175mm (2 veces separación lo (C.21.3.5.11)) So arriba 100mm (Diseñador)		F'c = 28 Mpa Cuantia zona superior =1.32 Eficiencia zona superior = 0.16 P=9.4 Mppal=4.8 Msec=1.3T m Cuantia zona inferior =1.32 Eficiencia zona inferior = 0.28 P=14.9 Mppal=-8.3 Msec=-6.7T m Relación Mínima Col/Vig=2.2(Viga:16)

2-B

Norma: NSR-10 DMO
Volumen sin nudos= 0.8 m3 Peso del refuerzo= 252.7 Kg Cuantía= 314.2 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION
		V. Max Ppal=14.5Ton (B245CCORTX Min) Sec= 13.1Ton (B245CCORTY Min) So abajo 100mm (Diseñador) S central 175mm (2 veces separación lo (C.21.3.5.11)) So arriba 100mm (Diseñador)		F'c = 28 Mpa Cuantia zona superior =1.32 Eficiencia zona superior = 0.17 P=15.5 Mppal=-4.9 Msec=-.5T m Cuantia zona inferior =1.32 Eficiencia zona inferior = 0.29 P=15.5 Mppal=-8.4 Msec=-6.8T m Relación Mínima Col/Vig=1.3(Viga:02)

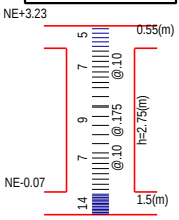
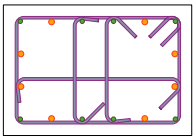
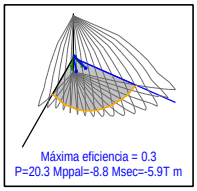
3-B

Norma: NSR-10 DMO

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de columnas
Norma: NSR-10 DMO	Código Nimbus

3-B

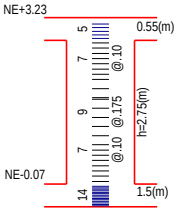
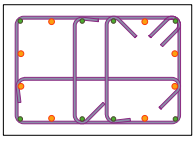
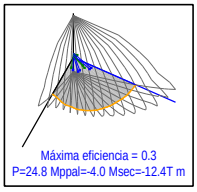
Norma: NSR-10 DMO
Volumen sin nudos= 0.8 m3 Peso del refuerzo= 252.7 Kg Cuantía= 314.2 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION
		V. Max Ppal=15.2Ton (B245CCORTX Min) Sec= 12.1Ton (B245CCORTY Min) So abajo 100mm (Diseñador) S central 175mm (2 veces separación lo (C.21.3.5.11)) So arriba 100mm (Diseñador)		F'c = 28 Mpa Cuantia zona superior =1.32 Eficiencia zona superior = 0.18 P=32.9 Mppal=6.1 Msec=3.4T m Cuantia zona inferior =1.32 Eficiencia zona inferior = 0.28 P=20.3 Mppal=-8.8 Msec=-5.9T m Relación Mínima Col/Vig=1.3(Viga:02)

B= .65H= .45
16/#5+#6(1.32%)

5-B

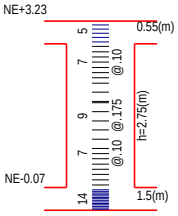
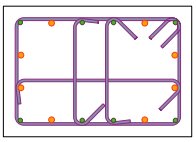
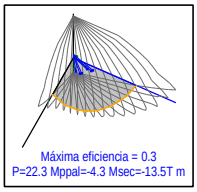
Norma: NSR-10 DMO
Volumen sin nudos= 0.8 m3 Peso del refuerzo= 252.7 Kg Cuantía= 314.2 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION
		V. Max Ppal=14.8Ton (B245CCORTX Max) Sec= 15.1Ton (B245CCORTY Min) So abajo 100mm (Diseñador) S central 175mm (2 veces separación lo (C.21.3.5.11)) So arriba 100mm (Diseñador)		F'c = 28 Mpa Cuantia zona superior =1.32 Eficiencia zona superior = 0.16 P=22.4 Mppal=-5.3 Msec=1.6T m Cuantia zona inferior =1.32 Eficiencia zona inferior = 0.30 P=24.8 Mppal=-4.0 Msec=-12.4T m Relación Mínima Col/Vig=1.3(Viga:02)

B= .65H= .45
16/#5+#6(1.32%)

6-B

Norma: NSR-10 DMO
Volumen sin nudos= 0.8 m3 Peso del refuerzo= 252.7 Kg Cuantía= 314.2 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION
		V. Max Ppal=14.9Ton (B245CCORTX Min) Sec= 16.6Ton (B245CCORTY Min) So abajo 100mm (Diseñador) S central 175mm (2 veces separación lo (C.21.3.5.11)) So arriba 100mm (Diseñador)		F'c = 28 Mpa Cuantia zona superior =1.32 Eficiencia zona superior = 0.17 P=30.8 Mppal=5.5 Msec=4.1T m Cuantia zona inferior =1.32 Eficiencia zona inferior = 0.33 P=22.3 Mppal=-4.3 Msec=-13.5T m Relación Mínima Col/Vig=1.3(Viga:02)

B= .65H= .45
16/#5+#6(1.32%)

7-B

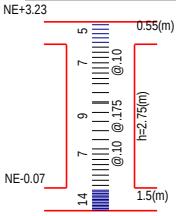
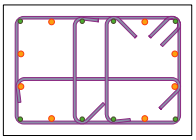
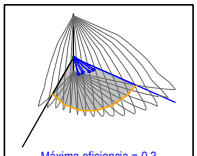
Norma: NSR-10 DMO
Volumen sin nudos= 0.8 m3 Peso del refuerzo= 252.7 Kg Cuantía= 314.2 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de columnas
Norma: NSR-10 DMO	Código Nimbus

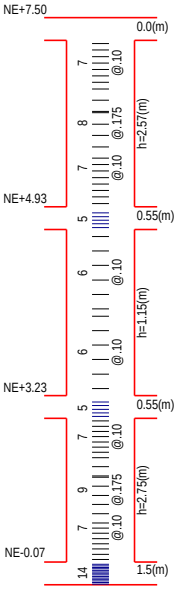
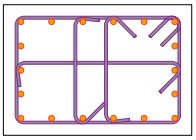
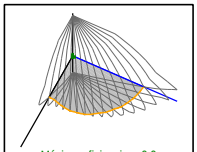
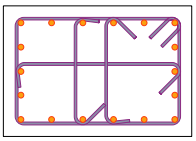
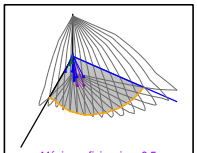
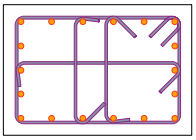
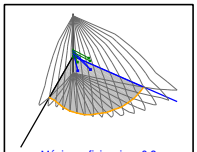
7-B

Norma: NSR-10 DMO
Volumen sin nudos= 0.8 m3 Peso del refuerzo= 252.7 Kg Cuantía= 314.2 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION
		V. Max Ppal=14.4Ton (B245CCORTX Max) Sec= 16.6Ton (B245CCORTY Min) So abajo 100mm (Diseñador) S central 175mm (2 veces separación lo (C.21.3.5.11)) So arriba 100mm (Diseñador)		F'c = 28 Mpa Cuantia zona superior =1.32 Eficiencia zona superior = 0.20 P=21.8 Mppal=-6.1 Msec=.7T m Cuantia zona inferior =1.32 Eficiencia zona inferior = 0.34 P=14.2 Mppal=-3.3 Msec=-14.1T m Relación Mínima Col/Vig=2.5(Viga:02)

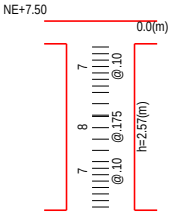
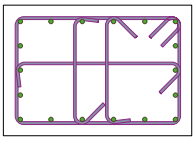
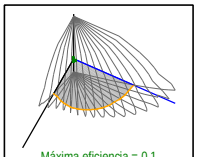
5-C

Norma: NSR-10 DMO
Volumen sin nudos= 1.9 m3 Peso del refuerzo= 563.1 Kg Cuantía= 297.6 kg/m3

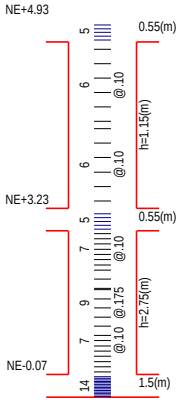
DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION
		V. Max Ppal=1.8Ton (B245CCORTX Min) Sec= 1.7Ton (B245CCORTY Max) So abajo 100mm (Diseñador) S central 175mm (2 veces separación lo (C.21.3.5.11)) So arriba 100mm (Diseñador)		F'c = 28 Mpa Cuantia zona superior =1.75 Eficiencia zona superior = 0.00 P=5.2 Mppal=.0 Msec=.0T m Cuantia zona inferior =1.75 Eficiencia zona inferior = 0.04 P=5.2 Mppal=-1.6 Msec=-.7T m
		V. Max Ppal=22.4Ton (B245CCORTX Max) Sec= 20.3Ton (B245CCORTY Max) So abajo 100mm (Diseñador) So arriba 100mm (Diseñador)		F'c = 28 Mpa Cuantia zona superior =1.75 Eficiencia zona superior = 0.08 P=23.4 Mppal=.5 Msec=4.3T m Cuantia zona inferior =1.75 Eficiencia zona inferior = 0.52 P=25.6 Mppal=19.7 Msec=13.3T m Relación Mínima Col/Vig=1.9(Viga:03)
		V. Max Ppal=17.3Ton (B245CCORTX Max) Sec= 25.4Ton (B245CCORTY Max) So abajo 100mm (Diseñador) S central 175mm (2 veces separación lo (C.21.3.5.11)) So arriba 100mm (Diseñador)		F'c = 28 Mpa Cuantia zona superior =1.75 Eficiencia zona superior = 0.29 P=71.5 Mppal=-11.2 Msec=-8.0T m Cuantia zona inferior =1.75 Eficiencia zona inferior = 0.32 P=67.9 Mppal=12.2 Msec=9.7T m Relación Mínima Col/Vig=1.2(Viga:04)

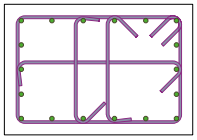
6-C

Norma: NSR-10 DMO
Volumen sin nudos= 1.9 m3 Peso del refuerzo= 442.9 Kg Cuantía= 234.0 kg/m3

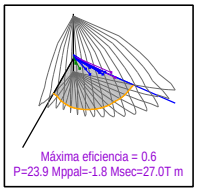
DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION
		V. Max Ppal=2.0Ton (B245CCORTX Max) Sec= 1.9Ton (B245CCORTY Min) So abajo 100mm (Diseñador) S central 175mm (2 veces separación lo (C.21.3.5.11)) So arriba 100mm (Diseñador)		F'c = 28 Mpa Cuantia zona superior =1.22 Eficiencia zona superior = 0.00 P=5.5 Mppal=.0 Msec=.0T m Cuantia zona inferior =1.22 Eficiencia zona inferior = 0.06 P=5.5 Mppal=1.9 Msec=.9T m

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de columnas
Norma: NSR-10 DMO	Código Nimbus





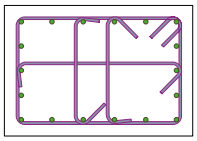
V. Max Ppal=12.0Ton (B245CCORTX Min)
Sec=
27.4Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)



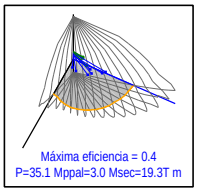
F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.18
P=23.9 Mppal=1.3 Msec=7.5T m

Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.63
P=23.9 Mppal=-1.8 Msec=27.0T m

Relación Mínima Col/Vig=1.6(Viga:03)



V. Max Ppal=14.2Ton (B245CCORTX Min)
Sec=
31.1Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.34
P=67.4 Mppal=-1.0 Msec=-17.4T m

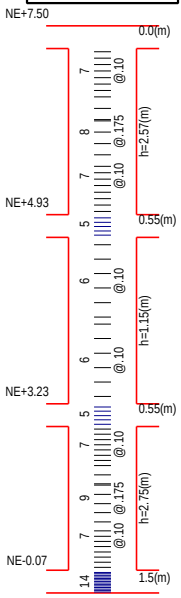
Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.44
P=35.1 Mppal=3.0 Msec=19.3T m

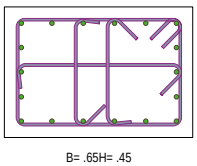
Relación Mínima Col/Vig=1.5(Viga:04)

7-C

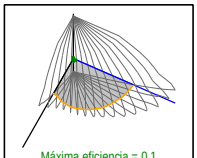
Norma: NSR-10 DMO
Volumen sin nudos= 1.9 m3 Peso del refuerzo= 442.9 Kg Cuantía= 234.0 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION



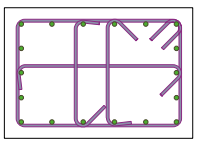


V. Max Ppal=1.9Ton (B245CCORTX Min)
Sec=
2.0Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)

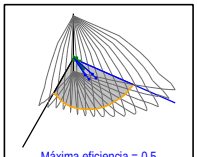


F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.00
P=5.2 Mppal=.0 Msec=.0T m

Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.06
P=5.2 Mppal=-1.8 Msec=-1.0T m



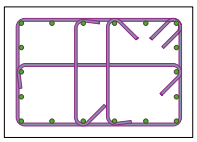
V. Max Ppal=17.1Ton (B245CCORTX Max)
Sec=
21.8Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)



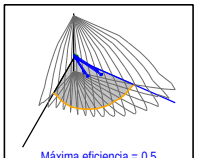
F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.15
P=13.1 Mppal=-2.8 Msec=5.1T m

Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.47
P=13.1 Mppal=6.3 Msec=17.3T m

Relación Mínima Col/Vig=3.1(Viga:03)



V. Max Ppal=13.1Ton (B245CCORTX Max)
Sec=
30.6Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.28
P=39.3 Mppal=-2.9 Msec=-12.3T m

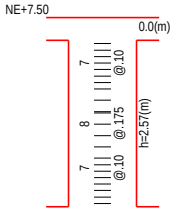
Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.47
P=18.9 Mppal=3.8 Msec=18.9T m

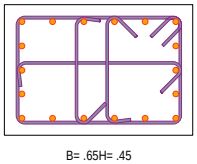
Relación Mínima Col/Vig=2.5(Viga:04)

5-D

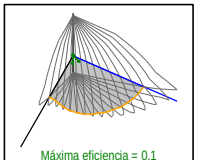
Norma: NSR-10 DMO
Volumen sin nudos= 2.1 m3 Peso del refuerzo= 572.1 Kg Cuantía= 278.6 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION





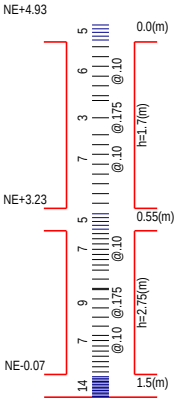
V. Max Ppal=6.2Ton (B245CCORTX Max)
Sec=
6.2Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)

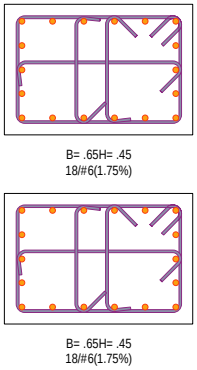


F'c = 28 Mpa
Cuantia zona superior =1.75
Eficiencia zona superior = 0.00
P=5.4 Mppal=.0 Msec=.0T m

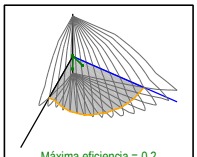
Cuantia zona inferior =1.75
Eficiencia zona inferior = 0.14
P=4.1 Mppal=5.3 Msec=2.4T m

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de columnas
Norma: NSR-10 DMO	Código Nimbus





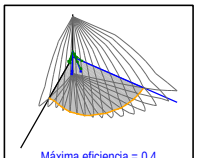
V. Max Ppal=6.2Ton (B245CCORTX Max)
Sec=
6.2Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.75
Eficiencia zona superior = 0.14
P=4.1 Mppal=5.3 Msec=2.4T m

Cuantia zona inferior =1.75
Eficiencia zona inferior = 0.23
P=4.1 Mppal=8.8 Msec=4.0T m

V. Max Ppal=18.3Ton (B245CCORTX Max)
Sec=
11.5Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.75
Eficiencia zona superior = 0.40
P=69.5 Mppal=-16.7 Msec=-6.5T m

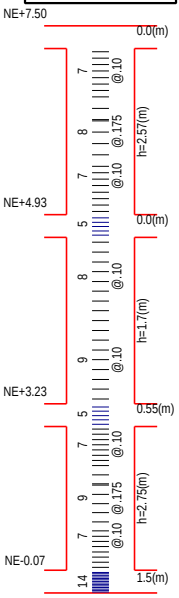
Cuantia zona inferior =1.75
Eficiencia zona inferior = 0.38
P=67.2 Mppal=15.5 Msec=7.0T m

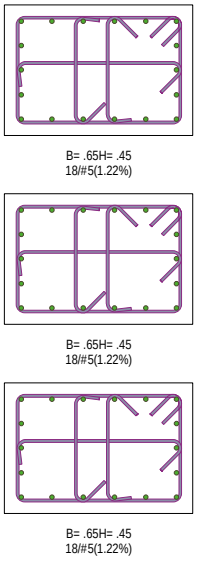
Relación Mínima Col/Vig=1.2(Viga:13)

6-D

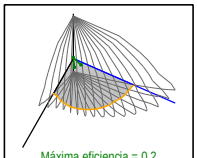
Norma: NSR-10 DMO
Volumen sin nudos= 2.1 m3 Peso del refuerzo= 454.1 Kg Cuantía= 221.1 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION





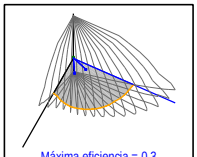
V. Max Ppal=5.9Ton (B245CCORTX Max)
Sec=
6.6Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.00
P=5.4 Mppal=.0 Msec=.0T m

Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.18
P=4.0 Mppal=5.1 Msec=3.0T m

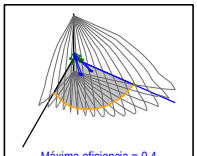
V. Max Ppal=5.9Ton (B245CCORTX Max)
Sec=
6.6Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.18
P=4.0 Mppal=5.1 Msec=3.0T m

Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.30
P=4.0 Mppal=8.4 Msec=5.0T m

V. Max Ppal=14.6Ton (B245CCORTX Min)
Sec=
13.3Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.30
P=57.4 Mppal=6.3 Msec=12.8T m

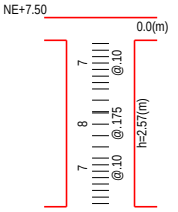
Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.35
P=59.7 Mppal=-10.8 Msec=-10.6T m

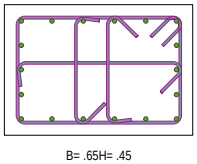
Relación Mínima Col/Vig=1.5(Viga:13)

7-D

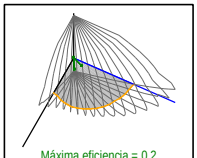
Norma: NSR-10 DMO
Volumen sin nudos= 2.1 m3 Peso del refuerzo= 454.1 Kg Cuantía= 221.1 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION





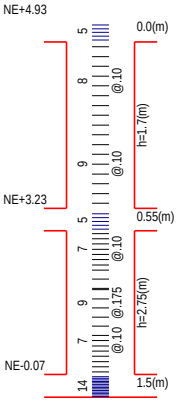
V. Max Ppal=7.5Ton (B245CCORTX Max)
Sec=
7.2Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)

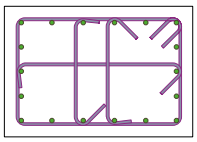


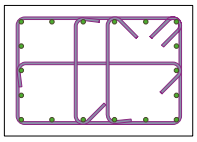
F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.00
P=5.4 Mppal=.0 Msec=.0T m

Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.23
P=4.0 Mppal=6.4 Msec=3.7T m

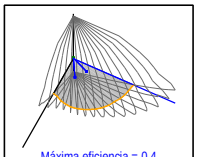
Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de columnas
Norma: NSR-10 DMO	Código Nimbus




B= .65H= .45
18/#5(1.22%)


B= .65H= .45
18/#5(1.22%)

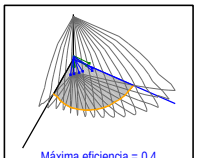
V. Max Ppal=7.5Ton (B245CCORTX Max)
Sec=
7.2Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.23
P=4.0 Mppal=6.4 Msec=3.7T m

Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.38
P=4.0 Mppal=10.6 Msec=6.2T m

V. Max Ppal=13.7Ton (B245CCORTX Max)
Sec=
11.9Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.44
P=36.1 Mppal=-13.7 Msec=1.3T m

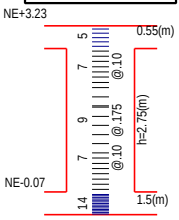
Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.36
P=32.4 Mppal=11.7 Msec=3.9T m

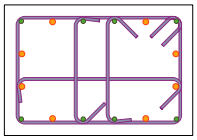
Relación Mínima Col/Vig=2.5(Viga:13)

1-C

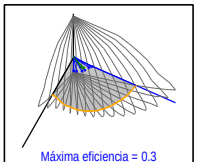
Norma: NSR-10 DMO
Volumen sin nudos= 0.8 m3 Peso del refuerzo= 252.7 Kg Cuantía= 314.2 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION




B= .65H= .45
16/#5+#6(1.32%)

V. Max Ppal=11.3Ton (B245CCORTX Min)
Sec=
16.6Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.32
Eficiencia zona superior = 0.18
P=19.6 Mppal=1.3 Msec=-7.7T m

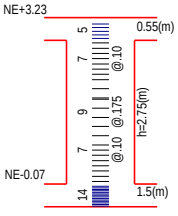
Cuantia zona inferior =1.32
Eficiencia zona inferior = 0.29
P=17.5 Mppal=1.3 Msec=12.4T m

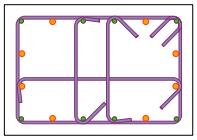
Relación Mínima Col/Vig=1.3(Viga:04)

1-D

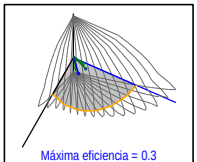
Norma: NSR-10 DMO
Volumen sin nudos= 0.8 m3 Peso del refuerzo= 252.7 Kg Cuantía= 314.2 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION




B= .65H= .45
16/#5+#6(1.32%)

V. Max Ppal=13.0Ton (B245CCORTX Min)
Sec=
11.7Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.32
Eficiencia zona superior = 0.17
P=16.5 Mppal=5.1 Msec=3.7T m

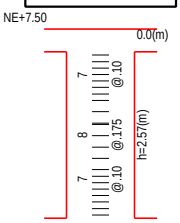
Cuantia zona inferior =1.32
Eficiencia zona inferior = 0.31
P=21.9 Mppal=-9.2 Msec=-8.1T m

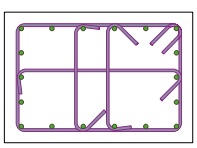
Relación Mínima Col/Vig=1.3(Viga:13)

2-C

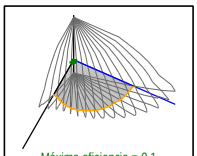
Norma: NSR-10 DMO
Volumen sin nudos= 1.9 m3 Peso del refuerzo= 442.9 Kg Cuantía= 234.0 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION




B= .65H= .45
18/#5(1.22%)

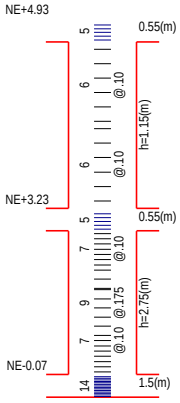
V. Max Ppal=2.3Ton (B245CCORTX Min)
Sec=
1.9Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)

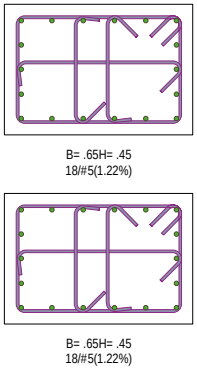


F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.00
P=5.5 Mppal=.0 Msec=.0T m

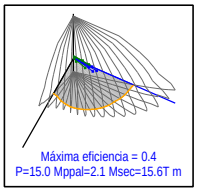
Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.12
P=19.8 Mppal=-3.3 Msec=.1T m

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de columnas
Norma: NSR-10 DMO	Código Nimbus





V. Max Ppal=6.8Ton (B245CCORTX Min)
Sec=
15.6Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)

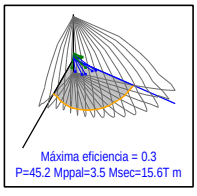


F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.14
P=15.0 Mppal=1.7 Msec=5.3T m

Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.39
P=15.0 Mppal=2.1 Msec=15.6T m

Relación Mínima Col/Vig=3.1(Viga:03)

V. Max Ppal=14.3Ton (B247CCORTX Min)
Sec=
22.7Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.27
P=52.5 Mppal=-2.1 Msec=-12.9T m

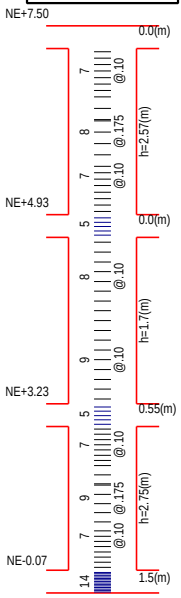
Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.34
P=45.2 Mppal=3.5 Msec=15.6T m

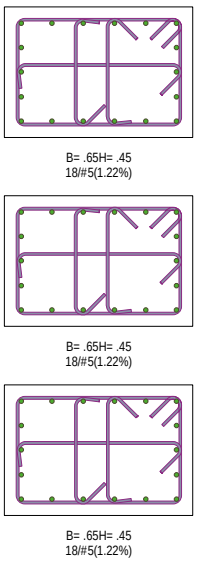
Relación Mínima Col/Vig=1.5(Viga:04)

2-D

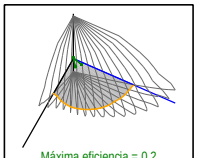
Norma: NSR-10 DMO
Volumen sin nudos= 2.1 m3 Peso del refuerzo= 454.1 Kg Cuantía= 221.1 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION





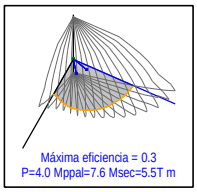
V. Max Ppal=5.3Ton (B245CCORTX Max)
Sec=
6.7Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.00
P=5.3 Mppal=.0 Msec=.0T m

Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.17
P=4.0 Mppal=4.5 Msec=3.3T m

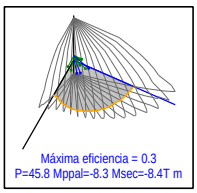
V. Max Ppal=5.3Ton (B245CCORTX Max)
Sec=
6.7Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.17
P=4.0 Mppal=4.5 Msec=3.3T m

Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.28
P=4.0 Mppal=7.6 Msec=5.5T m

V. Max Ppal=12.9Ton (B245CCORTX Min)
Sec=
13.3Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.25
P=43.5 Mppal=1.7 Msec=11.6T m

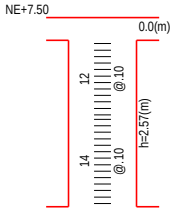
Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.28
P=45.8 Mppal=-8.3 Msec=-8.4T m

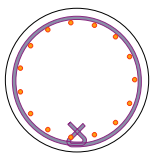
Relación Mínima Col/Vig=1.4(Viga:13)

3-C

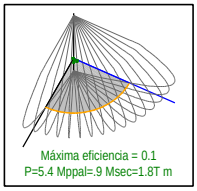
Norma: NSR-10 DMO
Volumen sin nudos= 1.8 m3 Peso del refuerzo= 424.2 Kg Cuantía= 231.9 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION





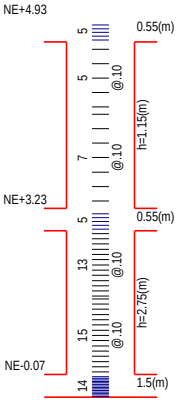
V. Max Ppal=1.8Ton (B245CCORTX Max)
Sec=
2.1Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)

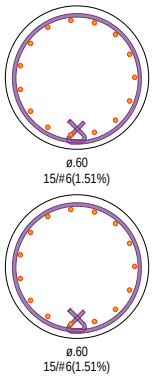


F'c = 28 Mpa
Cuantia zona superior =1.51
Eficiencia zona superior = 0.00
P=5.4 Mppal=.0 Msec=.0T m

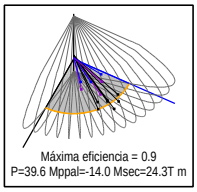
Cuantia zona inferior =1.51
Eficiencia zona inferior = 0.08
P=5.4 Mppal=.9 Msec=1.8T m

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de columnas
Norma: NSR-10 DMO	Código Nimbus





V. Max Ppal=21.5Ton (B245CCORTX Min)
Sec=
21.1Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)

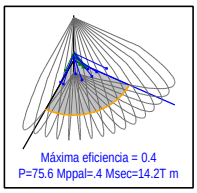


F'c = 28 Mpa
Cuantia zona superior =1.51
Eficiencia zona superior = 0.21
P=27.1 Mppal=1.3 Msec=5.8T m

Cuantia zona inferior =1.51
Eficiencia zona inferior = 0.94
P=39.6 Mppal=-14.0 Msec=24.3T m

Relación Mínima Col/Vig=1.5(Viga:03)

V. Max Ppal=20.2Ton (B245CCORTX Min)
Sec=
18.7Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.51
Eficiencia zona superior = 0.43
P=80.5 Mppal=3.7 Msec=-14.7T m

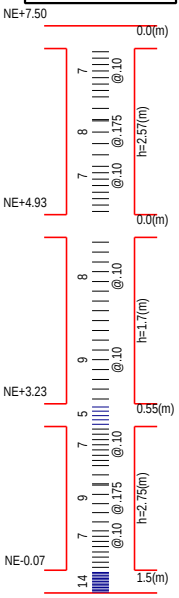
Cuantia zona inferior =1.51
Eficiencia zona inferior = 0.41
P=75.6 Mppal=.4 Msec=14.2T m

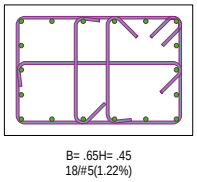
Relación Mínima Col/Vig=1.3(Viga:04)

3-D

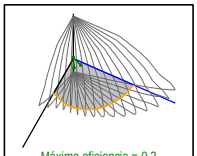
Norma: NSR-10 DMO
Volumen sin nudos= 2.1 m3 Peso del refuerzo= 440.7 Kg Cuantía= 214.6 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION



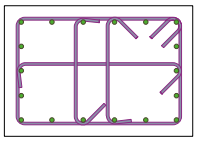


V. Max Ppal=6.4Ton (B245CCORTX Max)
Sec=
6.5Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)

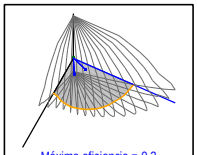


F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.00
P=4.2 Mppal=.0 Msec=.0T m

Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.19
P=4.2 Mppal=5.5 Msec=3.1T m

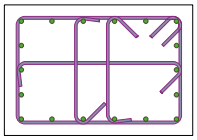


V. Max Ppal=6.4Ton (B245CCORTX Max)
Sec=
6.5Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)

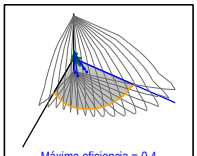


F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.19
P=4.2 Mppal=5.5 Msec=3.1T m

Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.32
P=4.2 Mppal=9.1 Msec=5.2T m



V. Max Ppal=15.8Ton (B245CCORTX Min)
Sec=
14.1Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.39
P=72.3 Mppal=12.1 Msec=12.0T m

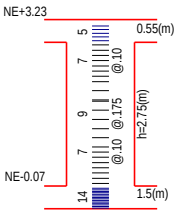
Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.39
P=75.4 Mppal=-13.2 Msec=-9.3T m

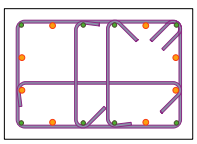
Relación Mínima Col/Vig=1.2(Viga:13)

4-B

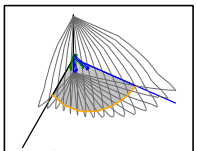
Norma: NSR-10 DMO
Volumen sin nudos= 0.8 m3 Peso del refuerzo= 252.7 Kg Cuantía= 314.2 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION





V. Max Ppal=14.6Ton (B245CCORTX Min)
Sec=
13.1Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
S central 175mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.32
Eficiencia zona superior = 0.16
P=21.5 Mppal=5.1 Msec=2.2T m

Cuantia zona inferior =1.32
Eficiencia zona inferior = 0.27
P=25.3 Mppal=-8.5 Msec=-5.4T m

Relación Mínima Col/Vig=1.3(Viga:02)

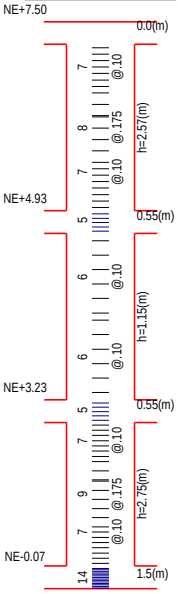
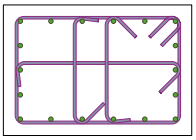
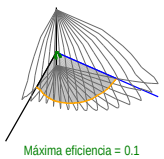
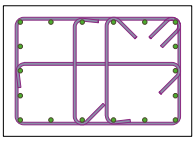
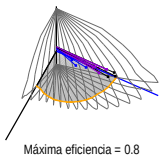
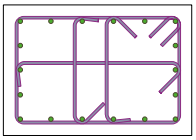
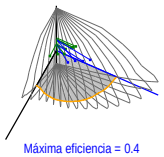
4-C

Norma: NSR-10 DMO
Volumen sin nudos= 1.9 m3 Peso del refuerzo= 442.9 Kg Cuantía= 234.0 kg/m3

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_A-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de columnas
Norma: NSR-10 DMO	Código Nimbus

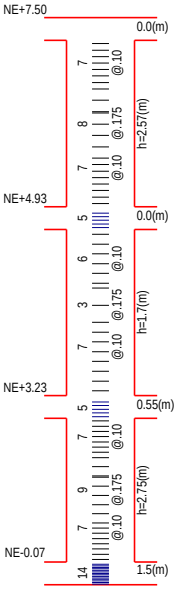
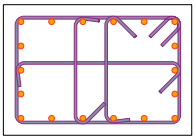
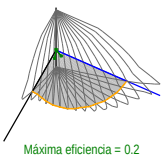
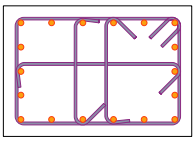
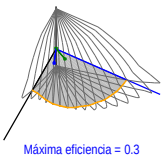
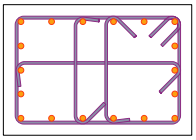
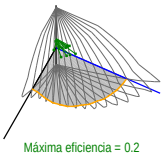
4-C

Norma: NSR-10 DMO
Volumen sin nudos= 1.9 m3 Peso del refuerzo= 442.9 Kg Cuantía= 234.0 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION
	 B= .65H= .45 18/#5(1.22%)	V. Max Ppal=4.4Ton (B245CCORTX Max) Sec= 3.6Ton (B245CCORTY Min) So abajo 100mm (Diseñador) S central 175mm (2 veces separación lo (C.21.3.5.11)) So arriba 100mm (Diseñador)	 Máxima eficiencia = 0.1 P=7.8 Mppal=3.8 Msec=1.7T m	F'c = 28 Mpa Cuantia zona superior =1.22 Eficiencia zona superior = 0.03 P=9.1 Mppal=-.5 Msec=1.2T m Cuantia zona inferior =1.22 Eficiencia zona inferior = 0.13 P=7.8 Mppal=3.8 Msec=1.7T m
	 B= .65H= .45 18/#5(1.22%)	V. Max Ppal=11.8Ton (B247CCORTX Min) Sec= 33.9Ton (B245CCORTY Max) So abajo 100mm (Diseñador) So arriba 100mm (Diseñador)	 Máxima eficiencia = 0.8 P=34.9 Mppal=1.6 Msec=37.7T m	F'c = 28 Mpa Cuantia zona superior =1.22 Eficiencia zona superior = 0.22 P=34.9 Mppal=.4 Msec=9.7T m Cuantia zona inferior =1.22 Eficiencia zona inferior = 0.83 P=34.9 Mppal=1.6 Msec=37.7T m Relación Mínima Col/Vig=1.5(Viga:03)
	 B= .65H= .45 18/#5(1.22%)	V. Max Ppal=13.7Ton (B247CCORTX Min) Sec= 30.1Ton (B245CCORTY Max) So abajo 100mm (Diseñador) S central 175mm (2 veces separación lo (C.21.3.5.11)) So arriba 100mm (Diseñador)	 Máxima eficiencia = 0.4 P=111.0 Mppal=3.1 Msec=22.6T m	F'c = 28 Mpa Cuantia zona superior =1.22 Eficiencia zona superior = 0.39 P=118.0 Mppal=-1.5 Msec=-23.3T m Cuantia zona inferior =1.22 Eficiencia zona inferior = 0.40 P=111.0 Mppal=3.1 Msec=22.6T m Relación Mínima Col/Vig=1.2(Viga:04)

4-D

Norma: NSR-10 DMO
Volumen sin nudos= 2.1 m3 Peso del refuerzo= 572.1 Kg Cuantía= 278.6 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION
	 B= .65H= .45 18/#6(1.75%)	V. Max Ppal=7.2Ton (B245CCORTX Max) Sec= 6.1Ton (B245CCORTY Max) So abajo 100mm (Diseñador) S central 175mm (2 veces separación lo (C.21.3.5.11)) So arriba 100mm (Diseñador)	 Máxima eficiencia = 0.2 P=4.3 Mppal=6.1 Msec=2.3T m	F'c = 28 Mpa Cuantia zona superior =1.75 Eficiencia zona superior = 0.00 P=4.3 Mppal=.0 Msec=.0T m Cuantia zona inferior =1.75 Eficiencia zona inferior = 0.16 P=4.3 Mppal=6.1 Msec=2.3T m
	 B= .65H= .45 18/#6(1.75%)	V. Max Ppal=7.2Ton (B245CCORTX Max) Sec= 6.1Ton (B245CCORTY Max) So abajo 100mm (Diseñador) S central 175mm (2 veces separación lo (C.21.3.5.11)) So arriba 100mm (Diseñador)	 Máxima eficiencia = 0.3 P=4.3 Mppal=10.2 Msec=3.8T m	F'c = 28 Mpa Cuantia zona superior =1.75 Eficiencia zona superior = 0.16 P=4.3 Mppal=6.1 Msec=2.3T m Cuantia zona inferior =1.75 Eficiencia zona inferior = 0.27 P=4.3 Mppal=10.2 Msec=3.8T m
	 B= .65H= .45 18/#6(1.75%)	V. Max Ppal=10.2Ton (B247CCORTX Min) Sec= 16.4Ton (B245CCORTY Min) So abajo 100mm (Diseñador) S central 175mm (2 veces separación lo (C.21.3.5.11)) So arriba 100mm (Diseñador)	 Máxima eficiencia = 0.2 P=96.0 Mppal=-3.8 Msec=-16.2T m	F'c = 28 Mpa Cuantia zona superior =1.75 Eficiencia zona superior = 0.26 P=93.3 Mppal=3.0 Msec=17.1T m Cuantia zona inferior =1.75 Eficiencia zona inferior = 0.25 P=96.0 Mppal=-3.8 Msec=-16.2T m Relación Mínima Col/Vig=1.3(Viga:13)

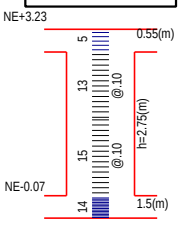
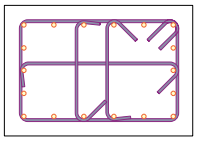
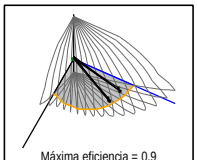
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de columnas
Norma: NSR-10 DMO	Código Nimbus

Combinaciones usadas en el grupo de diseño #1

Nº	Definición	Flexo-compresión	Cortante	Rel. Col/Vig
1	B241	SI	SI	SI
2	B242	SI	SI	SI
3	B243	SI	SI	SI
4	B244	SI	SI	SI
5	B246	SI	SI	SI
6	B245CX Max	SI	SI	SI
7	B245CX Min	SI	SI	SI
8	B245CY Max	SI	SI	SI
9	B245CY Min	SI	SI	SI
10	B247CX Max	SI	SI	SI
11	B247CX Min	SI	SI	SI
12	B247CY Max	SI	SI	SI
13	B247CY Min	SI	SI	SI
14	B245CCORTX Max		SI	
15	B245CCORTX Min		SI	
16	B245CCORTY Max		SI	
17	B245CCORTY Min		SI	
18	B247CCORTX Max		SI	
19	B247CCORTX Min		SI	
20	B247CCORTY Max		SI	
21	B247CCORTY Min		SI	

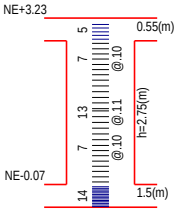
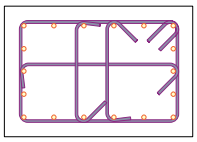
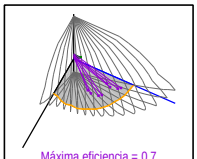
8-B

Norma: NSR-10 DMO
Volumen sin nudos= 0.8 m3 Peso del refuerzo= 245.9 Kg Cuantía= 305.7 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION
		V. Max Ppal=27.2Ton (B245CCORTX Min) Sec= 39.9Ton (B245CCORTY Min) So abajo 100mm (Diseñador) So arriba 100mm (Diseñador)		F'c = 28 Mpa Cuantia zona superior =1.22 Eficiencia zona superior = 0.38 P=9.7 Mppal=10.6 Msec=6.1T m Cuantia zona inferior =1.22 Eficiencia zona inferior = 0.91 P=.6 Mppal=14.6 Msec=28.9T m Relación Mínima Col/Vig=2.2(Viga:02)

9-B

Norma: NSR-10 DMO
Volumen sin nudos= 0.8 m3 Peso del refuerzo= 243.7 Kg Cuantía= 303.0 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION
		V. Max Ppal=28.3Ton (B247CCORTX Max) Sec= 39.6Ton (B245CCORTY Min) So abajo 100mm (Diseñador) S central 110mm (Por Solicitaciones) So arriba 100mm (Diseñador)		F'c = 28 Mpa Cuantia zona superior =1.22 Eficiencia zona superior = 0.36 P=35.9 Mppal=9.8 Msec=10.1T m Cuantia zona inferior =1.22 Eficiencia zona inferior = 0.75 P=30.4 Mppal=-7.5 Msec=-31.0T m Relación Mínima Col/Vig=1.2(Viga:02)

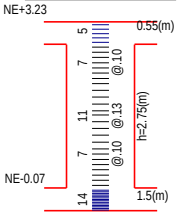
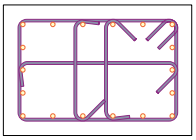
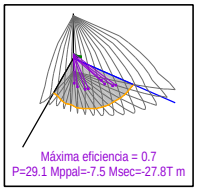
10-B

Norma: NSR-10 DMO

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de columnas
Norma: NSR-10 DMO	Código Nimbus

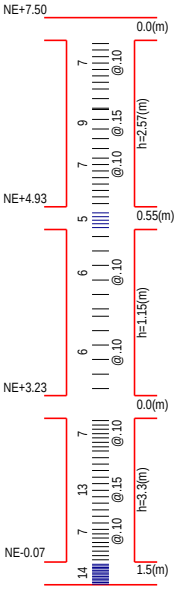
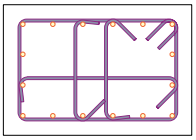
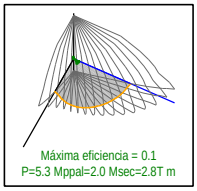
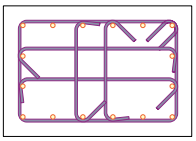
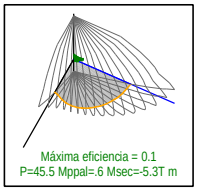
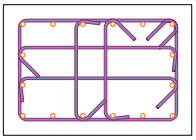
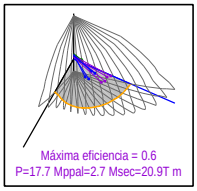
10-B

Norma: NSR-10 DMO
Volumen sin nudos= 0.8 m3 Peso del refuerzo= 239.4 Kg Cuantía= 297.7 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION
		V. Max Ppal=28.2Ton (B247CCORTX Max) Sec= 35.7Ton (B245CCORTY Min) So abajo 100mm (Diseñador) S central 130mm (Por Solicitaciones) So arriba 100mm (Diseñador)		F'c = 28 Mpa Cuantia zona superior =1.22 Eficiencia zona superior = 0.33 P=17.5 Mppal=9.8 Msec=5.6T m Cuantia zona inferior =1.22 Eficiencia zona inferior = 0.68 P=29.1 Mppal=-7.5 Msec=-27.8T m Relación Mínima Col/Vig=1.2(Viga:02)

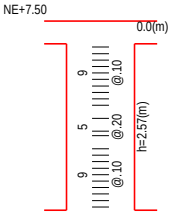
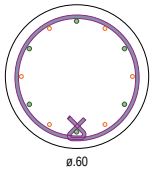
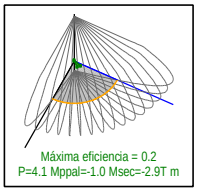
8-C

Norma: NSR-10 DMO
Volumen sin nudos= 2.1 m3 Peso del refuerzo= 428.8 Kg Cuantía= 208.8 kg/m3

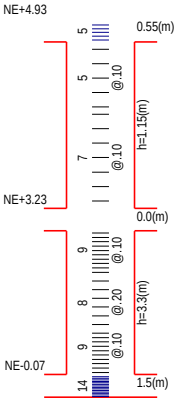
DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION
		V. Max Ppal=2.1Ton (B245CCORTX Max) Sec= 3.7Ton (B245CCORTY Min) So abajo 100mm (Diseñador) S central 150mm (2 veces separación lo (C.21.3.5.11)) So arriba 100mm (Diseñador)		F'c = 28 Mpa Cuantia zona superior =1.09 Eficiencia zona superior = 0.00 P=5.3 Mppal=.0 Msec=.0T m Cuantia zona inferior =1.09 Eficiencia zona inferior = 0.11 P=5.3 Mppal=2.0 Msec=2.8T m
		V. Max Ppal=9.8Ton (B245CCORTX Min) Sec= 20.4Ton (B245CCORTY Max) So abajo 100mm (Diseñador) So arriba 100mm (Diseñador)		F'c = 28 Mpa Cuantia zona superior =1.09 Eficiencia zona superior = 0.40 P=43.5 Mppal=-2.9 Msec=-16.5T m Cuantia zona inferior =1.09 Eficiencia zona inferior = 0.13 P=45.5 Mppal=.6 Msec=-5.3T m Relación Mínima Col/Vig=4.3(Viga:04)
		V. Max Ppal=9.8Ton (B245CCORTX Min) Sec= 20.4Ton (B245CCORTY Max) So abajo 100mm (Diseñador) S central 150mm (2 veces separación lo (C.21.3.5.11)) So arriba 100mm (Diseñador)		F'c = 28 Mpa Cuantia zona superior =1.09 Eficiencia zona superior = 0.13 P=45.5 Mppal=.6 Msec=-5.3T m Cuantia zona inferior =1.09 Eficiencia zona inferior = 0.57 P=17.7 Mppal=2.7 Msec=20.9T m

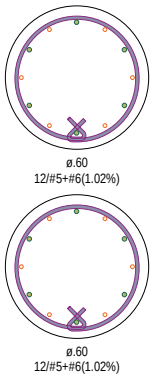
9-C

Norma: NSR-10 DMO
Volumen sin nudos= 2.0 m3 Peso del refuerzo= 304.2 Kg Cuantía= 153.3 kg/m3

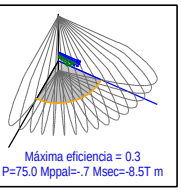
DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION
		V. Max Ppal=2.1Ton (B245CCORTX Min) Sec= 3.4Ton (B245CCORTY Max) So abajo 100mm (Diseñador) S central 200mm (Diseñador) So arriba 100mm (Diseñador)		F'c = 28 Mpa Cuantia zona superior =1.02 Eficiencia zona superior = 0.00 P=5.5 Mppal=.0 Msec=.0T m Cuantia zona inferior =1.02 Eficiencia zona inferior = 0.17 P=4.1 Mppal=-1.0 Msec=-2.9T m

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de columnas
Norma: NSR-10 DMO	Código Nimbus





V. Max Ppal=12.3Ton (B245CCORTX Max)
Sec=
17.4Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)

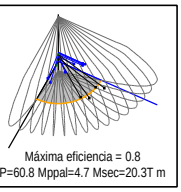


F'c = 28 Mpa
Cuantia zona superior =1.02
Eficiencia zona superior = 0.80
P=75.0 Mppal=-3.4 Msec=-22.7T m

Cuantia zona inferior =1.02
Eficiencia zona inferior = 0.30
P=75.0 Mppal=-.7 Msec=-8.5T m

Relación Mínima Col/Vig=1.4(Viga:18)

V. Max Ppal=12.3Ton (B245CCORTX Max)
Sec=
17.4Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 200mm (Diseñador)
So arriba 100mm (Diseñador)



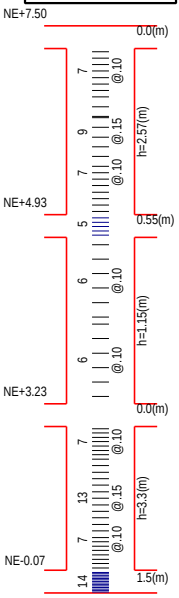
F'c = 28 Mpa
Cuantia zona superior =1.02
Eficiencia zona superior = 0.30
P=75.0 Mppal=-.7 Msec=-8.5T m

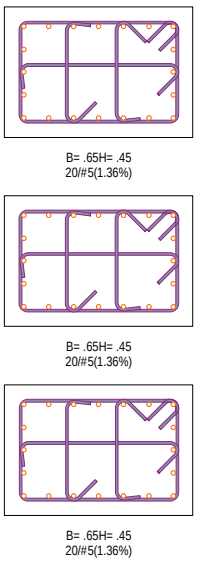
Cuantia zona inferior =1.02
Eficiencia zona inferior = 0.78
P=60.8 Mppal=4.7 Msec=20.3T m

10-C

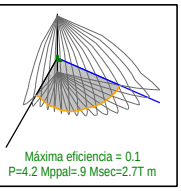
Norma: NSR-10 DMO
Volumen sin nudos= 2.1 m3 Peso del refuerzo= 463.5 Kg Cuantía= 225.7 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION





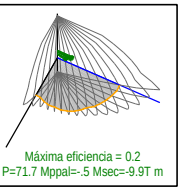
V. Max Ppal=2.1Ton (B245CCORTX Max)
Sec=
3.2Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.00
P=5.6 Mppal=.0 Msec=.0T m

Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.07
P=4.2 Mppal=.9 Msec=2.7T m

V. Max Ppal=9.7Ton (B247CCORTX Max)
Sec=
20.2Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)

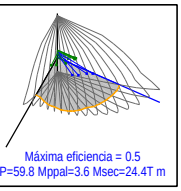


F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.47
P=71.7 Mppal=-2.7 Msec=-25.4T m

Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.18
P=71.7 Mppal=-.5 Msec=-9.9T m

Relación Mínima Col/Vig=2.4(Viga:25)

V. Max Ppal=9.7Ton (B247CCORTX Max)
Sec=
20.2Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



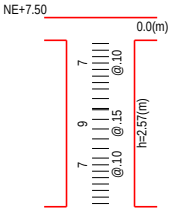
F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.18
P=71.7 Mppal=-.5 Msec=-9.9T m

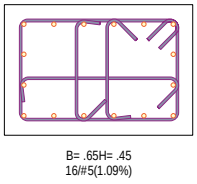
Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.47
P=59.8 Mppal=3.6 Msec=24.4T m

8-D

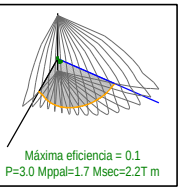
Norma: NSR-10 DMO
Volumen sin nudos= 2.1 m3 Peso del refuerzo= 428.8 Kg Cuantía= 208.8 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION





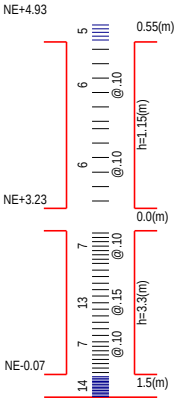
V. Max Ppal=2.0Ton (B245CCORTX Max)
Sec=
2.9Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)

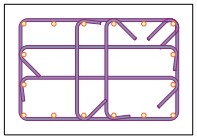


F'c = 28 Mpa
Cuantia zona superior =1.09
Eficiencia zona superior = 0.00
P=4.0 Mppal=.0 Msec=.0T m

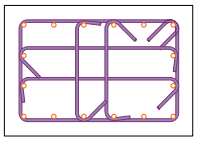
Cuantia zona inferior =1.09
Eficiencia zona inferior = 0.09
P=3.0 Mppal=1.7 Msec=2.2T m

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de columnas
Norma: NSR-10 DMO	Código Nimbus



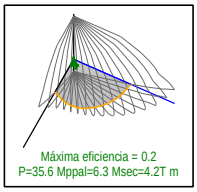


B= .65H= .45
16/#5(1.09%)



B= .65H= .45
16/#5(1.09%)

V. Max Ppal=11.5Ton (B245CCORTX Min)
Sec=
13.2Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)

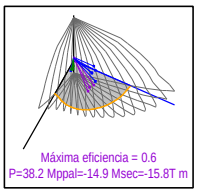


F'c = 28 Mpa
Cuantia zona superior =1.09
Eficiencia zona superior = 0.51
P=35.6 Mppal=15.3 Msec=6.2T m

Cuantia zona inferior =1.09
Eficiencia zona inferior = 0.22
P=35.6 Mppal=6.3 Msec=4.2T m

Relación Mínima Col/Vig=1.9(Viga:11)

V. Max Ppal=11.5Ton (B245CCORTX Min)
Sec=
13.2Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



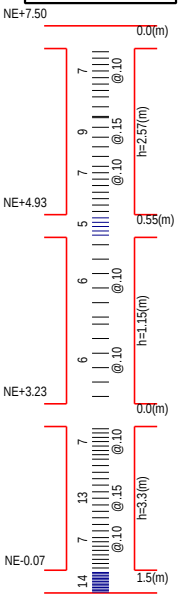
F'c = 28 Mpa
Cuantia zona superior =1.09
Eficiencia zona superior = 0.22
P=35.6 Mppal=6.3 Msec=4.2T m

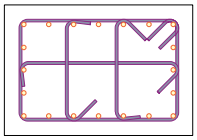
Cuantia zona inferior =1.09
Eficiencia zona inferior = 0.58
P=38.2 Mppal=-14.9 Msec=-15.8T m

9-D

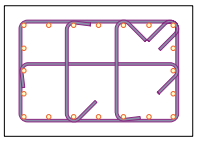
Norma: NSR-10 DMO
Volumen sin nudos= 2.1 m3 Peso del refuerzo= 463.5 Kg Cuantía= 225.7 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION

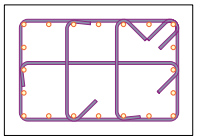




B= .65H= .45
20/#5(1.36%)

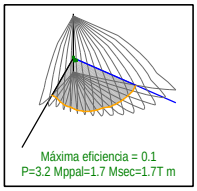


B= .65H= .45
20/#5(1.36%)



B= .65H= .45
20/#5(1.36%)

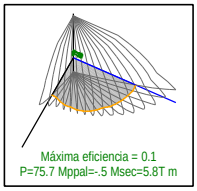
V. Max Ppal=1.9Ton (B245CCORTX Max)
Sec=
2.8Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.00
P=4.2 Mppal=.0 Msec=.0T m

Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.06
P=3.2 Mppal=1.7 Msec=1.7T m

V. Max Ppal=10.0Ton (B245CCORTX Max)
Sec=
13.3Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)

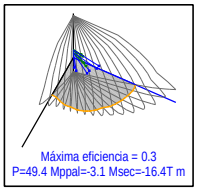


F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.21
P=70.9 Mppal=-1.4 Msec=11.3T m

Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.11
P=75.7 Mppal=-.5 Msec=5.8T m

Relación Mínima Col/Vig=1.2(Viga:18)

V. Max Ppal=10.0Ton (B245CCORTX Max)
Sec=
13.3Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



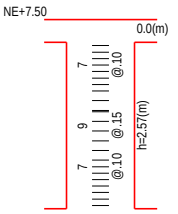
F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.11
P=75.7 Mppal=-.5 Msec=5.8T m

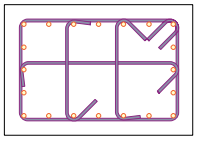
Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.33
P=49.4 Mppal=-3.1 Msec=-16.4T m

10-D

Norma: NSR-10 DMO
Volumen sin nudos= 2.1 m3 Peso del refuerzo= 463.5 Kg Cuantía= 225.7 kg/m3

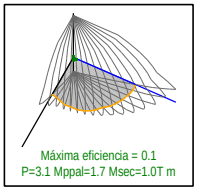
DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION





B= .65H= .45
20/#5(1.36%)

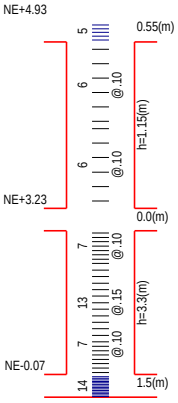
V. Max Ppal=2.0Ton (B245CCORTX Max)
Sec=
2.5Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)

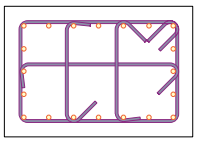


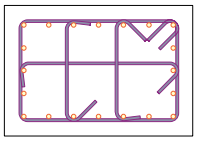
F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.00
P=4.2 Mppal=.0 Msec=.0T m

Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.06
P=3.1 Mppal=1.7 Msec=1.0T m

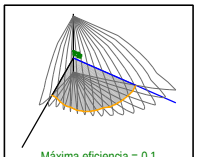
Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de columnas
Norma: NSR-10 DMO	Código Nimbus







V. Max Ppal=9.0Ton (B245CCORTX Min)
Sec=
11.3Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)

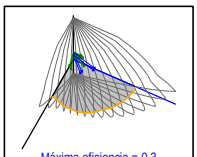


F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.19
P=65.7 Mppal=.2 Msec=10.3T m

Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.10
P=70.3 Mppal=.4 Msec=5.1T m

Relación Mínima Col/Vig=1.4(Viga:25)

V. Max Ppal=9.0Ton (B245CCORTX Min)
Sec=
11.3Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



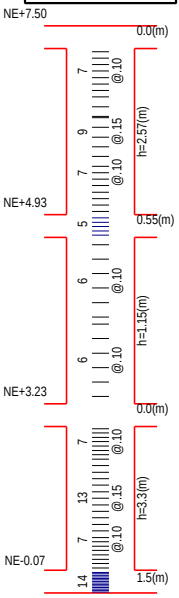
F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.10
P=70.3 Mppal=.4 Msec=5.1T m

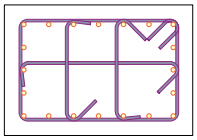
Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.30
P=45.5 Mppal=-3.6 Msec=-14.3T m

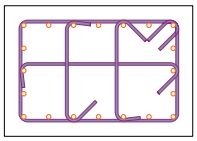
11-D

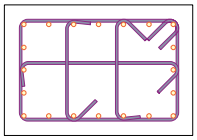
Norma: NSR-10 DMO
Volumen sin nudos= 2.1 m3 Peso del refuerzo= 463.5 Kg Cuantía= 225.7 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION

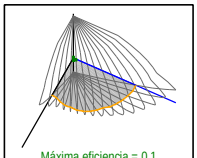








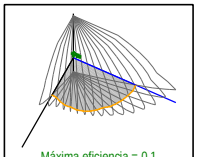
V. Max Ppal=1.9Ton (B245CCORTX Max)
Sec=
2.4Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.00
P=4.1 Mppal=.0 Msec=.0T m

Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.06
P=3.1 Mppal=1.6 Msec=1.0T m

V. Max Ppal=10.1Ton (B245CCORTX Max)
Sec=
10.7Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)

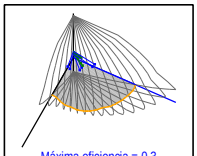


F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.22
P=65.7 Mppal=-7.5 Msec=4.5T m

Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.09
P=63.3 Mppal=-.9 Msec=4.7T m

Relación Mínima Col/Vig=1.3(Viga:32)

V. Max Ppal=10.1Ton (B245CCORTX Max)
Sec=
10.7Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



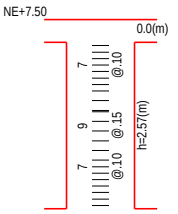
F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.09
P=63.3 Mppal=-.9 Msec=4.7T m

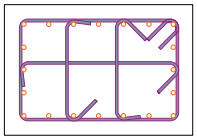
Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.29
P=41.5 Mppal=-2.8 Msec=-13.6T m

11-C

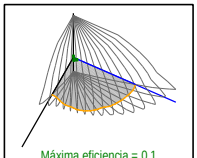
Norma: NSR-10 DMO
Volumen sin nudos= 2.1 m3 Peso del refuerzo= 463.5 Kg Cuantía= 225.7 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION





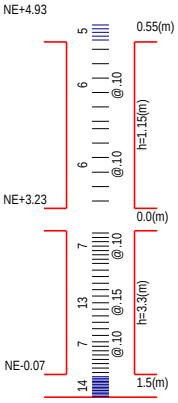
V. Max Ppal=2.1Ton (B245CCORTX Min)
Sec=
3.0Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)

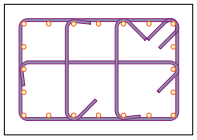


F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.00
P=5.5 Mppal=.0 Msec=.0T m

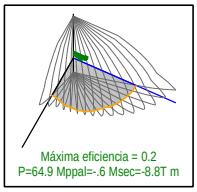
Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.07
P=4.1 Mppal=-.9 Msec=-2.6T m

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de columnas
Norma: NSR-10 DMO	Código Nimbus





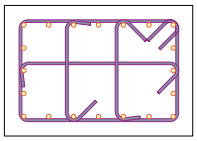
V. Max Ppal=9.8Ton (B245CCORTX Max)
Sec=
18.8Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)



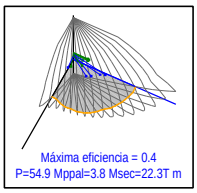
F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.44
P=64.9 Mppal=-2.9 Msec=-22.8T m

Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.17
P=64.9 Mppal=-.6 Msec=-8.8T m

Relación Mínima Col/Vig=2.4(Viga:32)



V. Max Ppal=9.8Ton (B245CCORTX Max)
Sec=
18.8Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



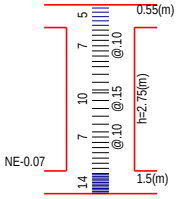
F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.17
P=64.9 Mppal=-.6 Msec=-8.8T m

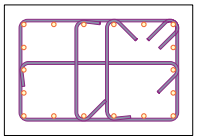
Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.44
P=54.9 Mppal=3.8 Msec=22.3T m

11-B

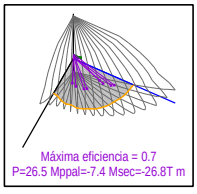
Norma: NSR-10 DMO
Volumen sin nudos= 0.8 m3 Peso del refuerzo= 237.3 Kg Cuantía= 295.0 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION





V. Max Ppal=28.4Ton (B245CCORTX Max)
Sec=
34.4Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.34
P=23.0 Mppal=-9.9 Msec=1.7T m

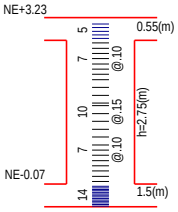
Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.67
P=26.5 Mppal=-7.4 Msec=-26.8T m

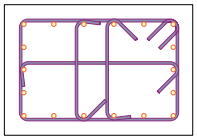
Relación Mínima Col/Vig=1.2(Viga:02)

12-B

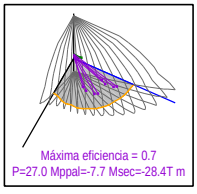
Norma: NSR-10 DMO
Volumen sin nudos= 0.8 m3 Peso del refuerzo= 237.3 Kg Cuantía= 295.0 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION





V. Max Ppal=28.7Ton (B245CCORTX Min)
Sec=
36.7Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.36
P=37.1 Mppal=10.4 Msec=9.2T m

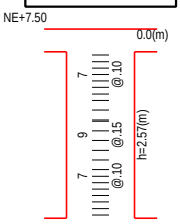
Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.70
P=27.0 Mppal=-7.7 Msec=-28.4T m

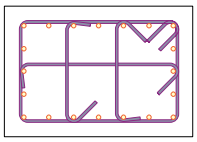
Relación Mínima Col/Vig=1.2(Viga:02)

12-C

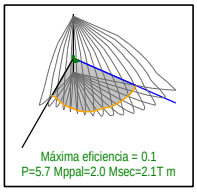
Norma: NSR-10 DMO
Volumen sin nudos= 2.1 m3 Peso del refuerzo= 463.5 Kg Cuantía= 225.7 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION





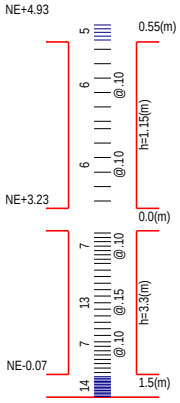
V. Max Ppal=2.2Ton (B245CCORTX Max)
Sec=
3.4Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)

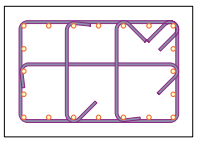


F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.00
P=5.7 Mppal=.0 Msec=.0T m

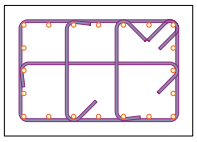
Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.08
P=5.7 Mppal=2.0 Msec=2.1T m

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de columnas
Norma: NSR-10 DMO	Código Nimbus



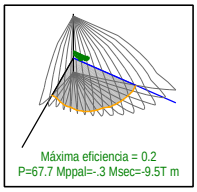


B= .65H= .45
20/#5(1.36%)



B= .65H= .45
20/#5(1.36%)

V. Max Ppal=10.0Ton (B245CCORTX Min)
Sec=
19.9Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)

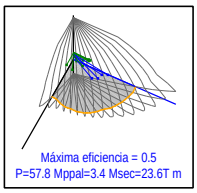


F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.46
P=67.7 Mppal=-2.2 Msec=-24.5T m

Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.18
P=67.7 Mppal=-.3 Msec=-9.5T m

Relación Mínima Col/Vig=2.4(Viga:39)

V. Max Ppal=10.0Ton (B245CCORTX Min)
Sec=
19.9Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



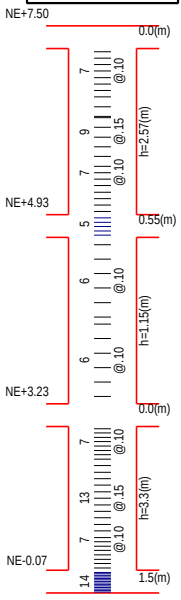
F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.18
P=67.7 Mppal=-.3 Msec=-9.5T m

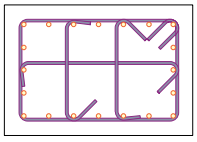
Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.46
P=57.8 Mppal=3.4 Msec=23.6T m

12-D

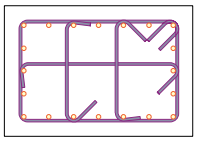
Norma: NSR-10 DMO
Volumen sin nudos= 2.1 m3 Peso del refuerzo= 463.5 Kg Cuantía= 225.7 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION

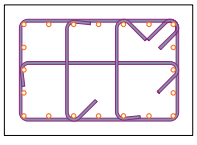




B= .65H= .45
20/#5(1.36%)

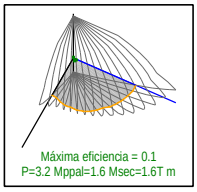


B= .65H= .45
20/#5(1.36%)



B= .65H= .45
20/#5(1.36%)

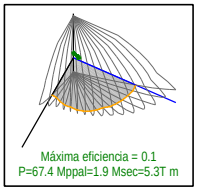
V. Max Ppal=1.9Ton (B245CCORTX Max)
Sec=
2.6Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.00
P=4.2 Mppal=.0 Msec=.0T m

Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.06
P=3.2 Mppal=1.6 Msec=1.6T m

V. Max Ppal=10.8Ton (B245CCORTX Min)
Sec=
11.5Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)

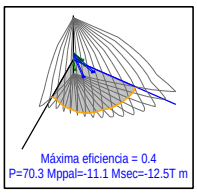


F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.28
P=67.8 Mppal=8.8 Msec=8.0T m

Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.11
P=67.4 Mppal=1.9 Msec=5.3T m

Relación Mínima Col/Vig=1.4(Viga:39)

V. Max Ppal=10.8Ton (B245CCORTX Min)
Sec=
11.5Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



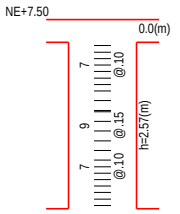
F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.11
P=67.4 Mppal=1.9 Msec=5.3T m

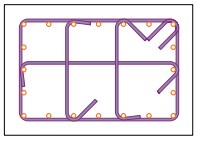
Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.37
P=70.3 Mppal=-11.1 Msec=-12.5T m

13-D

Norma: NSR-10 DMO
Volumen sin nudos= 2.1 m3 Peso del refuerzo= 463.5 Kg Cuantía= 225.7 kg/m3

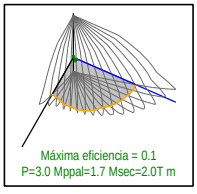
DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION





B= .65H= .45
20/#5(1.36%)

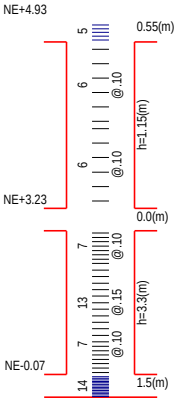
V. Max Ppal=2.0Ton (B245CCORTX Max)
Sec=
2.5Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)

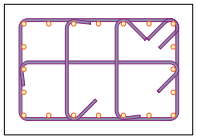


F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.00
P=4.0 Mppal=.0 Msec=.0T m

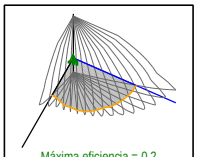
Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.07
P=3.0 Mppal=1.7 Msec=2.0T m

Nombre Principal	PRO-054-BLOQUEPPAL-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de columnas
Norma: NSR-10 DMO	Código Nimbus





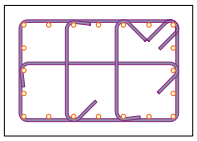
V. Max Ppal=11.2Ton (B245CCORTX Max)
Sec=
12.0Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)



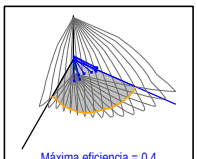
F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.43
P=39.8 Mppal=-14.3 Msec=2.8T m

Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.18
P=39.8 Mppal=-5.8 Msec=-.1T m

Relación Mínima Col/Vig=2.3(Viga:46)



V. Max Ppal=11.2Ton (B245CCORTX Max)
Sec=
12.0Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



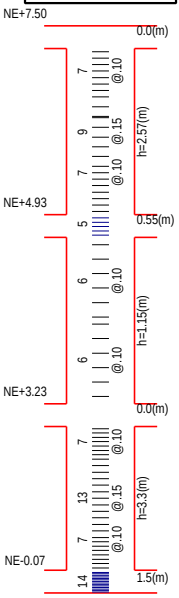
F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.18
P=39.8 Mppal=-5.8 Msec=-.1T m

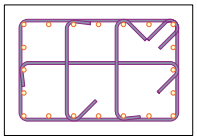
Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.43
P=37.2 Mppal=14.2 Msec=7.8T m

13-C

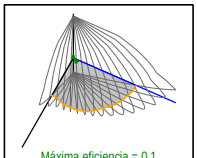
Norma: NSR-10 DMO
Volumen sin nudos= 2.1 m3 Peso del refuerzo= 463.5 Kg Cuantía= 225.7 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION



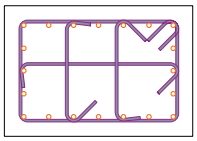


V. Max Ppal=2.2Ton (B245CCORTX Min)
Sec=
3.4Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)

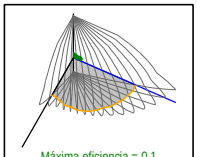


F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.00
P=5.3 Mppal=.0 Msec=.0T m

Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.09
P=5.3 Mppal=-2.0 Msec=-2.7T m



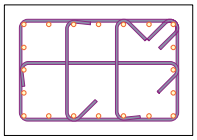
V. Max Ppal=9.4Ton (B245CCORTX Max)
Sec=
16.0Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)



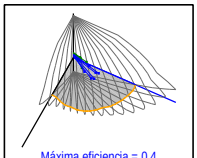
F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.34
P=48.1 Mppal=-7.3 Msec=-14.3T m

Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.12
P=48.1 Mppal=-1.8 Msec=-5.7T m

Relación Mínima Col/Vig=3.8(Viga:46)



V. Max Ppal=9.4Ton (B245CCORTX Max)
Sec=
16.0Ton (B245CCORTY Max)
So abajo 100mm (Diseñador)
S central 150mm (2 veces separación lo (C.21.3.5.11))
So arriba 100mm (Diseñador)



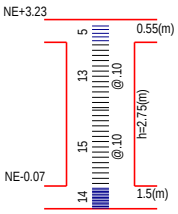
F'c = 28 Mpa
Cuantia zona superior =1.36
Eficiencia zona superior = 0.12
P=48.1 Mppal=-1.8 Msec=-5.7T m

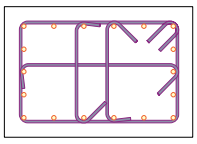
Cuantia zona inferior =1.36
Eficiencia zona inferior = 0.44
P=34.6 Mppal=9.0 Msec=17.6T m

13-B

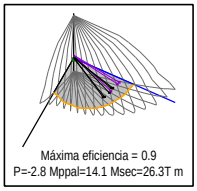
Norma: NSR-10 DMO
Volumen sin nudos= 0.8 m3 Peso del refuerzo= 245.9 Kg Cuantía= 305.7 kg/m3

DISTRIBUCIÓN DE ESTRIBOS	SECCIÓN INFERIOR	DISEÑO CORTANTE	SUP.INTERACCIÓN ZONA INFERIOR	DISEÑO FLEXION





V. Max Ppal=21.6Ton (B245CCORTX Max)
Sec=
38.8Ton (B245CCORTY Min)
So abajo 100mm (Diseñador)
So arriba 100mm (Diseñador)



F'c = 28 Mpa
Cuantia zona superior =1.22
Eficiencia zona superior = 0.27
P=30.3 Mppal=-8.2 Msec=-5.8T m

Cuantia zona inferior =1.22
Eficiencia zona inferior = 0.86
P=-2.8 Mppal=14.1 Msec=26.3T m

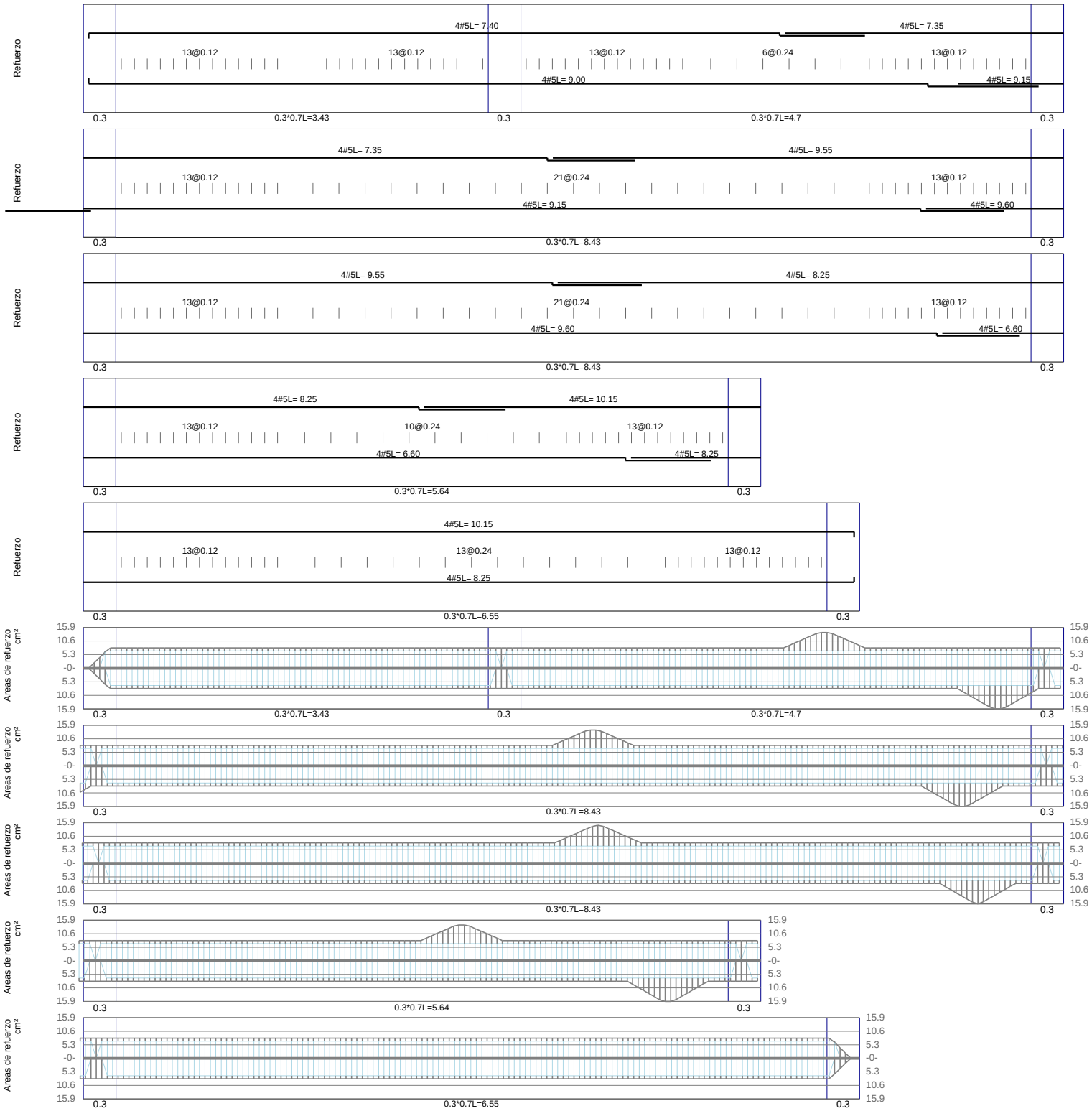
Relación Mínima Col/Vig=1.6(Viga:44)

Anexo 13. Diseño de cimentación

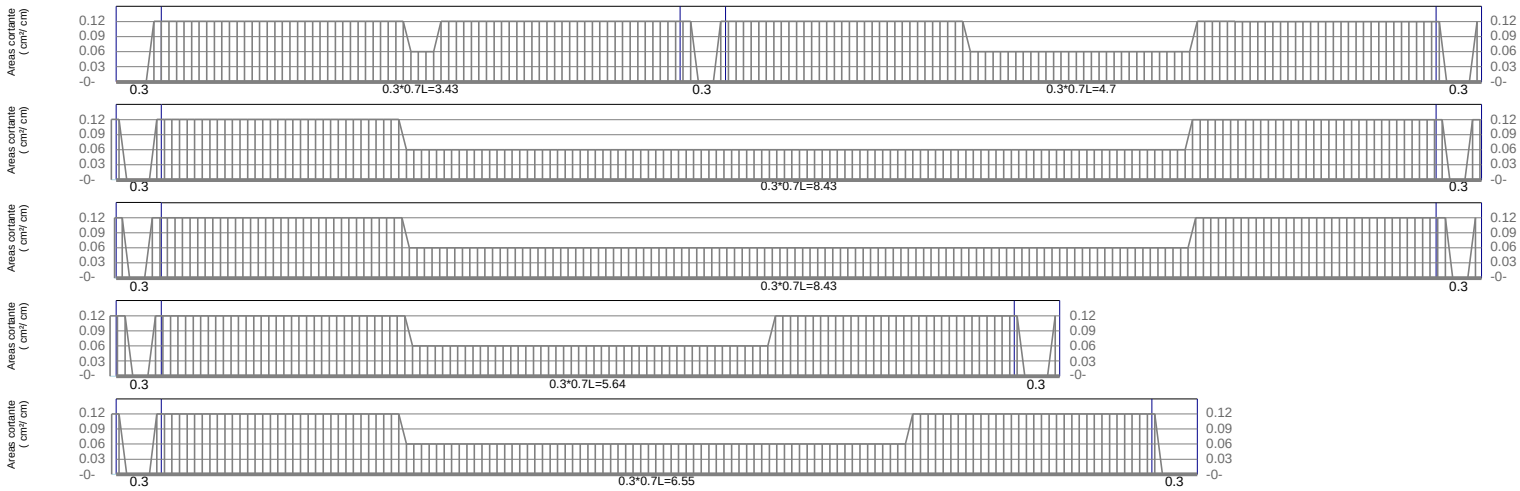
Av. Carrera 30 No.45-03 Ciudad Universitaria
Edificio 406 (Instituto de Extensión e Investigación - I.E.I) Oficina 218
57 (1) 3165513 PBX 3165000 Ext. 13301/02/27
insei_bog@unal.edu.co
Bogotá, D. C., Colombia

Nombre Principal	PRO-054-ZIPA-CIM-ESTRUC_A
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

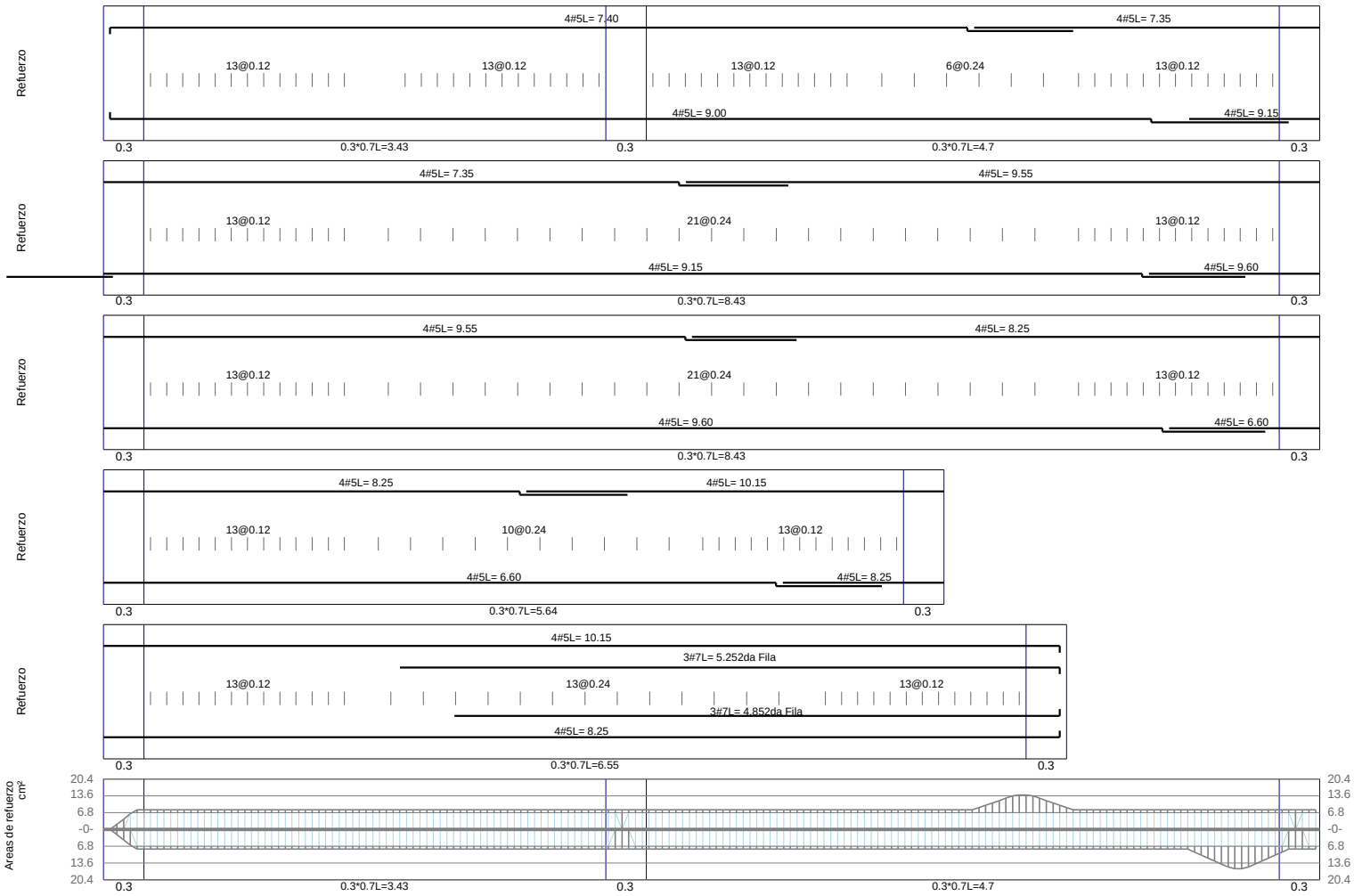
VC-A-101 / NE+0.00



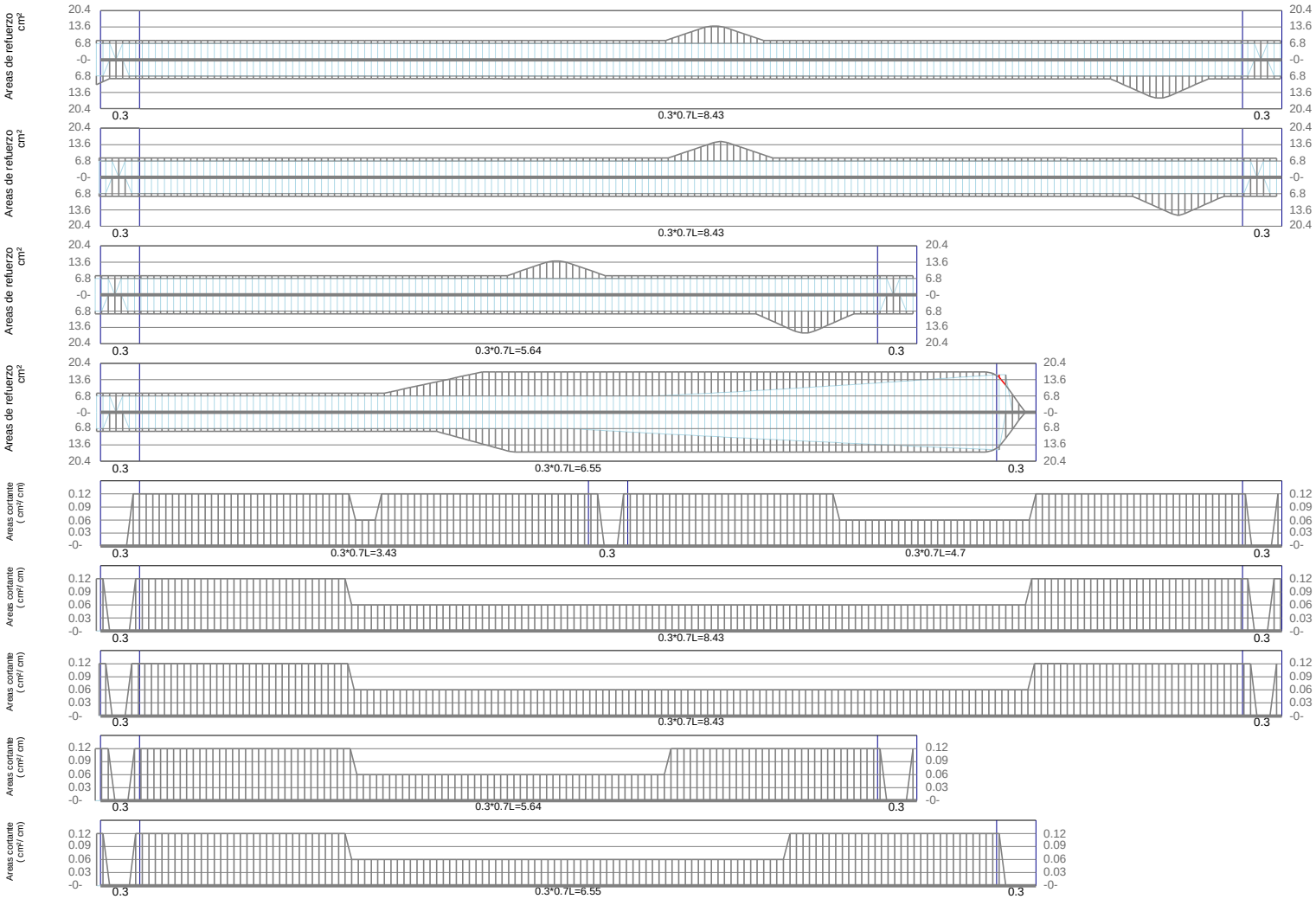
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



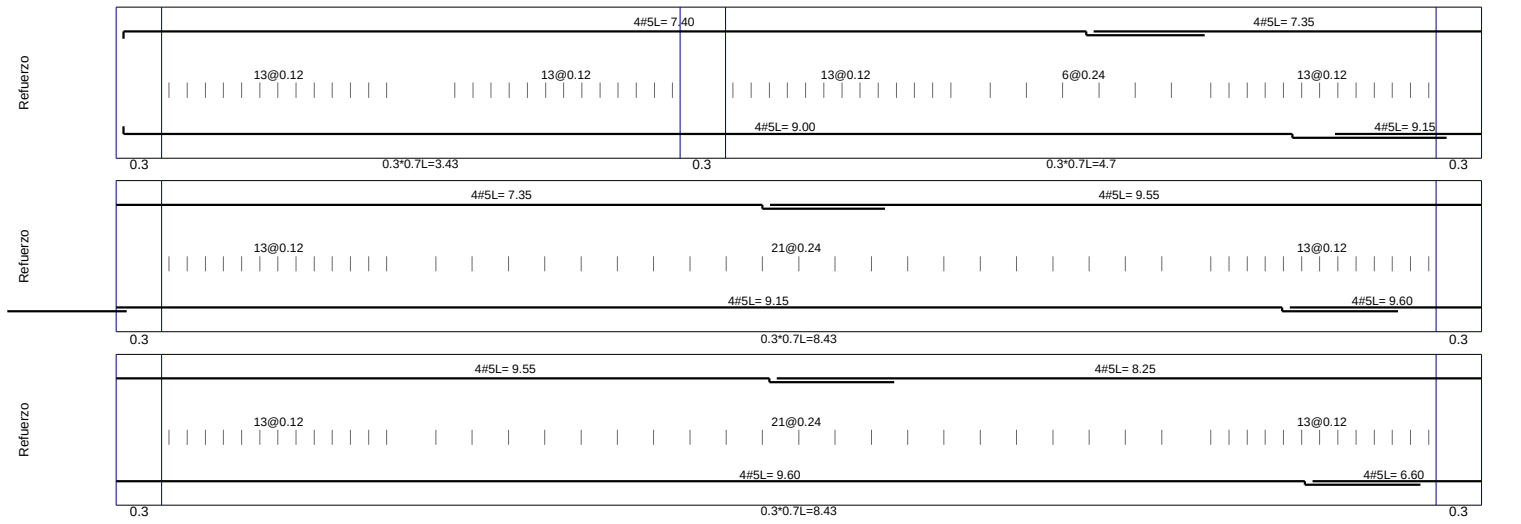
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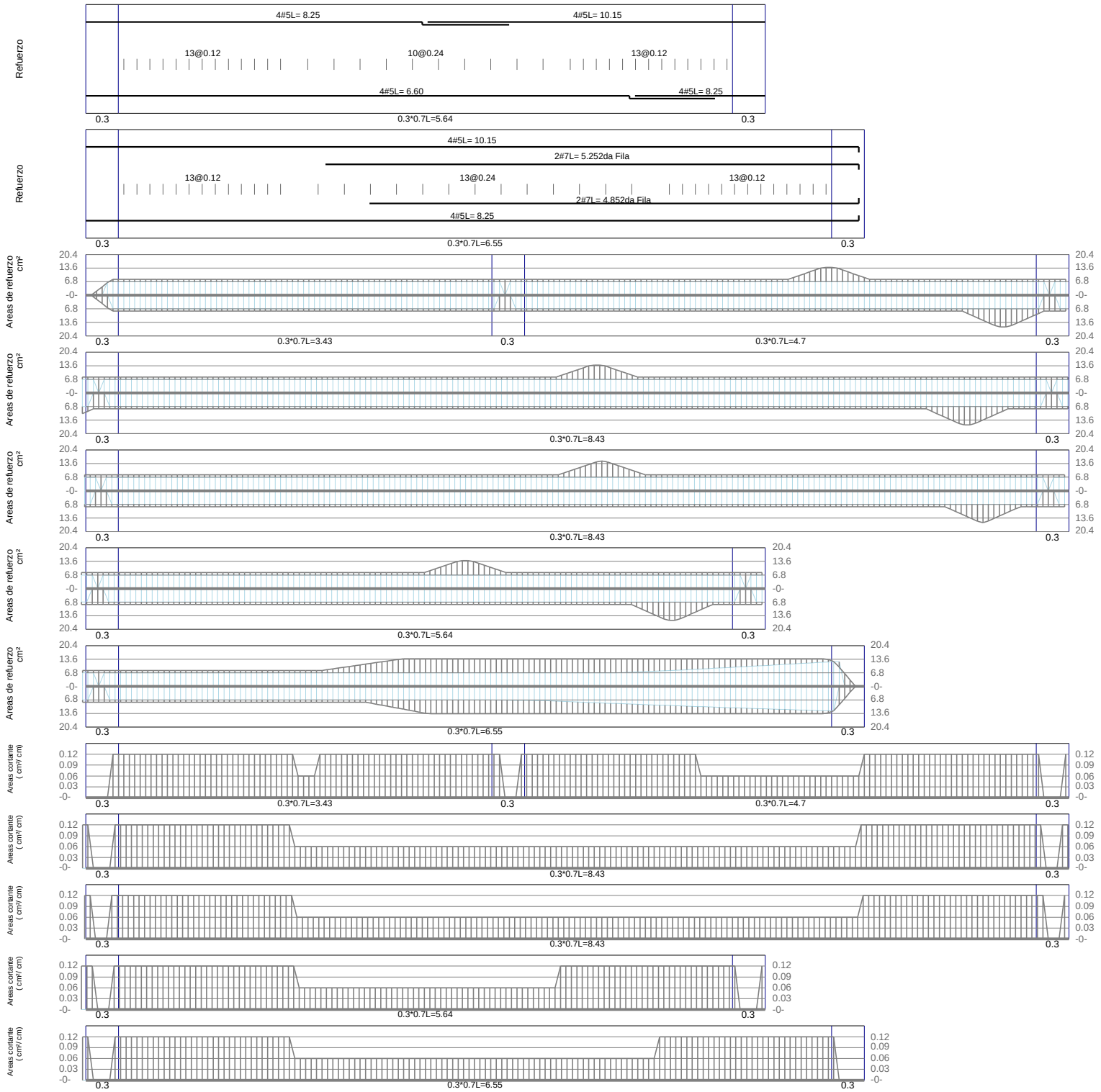
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



VC-A-103 / NE+0.00



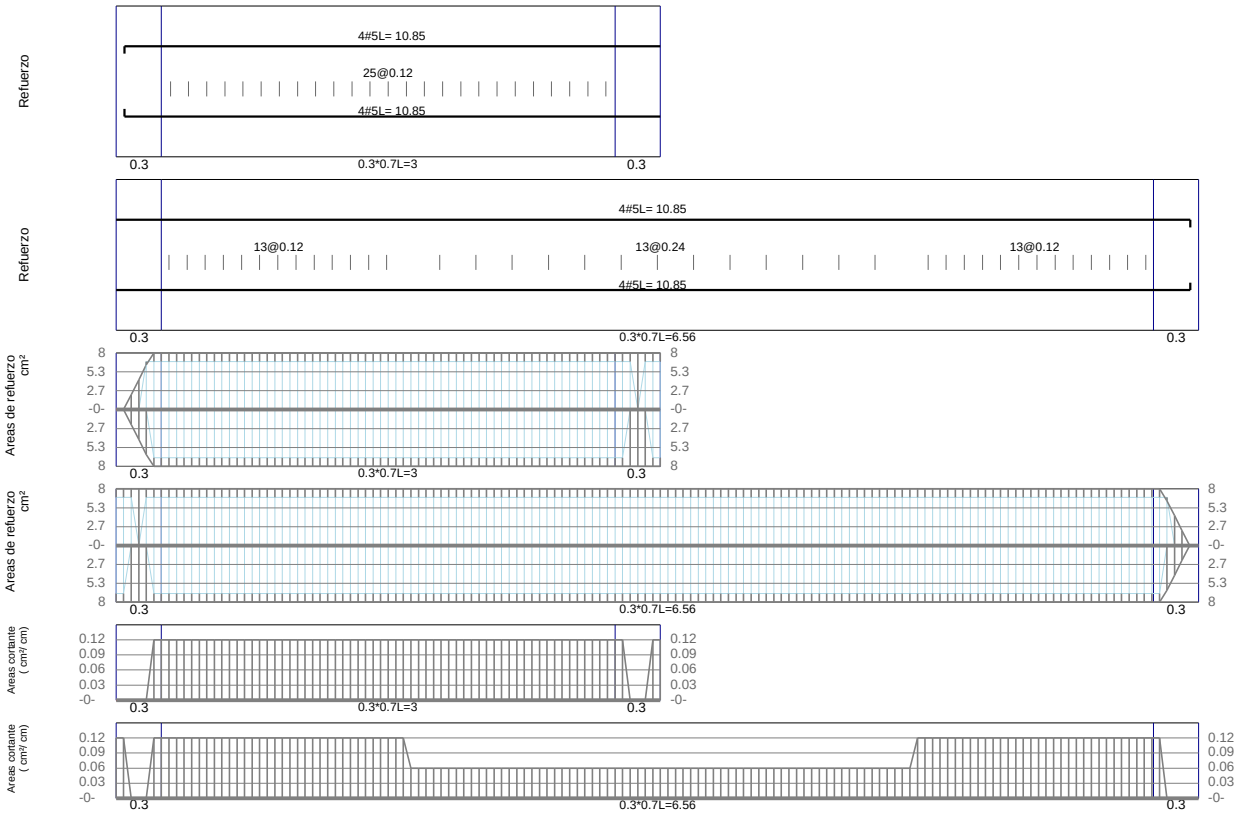
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



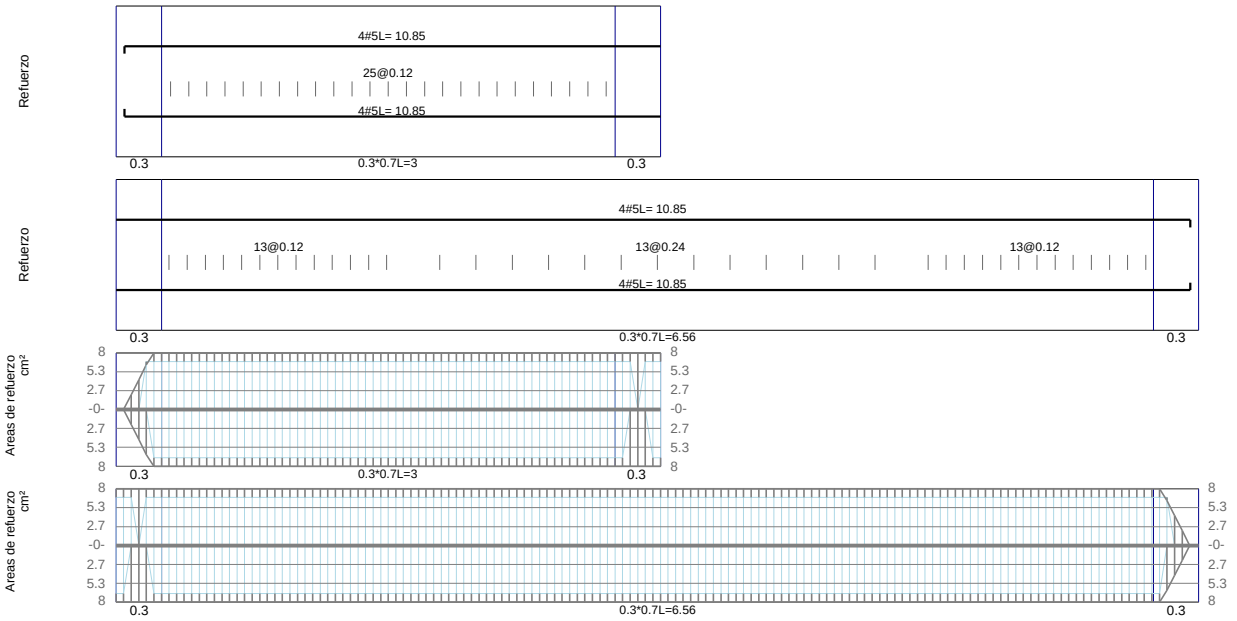
VC-A-104 / NE+0.00

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DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

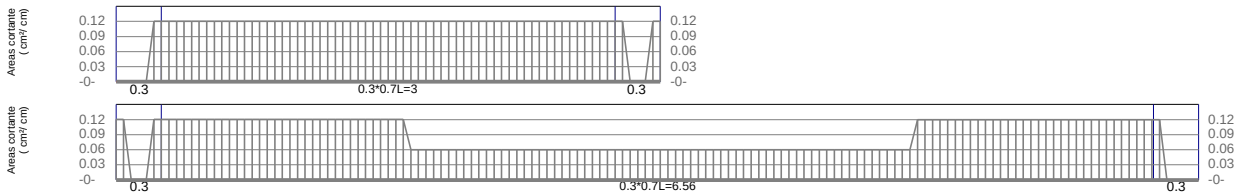
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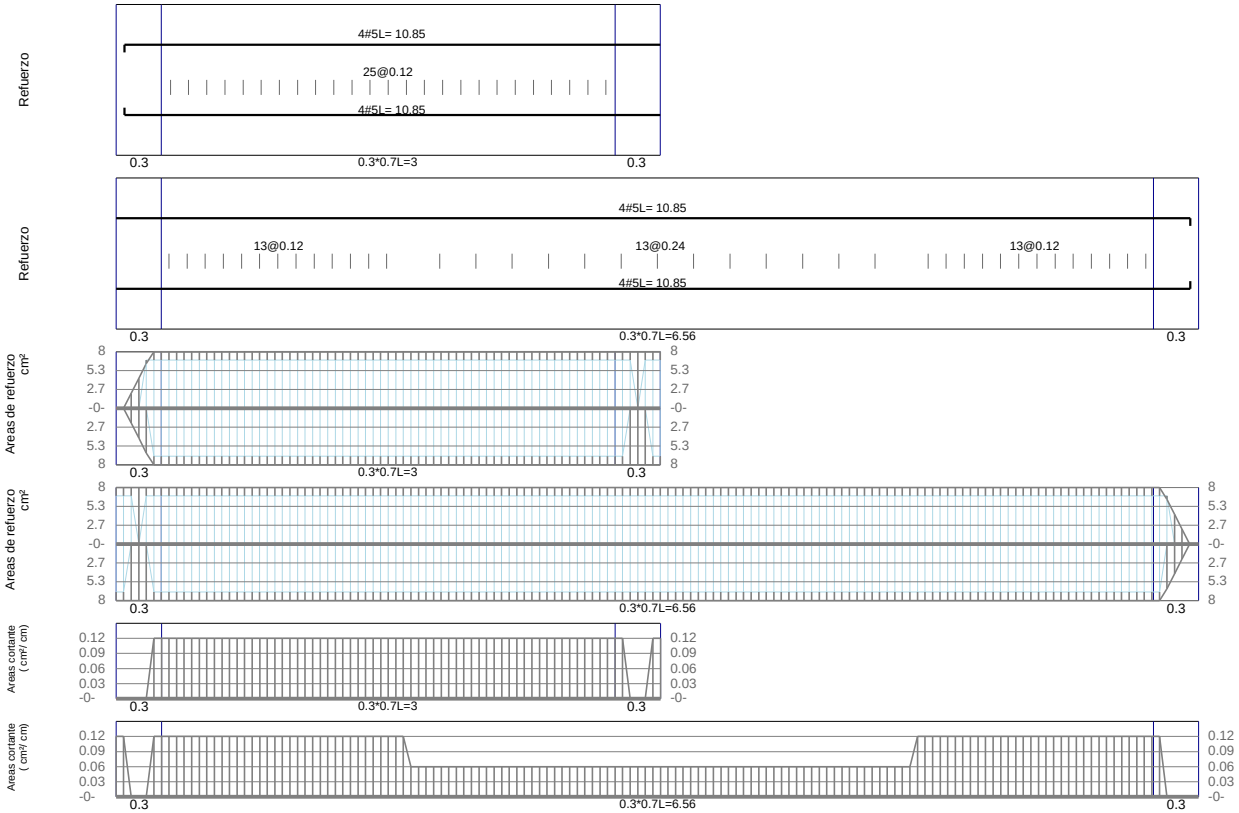
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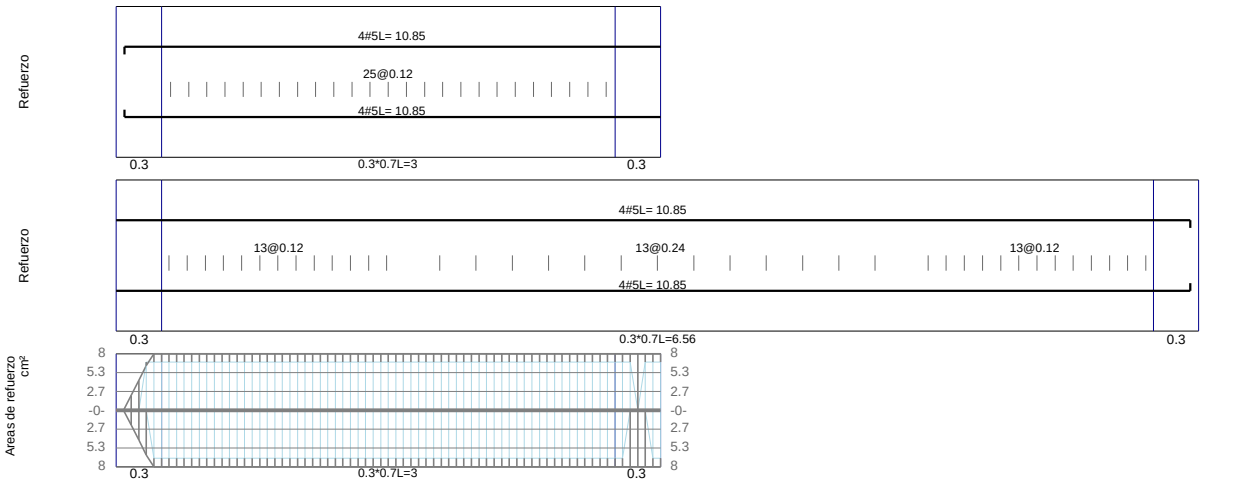
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Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



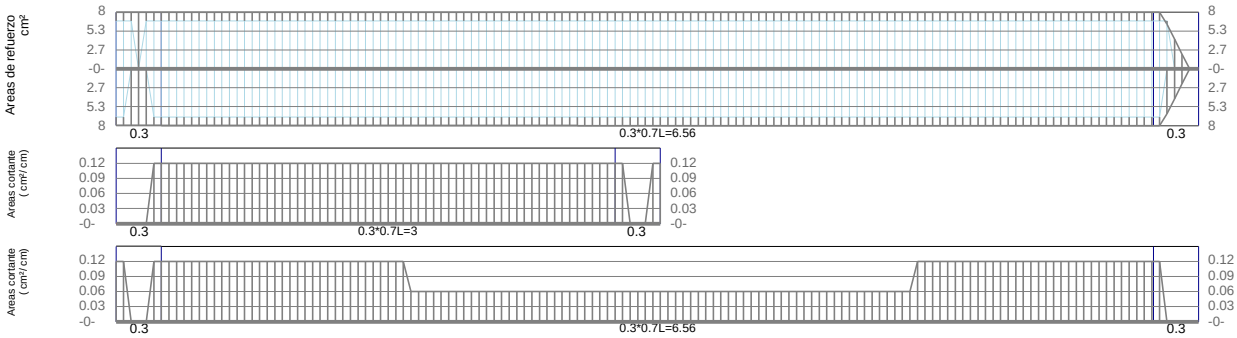
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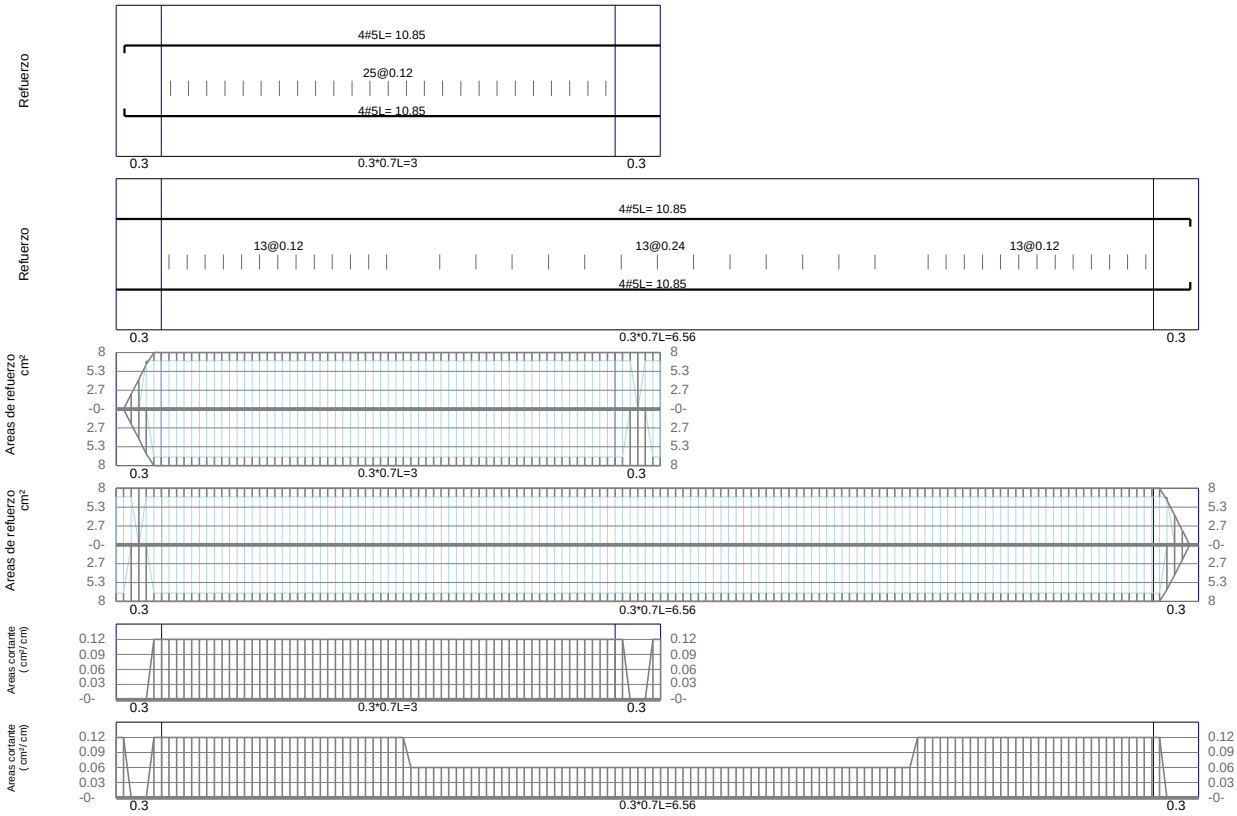
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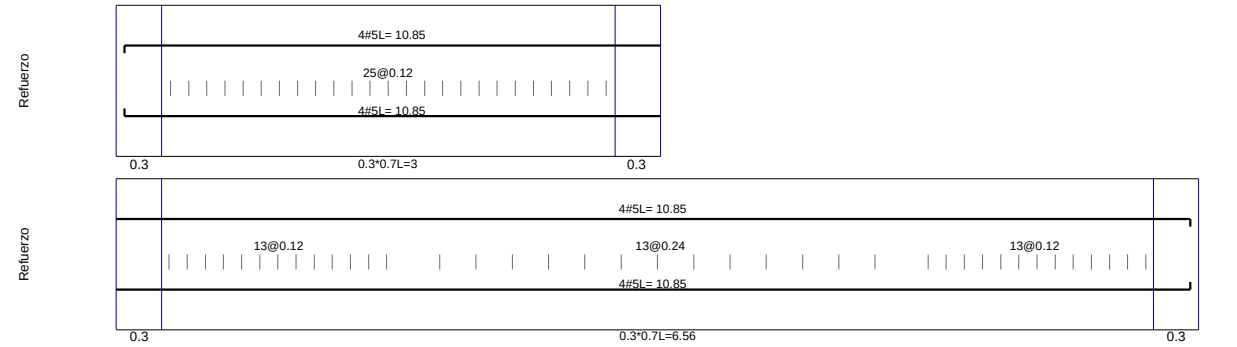
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



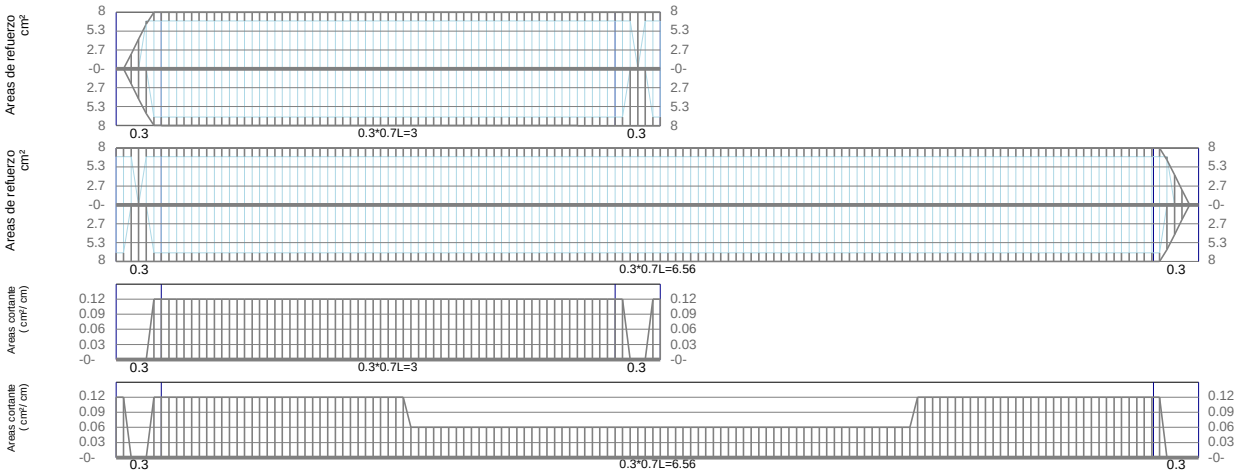
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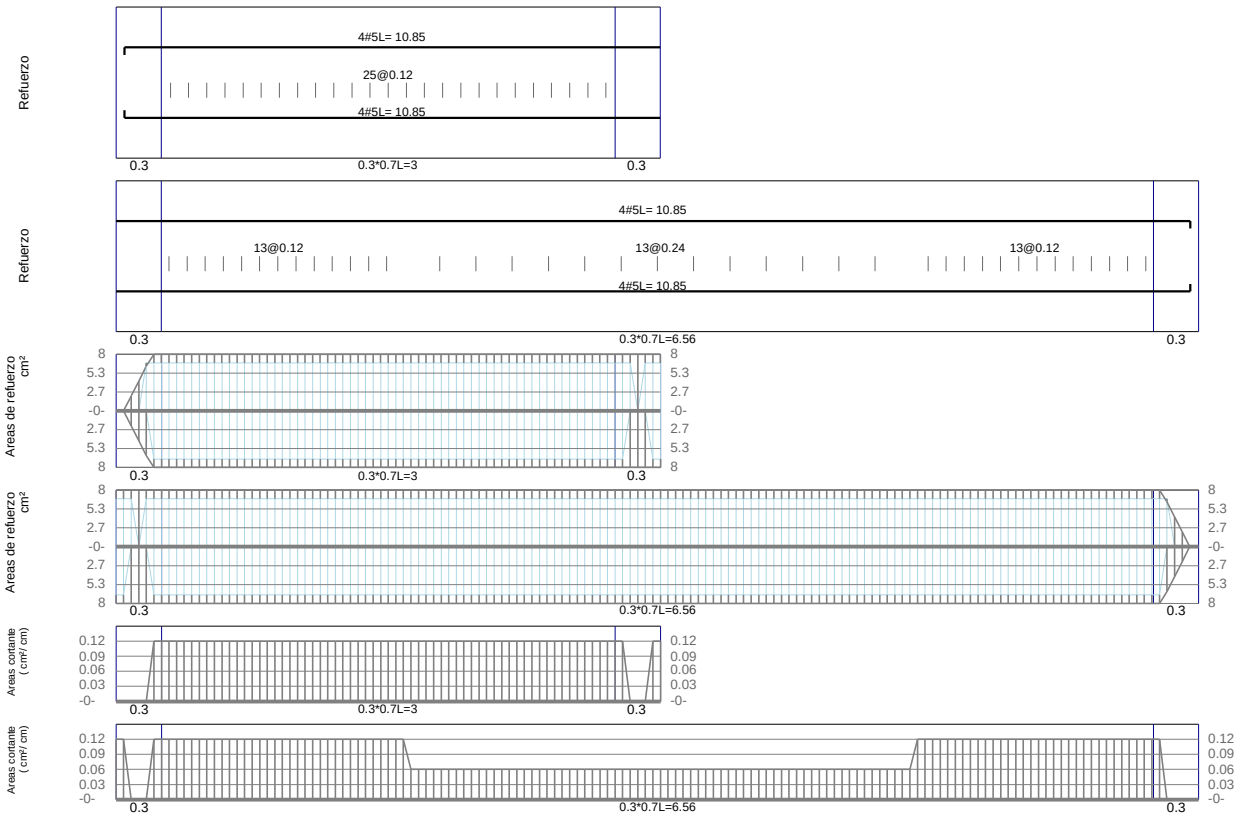
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

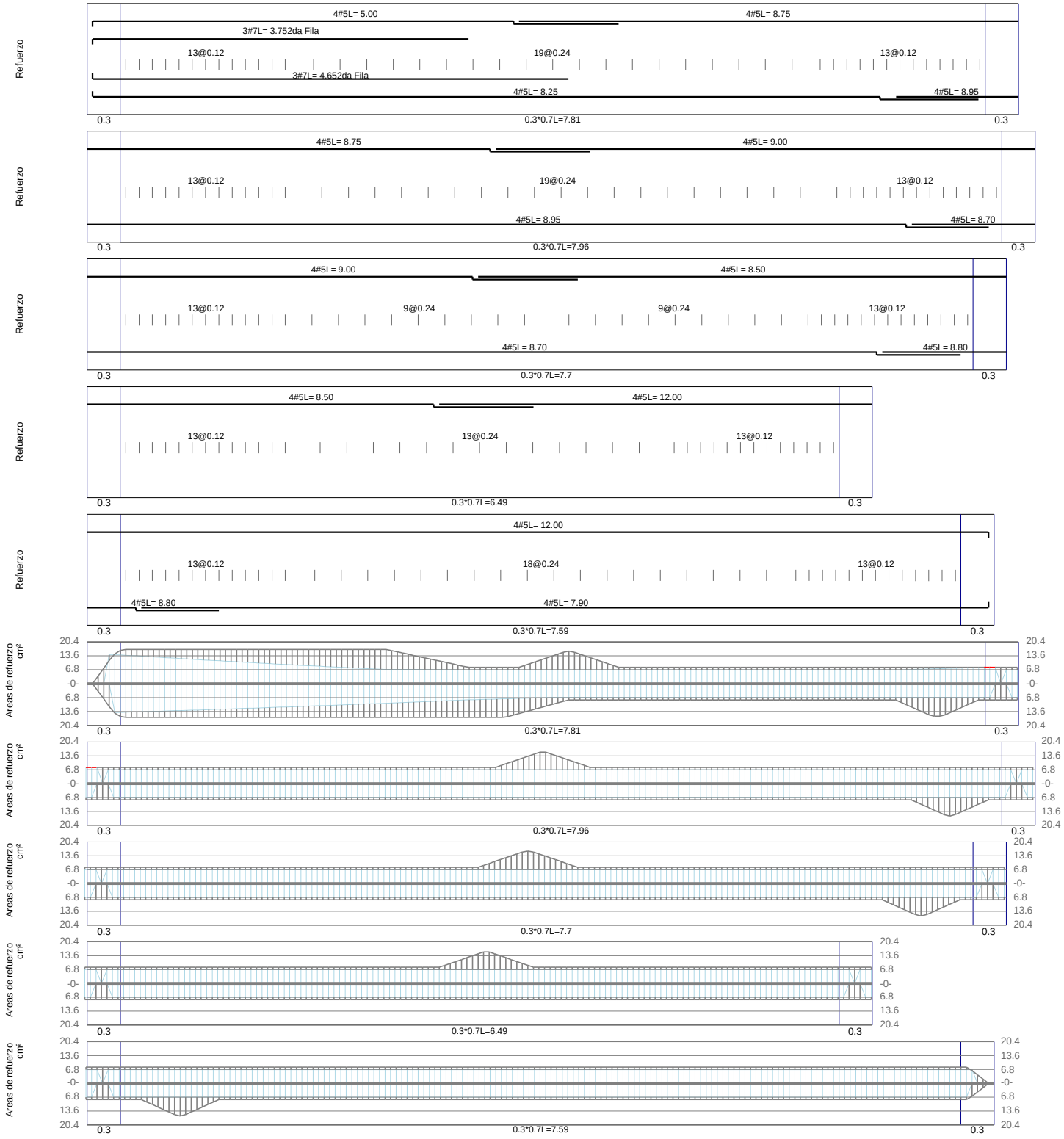


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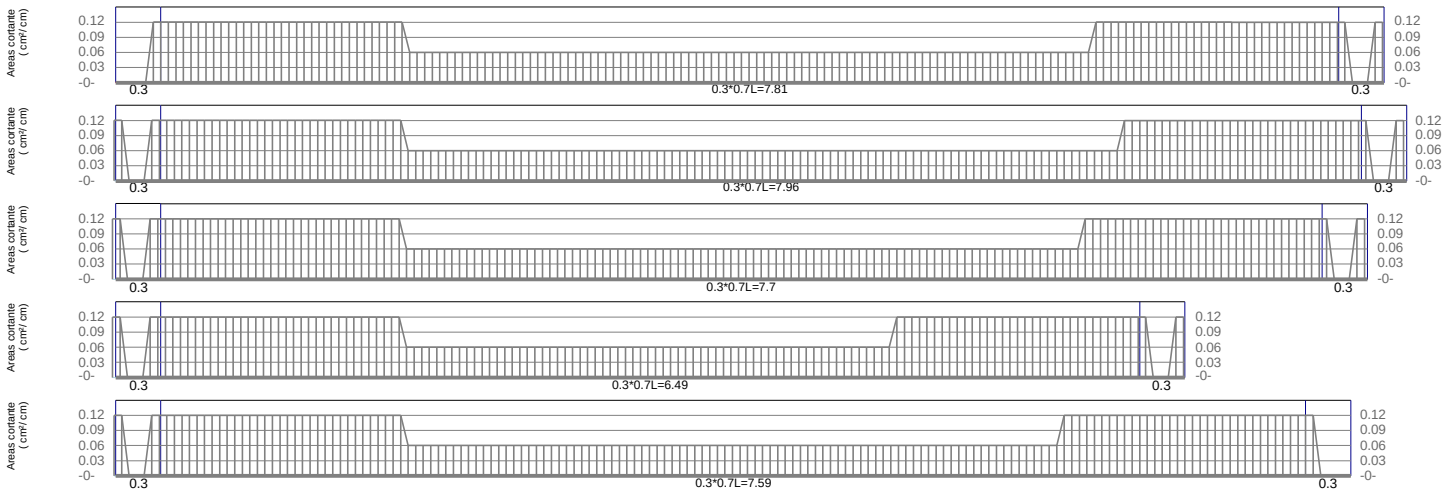


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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

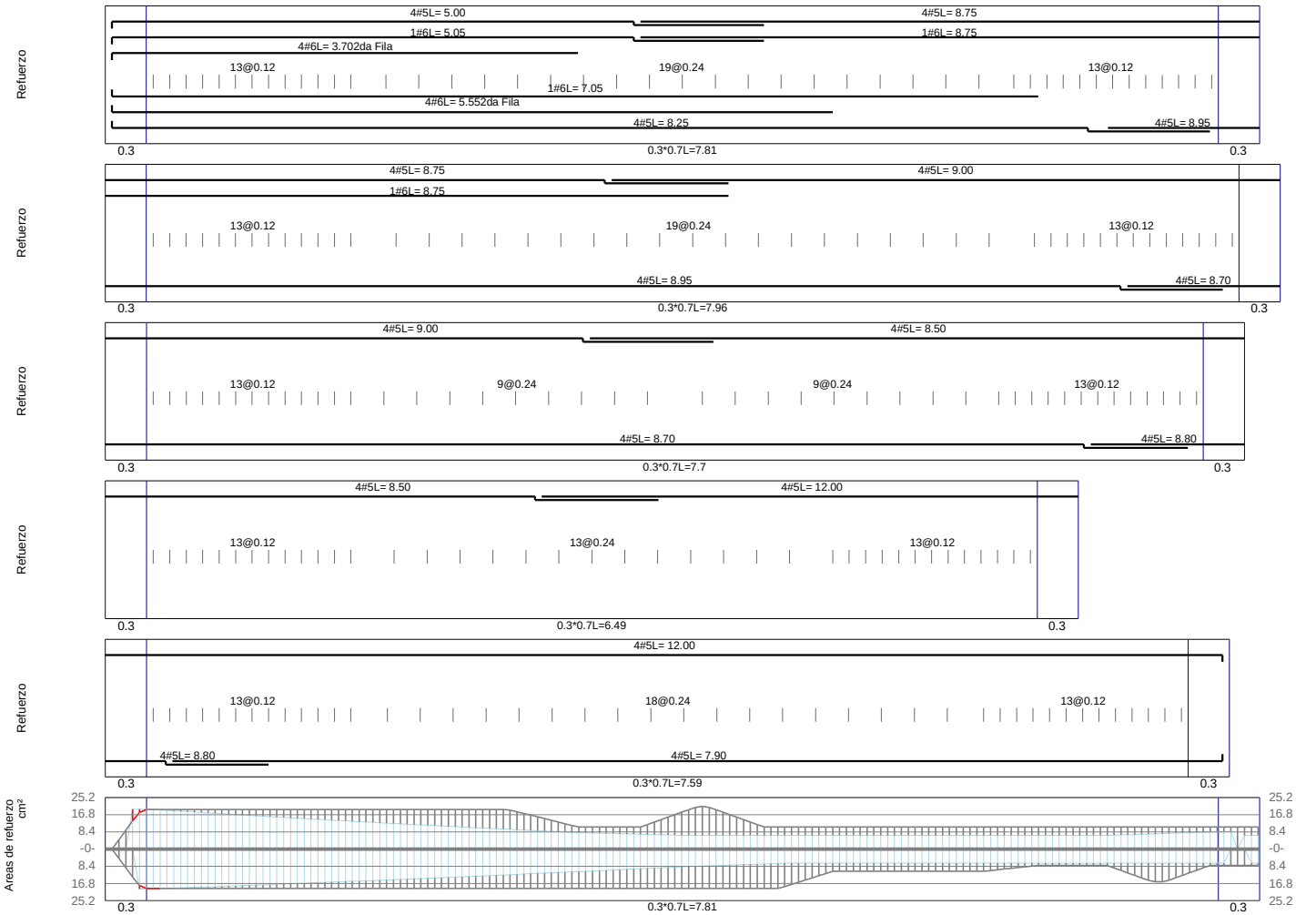
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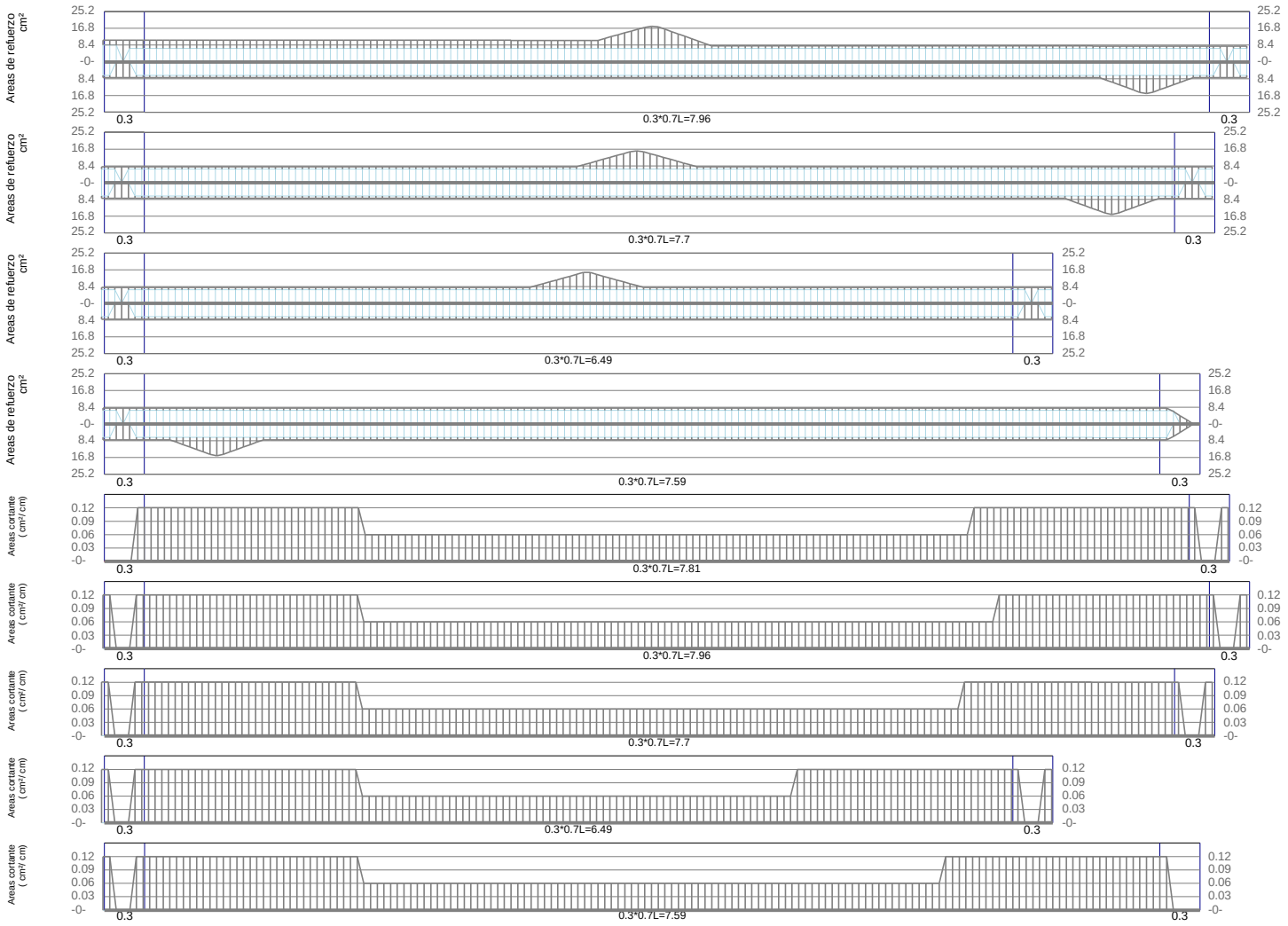
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



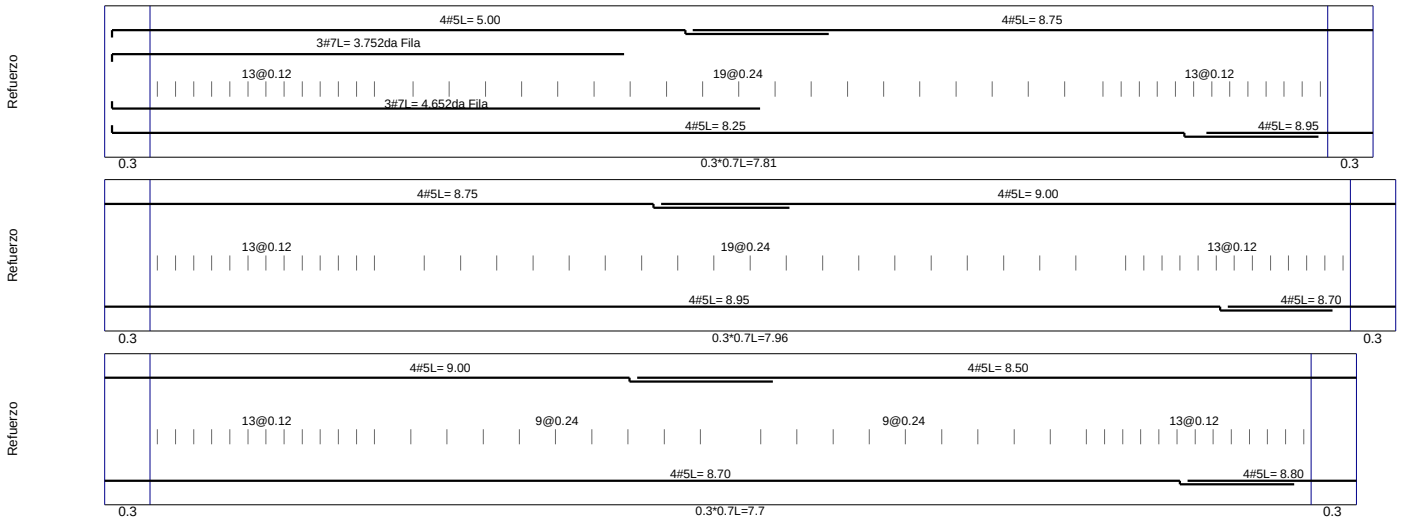
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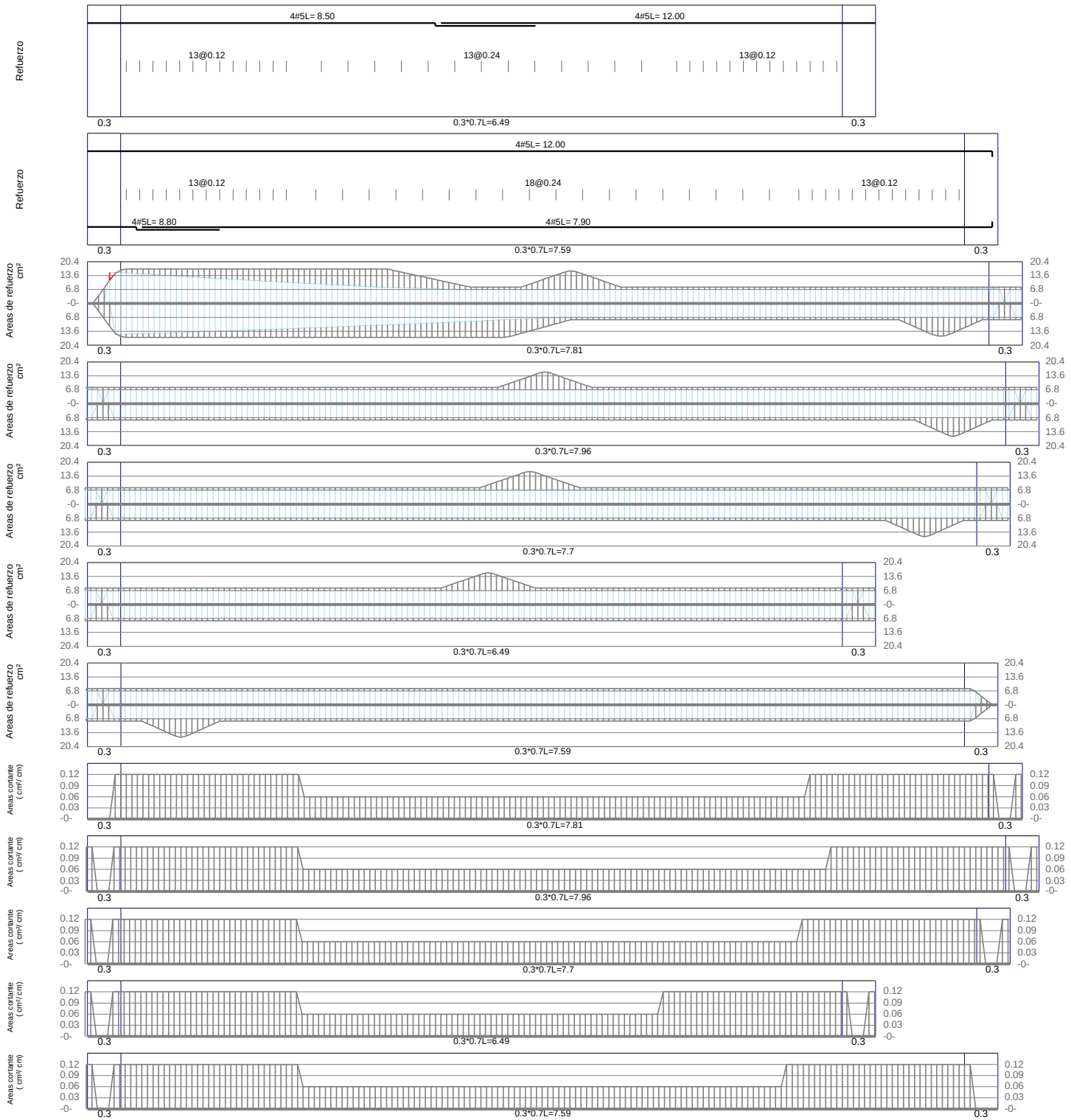
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Norma: NSR-10 DMO	Código Nimbus



VC-B-1 03 / NE+0.00



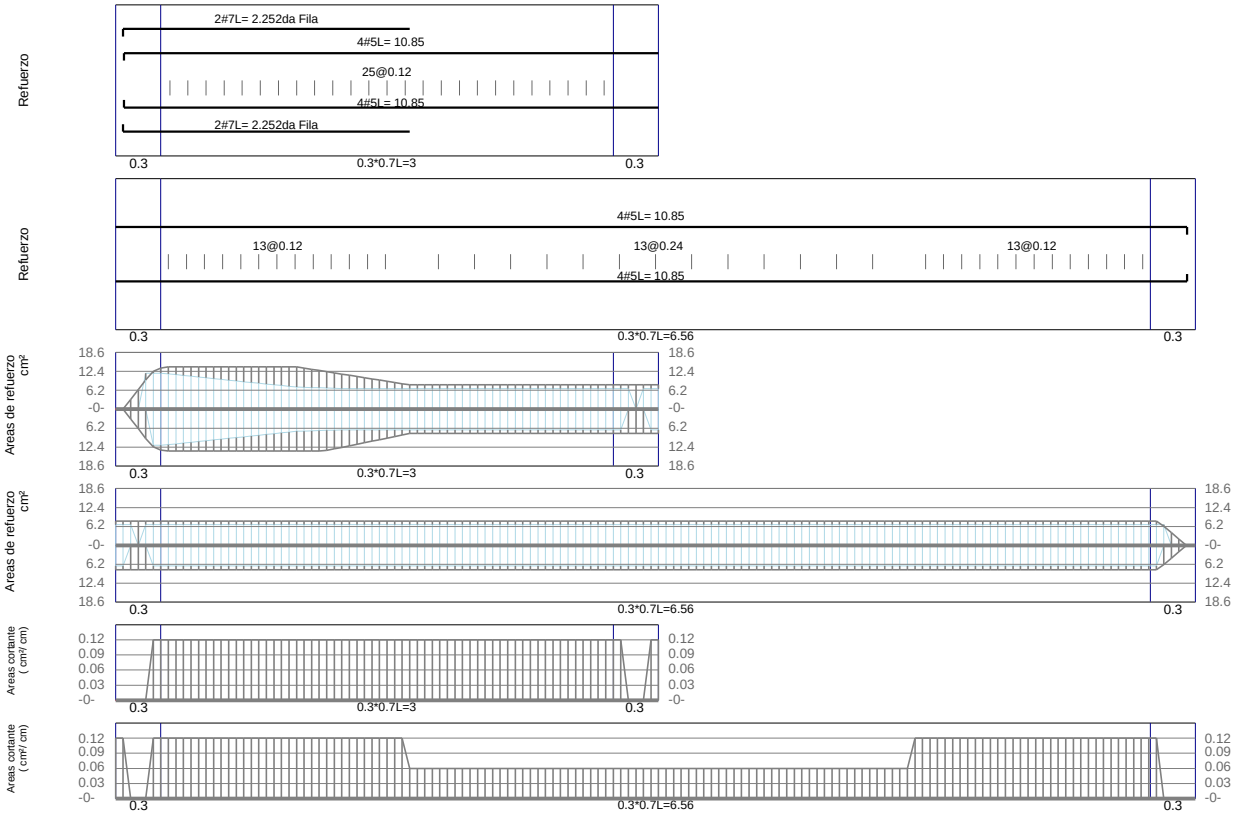
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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
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Norma: NSR-10 DMO	Código Nimbus



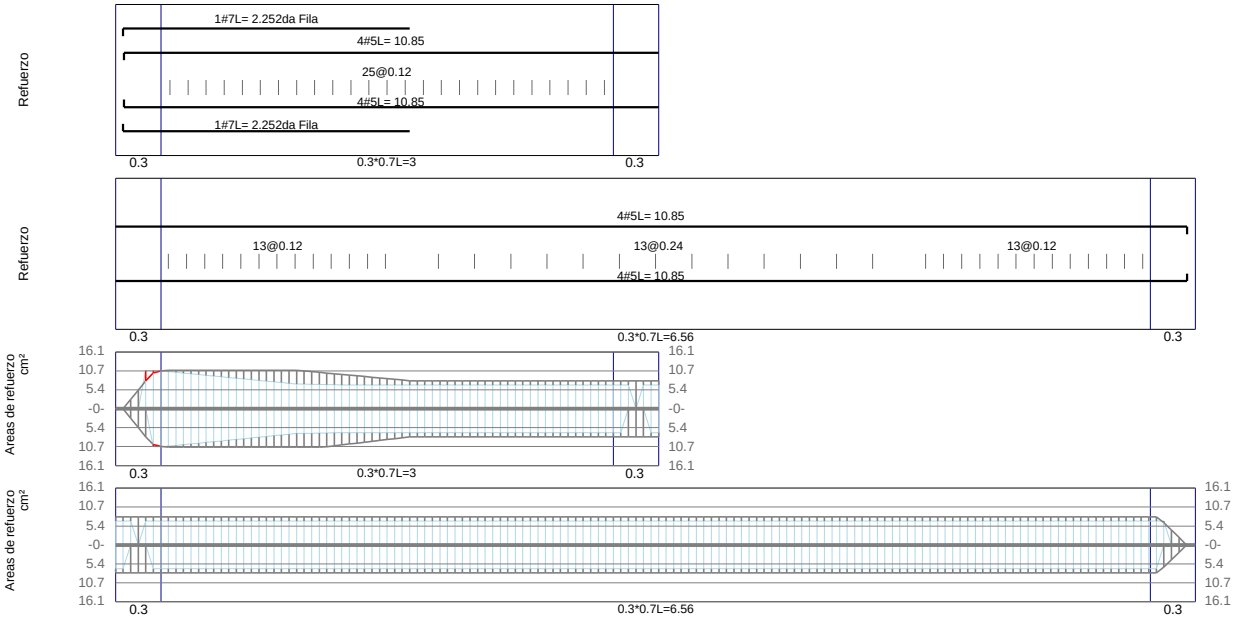
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Nombre Principal	PRO-054-VCIM-ESTRUC_B-VA
Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus

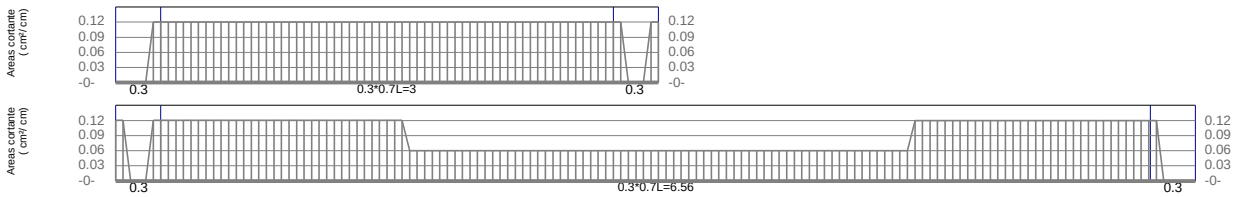
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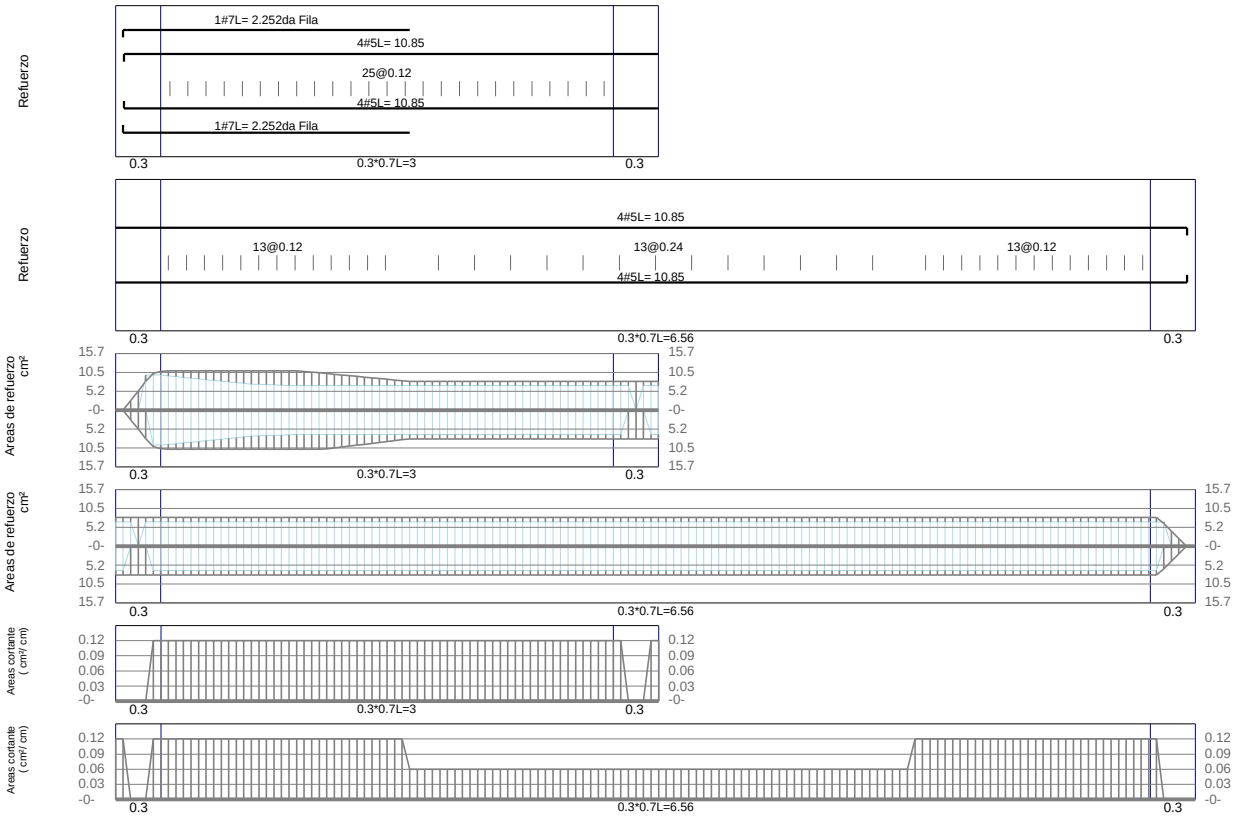
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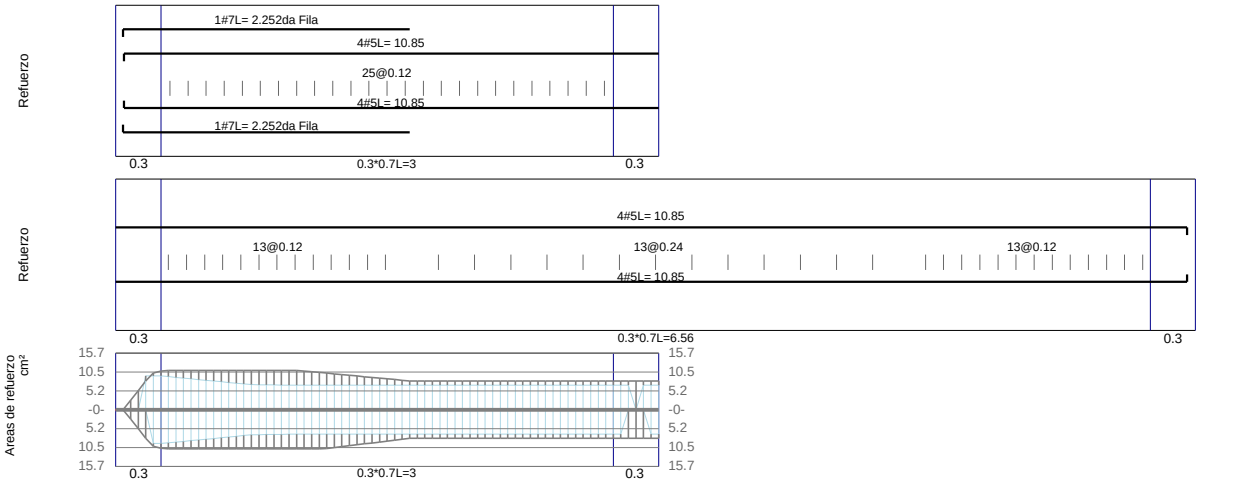
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Nombre Auxiliar	Dirección
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Norma: NSR-10 DMO	Código Nimbus



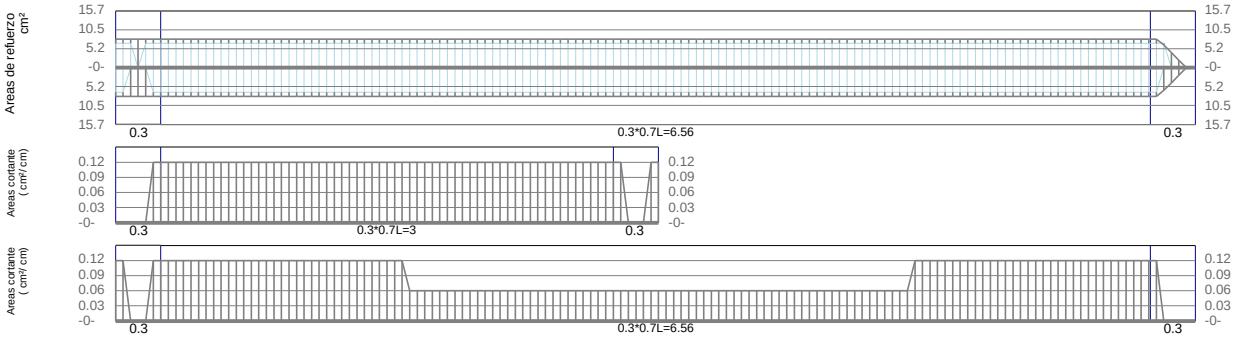
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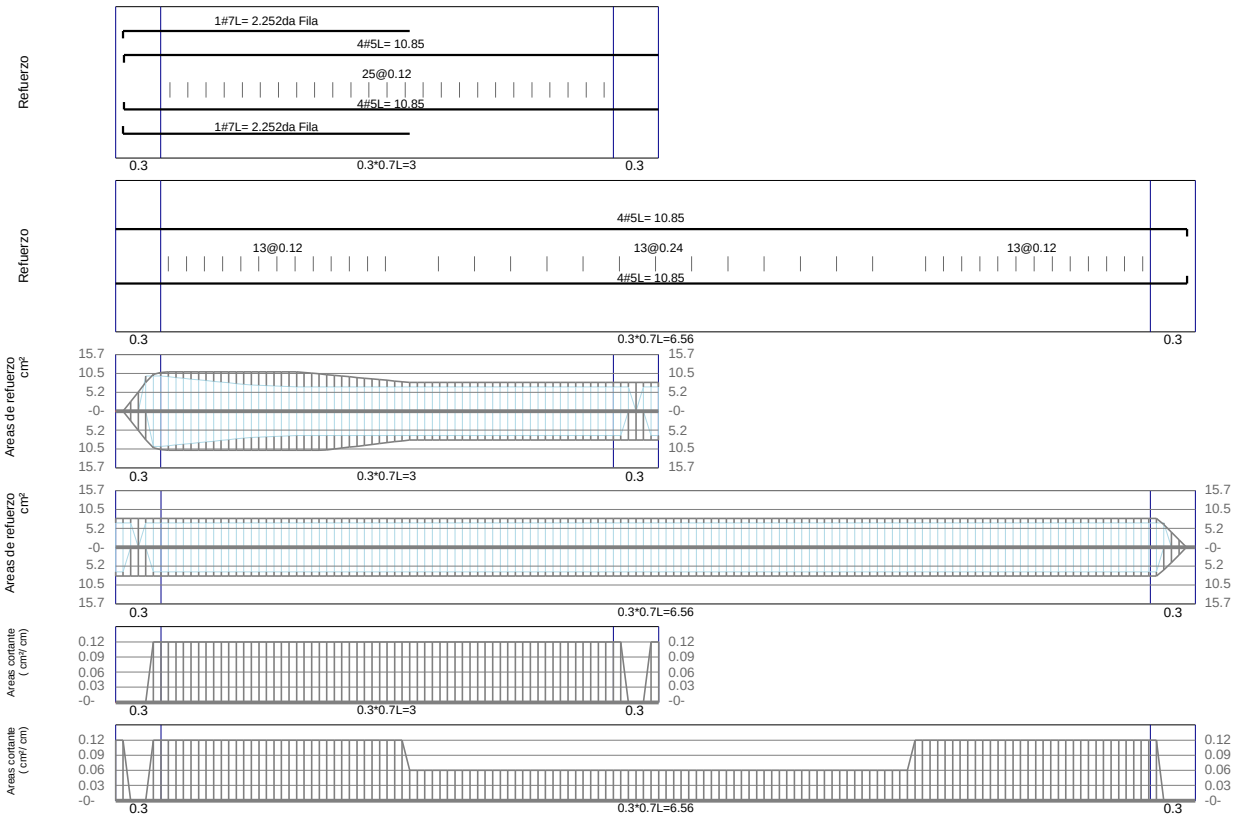
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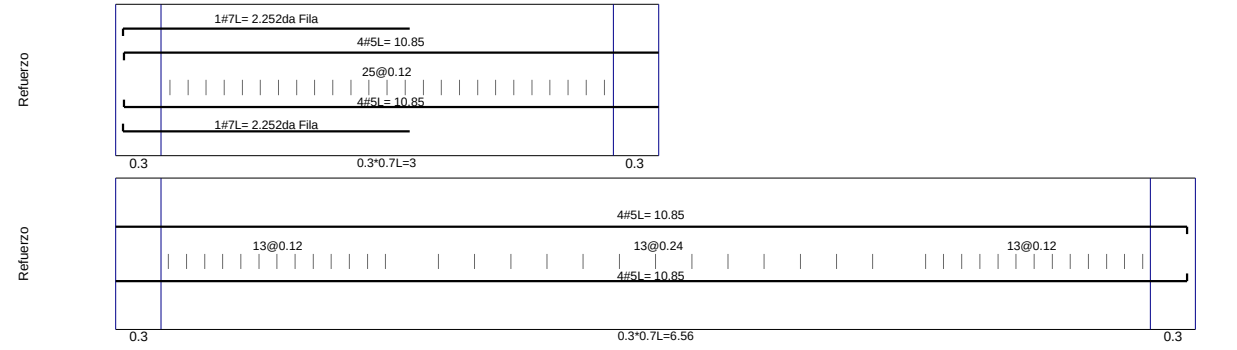
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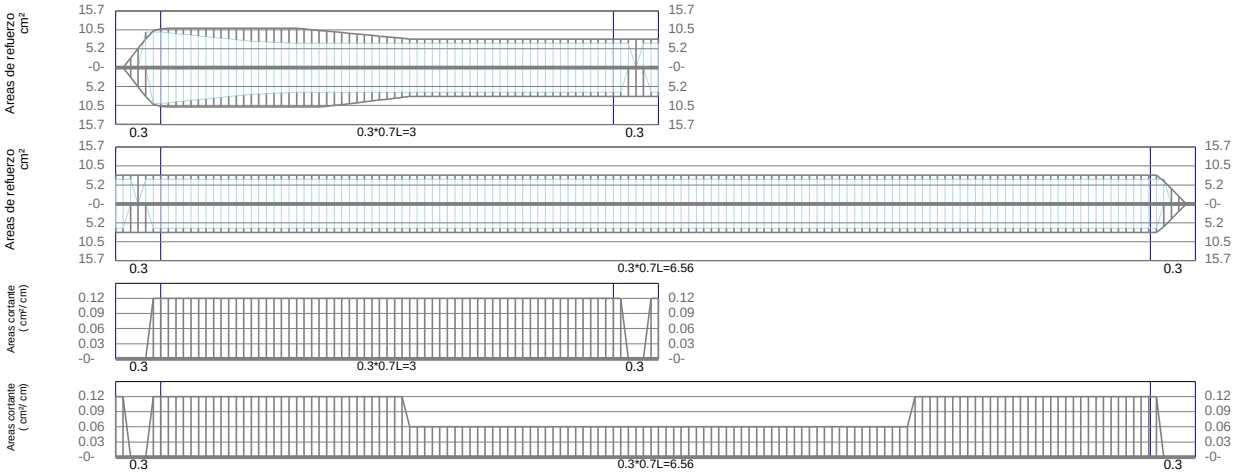
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VC-B-1 09 / NE+0.00



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Nombre Auxiliar	Dirección
Propietario	Diseño Arquitectónico
DC-CAD3 Licenciado a:	Contenido: Memorias de Vigas
Norma: NSR-10 DMO	Código Nimbus



UNIVERSIDAD NACIONAL DE COLOMBIA

DISEÑO ZAPATAS INTERNAS

Proyecto: PRO054-DISEÑO GRADERÍAS-ESTRUC_A
Realizó: DAP
Contiene: DISEÑO DE ZAPATAS INTERNAS
Fecha: MARZO DE 2020

	DATOS DE LA COLUMNA						CARGAS SOBRE ZAPATAS						
Id de la Zapata	Colum	No. ETABS	Eje X	Eje Y	Dimensión menor (mm)	Dim mayor (mm)	De Colum (KN)	Peso Propio cimiento (KN)	Carga Total (KN)	Area de cime(m²)	Lado, L (m)	L (m) Definitivo	σneta2 (KN/m²)
ZAPT-1-B	1-B	1	1	B	450	650	112.8912	11.28912	124.18	0.74	0.85	1.2	78.40
ZAPT-2-C	2-C	2	2	C	450	650	194.8768	19.48768	214.36	1.28	1.10	1.2	135.33
ZAPT-3-D	3-D	3	3	D	450	650	312.7507	31.27507	344.03	2.06	1.40	1.6	122.17
ZAPT-4-B	4-B	41	4	B	450	650	400.7491	40.07491	440.82	2.64	1.60	1.6	156.54
ZAPT-5-C	5-C	4	5	C	450	650	350.0148	35.00148	385.02	2.31	1.50	1.6	136.72
ZAPT-6-D	6-D	7	6	D	450	650	293.0231	29.30231	322.33	1.93	1.35	1.6	114.46
ZAPT-1-B	1-B	6	1	B	450	650	153.9225	15.39225	169.31	1.01	1.00	1.2	106.89
ZAPT-2-C	2-C	37	2	C	450	650	450.3329	45.03329	495.37	2.97	1.70	2	112.58
ZAPT-3-D	3-D	39	3	D	450	650	637.9992	63.79992	701.80	4.20	2.00	2.0	159.50
ZAPT-4-B	4-B	42	4	B	450	650	845.9866	84.59866	930.59	5.57	2.35	2.4	146.87
ZAPT-5-C	5-C	17	5	C	450	650	576.6109	57.66109	634.27	3.80	1.90	2.0	144.15
ZAPT-6-D	6-D	18	6	D	450	650	547.1011	54.71011	601.81	3.60	1.85	2.0	136.78
ZAPT-1-B	1-B	30	1	B	450	650	158.9651	15.89651	174.86	1.05	1.00	1.2	110.39
ZAPT-2-C	2-C	38	2	C	450	650	365.2031	36.52031	401.72	2.41	1.55	1.6	142.66
ZAPT-3-D	3-D	40	3	D	450	650	600.6407	60.06407	660.70	3.96	1.95	2.0	150.16
ZAPT-4-B	4-B	43	4	B	450	650	754.4279	75.44279	829.87	4.97	2.20	2.4	130.98
ZAPT-5-C	5-C	31	5	C	450	650	532.9491	53.29491	586.24	3.51	1.85	2	133.24
ZAPT-6-D	6-D	32	6	D	450	650	471.6702	47.16702	518.84	3.11	1.75	2	117.92

UNIVERSIDAD NACIONAL DE COLOMBIA

DISEÑO ZAPATAS INTERNAS

Proyecto: PRO054-DISEÑO GRADERÍAS-ESTRUC_A
Realizó: DAP
Contiene: DISEÑO DE ZAPATAS INTERNAS
Fecha: MARZO DE 2020

	FLEXIÓN											
Cumple σ?	M al borde de columna (KN*m)	Factor de mayoración (U)	Mu (KN*m)	Altura de la zapata (m)	Recubrimiento (m)	Altura efectiva d (m)	ρ calculado	ρ mínimo	ρ definitivo	As (mm²)	As min (mm²)	As definitivo (mm²)
CUMPLE	6.61	1.50	9.92	0.40	0.05	0.34	0.00019	0.00180	0.00180	735	864	864
CUMPLE	11.42	1.50	17.13	0.40	0.05	0.34	0.00033	0.00180	0.00180	735	864	864
CUMPLE	32.31	1.50	48.47	0.40	0.05	0.34	0.00070	0.00180	0.00180	980	1152	1152
CUMPLE	41.41	1.50	62.11	0.40	0.05	0.34	0.00090	0.00180	0.00180	980	1152	1152
CUMPLE	36.16	1.50	54.25	0.40	0.05	0.34	0.00078	0.00180	0.00180	980	1152	1152
CUMPLE	30.28	1.50	45.41	0.40	0.05	0.34	0.00065	0.00180	0.00180	980	1152	1152
CUMPLE	9.02	1.50	13.53	0.40	0.05	0.34	0.00026	0.00180	0.00180	735	864	864
CUMPLE	67.62	1.50	101.43	0.40	0.05	0.34	0.00118	0.00180	0.00180	1224	1440	1440
CUMPLE	95.80	1.50	143.70	0.40	0.05	0.34	0.00168	0.00180	0.00180	1224	1440	1440
CUMPLE	167.55	1.50	251.32	0.40	0.05	0.34	0.00247	0.00180	0.00247	2014	1728	2014
CUMPLE	86.58	1.50	129.87	0.40	0.05	0.34	0.00151	0.00180	0.00180	1224	1440	1440
CUMPLE	82.15	1.50	123.23	0.40	0.05	0.34	0.00143	0.00180	0.00180	1224	1440	1440
CUMPLE	9.31	1.50	13.97	0.40	0.05	0.34	0.00027	0.00180	0.00180	735	864	864
CUMPLE	37.73	1.50	56.60	0.40	0.05	0.34	0.00082	0.00180	0.00180	980	1152	1152
CUMPLE	90.19	1.50	135.28	0.40	0.05	0.34	0.00158	0.00180	0.00180	1224	1440	1440
CUMPLE	149.41	1.50	224.12	0.40	0.05	0.34	0.00219	0.00180	0.00219	1791	1728	1791
CUMPLE	80.03	1.50	120.04	0.40	0.05	0.34	0.00140	0.00180	0.00180	1224	1440	1440
CUMPLE	70.82	1.50	106.24	0.40	0.05	0.34	0.00123	0.00180	0.00180	1224	1440	1440

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				Altura de la zapata		ACCION EN DOS DIRECCIONES					
Varilla N°	N° de barras a colocar	Separación entre barras (m)	Refuerzo a colocar	Altura mayor (m)	Altura menor (m)	V(d/2) (KN)	Vu (KN)	d (m)	vu (KN/m²)	Φvc (KN/m²)	Verificación de cortante
4	7	0.15	7 # 4 c/0.15 en cada dirección	0.40	0.40	15.99	23.99	0.34	89.30	1145.6	CUMPLE
4	7	0.15	7 # 4 c/0.15 en cada dirección	0.40	0.40	27.60	41.41	0.34	154.16	1145.6	CUMPLE
4	9	0.15	9 # 4 c/0.15 en cada dirección	0.40	0.40	59.13	88.69	0.34	330.19	1145.6	CUMPLE
4	9	0.15	9 # 4 c/0.15 en cada dirección	0.40	0.40	75.76	113.64	0.34	423.10	1145.6	CUMPLE
4	9	0.15	9 # 4 c/0.15 en cada dirección	0.40	0.40	66.17	99.26	0.34	369.53	1145.6	CUMPLE
4	9	0.15	9 # 4 c/0.15 en cada dirección	0.40	0.40	55.40	83.10	0.34	309.36	1145.6	CUMPLE
4	7	0.15	7 # 4 c/0.15 en cada dirección	0.40	0.40	21.80	32.70	0.34	121.76	1145.6	CUMPLE
4	12	0.15	12 # 4 c/0.15 en cada dirección	0.40	0.40	95.02	142.53	0.34	530.63	1145.6	CUMPLE
4	12	0.15	12 # 4 c/0.15 en cada dirección	0.40	0.40	134.61	201.92	0.34	751.75	1145.6	CUMPLE
4	16	0.15	16 # 4 c/0.15 en cada dirección	0.40	0.40	188.58	282.87	0.34	1053.13	1145.6	CUMPLE
4	12	0.15	12 # 4 c/0.15 en cada dirección	0.40	0.40	121.66	182.49	0.34	679.42	1145.6	CUMPLE
4	12	0.15	12 # 4 c/0.15 en cada dirección	0.40	0.40	115.43	173.15	0.34	644.65	1145.6	CUMPLE
4	7	0.15	7 # 4 c/0.15 en cada dirección	0.40	0.40	22.52	33.78	0.34	125.75	1145.6	CUMPLE
4	9	0.15	9 # 4 c/0.15 en cada dirección	0.40	0.40	69.04	103.56	0.34	385.57	1145.6	CUMPLE
4	12	0.15	12 # 4 c/0.15 en cada dirección	0.40	0.40	126.73	190.10	0.34	707.73	1145.6	CUMPLE
4	14	0.15	14 # 4 c/0.15 en cada dirección	0.40	0.40	168.17	252.26	0.34	939.15	1145.6	CUMPLE
4	12	0.15	12 # 4 c/0.15 en cada dirección	0.40	0.40	112.45	168.67	0.34	627.97	1145.6	CUMPLE
4	12	0.15	12 # 4 c/0.15 en cada dirección	0.40	0.40	99.52	149.28	0.34	555.77	1145.6	CUMPLE

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ACCION COMO VIGA						PRESIÓN DE CONTACTO		SUPERFICIE DE FALLA				
V(d) (KN)	Vu (KN)	d (m)	vu (KN/m²)	Φvc (KN/m²)	Verificación de cortante	Se debe chequear	Ppunz (KN)	LP (m)	Lvol (m) = L1-b	H´ (m) = H a d/2	Sup Falla (m²)	vup (KN/m²)
3.29	4.94	0.34	12.11	572.8	CUMPLE	SE DEBE CHEQUEAR	50.7932003	0.89	0.375	0.34	1.2104	62.9459687
5.68	8.53	0.34	20.90	572.8	CUMPLE	SE DEBE CHEQUEAR	87.6810269	0.89	0.375	0.34	1.2104	108.659567
45.94	68.90	0.34	126.66	572.8	CUMPLE	SE DEBE CHEQUEAR	215.981235	0.89	0.575	0.34	1.2104	267.656851
58.86	88.29	0.34	162.30	572.8	CUMPLE	SE DEBE CHEQUEAR	276.751693	0.89	0.575	0.34	1.2104	342.967233
51.41	77.11	0.34	141.75	572.8	CUMPLE	SE DEBE CHEQUEAR	241.715299	0.89	0.575	0.34	1.2104	299.54804
43.04	64.56	0.34	118.67	572.8	CUMPLE	SE DEBE CHEQUEAR	202.357632	0.89	0.575	0.34	1.2104	250.773668
4.49	6.73	0.34	16.51	572.8	CUMPLE	SE DEBE CHEQUEAR	69.2544359	0.89	0.375	0.34	1.2104	85.8242349
97.95	146.92	0.34	216.06	572.8	CUMPLE	SE DEBE CHEQUEAR	361.155727	0.89	0.775	0.34	1.2104	447.565756
138.76	208.15	0.34	306.10	572.8	CUMPLE	SE DEBE CHEQUEAR	511.659408	0.89	0.775	0.34	1.2104	634.07891
223.83	335.75	0.34	411.46	572.8	CUMPLE	SE DEBE CHEQUEAR	729.648755	0.89	0.975	0.34	1.2104	904.224333
125.41	188.12	0.34	276.65	572.8	CUMPLE	SE DEBE CHEQUEAR	462.427527	0.89	0.775	0.34	1.2104	573.06782
118.99	178.49	0.34	262.49	572.8	CUMPLE	SE DEBE CHEQUEAR	438.761405	0.89	0.775	0.34	1.2104	543.739348
4.64	6.95	0.34	17.05	572.8	CUMPLE	SE DEBE CHEQUEAR	71.5232558	0.89	0.375	0.34	1.2104	88.635892
53.64	80.46	0.34	147.90	572.8	CUMPLE	SE DEBE CHEQUEAR	252.204125	0.89	0.575	0.34	1.2104	312.546421
130.64	195.96	0.34	288.18	572.8	CUMPLE	SE DEBE CHEQUEAR	481.698825	0.89	0.775	0.34	1.2104	596.949965
199.61	299.41	0.34	366.93	572.8	CUMPLE	SE DEBE CHEQUEAR	650.680966	0.89	0.975	0.34	1.2104	806.362731
115.92	173.87	0.34	255.70	572.8	CUMPLE	SE DEBE CHEQUEAR	427.411854	0.89	0.775	0.34	1.2104	529.674307
102.59	153.88	0.34	226.30	572.8	CUMPLE	SE DEBE CHEQUEAR	378.267709	0.89	0.775	0.34	1.2104	468.771946

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Φvpc (KN/m²)	**Falla por punzonamiento**	**Longitud pedestal (m)**	**Ppunz (KN)**	**LP (m)**	**H´ (m) = H a d/2**	**Sup Falla (m²)**	**vup (KN/m²)**	**Falla por punzonamiento**
1298.39645	NO	0.00	50.7932003	0.89	0.34	1.2104	62.9459687	NO
1298.39645	NO	0.00	87.6810269	0.89	0.34	1.2104	108.659567	NO
1298.39645	NO	0.00	215.981235	0.89	0.34	1.2104	267.656851	NO
1298.39645	NO	0.00	276.751693	0.89	0.34	1.2104	342.967233	NO
1298.39645	NO	0.00	241.715299	0.89	0.34	1.2104	299.54804	NO
1298.39645	NO	0.00	202.357632	0.89	0.34	1.2104	250.773668	NO
1298.39645	NO	0.00	69.2544359	0.89	0.34	1.2104	85.8242349	NO
1298.39645	NO	0.00	361.155727	0.89	0.34	1.2104	447.565756	NO
1298.39645	NO	0.00	511.659408	0.89	0.34	1.2104	634.07891	NO
1298.39645	NO	0.00	729.648755	0.89	0.34	1.2104	904.224333	NO
1298.39645	NO	0.00	462.427527	0.89	0.34	1.2104	573.06782	NO
1298.39645	NO	0.00	438.761405	0.89	0.34	1.2104	543.739348	NO
1298.39645	NO	0.00	71.5232558	0.89	0.34	1.2104	88.635892	NO
1298.39645	NO	0.00	252.204125	0.89	0.34	1.2104	312.546421	NO
1298.39645	NO	0.00	481.698825	0.89	0.34	1.2104	596.949965	NO
1298.39645	NO	0.00	650.680966	0.89	0.34	1.2104	806.362731	NO
1298.39645	NO	0.00	427.411854	0.89	0.34	1.2104	529.674307	NO
1298.39645	NO	0.00	378.267709	0.89	0.34	1.2104	468.771946	NO

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DISEÑO ZAPATAS DE LINDERO

Proyecto: PRO054-DISEÑO GRADERÍAS-ESTRUC_A
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Contiene: DISEÑO DE ZAPATAS DE LINDERO
Fecha: MARZO DE 2020

	DATOS DE LA COLUMNA							CARGAS SOBRE ZAPATAS				
Identificación de la Zapata	Columna	Número ETABS	Eje X	Eje Y	b1 (mm)	b2 (mm)	Separacion entre columnas, ℓ (m)	De Columna (KN)	Peso Propio cimiento (KN)	Carga Total (KN)	L1 (m) Definitivo	L2 (m) Definitivo
ZTL-1	1 - B	8	1	B	450	650	3.3	163.63	6.545384	170.17998	1.5	1.00
ZTL-1	2 - C	19	2	C	450	650	3.3	352.04	14.081548	366.12025	2.3	1.60
ZTL-1	3 - D	33	3	D	450	650	3.3	291.17	11.646904	302.8195	2.2	1.40

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ZAPATAS DE

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							FLEXIÓN (Al borde de la c						
σadmisible (KN/m²)	σactuante (KN/m²)	e (m)	Lc (m)	ΔR = Pc (KN)	σneta1 (KN/m²)	Cumple σ?	M al borde de columna (KN*m)	Factor de mayoración (U)	Mu (KN*m)	Altura de la zapata	Recubrimiento (m)	Altura efectiva d (m)	ρ calculado
167.00	113.45	0.525	2.78	32.20	134.92	CUMPLE	4.22	1.50	6.32	0.40	0.050	0.34	0.00010
167.00	99.49	0.925	2.38	142.59	138.24	CUMPLE	14.00	1.50	20.99	0.40	0.050	0.34	0.00021
167.00	98.32	0.875	2.43	109.26	133.79	CUMPLE	10.70	1.50	16.06	0.40	0.050	0.34	0.00017

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DISEÑO ZAPATAS DE LINDERO

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													Ch
columna). Diseño por metro de ancho										**Altura de la zapata**			
ρ mínimo	**ρ definitivo**	**As (mm²)**	**As min (mm²)**	**As definitivo (mm²)**	**Varilla N°**	**N° de barras por metro**	**Separación entre barras (m)**	**Refuerzo a colocar en la dirección principal**	**Armadura de repartición**	**Altura mayor (m)**	**Altura menor (m)**	**V(borde viga) (KN)**	**Vu (KN)**
0.00180	0.00180	612	720	720	4	6	0.165	# 4 c/0.165	# 3 c/.25	0.40	0.40	50.59	75.89
0.00180	0.00180	612	720	720	4	6	0.165	# 4 c/0.165	# 3 c/.25	0.40	0.40	143.08	214.61
0.00180	0.00180	612	720	720	4	6	0.165	# 4 c/0.165	# 3 c/.25	0.40	0.40	117.74	176.61

HEQUEO A CORTANTE			
ACCION COMO VIGA			
d (m)	vu (KN/m²)	Φvc (KN/m²)	Verificación de cortante
0.34	148.81	584.3	CUMPLE
0.34	274.44	584.3	CUMPLE
0.34	236.11	584.3	CUMPLE

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DISEÑO ZAPATAS INTERNAS

Proyecto: PRO054-DISEÑO GRADERÍAS-ESTRUC_B
Realizó: DAP
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Fecha: MARZO DE 2020

	DATOS DE LA COLUMNA						CARGAS SOBRE ZAPATAS						
Id de la Zapata	Colum	No. ETABS	Eje X	Eje Y	Dimensión menor (mm)	Dim mayor (mm)	De Colum (KN)	Peso Propio cimiento (KN)	Carga Total (KN)	Area de cime(m²)	Lado, L (m)	L (m) Definitivo	σneta2 (KN/m²)
ZAPT-9-B	9-B	10	9	B	450	650	427.3686	42.73686	470.11	2.82	1.65	2	106.84
ZAPT-10-C	10-C	11	10	C	450	650	396.8369	39.68369	436.52	2.61	1.60	1.6	155.01
ZAPT-11-D	11-D	46	11	D	450	650	359.2865	35.92865	395.22	2.37	1.50	1.6	140.35
ZAPT-13-B	13-B	47	13	B	450	650	365.0257	36.50257	401.53	2.40	1.55	1.6	142.59
ZAPT-14-C	14-C	58	14	C	450	650	193.4827	19.34827	212.83	1.27	1.10	1.2	134.36
ZAPT-9-D	9-D	21	9	D	450	650	571.8914	57.18914	629.08	3.77	1.90	2.0	142.97
ZAPT-10-B	10-B	22	10	B	450	650	584.6553	58.46553	643.12	3.85	1.95	2.0	146.16
ZAPT-11-C	11-C	45	11	C	450	650	549.8201	54.98201	604.80	3.62	1.90	2.0	137.46
ZAPT-13-D	13-D	48	13	D	450	650	566.4911	56.64911	623.14	3.73	1.90	2.0	141.62
ZAPT-14-B	14-B	57	14	B	450	650	400.6947	40.06947	440.76	2.64	1.60	1.6	156.52
ZAPT-9-C	9-C	35	9	C	450	650	614.1087	61.41087	675.52	4.05	2.00	2.0	153.53
ZAPT-10-D	10-D	36	10	D	450	650	572.3867	57.23867	629.63	3.77	1.90	2.0	143.10
ZAPT-11-B	11-B	44	11	B	450	650	515.4279	51.54279	566.97	3.40	1.80	2	128.86
ZAPT-13-C	13-C	49	13	C	450	650	570.644	57.0644	627.71	3.76	1.90	2.0	142.66
ZAPT-14-D	14-D	52	14	D	450	650	336.8071	33.68071	370.49	2.22	1.45	1.6	131.57

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	FLEXIÓN											
Cumple σ?	M al borde de columna (KN*m)	Factor de mayoración (U)	Mu (KN*m)	Altura de la zapata (m)	Recubrimiento (m)	Altura efectiva d (m)	ρ calculado	ρ mínimo	ρ definitivo	As (mm²)	As min (mm²)	As definitivo (mm²)
CUMPLE	64.17	1.50	96.26	0.40	0.05	0.34	0.00112	0.00180	0.00180	1224	1440	1440
CUMPLE	41.00	1.50	61.50	0.40	0.05	0.34	0.00089	0.00180	0.00180	980	1152	1152
CUMPLE	37.12	1.50	55.68	0.40	0.05	0.34	0.00080	0.00180	0.00180	980	1152	1152
CUMPLE	37.71	1.50	56.57	0.40	0.05	0.34	0.00082	0.00180	0.00180	980	1152	1152
CUMPLE	11.34	1.50	17.01	0.40	0.05	0.34	0.00033	0.00180	0.00180	735	864	864
CUMPLE	85.87	1.50	128.81	0.40	0.05	0.34	0.00150	0.00180	0.00180	1224	1440	1440
CUMPLE	87.79	1.50	131.68	0.40	0.05	0.34	0.00153	0.00180	0.00180	1224	1440	1440
CUMPLE	82.56	1.50	123.84	0.40	0.05	0.34	0.00144	0.00180	0.00180	1224	1440	1440
CUMPLE	85.06	1.50	127.59	0.40	0.05	0.34	0.00149	0.00180	0.00180	1224	1440	1440
CUMPLE	41.40	1.50	62.10	0.40	0.05	0.34	0.00090	0.00180	0.00180	980	1152	1152
CUMPLE	92.21	1.50	138.32	0.40	0.05	0.34	0.00161	0.00180	0.00180	1224	1440	1440
CUMPLE	85.95	1.50	128.92	0.40	0.05	0.34	0.00150	0.00180	0.00180	1224	1440	1440
CUMPLE	77.39	1.50	116.09	0.40	0.05	0.34	0.00135	0.00180	0.00180	1224	1440	1440
CUMPLE	85.69	1.50	128.53	0.40	0.05	0.34	0.00150	0.00180	0.00180	1224	1440	1440
CUMPLE	34.80	1.50	52.20	0.40	0.05	0.34	0.00075	0.00180	0.00180	980	1152	1152

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				Altura de la zapata		ACCION EN DOS DIRECCIONES					
Varilla N°	N° de barras a colocar	Separación entre barras (m)	Refuerzo a colocar	Altura mayor (m)	Altura menor (m)	V(d/2) (KN)	Vu (KN)	d (m)	vu (KN/m²)	Φvc (KN/m²)	Verificación de cortante
4	12	0.15	12 # 4 c/0.15 en cada dirección	0.40	0.40	90.17	135.26	0.34	503.57	1145.6	CUMPLE
4	9	0.15	9 # 4 c/0.15 en cada dirección	0.40	0.40	75.02	112.53	0.34	418.97	1145.6	CUMPLE
4	9	0.15	9 # 4 c/0.15 en cada dirección	0.40	0.40	67.92	101.89	0.34	379.32	1145.6	CUMPLE
4	9	0.15	9 # 4 c/0.15 en cada dirección	0.40	0.40	69.01	103.51	0.34	385.38	1145.6	CUMPLE
4	7	0.15	7 # 4 c/0.15 en cada dirección	0.40	0.40	27.41	41.11	0.34	153.05	1145.6	CUMPLE
4	12	0.15	12 # 4 c/0.15 en cada dirección	0.40	0.40	120.67	181.00	0.34	673.86	1145.6	CUMPLE
4	12	0.15	12 # 4 c/0.15 en cada dirección	0.40	0.40	123.36	185.04	0.34	688.90	1145.6	CUMPLE
4	12	0.15	12 # 4 c/0.15 en cada dirección	0.40	0.40	116.01	174.01	0.34	647.85	1145.6	CUMPLE
4	12	0.15	12 # 4 c/0.15 en cada dirección	0.40	0.40	119.53	179.29	0.34	667.49	1145.6	CUMPLE
4	9	0.15	9 # 4 c/0.15 en cada dirección	0.40	0.40	75.75	113.63	0.34	423.04	1145.6	CUMPLE
4	12	0.15	12 # 4 c/0.15 en cada dirección	0.40	0.40	129.57	194.36	0.34	723.60	1145.6	CUMPLE
4	12	0.15	12 # 4 c/0.15 en cada dirección	0.40	0.40	120.77	181.16	0.34	674.44	1145.6	CUMPLE
4	12	0.15	12 # 4 c/0.15 en cada dirección	0.40	0.40	108.75	163.13	0.34	607.33	1145.6	CUMPLE
4	12	0.15	12 # 4 c/0.15 en cada dirección	0.40	0.40	120.40	180.60	0.34	672.39	1145.6	CUMPLE
4	9	0.15	9 # 4 c/0.15 en cada dirección	0.40	0.40	63.67	95.51	0.34	355.59	1145.6	CUMPLE

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DISEÑO ZAPATAS INTERNAS

Proyecto: PRO054-DISEÑO GRADERÍAS-ESTRUC_B
Realizó: DAP
Contiene: DISEÑO DE ZAPATAS INTERNAS
Fecha: MARZO DE 2020

ACCION COMO VIGA						PRESIÓN DE CONTACTO		SUPERFICIE DE FALLA				
V(d) (KN)	Vu (KN)	d (m)	vu (KN/m²)	Φvc (KN/m²)	Verificación de cortante	Se debe chequear	Ppunz (KN)	LP (m)	Lvol (m) = L1-b	H´ (m) = H a d/2	Sup Falla (m²)	vup (KN/m²)
92.95	139.43	0.34	205.04	572.8	CUMPLE	SE DEBE CHEQUEAR	342.738933	0.89	0.775	0.34	1.2104	424.742564
58.29	87.43	0.34	160.71	572.8	CUMPLE	SE DEBE CHEQUEAR	274.049983	0.89	0.575	0.34	1.2104	339.619113
52.77	79.16	0.34	145.51	572.8	CUMPLE	SE DEBE CHEQUEAR	248.118204	0.89	0.575	0.34	1.2104	307.482904
53.61	80.42	0.34	147.83	572.8	CUMPLE	SE DEBE CHEQUEAR	252.081615	0.89	0.575	0.34	1.2104	312.394599
5.64	8.46	0.34	20.75	572.8	CUMPLE	SE DEBE CHEQUEAR	87.0537787	0.89	0.375	0.34	1.2104	107.882244
124.39	186.58	0.34	274.38	572.8	CUMPLE	SE DEBE CHEQUEAR	458.642606	0.89	0.775	0.34	1.2104	568.37732
127.16	190.74	0.34	280.51	572.8	CUMPLE	SE DEBE CHEQUEAR	468.878934	0.89	0.775	0.34	1.2104	581.06279
119.59	179.38	0.34	263.79	572.8	CUMPLE	SE DEBE CHEQUEAR	440.941975	0.89	0.775	0.34	1.2104	546.441641
123.21	184.82	0.34	271.79	572.8	CUMPLE	SE DEBE CHEQUEAR	454.3117	0.89	0.775	0.34	1.2104	563.010203
58.85	88.28	0.34	162.28	572.8	CUMPLE	SE DEBE CHEQUEAR	276.714125	0.89	0.575	0.34	1.2104	342.920677
133.57	200.35	0.34	294.64	572.8	CUMPLE	SE DEBE CHEQUEAR	492.499825	0.89	0.775	0.34	1.2104	610.335209
124.49	186.74	0.34	274.62	572.8	CUMPLE	SE DEBE CHEQUEAR	459.039824	0.89	0.775	0.34	1.2104	568.869577
112.11	168.16	0.34	247.29	572.8	CUMPLE	SE DEBE CHEQUEAR	413.36029	0.89	0.775	0.34	1.2104	512.260769
124.12	186.17	0.34	273.78	572.8	CUMPLE	SE DEBE CHEQUEAR	457.642222	0.89	0.775	0.34	1.2104	567.137585
49.47	74.20	0.34	136.40	572.8	CUMPLE	SE DEBE CHEQUEAR	232.594247	0.89	0.575	0.34	1.2104	288.244688

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DISEÑO ZAPATAS INTERNAS

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Fecha: MARZO DE 2020

Φv_{pc} (KN/m²)	Falla por punzonamiento	Longitud pedestal (m)	Ppunz (KN)	LP (m)	H´ (m) = H a d/2	Sup Falla (m²)	v_{up} (KN/m²)	Falla por punzonamiento
1298.39645	NO	0.00	342.738933	0.89	0.34	1.2104	424.742564	NO
1298.39645	NO	0.00	274.049983	0.89	0.34	1.2104	339.6191126	NO
1298.39645	NO	0.00	248.118204	0.89	0.34	1.2104	307.4829037	NO
1298.39645	NO	0.00	252.081615	0.89	0.34	1.2104	312.3945992	NO
1298.39645	NO	0.00	87.0537787	0.89	0.34	1.2104	107.8822439	NO
1298.39645	NO	0.00	458.642606	0.89	0.34	1.2104	568.3773201	NO
1298.39645	NO	0.00	468.878934	0.89	0.34	1.2104	581.0627903	NO
1298.39645	NO	0.00	440.941975	0.89	0.34	1.2104	546.4416408	NO
1298.39645	NO	0.00	454.3117	0.89	0.34	1.2104	563.0102031	NO
1298.39645	NO	0.00	276.714125	0.89	0.34	1.2104	342.9206771	NO
1298.39645	NO	0.00	492.499825	0.89	0.34	1.2104	610.335209	NO
1298.39645	NO	0.00	459.039824	0.89	0.34	1.2104	568.8695767	NO
1298.39645	NO	0.00	413.36029	0.89	0.34	1.2104	512.2607693	NO
1298.39645	NO	0.00	457.642222	0.89	0.34	1.2104	567.137585	NO
1298.39645	NO	0.00	232.594247	0.89	0.34	1.2104	288.244688	NO

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DISEÑO ZAPATAS DE LINDERO

Proyecto: PRO054-DISEÑO GRADERÍAS-ESTRUC_B
Realizó: DAP
Contiene: DISEÑO DE ZAPATAS DE LINDERO
Fecha: MARZO DE 2020

	DATOS DE LA COLUMNA						Separacion entre columnas, ℓ (m)	CARGAS SOBRE ZAPATAS							
Identificación de la Zapata	Columna	Número ETABS	Eje X	Eje Y	b1 (mm)	b2 (mm)		De Columna (KN)	Peso Propio cimiento (KN)	Carga Total (KN)	L1 (m) Definitivo	L2 (m) Definitivo	σadmisible (KN/m²)	σactuante (KN/m²)	e (m)
ZTL-1	8 - B	9	8	B	450	650	3.3	196.26	7.850248	204.10645	1.5	1.00	167.00	136.07	0.525
ZTL-1	8 - C	20	8	C	450	650	3.3	400.75	16.030156	416.78406	2.3	1.60	167.00	113.26	0.925
ZTL-1	8 - D	34	8	D	450	650	3.3	316.00	12.640172	328.64447	2.2	1.40	167.00	106.70	0.875

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Fecha: MARZO DE 2020

				FLEXIÓN (Al borde de la columna). Diseño por metro de ancho										
Lc (m)	**ΔR = Pc (KN)**	**σneta1 (KN/m²)**	**Cumple σ?**	**M al borde de columna (KN*m)**	**Factor de mayoración (U)**	**Mu (KN*m)**	**Altura de la zapata**	**Recubrimiento (m)**	**Altura efectiva d (m)**	**ρ calculado**	**ρ mínimo**	**ρ definitivo**	**As (mm²)**	**As min (mm²)**
2.78	38.61	161.81	CUMPLE	5.06	1.50	7.59	0.40	0.050	0.34	0.00012	0.00180	0.00180	612	720
2.38	162.33	157.37	CUMPLE	15.93	1.50	23.90	0.40	0.050	0.34	0.00024	0.00180	0.00180	612	720
2.43	118.58	145.20	CUMPLE	11.62	1.50	17.42	0.40	0.050	0.34	0.00018	0.00180	0.00180	612	720

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Fecha: MARZO DE 2020

								CHEQUEO A CORTANTE					
						Altura de la zapata		ACCION COMO VIGA					
As definitivo (mm²)	Varilla N°	N° de barras por metro	Separación entre barras (m)	Refuerzo a colocar en la dirección principal	Armadura de repartición	Altura mayor (m)	Altura menor (m)	V(borde viga) (KN)	Vu (KN)	d (m)	vu (KN/m²)	Φvc (KN/m²)	Verificación de cortante
720	4	6	0.165	# 4 c/0.165	# 3 c/.25	0.40	0.40	60.68	91.02	0.34	178.47	584.3	CUMPLE
720	4	6	0.165	# 4 c/0.165	# 3 c/.25	0.40	0.40	162.87	244.31	0.34	312.42	584.3	CUMPLE
720	4	6	0.165	# 4 c/0.165	# 3 c/.25	0.40	0.40	127.78	191.67	0.34	256.24	584.3	CUMPLE

Anexo 14. Diseño de Escalera

Av. Carrera 30 No.45-03 Ciudad Universitaria
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ETABS® 2015
Integrated Building Design Software



PY-513A-ESC5-VA

PY 513-DIS EST-CIOH

Model File: PRO-054-DIS-ESCALERA-VA, Revision A

10/06/2021

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1 Structure Data

This chapter provides model geometry information, including items such as story levels, point coordinates, and element connectivity.

1.1 Story Data

Table 1.1 - Story Data

Name	Height m	Elevation m	Master Story	Similar To	Splice Story
1	3.3	3.3	No	None	No
0	0	0	No	None	No

1.2 Point Coordinates

Table 1.2 - Joint Coordinates Data

Label	X m	Y m	ΔZ Below m
5	0	0	0
3	0.35	0	3.10588
4	0.7	0	2.91176
6	1.05	0	2.71765
7	1.4	0	2.52353
8	1.75	0	2.32941
9	2.1	0	2.13529
10	2.45	0	1.94118
11	2.8	0	1.74706
12	3.15	0	1.55294
13	3.5	0	1.35882
14	3.85	0	1.16471
15	4.2	0	0.97059
16	4.55	0	0.77647
17	4.9	0	0.58235
18	5.25	0	0.38824
19	5.6	0	0.19412
36	0.35	1.4	3.10588
37	0.7	1.4	2.91176
38	1.05	1.4	2.71765
39	1.4	1.4	2.52353
40	1.75	1.4	2.32941
41	2.1	1.4	2.13529
42	2.45	1.4	1.94118
43	2.8	1.4	1.74706
44	3.15	1.4	1.55294
45	3.5	1.4	1.35882
46	3.85	1.4	1.16471
47	4.2	1.4	0.97059
48	4.55	1.4	0.77647
49	4.9	1.4	0.58235

Table 1.2 - Joint Coordinates Data (continued)

Label	X m	Y m	ΔZ Below m
50	5.25	1.4	0.38824
51	5.6	1.4	0.19412
52	5.95	0	0
53	0	1.4	0
54	5.95	1.4	0

1.3 Line Connectivity

Table 1.3 - Beam Connectivity Data

Beam	I-End Point	J-End Point	Curve Type
B12	3	36	None
B13	4	37	None
B14	6	38	None
B15	7	39	None
B16	8	40	None
B17	9	41	None
B18	10	42	None
B19	11	43	None
B20	12	44	None
B21	13	45	None
B22	14	46	None
B23	15	47	None
B24	16	48	None
B25	17	49	None
B26	18	50	None
B27	19	51	None
B28	52	54	None

Table 1.4 - Brace Connectivity Data

Brace	I-End Point	J-End Point	I-End Story
D32	5	52	Below
D66	53	54	Below

2 Properties

This chapter provides property information for materials, frame sections, shell sections, and links.

2.1 Materials

Table 2.1 - Material Properties - Summary

Name	Type	E kN/m²	v	Unit Weight kN/m³	Design Strengths
A572Gr50	Steel	199947979	0.3	76.9729	Fy=344737.89 kN/m², Fu=448159.26 kN/m²
A615Gr60	Rebar	199948000	0	76.9729	Fy=420000 kN/m², Fu=420000 kN/m²

2.2 Frame Sections

Table 2.2 - Frame Sections - Summary

Name	Material	Shape
ESCALÓN 1/4"	A572Gr50	SD Section
TUB300X100X3MM	A572Gr50	Steel Tube

3 Assignments

This chapter provides a listing of the assignments applied to the model.

3.1 Joint Assignments

Table 3.1 - Joint Assignments - Summary

Story	Label	Unique Name	Diaphragm	Restraints
1	3	37	From Area	
1	4	38	From Area	
1	6	39	From Area	
1	7	40	From Area	
1	8	41	From Area	
1	9	42	From Area	
1	10	43	From Area	
1	11	44	From Area	
1	12	45	From Area	
1	13	46	From Area	
1	14	47	From Area	
1	15	48	From Area	
1	16	49	From Area	
1	17	50	From Area	
1	18	51	From Area	
1	19	52	From Area	
1	36	53	From Area	
1	37	54	From Area	
1	38	55	From Area	
1	39	56	From Area	
1	40	57	From Area	
1	41	58	From Area	
1	42	59	From Area	
1	43	60	From Area	
1	44	61	From Area	
1	45	62	From Area	
1	46	63	From Area	
1	47	64	From Area	
1	48	65	From Area	
1	49	66	From Area	
1	50	67	From Area	
1	51	68	From Area	
1	52	2	From Area	UX; UY; UZ
1	54	4	From Area	UX; UY; UZ
0	5	1	From Area	UX; UY; UZ
0	53	3	From Area	UX; UY; UZ

Table 3.2 - Joint Assignments - Restraints

Tower	Story	Label	Unique Name	UX	UY	UZ	RX	RY	RZ
	1	52	2	Yes	Yes	Yes	No	No	No
	1	54	4	Yes	Yes	Yes	No	No	No
	0	5	1	Yes	Yes	Yes	No	No	No
	0	53	3	Yes	Yes	Yes	No	No	No

3.2 Frame Assignments

Table 3.3 - Frame Assignments - Summary

Story	Label	Unique Name	Design Type	Length m	Analysis Section	Design Section	Max Station Spacing m	Min Number Stations
1	B12	77	Beam	1.4	ESCALÓN 1/4"	ESCALÓN 1/4"	0.5	
1	B13	78	Beam	1.4	ESCALÓN 1/4"	ESCALÓN 1/4"	0.5	
1	B14	79	Beam	1.4	ESCALÓN 1/4"	ESCALÓN 1/4"	0.5	
1	B15	80	Beam	1.4	ESCALÓN 1/4"	ESCALÓN 1/4"	0.5	
1	B16	81	Beam	1.4	ESCALÓN 1/4"	ESCALÓN 1/4"	0.5	
1	B17	82	Beam	1.4	ESCALÓN 1/4"	ESCALÓN 1/4"	0.5	
1	B18	83	Beam	1.4	ESCALÓN 1/4"	ESCALÓN 1/4"	0.5	
1	B19	84	Beam	1.4	ESCALÓN 1/4"	ESCALÓN 1/4"	0.5	
1	B20	85	Beam	1.4	ESCALÓN 1/4"	ESCALÓN 1/4"	0.5	
1	B21	86	Beam	1.4	ESCALÓN 1/4"	ESCALÓN 1/4"	0.5	
1	B22	87	Beam	1.4	ESCALÓN 1/4"	ESCALÓN 1/4"	0.5	
1	B23	88	Beam	1.4	ESCALÓN 1/4"	ESCALÓN 1/4"	0.5	
1	B24	89	Beam	1.4	ESCALÓN 1/4"	ESCALÓN 1/4"	0.5	
1	B25	90	Beam	1.4	ESCALÓN 1/4"	ESCALÓN 1/4"	0.5	
1	B26	91	Beam	1.4	ESCALÓN 1/4"	ESCALÓN 1/4"	0.5	
1	B27	92	Beam	1.4	ESCALÓN 1/4"	ESCALÓN 1/4"	0.5	
1	B28	76	Beam	1.4	ESCALÓN 1/4"	ESCALÓN 1/4"	0.5	
1	D32	42	Brace	6.80386	TUB300X100X3MM	TUB300X100X3MM		3
1	D66	59	Brace	6.80386	TUB300X100X3MM	TUB300X100X3MM		3

Table 3.4 - Frame Assignments - Sections

Story	Label	Unique Name	Design Type	Section Type	Analysis Section	Design Procedure	Design Section
1	B12	77	Beam	SD Section	ESCALÓN 1/4"	Steel Frame Design	ESCALÓN 1/4"
1	B13	78	Beam	SD Section	ESCALÓN 1/4"	Steel Frame Design	ESCALÓN 1/4"
1	B14	79	Beam	SD Section	ESCALÓN 1/4"	Steel Frame Design	ESCALÓN 1/4"
1	B15	80	Beam	SD Section	ESCALÓN 1/4"	Steel Frame Design	ESCALÓN 1/4"
1	B16	81	Beam	SD Section	ESCALÓN 1/4"	Steel Frame Design	ESCALÓN 1/4"
1	B17	82	Beam	SD Section	ESCALÓN 1/4"	Steel Frame Design	ESCALÓN 1/4"
1	B18	83	Beam	SD Section	ESCALÓN 1/4"	Steel Frame Design	ESCALÓN 1/4"
1	B19	84	Beam	SD Section	ESCALÓN 1/4"	Steel Frame Design	ESCALÓN 1/4"
1	B20	85	Beam	SD Section	ESCALÓN 1/4"	Steel Frame Design	ESCALÓN 1/4"
1	B21	86	Beam	SD Section	ESCALÓN 1/4"	Steel Frame Design	ESCALÓN 1/4"
1	B22	87	Beam	SD Section	ESCALÓN 1/4"	Steel Frame Design	ESCALÓN 1/4"

Table 3.4 - Frame Assignments - Sections (continued)

Story	Label	Unique Name	Design Type	Section Type	Analysis Section	Design Procedure	Design Section
1	B23	88	Beam	SD Section	ESCALÓN 1/4"	Steel Frame Design	ESCALÓN 1/4"
1	B24	89	Beam	SD Section	ESCALÓN 1/4"	Steel Frame Design	ESCALÓN 1/4"
1	B25	90	Beam	SD Section	ESCALÓN 1/4"	Steel Frame Design	ESCALÓN 1/4"
1	B26	91	Beam	SD Section	ESCALÓN 1/4"	Steel Frame Design	ESCALÓN 1/4"
1	B27	92	Beam	SD Section	ESCALÓN 1/4"	Steel Frame Design	ESCALÓN 1/4"
1	B28	76	Beam	SD Section	ESCALÓN 1/4"	Steel Frame Design	ESCALÓN 1/4"
1	D32	42	Brace	Steel Tube	TUB300X100X3MM	Steel Frame Design	TUB300X100X3MM
1	D66	59	Brace	Steel Tube	TUB300X100X3MM	Steel Frame Design	TUB300X100X3MM

4 Loads

This chapter provides loading information as applied to the model.

4.1 Load Cases

Table 4.1 - Load Cases - Summary

Name	Type
PPIO	Linear Static
L	Linear Static
D	Linear Static
DEAD	Linear Static

4.2 Load Combinations

Table 4.2 - Load Combinations

Name	Load Case/Combo	Scale Factor	Type	Auto
B241	DEAD	1.4	Linear Add	No
B242	DEAD	1.2	Linear Add	No
B242	L	1.6		No

5 Analysis Results

This chapter provides analysis results.

5.1 Point Results

Table 5.1 - Joint Reactions

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
1	52	2	PPIO	0	-0.2289	1.9651	0	0	0
1	52	2	L	0	-1.8738	11.025	0	0	0
1	52	2	D	0	-1.0493	6.6843	0	0	0
1	52	2	DEAD	0	-1.2782	8.6494	0	0	0
1	52	2	B241	0	-1.7894	12.1091	0	0	0
1	52	2	B242	0	-4.5318	28.0192	0	0	0
1	54	4	PPIO	0	0.2289	1.9651	0	0	0
1	54	4	L	0	1.8738	11.025	0	0	0
1	54	4	D	0	1.0493	6.6843	0	0	0
1	54	4	DEAD	0	1.2782	8.6494	0	0	0
1	54	4	B241	0	1.7894	12.1091	0	0	0
1	54	4	B242	0	4.5318	28.0192	0	0	0
0	5	1	PPIO	0	0.0801	1.8155	0	0	0
0	5	1	L	0	0.6561	9.8	0	0	0
0	5	1	D	0	0.3674	5.9983	0	0	0
0	5	1	DEAD	0	0.4476	7.8137	0	0	0
0	5	1	B241	0	0.6266	10.9392	0	0	0
0	5	1	B242	0	1.5869	25.0565	0	0	0
0	53	3	PPIO	0	-0.0801	1.8155	0	0	0
0	53	3	L	0	-0.6561	9.8	0	0	0
0	53	3	D	0	-0.3674	5.9983	0	0	0
0	53	3	DEAD	0	-0.4476	7.8137	0	0	0
0	53	3	B241	0	-0.6266	10.9392	0	0	0
0	53	3	B242	0	-1.5869	25.0565	0	0	0

5.2 Line Results

Table 5.2 - Beam Forces

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	B12	77	PPIO	0	0.0883	-0.1496	0	0	-0.0578	-0.0327
1	B12	77	PPIO	0.4667	0.0883	-0.0499	0	0	-0.0578	0.0139
1	B12	77	PPIO	0.9333	0.0883	0.0499	0	0	-0.0578	0.0139
1	B12	77	PPIO	1.4	0.0883	0.1496	0	0	-0.0578	-0.0327
1	B12	77	L	0	0.7228	-1.225	0	0	-0.4729	-0.2674
1	B12	77	L	0.4667	0.7228	-0.4083	0	0	-0.4729	0.1137
1	B12	77	L	0.9333	0.7228	0.4083	0	0	-0.4729	0.1137
1	B12	77	L	1.4	0.7228	1.225	0	0	-0.4729	-0.2674
1	B12	77	D	0	0.4048	-0.686	0	0	-0.2648	-0.1498
1	B12	77	D	0.4667	0.4048	-0.2287	0	0	-0.2648	0.0637
1	B12	77	D	0.9333	0.4048	0.2287	0	0	-0.2648	0.0637

Table 5.2 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	B12	77	D	1.4	0.4048	0.686	0	0	-0.2648	-0.1498
1	B12	77	DEAD	0	0.4931	-0.8356	0	0	-0.3226	-0.1824
1	B12	77	DEAD	0.4667	0.4931	-0.2785	0	0	-0.3226	0.0775
1	B12	77	DEAD	0.9333	0.4931	0.2785	0	0	-0.3226	0.0775
1	B12	77	DEAD	1.4	0.4931	0.8356	0	0	-0.3226	-0.1824
1	B12	77	B241	0	0.6903	-1.1699	0	0	-0.4516	-0.2554
1	B12	77	B241	0.4667	0.6903	-0.39	0	0	-0.4516	0.1086
1	B12	77	B241	0.9333	0.6903	0.39	0	0	-0.4516	0.1086
1	B12	77	B241	1.4	0.6903	1.1699	0	0	-0.4516	-0.2554
1	B12	77	B242	0	1.7482	-2.9627	0	0	-1.1436	-0.6468
1	B12	77	B242	0.4667	1.7482	-0.9876	0	0	-1.1436	0.2749
1	B12	77	B242	0.9333	1.7482	0.9876	0	0	-1.1436	0.2749
1	B12	77	B242	1.4	1.7482	2.9627	0	0	-1.1436	-0.6468
1	B13	78	PPIO	0	0.0025	-0.1496	0	0	-0.0592	-0.0327
1	B13	78	PPIO	0.4667	0.0025	-0.0499	0	0	-0.0592	0.0139
1	B13	78	PPIO	0.9333	0.0025	0.0499	0	0	-0.0592	0.0139
1	B13	78	PPIO	1.4	0.0025	0.1496	0	0	-0.0592	-0.0327
1	B13	78	L	0	0.0203	-1.225	0	0	-0.4844	-0.2677
1	B13	78	L	0.4667	0.0203	-0.4083	0	0	-0.4844	0.1134
1	B13	78	L	0.9333	0.0203	0.4083	0	0	-0.4844	0.1134
1	B13	78	L	1.4	0.0203	1.225	0	0	-0.4844	-0.2677
1	B13	78	D	0	0.0114	-0.686	0	0	-0.2713	-0.1499
1	B13	78	D	0.4667	0.0114	-0.2287	0	0	-0.2713	0.0635
1	B13	78	D	0.9333	0.0114	0.2287	0	0	-0.2713	0.0635
1	B13	78	D	1.4	0.0114	0.686	0	0	-0.2713	-0.1499
1	B13	78	DEAD	0	0.0139	-0.8356	0	0	-0.3304	-0.1826
1	B13	78	DEAD	0.4667	0.0139	-0.2785	0	0	-0.3304	0.0774
1	B13	78	DEAD	0.9333	0.0139	0.2785	0	0	-0.3304	0.0774
1	B13	78	DEAD	1.4	0.0139	0.8356	0	0	-0.3304	-0.1826
1	B13	78	B241	0	0.0194	-1.1699	0	0	-0.4626	-0.2556
1	B13	78	B241	0.4667	0.0194	-0.39	0	0	-0.4626	0.1083
1	B13	78	B241	0.9333	0.0194	0.39	0	0	-0.4626	0.1083
1	B13	78	B241	1.4	0.0194	1.1699	0	0	-0.4626	-0.2556
1	B13	78	B242	0	0.0491	-2.9627	0	0	-1.1716	-0.6474
1	B13	78	B242	0.4667	0.0491	-0.9876	0	0	-1.1716	0.2743
1	B13	78	B242	0.9333	0.0491	0.9876	0	0	-1.1716	0.2743
1	B13	78	B242	1.4	0.0491	2.9627	0	0	-1.1716	-0.6474
1	B14	79	PPIO	0	-0.0015	-0.1496	0	0	-0.0595	-0.0327
1	B14	79	PPIO	0.4667	-0.0015	-0.0499	0	0	-0.0595	0.0138
1	B14	79	PPIO	0.9333	-0.0015	0.0499	0	0	-0.0595	0.0138
1	B14	79	PPIO	1.4	-0.0015	0.1496	0	0	-0.0595	-0.0327
1	B14	79	L	0	-0.0126	-1.225	0	0	-0.4869	-0.2678
1	B14	79	L	0.4667	-0.0126	-0.4083	0	0	-0.4869	0.1133
1	B14	79	L	0.9333	-0.0126	0.4083	0	0	-0.4869	0.1133
1	B14	79	L	1.4	-0.0126	1.225	0	0	-0.4869	-0.2678

Table 5.2 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	B14	79	D	0	-0.0071	-0.686	0	0	-0.2726	-0.15
1	B14	79	D	0.4667	-0.0071	-0.2287	0	0	-0.2726	0.0634
1	B14	79	D	0.9333	-0.0071	0.2287	0	0	-0.2726	0.0634
1	B14	79	D	1.4	-0.0071	0.686	0	0	-0.2726	-0.15
1	B14	79	DEAD	0	-0.0086	-0.8356	0	0	-0.3321	-0.1827
1	B14	79	DEAD	0.4667	-0.0086	-0.2785	0	0	-0.3321	0.0773
1	B14	79	DEAD	0.9333	-0.0086	0.2785	0	0	-0.3321	0.0773
1	B14	79	DEAD	1.4	-0.0086	0.8356	0	0	-0.3321	-0.1827
1	B14	79	B241	0	-0.012	-1.1699	0	0	-0.465	-0.2558
1	B14	79	B241	0.4667	-0.012	-0.39	0	0	-0.465	0.1082
1	B14	79	B241	0.9333	-0.012	0.39	0	0	-0.465	0.1082
1	B14	79	B241	1.4	-0.012	1.1699	0	0	-0.465	-0.2558
1	B14	79	B242	0	-0.0305	-2.9627	0	0	-1.1775	-0.6478
1	B14	79	B242	0.4667	-0.0305	-0.9876	0	0	-1.1775	0.2739
1	B14	79	B242	0.9333	-0.0305	0.9876	0	0	-1.1775	0.2739
1	B14	79	B242	1.4	-0.0305	2.9627	0	0	-1.1775	-0.6478
1	B15	80	PPIO	0	-0.0004	-0.1496	0	0	-0.0592	-0.0327
1	B15	80	PPIO	0.4667	-0.0004	-0.0499	0	0	-0.0592	0.0138
1	B15	80	PPIO	0.9333	-0.0004	0.0499	0	0	-0.0592	0.0138
1	B15	80	PPIO	1.4	-0.0004	0.1496	0	0	-0.0592	-0.0327
1	B15	80	L	0	-0.0036	-1.225	0	0	-0.485	-0.2679
1	B15	80	L	0.4667	-0.0036	-0.4083	0	0	-0.485	0.1132
1	B15	80	L	0.9333	-0.0036	0.4083	0	0	-0.485	0.1132
1	B15	80	L	1.4	-0.0036	1.225	0	0	-0.485	-0.2679
1	B15	80	D	0	-0.002	-0.686	0	0	-0.2716	-0.15
1	B15	80	D	0.4667	-0.002	-0.2287	0	0	-0.2716	0.0634
1	B15	80	D	0.9333	-0.002	0.2287	0	0	-0.2716	0.0634
1	B15	80	D	1.4	-0.002	0.686	0	0	-0.2716	-0.15
1	B15	80	DEAD	0	-0.0024	-0.8356	0	0	-0.3308	-0.1828
1	B15	80	DEAD	0.4667	-0.0024	-0.2785	0	0	-0.3308	0.0772
1	B15	80	DEAD	0.9333	-0.0024	0.2785	0	0	-0.3308	0.0772
1	B15	80	DEAD	1.4	-0.0024	0.8356	0	0	-0.3308	-0.1828
1	B15	80	B241	0	-0.0034	-1.1699	0	0	-0.4632	-0.2559
1	B15	80	B241	0.4667	-0.0034	-0.39	0	0	-0.4632	0.1081
1	B15	80	B241	0.9333	-0.0034	0.39	0	0	-0.4632	0.1081
1	B15	80	B241	1.4	-0.0034	1.1699	0	0	-0.4632	-0.2559
1	B15	80	B242	0	-0.0087	-2.9627	0	0	-1.173	-0.648
1	B15	80	B242	0.4667	-0.0087	-0.9876	0	0	-1.173	0.2738
1	B15	80	B242	0.9333	-0.0087	0.9876	0	0	-1.173	0.2738
1	B15	80	B242	1.4	-0.0087	2.9627	0	0	-1.173	-0.648
1	B16	81	PPIO	0	-0.0002	-0.1496	0	0	-0.0591	-0.0327
1	B16	81	PPIO	0.4667	-0.0002	-0.0499	0	0	-0.0591	0.0138
1	B16	81	PPIO	0.9333	-0.0002	0.0499	0	0	-0.0591	0.0138
1	B16	81	PPIO	1.4	-0.0002	0.1496	0	0	-0.0591	-0.0327
1	B16	81	L	0	-0.0014	-1.225	0	0	-0.484	-0.2679

Table 5.2 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	B16	81	L	0.4667	-0.0014	-0.4083	0	0	-0.484	0.1132
1	B16	81	L	0.9333	-0.0014	0.4083	0	0	-0.484	0.1132
1	B16	81	L	1.4	-0.0014	1.225	0	0	-0.484	-0.2679
1	B16	81	D	0	-0.0008	-0.686	0	0	-0.271	-0.15
1	B16	81	D	0.4667	-0.0008	-0.2287	0	0	-0.271	0.0634
1	B16	81	D	0.9333	-0.0008	0.2287	0	0	-0.271	0.0634
1	B16	81	D	1.4	-0.0008	0.686	0	0	-0.271	-0.15
1	B16	81	DEAD	0	-0.0009	-0.8356	0	0	-0.3302	-0.1828
1	B16	81	DEAD	0.4667	-0.0009	-0.2785	0	0	-0.3302	0.0772
1	B16	81	DEAD	0.9333	-0.0009	0.2785	0	0	-0.3302	0.0772
1	B16	81	DEAD	1.4	-0.0009	0.8356	0	0	-0.3302	-0.1828
1	B16	81	B241	0	-0.0013	-1.1699	0	0	-0.4622	-0.2559
1	B16	81	B241	0.4667	-0.0013	-0.39	0	0	-0.4622	0.1081
1	B16	81	B241	0.9333	-0.0013	0.39	0	0	-0.4622	0.1081
1	B16	81	B241	1.4	-0.0013	1.1699	0	0	-0.4622	-0.2559
1	B16	81	B242	0	-0.0033	-2.9627	0	0	-1.1706	-0.648
1	B16	81	B242	0.4667	-0.0033	-0.9876	0	0	-1.1706	0.2737
1	B16	81	B242	0.9333	-0.0033	0.9876	0	0	-1.1706	0.2737
1	B16	81	B242	1.4	-0.0033	2.9627	0	0	-1.1706	-0.648
1	B17	82	PPIO	0	-0.0001	-0.1496	0	0	-0.0591	-0.0327
1	B17	82	PPIO	0.4667	-0.0001	-0.0499	0	0	-0.0591	0.0138
1	B17	82	PPIO	0.9333	-0.0001	0.0499	0	0	-0.0591	0.0138
1	B17	82	PPIO	1.4	-0.0001	0.1496	0	0	-0.0591	-0.0327
1	B17	82	L	0	-0.0006	-1.225	0	0	-0.4836	-0.2679
1	B17	82	L	0.4667	-0.0006	-0.4083	0	0	-0.4836	0.1132
1	B17	82	L	0.9333	-0.0006	0.4083	0	0	-0.4836	0.1132
1	B17	82	L	1.4	-0.0006	1.225	0	0	-0.4836	-0.2679
1	B17	82	D	0	-0.0003	-0.686	0	0	-0.2708	-0.1501
1	B17	82	D	0.4667	-0.0003	-0.2287	0	0	-0.2708	0.0634
1	B17	82	D	0.9333	-0.0003	0.2287	0	0	-0.2708	0.0634
1	B17	82	D	1.4	-0.0003	0.686	0	0	-0.2708	-0.1501
1	B17	82	DEAD	0	-0.0004	-0.8356	0	0	-0.3299	-0.1828
1	B17	82	DEAD	0.4667	-0.0004	-0.2785	0	0	-0.3299	0.0772
1	B17	82	DEAD	0.9333	-0.0004	0.2785	0	0	-0.3299	0.0772
1	B17	82	DEAD	1.4	-0.0004	0.8356	0	0	-0.3299	-0.1828
1	B17	82	B241	0	-0.0006	-1.1699	0	0	-0.4618	-0.2559
1	B17	82	B241	0.4667	-0.0006	-0.39	0	0	-0.4618	0.1081
1	B17	82	B241	0.9333	-0.0006	0.39	0	0	-0.4618	0.1081
1	B17	82	B241	1.4	-0.0006	1.1699	0	0	-0.4618	-0.2559
1	B17	82	B242	0	-0.0015	-2.9627	0	0	-1.1696	-0.6481
1	B17	82	B242	0.4667	-0.0015	-0.9876	0	0	-1.1696	0.2737
1	B17	82	B242	0.9333	-0.0015	0.9876	0	0	-1.1696	0.2737
1	B17	82	B242	1.4	-0.0015	2.9627	0	0	-1.1696	-0.6481
1	B18	83	PPIO	0	-2.616E-05	-0.1496	0	0	-0.059	-0.0327
1	B18	83	PPIO	0.4667	-2.616E-05	-0.0499	0	0	-0.059	0.0138

Table 5.2 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	B18	83	PPIO	0.9333	-2.616E-05	0.0499	0	0	-0.059	0.0138
1	B18	83	PPIO	1.4	-2.616E-05	0.1496	0	0	-0.059	-0.0327
1	B18	83	L	0	-0.0002	-1.225	0	0	-0.4834	-0.268
1	B18	83	L	0.4667	-0.0002	-0.4083	0	0	-0.4834	0.1132
1	B18	83	L	0.9333	-0.0002	0.4083	0	0	-0.4834	0.1132
1	B18	83	L	1.4	-0.0002	1.225	0	0	-0.4834	-0.268
1	B18	83	D	0	-0.0001	-0.686	0	0	-0.2707	-0.1501
1	B18	83	D	0.4667	-0.0001	-0.2287	0	0	-0.2707	0.0634
1	B18	83	D	0.9333	-0.0001	0.2287	0	0	-0.2707	0.0634
1	B18	83	D	1.4	-0.0001	0.686	0	0	-0.2707	-0.1501
1	B18	83	DEAD	0	-0.0001	-0.8356	0	0	-0.3297	-0.1828
1	B18	83	DEAD	0.4667	-0.0001	-0.2785	0	0	-0.3297	0.0772
1	B18	83	DEAD	0.9333	-0.0001	0.2785	0	0	-0.3297	0.0772
1	B18	83	DEAD	1.4	-0.0001	0.8356	0	0	-0.3297	-0.1828
1	B18	83	B241	0	-0.0002	-1.1699	0	0	-0.4616	-0.2559
1	B18	83	B241	0.4667	-0.0002	-0.39	0	0	-0.4616	0.1081
1	B18	83	B241	0.9333	-0.0002	0.39	0	0	-0.4616	0.1081
1	B18	83	B241	1.4	-0.0002	1.1699	0	0	-0.4616	-0.2559
1	B18	83	B242	0	-0.0005	-2.9627	0	0	-1.1691	-0.6481
1	B18	83	B242	0.4667	-0.0005	-0.9876	0	0	-1.1691	0.2737
1	B18	83	B242	0.9333	-0.0005	0.9876	0	0	-1.1691	0.2737
1	B18	83	B242	1.4	-0.0005	2.9627	0	0	-1.1691	-0.6481
1	B19	84	PPIO	0	8.925E-06	-0.1496	0	0	-0.059	-0.0327
1	B19	84	PPIO	0.4667	8.925E-06	-0.0499	0	0	-0.059	0.0138
1	B19	84	PPIO	0.9333	8.925E-06	0.0499	0	0	-0.059	0.0138
1	B19	84	PPIO	1.4	8.925E-06	0.1496	0	0	-0.059	-0.0327
1	B19	84	L	0	0.0001	-1.225	0	0	-0.4834	-0.268
1	B19	84	L	0.4667	0.0001	-0.4083	0	0	-0.4834	0.1132
1	B19	84	L	0.9333	0.0001	0.4083	0	0	-0.4834	0.1132
1	B19	84	L	1.4	0.0001	1.225	0	0	-0.4834	-0.268
1	B19	84	D	0	4.092E-05	-0.686	0	0	-0.2707	-0.1501
1	B19	84	D	0.4667	4.092E-05	-0.2287	0	0	-0.2707	0.0634
1	B19	84	D	0.9333	4.092E-05	0.2287	0	0	-0.2707	0.0634
1	B19	84	D	1.4	4.092E-05	0.686	0	0	-0.2707	-0.1501
1	B19	84	DEAD	0	4.985E-05	-0.8356	0	0	-0.3297	-0.1828
1	B19	84	DEAD	0.4667	4.985E-05	-0.2785	0	0	-0.3297	0.0772
1	B19	84	DEAD	0.9333	4.985E-05	0.2785	0	0	-0.3297	0.0772
1	B19	84	DEAD	1.4	4.985E-05	0.8356	0	0	-0.3297	-0.1828
1	B19	84	B241	0	0.0001	-1.1699	0	0	-0.4616	-0.2559
1	B19	84	B241	0.4667	0.0001	-0.39	0	0	-0.4616	0.1081
1	B19	84	B241	0.9333	0.0001	0.39	0	0	-0.4616	0.1081
1	B19	84	B241	1.4	0.0001	1.1699	0	0	-0.4616	-0.2559
1	B19	84	B242	0	0.0002	-2.9627	0	0	-1.1691	-0.6481
1	B19	84	B242	0.4667	0.0002	-0.9876	0	0	-1.1691	0.2737
1	B19	84	B242	0.9333	0.0002	0.9876	0	0	-1.1691	0.2737

Table 5.2 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	B19	84	B242	1.4	0.0002	2.9627	0	0	-1.1691	-0.6481
1	B20	85	PPIO	0	4.913E-05	-0.1496	0	0	-0.0591	-0.0327
1	B20	85	PPIO	0.4667	4.913E-05	-0.0499	0	0	-0.0591	0.0138
1	B20	85	PPIO	0.9333	4.913E-05	0.0499	0	0	-0.0591	0.0138
1	B20	85	PPIO	1.4	4.913E-05	0.1496	0	0	-0.0591	-0.0327
1	B20	85	L	0	0.0004	-1.225	0	0	-0.4835	-0.268
1	B20	85	L	0.4667	0.0004	-0.4083	0	0	-0.4835	0.1132
1	B20	85	L	0.9333	0.0004	0.4083	0	0	-0.4835	0.1132
1	B20	85	L	1.4	0.0004	1.225	0	0	-0.4835	-0.268
1	B20	85	D	0	0.0002	-0.686	0	0	-0.2707	-0.1501
1	B20	85	D	0.4667	0.0002	-0.2287	0	0	-0.2707	0.0634
1	B20	85	D	0.9333	0.0002	0.2287	0	0	-0.2707	0.0634
1	B20	85	D	1.4	0.0002	0.686	0	0	-0.2707	-0.1501
1	B20	85	DEAD	0	0.0003	-0.8356	0	0	-0.3298	-0.1828
1	B20	85	DEAD	0.4667	0.0003	-0.2785	0	0	-0.3298	0.0772
1	B20	85	DEAD	0.9333	0.0003	0.2785	0	0	-0.3298	0.0772
1	B20	85	DEAD	1.4	0.0003	0.8356	0	0	-0.3298	-0.1828
1	B20	85	B241	0	0.0004	-1.1699	0	0	-0.4617	-0.2559
1	B20	85	B241	0.4667	0.0004	-0.39	0	0	-0.4617	0.1081
1	B20	85	B241	0.9333	0.0004	0.39	0	0	-0.4617	0.1081
1	B20	85	B241	1.4	0.0004	1.1699	0	0	-0.4617	-0.2559
1	B20	85	B242	0	0.001	-2.9627	0	0	-1.1693	-0.6481
1	B20	85	B242	0.4667	0.001	-0.9876	0	0	-1.1693	0.2737
1	B20	85	B242	0.9333	0.001	0.9876	0	0	-1.1693	0.2737
1	B20	85	B242	1.4	0.001	2.9627	0	0	-1.1693	-0.6481
1	B21	86	PPIO	0	0.0001	-0.1496	0	0	-0.0591	-0.0327
1	B21	86	PPIO	0.4667	0.0001	-0.0499	0	0	-0.0591	0.0138
1	B21	86	PPIO	0.9333	0.0001	0.0499	0	0	-0.0591	0.0138
1	B21	86	PPIO	1.4	0.0001	0.1496	0	0	-0.0591	-0.0327
1	B21	86	L	0	0.001	-1.225	0	0	-0.4838	-0.2679
1	B21	86	L	0.4667	0.001	-0.4083	0	0	-0.4838	0.1132
1	B21	86	L	0.9333	0.001	0.4083	0	0	-0.4838	0.1132
1	B21	86	L	1.4	0.001	1.225	0	0	-0.4838	-0.2679
1	B21	86	D	0	0.0005	-0.686	0	0	-0.2709	-0.15
1	B21	86	D	0.4667	0.0005	-0.2287	0	0	-0.2709	0.0634
1	B21	86	D	0.9333	0.0005	0.2287	0	0	-0.2709	0.0634
1	B21	86	D	1.4	0.0005	0.686	0	0	-0.2709	-0.15
1	B21	86	DEAD	0	0.0007	-0.8356	0	0	-0.33	-0.1828
1	B21	86	DEAD	0.4667	0.0007	-0.2785	0	0	-0.33	0.0772
1	B21	86	DEAD	0.9333	0.0007	0.2785	0	0	-0.33	0.0772
1	B21	86	DEAD	1.4	0.0007	0.8356	0	0	-0.33	-0.1828
1	B21	86	B241	0	0.0009	-1.1699	0	0	-0.462	-0.2559
1	B21	86	B241	0.4667	0.0009	-0.39	0	0	-0.462	0.1081
1	B21	86	B241	0.9333	0.0009	0.39	0	0	-0.462	0.1081
1	B21	86	B241	1.4	0.0009	1.1699	0	0	-0.462	-0.2559

Table 5.2 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	B21	86	B242	0	0.0023	-2.9627	0	0	-1.17	-0.648
1	B21	86	B242	0.4667	0.0023	-0.9876	0	0	-1.17	0.2737
1	B21	86	B242	0.9333	0.0023	0.9876	0	0	-1.17	0.2737
1	B21	86	B242	1.4	0.0023	2.9627	0	0	-1.17	-0.648
1	B22	87	PPIO	0	0.0003	-0.1496	0	0	-0.0592	-0.0327
1	B22	87	PPIO	0.4667	0.0003	-0.0499	0	0	-0.0592	0.0138
1	B22	87	PPIO	0.9333	0.0003	0.0499	0	0	-0.0592	0.0138
1	B22	87	PPIO	1.4	0.0003	0.1496	0	0	-0.0592	-0.0327
1	B22	87	L	0	0.0021	-1.225	0	0	-0.4844	-0.2679
1	B22	87	L	0.4667	0.0021	-0.4083	0	0	-0.4844	0.1132
1	B22	87	L	0.9333	0.0021	0.4083	0	0	-0.4844	0.1132
1	B22	87	L	1.4	0.0021	1.225	0	0	-0.4844	-0.2679
1	B22	87	D	0	0.0012	-0.686	0	0	-0.2713	-0.15
1	B22	87	D	0.4667	0.0012	-0.2287	0	0	-0.2713	0.0634
1	B22	87	D	0.9333	0.0012	0.2287	0	0	-0.2713	0.0634
1	B22	87	D	1.4	0.0012	0.686	0	0	-0.2713	-0.15
1	B22	87	DEAD	0	0.0014	-0.8356	0	0	-0.3304	-0.1828
1	B22	87	DEAD	0.4667	0.0014	-0.2785	0	0	-0.3304	0.0772
1	B22	87	DEAD	0.9333	0.0014	0.2785	0	0	-0.3304	0.0772
1	B22	87	DEAD	1.4	0.0014	0.8356	0	0	-0.3304	-0.1828
1	B22	87	B241	0	0.002	-1.1699	0	0	-0.4626	-0.2559
1	B22	87	B241	0.4667	0.002	-0.39	0	0	-0.4626	0.1081
1	B22	87	B241	0.9333	0.002	0.39	0	0	-0.4626	0.1081
1	B22	87	B241	1.4	0.002	1.1699	0	0	-0.4626	-0.2559
1	B22	87	B242	0	0.005	-2.9627	0	0	-1.1716	-0.648
1	B22	87	B242	0.4667	0.005	-0.9876	0	0	-1.1716	0.2738
1	B22	87	B242	0.9333	0.005	0.9876	0	0	-1.1716	0.2738
1	B22	87	B242	1.4	0.005	2.9627	0	0	-1.1716	-0.648
1	B23	88	PPIO	0	0.0005	-0.1496	0	0	-0.0593	-0.0327
1	B23	88	PPIO	0.4667	0.0005	-0.0499	0	0	-0.0593	0.0138
1	B23	88	PPIO	0.9333	0.0005	0.0499	0	0	-0.0593	0.0138
1	B23	88	PPIO	1.4	0.0005	0.1496	0	0	-0.0593	-0.0327
1	B23	88	L	0	0.0044	-1.225	0	0	-0.4858	-0.2679
1	B23	88	L	0.4667	0.0044	-0.4083	0	0	-0.4858	0.1132
1	B23	88	L	0.9333	0.0044	0.4083	0	0	-0.4858	0.1132
1	B23	88	L	1.4	0.0044	1.225	0	0	-0.4858	-0.2679
1	B23	88	D	0	0.0025	-0.686	0	0	-0.272	-0.15
1	B23	88	D	0.4667	0.0025	-0.2287	0	0	-0.272	0.0634
1	B23	88	D	0.9333	0.0025	0.2287	0	0	-0.272	0.0634
1	B23	88	D	1.4	0.0025	0.686	0	0	-0.272	-0.15
1	B23	88	DEAD	0	0.003	-0.8356	0	0	-0.3314	-0.1827
1	B23	88	DEAD	0.4667	0.003	-0.2785	0	0	-0.3314	0.0772
1	B23	88	DEAD	0.9333	0.003	0.2785	0	0	-0.3314	0.0772
1	B23	88	DEAD	1.4	0.003	0.8356	0	0	-0.3314	-0.1827
1	B23	88	B241	0	0.0042	-1.1699	0	0	-0.4639	-0.2558

Table 5.2 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	B23	88	B241	0.4667	0.0042	-0.39	0	0	-0.4639	0.1081
1	B23	88	B241	0.9333	0.0042	0.39	0	0	-0.4639	0.1081
1	B23	88	B241	1.4	0.0042	1.1699	0	0	-0.4639	-0.2558
1	B23	88	B242	0	0.0106	-2.9627	0	0	-1.1749	-0.6479
1	B23	88	B242	0.4667	0.0106	-0.9876	0	0	-1.1749	0.2739
1	B23	88	B242	0.9333	0.0106	0.9876	0	0	-1.1749	0.2739
1	B23	88	B242	1.4	0.0106	2.9627	0	0	-1.1749	-0.6479
1	B24	89	PPIO	0	0.0011	-0.1496	0	0	-0.0597	-0.0327
1	B24	89	PPIO	0.4667	0.0011	-0.0499	0	0	-0.0597	0.0138
1	B24	89	PPIO	0.9333	0.0011	0.0499	0	0	-0.0597	0.0138
1	B24	89	PPIO	1.4	0.0011	0.1496	0	0	-0.0597	-0.0327
1	B24	89	L	0	0.0089	-1.225	0	0	-0.4886	-0.2678
1	B24	89	L	0.4667	0.0089	-0.4083	0	0	-0.4886	0.1133
1	B24	89	L	0.9333	0.0089	0.4083	0	0	-0.4886	0.1133
1	B24	89	L	1.4	0.0089	1.225	0	0	-0.4886	-0.2678
1	B24	89	D	0	0.005	-0.686	0	0	-0.2736	-0.15
1	B24	89	D	0.4667	0.005	-0.2287	0	0	-0.2736	0.0635
1	B24	89	D	0.9333	0.005	0.2287	0	0	-0.2736	0.0635
1	B24	89	D	1.4	0.005	0.686	0	0	-0.2736	-0.15
1	B24	89	DEAD	0	0.006	-0.8356	0	0	-0.3333	-0.1827
1	B24	89	DEAD	0.4667	0.006	-0.2785	0	0	-0.3333	0.0773
1	B24	89	DEAD	0.9333	0.006	0.2785	0	0	-0.3333	0.0773
1	B24	89	DEAD	1.4	0.006	0.8356	0	0	-0.3333	-0.1827
1	B24	89	B241	0	0.0085	-1.1699	0	0	-0.4666	-0.2557
1	B24	89	B241	0.4667	0.0085	-0.39	0	0	-0.4666	0.1082
1	B24	89	B241	0.9333	0.0085	0.39	0	0	-0.4666	0.1082
1	B24	89	B241	1.4	0.0085	1.1699	0	0	-0.4666	-0.2557
1	B24	89	B242	0	0.0214	-2.9627	0	0	-1.1818	-0.6477
1	B24	89	B242	0.4667	0.0214	-0.9876	0	0	-1.1818	0.2741
1	B24	89	B242	0.9333	0.0214	0.9876	0	0	-1.1818	0.2741
1	B24	89	B242	1.4	0.0214	2.9627	0	0	-1.1818	-0.6477
1	B25	90	PPIO	0	0.002	-0.1496	0	0	-0.0604	-0.0327
1	B25	90	PPIO	0.4667	0.002	-0.0499	0	0	-0.0604	0.0139
1	B25	90	PPIO	0.9333	0.002	0.0499	0	0	-0.0604	0.0139
1	B25	90	PPIO	1.4	0.002	0.1496	0	0	-0.0604	-0.0327
1	B25	90	L	0	0.0165	-1.225	0	0	-0.4947	-0.2676
1	B25	90	L	0.4667	0.0165	-0.4083	0	0	-0.4947	0.1135
1	B25	90	L	0.9333	0.0165	0.4083	0	0	-0.4947	0.1135
1	B25	90	L	1.4	0.0165	1.225	0	0	-0.4947	-0.2676
1	B25	90	D	0	0.0093	-0.686	0	0	-0.277	-0.1499
1	B25	90	D	0.4667	0.0093	-0.2287	0	0	-0.277	0.0636
1	B25	90	D	0.9333	0.0093	0.2287	0	0	-0.277	0.0636
1	B25	90	D	1.4	0.0093	0.686	0	0	-0.277	-0.1499
1	B25	90	DEAD	0	0.0113	-0.8356	0	0	-0.3375	-0.1825
1	B25	90	DEAD	0.4667	0.0113	-0.2785	0	0	-0.3375	0.0774

Table 5.2 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	B25	90	DEAD	0.9333	0.0113	0.2785	0	0	-0.3375	0.0774
1	B25	90	DEAD	1.4	0.0113	0.8356	0	0	-0.3375	-0.1825
1	B25	90	B241	0	0.0158	-1.1699	0	0	-0.4724	-0.2556
1	B25	90	B241	0.4667	0.0158	-0.39	0	0	-0.4724	0.1084
1	B25	90	B241	0.9333	0.0158	0.39	0	0	-0.4724	0.1084
1	B25	90	B241	1.4	0.0158	1.1699	0	0	-0.4724	-0.2556
1	B25	90	B242	0	0.04	-2.9627	0	0	-1.1965	-0.6472
1	B25	90	B242	0.4667	0.04	-0.9876	0	0	-1.1965	0.2745
1	B25	90	B242	0.9333	0.04	0.9876	0	0	-1.1965	0.2745
1	B25	90	B242	1.4	0.04	2.9627	0	0	-1.1965	-0.6472
1	B26	91	PPIO	0	0.0069	-0.1496	0	0	-0.0623	-0.0326
1	B26	91	PPIO	0.4667	0.0069	-0.0499	0	0	-0.0623	0.0139
1	B26	91	PPIO	0.9333	0.0069	0.0499	0	0	-0.0623	0.0139
1	B26	91	PPIO	1.4	0.0069	0.1496	0	0	-0.0623	-0.0326
1	B26	91	L	0	0.0564	-1.225	0	0	-0.5101	-0.2672
1	B26	91	L	0.4667	0.0564	-0.4083	0	0	-0.5101	0.1139
1	B26	91	L	0.9333	0.0564	0.4083	0	0	-0.5101	0.1139
1	B26	91	L	1.4	0.0564	1.225	0	0	-0.5101	-0.2672
1	B26	91	D	0	0.0316	-0.686	0	0	-0.2857	-0.1497
1	B26	91	D	0.4667	0.0316	-0.2287	0	0	-0.2857	0.0638
1	B26	91	D	0.9333	0.0316	0.2287	0	0	-0.2857	0.0638
1	B26	91	D	1.4	0.0316	0.686	0	0	-0.2857	-0.1497
1	B26	91	DEAD	0	0.0385	-0.8356	0	0	-0.348	-0.1823
1	B26	91	DEAD	0.4667	0.0385	-0.2785	0	0	-0.348	0.0777
1	B26	91	DEAD	0.9333	0.0385	0.2785	0	0	-0.348	0.0777
1	B26	91	DEAD	1.4	0.0385	0.8356	0	0	-0.348	-0.1823
1	B26	91	B241	0	0.0538	-1.1699	0	0	-0.4872	-0.2552
1	B26	91	B241	0.4667	0.0538	-0.39	0	0	-0.4872	0.1087
1	B26	91	B241	0.9333	0.0538	0.39	0	0	-0.4872	0.1087
1	B26	91	B241	1.4	0.0538	1.1699	0	0	-0.4872	-0.2552
1	B26	91	B242	0	0.1364	-2.9627	0	0	-1.2338	-0.6463
1	B26	91	B242	0.4667	0.1364	-0.9876	0	0	-1.2338	0.2754
1	B26	91	B242	0.9333	0.1364	0.9876	0	0	-1.2338	0.2754
1	B26	91	B242	1.4	0.1364	2.9627	0	0	-1.2338	-0.6463
1	B27	92	PPIO	0	0.0492	-0.1496	0	0	-0.0664	-0.0325
1	B27	92	PPIO	0.4667	0.0492	-0.0499	0	0	-0.0664	0.014
1	B27	92	PPIO	0.9333	0.0492	0.0499	0	0	-0.0664	0.014
1	B27	92	PPIO	1.4	0.0492	0.1496	0	0	-0.0664	-0.0325
1	B27	92	L	0	0.4032	-1.225	0	0	-0.5436	-0.2664
1	B27	92	L	0.4667	0.4032	-0.4083	0	0	-0.5436	0.1147
1	B27	92	L	0.9333	0.4032	0.4083	0	0	-0.5436	0.1147
1	B27	92	L	1.4	0.4032	1.225	0	0	-0.5436	-0.2664
1	B27	92	D	0	0.2258	-0.686	0	0	-0.3044	-0.1492
1	B27	92	D	0.4667	0.2258	-0.2287	0	0	-0.3044	0.0642
1	B27	92	D	0.9333	0.2258	0.2287	0	0	-0.3044	0.0642

Table 5.2 - Beam Forces (continued)

Story	Beam	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	B27	92	D	1.4	0.2258	0.686	0	0	-0.3044	-0.1492
1	B27	92	DEAD	0	0.275	-0.8356	0	0	-0.3708	-0.1817
1	B27	92	DEAD	0.4667	0.275	-0.2785	0	0	-0.3708	0.0782
1	B27	92	DEAD	0.9333	0.275	0.2785	0	0	-0.3708	0.0782
1	B27	92	DEAD	1.4	0.275	0.8356	0	0	-0.3708	-0.1817
1	B27	92	B241	0	0.3851	-1.1699	0	0	-0.5191	-0.2544
1	B27	92	B241	0.4667	0.3851	-0.39	0	0	-0.5191	0.1095
1	B27	92	B241	0.9333	0.3851	0.39	0	0	-0.5191	0.1095
1	B27	92	B241	1.4	0.3851	1.1699	0	0	-0.5191	-0.2544
1	B27	92	B242	0	0.9752	-2.9627	0	0	-1.3147	-0.6443
1	B27	92	B242	0.4667	0.9752	-0.9876	0	0	-1.3147	0.2774
1	B27	92	B242	0.9333	0.9752	0.9876	0	0	-1.3147	0.2774
1	B27	92	B242	1.4	0.9752	2.9627	0	0	-1.3147	-0.6443
1	B28	76	PPIO	0	0	-0.1496	0	0	-0.0439	-0.0321
1	B28	76	PPIO	0.4667	0	-0.0499	0	0	-0.0439	0.0144
1	B28	76	PPIO	0.9333	0	0.0499	0	0	-0.0439	0.0144
1	B28	76	PPIO	1.4	0	0.1496	0	0	-0.0439	-0.0321
1	B28	76	L	0	0	-1.225	0	0	-0.3598	-0.2632
1	B28	76	L	0.4667	0	-0.4083	0	0	-0.3598	0.1179
1	B28	76	L	0.9333	0	0.4083	0	0	-0.3598	0.1179
1	B28	76	L	1.4	0	1.225	0	0	-0.3598	-0.2632
1	B28	76	D	0	0	-0.686	0	0	-0.2015	-0.1474
1	B28	76	D	0.4667	0	-0.2287	0	0	-0.2015	0.066
1	B28	76	D	0.9333	0	0.2287	0	0	-0.2015	0.066
1	B28	76	D	1.4	0	0.686	0	0	-0.2015	-0.1474
1	B28	76	DEAD	0	0	-0.8356	0	0	-0.2454	-0.1795
1	B28	76	DEAD	0.4667	0	-0.2785	0	0	-0.2454	0.0804
1	B28	76	DEAD	0.9333	0	0.2785	0	0	-0.2454	0.0804
1	B28	76	DEAD	1.4	0	0.8356	0	0	-0.2454	-0.1795
1	B28	76	B241	0	0	-1.1699	0	0	-0.3436	-0.2514
1	B28	76	B241	0.4667	0	-0.39	0	0	-0.3436	0.1126
1	B28	76	B241	0.9333	0	0.39	0	0	-0.3436	0.1126
1	B28	76	B241	1.4	0	1.1699	0	0	-0.3436	-0.2514
1	B28	76	B242	0	0	-2.9627	0	0	-0.8702	-0.6366
1	B28	76	B242	0.4667	0	-0.9876	0	0	-0.8702	0.2852
1	B28	76	B242	0.9333	0	0.9876	0	0	-0.8702	0.2852
1	B28	76	B242	1.4	0	2.9627	0	0	-0.8702	-0.6366

Table 5.3 - Brace Forces

Story	Brace	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	D32	42	PPIO	0	-0.8805	-1.5876	0.0801	0	0	0
1	D32	42	PPIO	0.4002	-0.8452	-1.524	0.0801	0	-0.0321	0.6227
1	D32	42	PPIO	0.4002	-0.7727	-1.3931	0.1684	0.0006	0.0343	0.6227
1	D32	42	PPIO	0.8005	-0.7374	-1.3295	0.1684	0.0006	-0.0331	1.1675

Table 5.3 - Brace Forces (continued)

Story	Brace	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	D32	42	PPIO	0.8005	-0.6648	-1.1987	0.1709	0.0004	0.0345	1.1675
1	D32	42	PPIO	1.2007	-0.6295	-1.135	0.1709	0.0004	-0.0339	1.6345
1	D32	42	PPIO	1.2007	-0.5569	-1.0042	0.1694	0.0002	0.0339	1.6345
1	D32	42	PPIO	1.6009	-0.5217	-0.9406	0.1694	0.0002	-0.0339	2.0237
1	D32	42	PPIO	1.6009	-0.4491	-0.8097	0.1689	0.0001	0.0338	2.0237
1	D32	42	PPIO	2.0011	-0.4138	-0.7461	0.1689	0.0001	-0.0338	2.335
1	D32	42	PPIO	2.0011	-0.3412	-0.6152	0.1688	4.683E-05	0.0338	2.335
1	D32	42	PPIO	2.4014	-0.3059	-0.5516	0.1688	4.683E-05	-0.0338	2.5685
1	D32	42	PPIO	2.4014	-0.2334	-0.4208	0.1687	1.95E-05	0.0338	2.5685
1	D32	42	PPIO	2.8016	-0.1981	-0.3571	0.1687	1.95E-05	-0.0338	2.7242
1	D32	42	PPIO	2.8016	-0.1255	-0.2263	0.1687	3.282E-06	0.0338	2.7242
1	D32	42	PPIO	3.2018	-0.0902	-0.1627	0.1687	3.282E-06	-0.0338	2.802
1	D32	42	PPIO	3.2018	-0.0176	-0.0318	0.1687	-1.107E-05	0.0338	2.802
1	D32	42	PPIO	3.4019	0	0	0.1687	-1.107E-05	-1.753E-06	2.8052
1	D32	42	PPIO	3.602	0.0176	0.0318	0.1687	-1.107E-05	-0.0338	2.802
1	D32	42	PPIO	3.602	0.0902	0.1627	0.1687	-3.173E-05	0.0338	2.802
1	D32	42	PPIO	4.0023	0.1255	0.2263	0.1687	-3.173E-05	-0.0338	2.7242
1	D32	42	PPIO	4.0023	0.1981	0.3571	0.1688	-0.0001	0.0338	2.7242
1	D32	42	PPIO	4.4025	0.2334	0.4208	0.1688	-0.0001	-0.0338	2.5685
1	D32	42	PPIO	4.4025	0.3059	0.5516	0.1691	-0.0001	0.0338	2.5685
1	D32	42	PPIO	4.8027	0.3412	0.6152	0.1691	-0.0001	-0.0339	2.335
1	D32	42	PPIO	4.8027	0.4138	0.7461	0.1696	-0.0003	0.0339	2.335
1	D32	42	PPIO	5.203	0.4491	0.8097	0.1696	-0.0003	-0.034	2.0237
1	D32	42	PPIO	5.203	0.5217	0.9406	0.1707	-0.0007	0.0341	2.0237
1	D32	42	PPIO	5.6032	0.5569	1.0042	0.1707	-0.0007	-0.0343	1.6345
1	D32	42	PPIO	5.6032	0.6295	1.135	0.1727	-0.0014	0.0344	1.6345
1	D32	42	PPIO	6.0034	0.6648	1.1987	0.1727	-0.0014	-0.0347	1.1675
1	D32	42	PPIO	6.0034	0.7374	1.3295	0.1796	-0.0031	0.0356	1.1675
1	D32	42	PPIO	6.4036	0.7727	1.3931	0.1796	-0.0031	-0.0363	0.6227
1	D32	42	PPIO	6.4036	0.8452	1.524	0.2289	-0.0068	0.0376	0.6227
1	D32	42	PPIO	6.8039	0.8805	1.5876	0.2289	-0.0068	-0.054	0
1	D32	42	L	0	-4.7532	-8.5701	0.6561	0	0	0
1	D32	42	L	0.4002	-4.7532	-8.5701	0.6561	0	-0.2626	3.43
1	D32	42	L	0.4002	-4.159	-7.4989	1.379	0.0045	0.2806	3.43
1	D32	42	L	0.8005	-4.159	-7.4989	1.379	0.0045	-0.2713	6.4312
1	D32	42	L	0.8005	-3.5649	-6.4276	1.3993	0.0037	0.2822	6.4312
1	D32	42	L	1.2007	-3.5649	-6.4276	1.3993	0.0037	-0.2779	9.0037
1	D32	42	L	1.2007	-2.9707	-5.3563	1.3867	0.0018	0.2778	9.0037
1	D32	42	L	1.6009	-2.9707	-5.3563	1.3867	0.0018	-0.2772	11.1475
1	D32	42	L	1.6009	-2.3766	-4.2851	1.3831	0.0008	0.2769	11.1475
1	D32	42	L	2.0011	-2.3766	-4.2851	1.3831	0.0008	-0.2767	12.8625
1	D32	42	L	2.0011	-1.7824	-3.2138	1.3817	0.0004	0.2766	12.8625
1	D32	42	L	2.4014	-1.7824	-3.2138	1.3817	0.0004	-0.2764	14.1487
1	D32	42	L	2.4014	-1.1883	-2.1425	1.3811	0.0002	0.2764	14.1487
1	D32	42	L	2.8016	-1.1883	-2.1425	1.3811	0.0002	-0.2764	15.0062

Table 5.3 - Brace Forces (continued)

Story	Brace	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	D32	42	L	2.8016	-0.5941	-1.0713	1.3809	2.687E-05	0.2763	15.0062
1	D32	42	L	3.2018	-0.5941	-1.0713	1.3809	2.687E-05	-0.2763	15.435
1	D32	42	L	3.2018	0	0	1.381	-0.0001	0.2763	15.435
1	D32	42	L	3.4019	0	0	1.381	-0.0001	-1.435E-05	15.435
1	D32	42	L	3.602	0	0	1.381	-0.0001	-0.2764	15.435
1	D32	42	L	3.602	0.5941	1.0713	1.3814	-0.0003	0.2764	15.435
1	D32	42	L	4.0023	0.5941	1.0713	1.3814	-0.0003	-0.2765	15.0062
1	D32	42	L	4.0023	1.1883	2.1425	1.3824	-0.0006	0.2765	15.0062
1	D32	42	L	4.4025	1.1883	2.1425	1.3824	-0.0006	-0.2767	14.1487
1	D32	42	L	4.4025	1.7824	3.2138	1.3844	-0.0012	0.2768	14.1487
1	D32	42	L	4.8027	1.7824	3.2138	1.3844	-0.0012	-0.2772	12.8625
1	D32	42	L	4.8027	2.3766	4.2851	1.3888	-0.0026	0.2775	12.8625
1	D32	42	L	5.203	2.3766	4.2851	1.3888	-0.0026	-0.2783	11.1475
1	D32	42	L	5.203	2.9707	5.3563	1.3977	-0.0054	0.2789	11.1475
1	D32	42	L	5.6032	2.9707	5.3563	1.3977	-0.0054	-0.2805	9.0037
1	D32	42	L	5.6032	3.5649	6.4276	1.4142	-0.0113	0.2819	9.0037
1	D32	42	L	6.0034	3.5649	6.4276	1.4142	-0.0113	-0.2841	6.4312
1	D32	42	L	6.0034	4.159	7.4989	1.4706	-0.025	0.2916	6.4312
1	D32	42	L	6.4036	4.159	7.4989	1.4706	-0.025	-0.2969	3.43
1	D32	42	L	6.4036	4.7532	8.5701	1.8738	-0.0557	0.3076	3.43
1	D32	42	L	6.8039	4.7532	8.5701	1.8738	-0.0557	-0.4423	0
1	D32	42	D	0	-2.9093	-5.2455	0.3674	0	0	0
1	D32	42	D	0.4002	-2.8802	-5.193	0.3674	0	-0.1471	2.0889
1	D32	42	D	0.4002	-2.5474	-4.5931	0.7722	0.0025	0.1571	2.0889
1	D32	42	D	0.8005	-2.5183	-4.5406	0.7722	0.0025	-0.1519	3.9167
1	D32	42	D	0.8005	-2.1856	-3.9407	0.7836	0.0021	0.158	3.9167
1	D32	42	D	1.2007	-2.1565	-3.8882	0.7836	0.0021	-0.1556	5.4834
1	D32	42	D	1.2007	-1.8238	-3.2883	0.7765	0.001	0.1556	5.4834
1	D32	42	D	1.6009	-1.7946	-3.2358	0.7765	0.001	-0.1552	6.7889
1	D32	42	D	1.6009	-1.4619	-2.6359	0.7745	0.0005	0.1551	6.7889
1	D32	42	D	2.0011	-1.4328	-2.5834	0.7745	0.0005	-0.1549	7.8334
1	D32	42	D	2.0011	-1.1001	-1.9835	0.7738	0.0002	0.1549	7.8334
1	D32	42	D	2.4014	-1.071	-1.931	0.7738	0.0002	-0.1548	8.6167
1	D32	42	D	2.4014	-0.7382	-1.3311	0.7734	0.0001	0.1548	8.6167
1	D32	42	D	2.8016	-0.7091	-1.2786	0.7734	0.0001	-0.1548	9.1389
1	D32	42	D	2.8016	-0.3764	-0.6787	0.7733	1.505E-05	0.1548	9.1389
1	D32	42	D	3.2018	-0.3473	-0.6262	0.7733	1.505E-05	-0.1547	9.4
1	D32	42	D	3.2018	-0.0146	-0.0262	0.7734	-0.0001	0.1548	9.4
1	D32	42	D	3.4019	0	0	0.7734	-0.0001	-8.039E-06	9.4027
1	D32	42	D	3.602	0.0146	0.0263	0.7734	-0.0001	-0.1548	9.4
1	D32	42	D	3.602	0.3473	0.6262	0.7736	-0.0001	0.1548	9.4
1	D32	42	D	4.0023	0.3764	0.6787	0.7736	-0.0001	-0.1548	9.1389
1	D32	42	D	4.0023	0.7091	1.2786	0.7741	-0.0003	0.1549	9.1389
1	D32	42	D	4.4025	0.7382	1.3311	0.7741	-0.0003	-0.155	8.6167
1	D32	42	D	4.4025	1.071	1.931	0.7753	-0.0007	0.155	8.6167

Table 5.3 - Brace Forces (continued)

Story	Brace	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	D32	42	D	4.8027	1.1001	1.9835	0.7753	-0.0007	-0.1553	7.8334
1	D32	42	D	4.8027	1.4328	2.5834	0.7777	-0.0014	0.1554	7.8334
1	D32	42	D	5.203	1.4619	2.6359	0.7777	-0.0014	-0.1559	6.7889
1	D32	42	D	5.203	1.7946	3.2358	0.7827	-0.003	0.1562	6.7889
1	D32	42	D	5.6032	1.8238	3.2883	0.7827	-0.003	-0.1571	5.4834
1	D32	42	D	5.6032	2.1565	3.8882	0.7919	-0.0063	0.1579	5.4834
1	D32	42	D	6.0034	2.1856	3.9407	0.7919	-0.0063	-0.1591	3.9167
1	D32	42	D	6.0034	2.5183	4.5406	0.8235	-0.014	0.1633	3.9167
1	D32	42	D	6.4036	2.5474	4.5931	0.8235	-0.014	-0.1663	2.0889
1	D32	42	D	6.4036	2.8802	5.193	1.0493	-0.0312	0.1723	2.0889
1	D32	42	D	6.8039	2.9093	5.2455	1.0493	-0.0312	-0.2477	0
1	D32	42	DEAD	0	-3.7898	-6.8331	0.4476	0	0	0
1	D32	42	DEAD	0.4002	-3.7254	-6.717	0.4476	0	-0.1791	2.7116
1	D32	42	DEAD	0.4002	-3.3201	-5.9863	0.9407	0.0031	0.1914	2.7116
1	D32	42	DEAD	0.8005	-3.2557	-5.8701	0.9407	0.0031	-0.1851	5.0842
1	D32	42	DEAD	0.8005	-2.8504	-5.1394	0.9545	0.0025	0.1925	5.0842
1	D32	42	DEAD	1.2007	-2.786	-5.0232	0.9545	0.0025	-0.1895	7.1179
1	D32	42	DEAD	1.2007	-2.3807	-4.2925	0.9459	0.0012	0.1895	7.1179
1	D32	42	DEAD	1.6009	-2.3163	-4.1764	0.9459	0.0012	-0.1891	8.8126
1	D32	42	DEAD	1.6009	-1.911	-3.4456	0.9435	0.0006	0.1889	8.8126
1	D32	42	DEAD	2.0011	-1.8466	-3.3295	0.9435	0.0006	-0.1887	10.1684
1	D32	42	DEAD	2.0011	-1.4413	-2.5987	0.9425	0.0003	0.1887	10.1684
1	D32	42	DEAD	2.4014	-1.3769	-2.4826	0.9425	0.0003	-0.1886	11.1852
1	D32	42	DEAD	2.4014	-0.9716	-1.7518	0.9421	0.0001	0.1885	11.1852
1	D32	42	DEAD	2.8016	-0.9072	-1.6357	0.9421	0.0001	-0.1885	11.8631
1	D32	42	DEAD	2.8016	-0.5019	-0.905	0.942	1.833E-05	0.1885	11.8631
1	D32	42	DEAD	3.2018	-0.4375	-0.7888	0.942	1.833E-05	-0.1885	12.2021
1	D32	42	DEAD	3.2018	-0.0322	-0.0581	0.942	-0.0001	0.1885	12.2021
1	D32	42	DEAD	3.4019	0	0	0.942	-0.0001	-9.792E-06	12.2079
1	D32	42	DEAD	3.602	0.0322	0.0581	0.942	-0.0001	-0.1885	12.2021
1	D32	42	DEAD	3.602	0.4375	0.7888	0.9423	-0.0002	0.1885	12.2021
1	D32	42	DEAD	4.0023	0.5019	0.905	0.9423	-0.0002	-0.1886	11.8631
1	D32	42	DEAD	4.0023	0.9072	1.6357	0.943	-0.0004	0.1886	11.8631
1	D32	42	DEAD	4.4025	0.9716	1.7518	0.943	-0.0004	-0.1888	11.1852
1	D32	42	DEAD	4.4025	1.3769	2.4826	0.9444	-0.0008	0.1888	11.1852
1	D32	42	DEAD	4.8027	1.4413	2.5987	0.9444	-0.0008	-0.1891	10.1684
1	D32	42	DEAD	4.8027	1.8466	3.3295	0.9474	-0.0018	0.1893	10.1684
1	D32	42	DEAD	5.203	1.911	3.4456	0.9474	-0.0018	-0.1899	8.8126
1	D32	42	DEAD	5.203	2.3163	4.1764	0.9534	-0.0037	0.1902	8.8126
1	D32	42	DEAD	5.6032	2.3807	4.2925	0.9534	-0.0037	-0.1914	7.1179
1	D32	42	DEAD	5.6032	2.786	5.0232	0.9647	-0.0077	0.1923	7.1179
1	D32	42	DEAD	6.0034	2.8504	5.1394	0.9647	-0.0077	-0.1938	5.0842
1	D32	42	DEAD	6.0034	3.2557	5.8701	1.0031	-0.0171	0.1989	5.0842
1	D32	42	DEAD	6.4036	3.3201	5.9863	1.0031	-0.0171	-0.2025	2.7116
1	D32	42	DEAD	6.4036	3.7254	6.717	1.2782	-0.038	0.2099	2.7116

Table 5.3 - Brace Forces (continued)

Story	Brace	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	D32	42	DEAD	6.8039	3.7898	6.8331	1.2782	-0.038	-0.3017	0
1	D32	42	B241	0	-5.3057	-9.5664	0.6266	0	0	0
1	D32	42	B241	0.4002	-5.2156	-9.4038	0.6266	0	-0.2508	3.7962
1	D32	42	B241	0.4002	-4.6482	-8.3808	1.3169	0.0043	0.268	3.7962
1	D32	42	B241	0.8005	-4.558	-8.2182	1.3169	0.0043	-0.2591	7.1179
1	D32	42	B241	0.8005	-3.9906	-7.1951	1.3363	0.0035	0.2695	7.1179
1	D32	42	B241	1.2007	-3.9004	-7.0325	1.3363	0.0035	-0.2654	9.965
1	D32	42	B241	1.2007	-3.333	-6.0095	1.3243	0.0017	0.2653	9.965
1	D32	42	B241	1.6009	-3.2428	-5.8469	1.3243	0.0017	-0.2647	12.3376
1	D32	42	B241	1.6009	-2.6754	-4.8238	1.3209	0.0008	0.2644	12.3376
1	D32	42	B241	2.0011	-2.5852	-4.6613	1.3209	0.0008	-0.2642	14.2357
1	D32	42	B241	2.0011	-2.0178	-3.6382	1.3196	0.0004	0.2641	14.2357
1	D32	42	B241	2.4014	-1.9277	-3.4756	1.3196	0.0004	-0.264	15.6593
1	D32	42	B241	2.4014	-1.3602	-2.4526	1.319	0.0002	0.264	15.6593
1	D32	42	B241	2.8016	-1.2701	-2.29	1.319	0.0002	-0.2639	16.6084
1	D32	42	B241	2.8016	-0.7027	-1.2669	1.3188	2.566E-05	0.2639	16.6084
1	D32	42	B241	3.2018	-0.6125	-1.1043	1.3188	2.566E-05	-0.2639	17.0829
1	D32	42	B241	3.2018	-0.0451	-0.0813	1.3188	-0.0001	0.2639	17.0829
1	D32	42	B241	3.4019	0	0	1.3188	-0.0001	-1.371E-05	17.091
1	D32	42	B241	3.602	0.0451	0.0813	1.3188	-0.0001	-0.2639	17.0829
1	D32	42	B241	3.602	0.6125	1.1043	1.3192	-0.0002	0.264	17.0829
1	D32	42	B241	4.0023	0.7027	1.2669	1.3192	-0.0002	-0.264	16.6084
1	D32	42	B241	4.0023	1.2701	2.29	1.3201	-0.0006	0.2641	16.6084
1	D32	42	B241	4.4025	1.3602	2.4526	1.3201	-0.0006	-0.2643	15.6593
1	D32	42	B241	4.4025	1.9277	3.4756	1.3221	-0.0012	0.2644	15.6593
1	D32	42	B241	4.8027	2.0178	3.6382	1.3221	-0.0012	-0.2648	14.2357
1	D32	42	B241	4.8027	2.5852	4.6613	1.3263	-0.0025	0.265	14.2357
1	D32	42	B241	5.203	2.6754	4.8238	1.3263	-0.0025	-0.2658	12.3376
1	D32	42	B241	5.203	3.2428	5.8469	1.3348	-0.0051	0.2663	12.3376
1	D32	42	B241	5.6032	3.333	6.0095	1.3348	-0.0051	-0.2679	9.965
1	D32	42	B241	5.6032	3.9004	7.0325	1.3505	-0.0108	0.2692	9.965
1	D32	42	B241	6.0034	3.9906	7.1951	1.3505	-0.0108	-0.2713	7.1179
1	D32	42	B241	6.0034	4.558	8.2182	1.4044	-0.0239	0.2785	7.1179
1	D32	42	B241	6.4036	4.6482	8.3808	1.4044	-0.0239	-0.2836	3.7962
1	D32	42	B241	6.4036	5.2156	9.4038	1.7894	-0.0532	0.2938	3.7962
1	D32	42	B241	6.8039	5.3057	9.5664	1.7894	-0.0532	-0.4224	0
1	D32	42	B242	0	-12.1529	-21.912	1.5869	0	0	0
1	D32	42	B242	0.4002	-12.0756	-21.7726	1.5869	0	-0.6351	8.7419
1	D32	42	B242	0.4002	-10.6386	-19.1817	3.3351	0.011	0.6787	8.7419
1	D32	42	B242	0.8005	-10.5613	-19.0423	3.3351	0.011	-0.6561	16.391
1	D32	42	B242	0.8005	-9.1243	-16.4514	3.3843	0.0089	0.6824	16.391
1	D32	42	B242	1.2007	-9.047	-16.3121	3.3843	0.0089	-0.672	22.9474
1	D32	42	B242	1.2007	-7.61	-13.7211	3.3538	0.0043	0.6719	22.9474
1	D32	42	B242	1.6009	-7.5327	-13.5818	3.3538	0.0043	-0.6704	28.4111
1	D32	42	B242	1.6009	-6.0958	-10.9908	3.3451	0.002	0.6697	28.4111

Table 5.3 - Brace Forces (continued)

Story	Brace	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	D32	42	B242	2.0011	-6.0185	-10.8515	3.3451	0.002	-0.6691	32.7821
1	D32	42	B242	2.0011	-4.5815	-8.2605	3.3418	0.0009	0.6689	32.7821
1	D32	42	B242	2.4014	-4.5042	-8.1212	3.3418	0.0009	-0.6686	36.0603
1	D32	42	B242	2.4014	-3.0672	-5.5303	3.3404	0.0004	0.6685	36.0603
1	D32	42	B242	2.8016	-2.9899	-5.3909	3.3404	0.0004	-0.6684	38.2457
1	D32	42	B242	2.8016	-1.5529	-2.8	3.3398	0.0001	0.6684	38.2457
1	D32	42	B242	3.2018	-1.4756	-2.6606	3.3398	0.0001	-0.6683	39.3385
1	D32	42	B242	3.2018	-0.0386	-0.0697	3.34	-0.0002	0.6683	39.3385
1	D32	42	B242	3.4019	0	0	3.34	-0.0002	-3.472E-05	39.3454
1	D32	42	B242	3.602	0.0386	0.0697	3.34	-0.0002	-0.6684	39.3385
1	D32	42	B242	3.602	1.4756	2.6606	3.341	-0.0006	0.6685	39.3385
1	D32	42	B242	4.0023	1.5529	2.8	3.341	-0.0006	-0.6687	38.2457
1	D32	42	B242	4.0023	2.9899	5.3909	3.3433	-0.0014	0.6688	38.2457
1	D32	42	B242	4.4025	3.0672	5.5303	3.3433	-0.0014	-0.6693	36.0603
1	D32	42	B242	4.4025	4.5042	8.1212	3.3483	-0.003	0.6696	36.0603
1	D32	42	B242	4.8027	4.5815	8.2605	3.3483	-0.003	-0.6705	32.7821
1	D32	42	B242	4.8027	6.0185	10.8515	3.3589	-0.0062	0.6712	32.7821
1	D32	42	B242	5.203	6.0958	10.9908	3.3589	-0.0062	-0.6732	28.4111
1	D32	42	B242	5.203	7.5327	13.5818	3.3803	-0.013	0.6744	28.4111
1	D32	42	B242	5.6032	7.61	13.7211	3.3803	-0.013	-0.6785	22.9474
1	D32	42	B242	5.6032	9.047	16.3121	3.4203	-0.0273	0.6818	22.9474
1	D32	42	B242	6.0034	9.1243	16.4514	3.4203	-0.0273	-0.6871	16.391
1	D32	42	B242	6.0034	10.5613	19.0423	3.5566	-0.0605	0.7053	16.391
1	D32	42	B242	6.4036	10.6386	19.1817	3.5566	-0.0605	-0.7181	8.7419
1	D32	42	B242	6.4036	12.0756	21.7726	4.5318	-0.1346	0.744	8.7419
1	D32	42	B242	6.8039	12.1529	21.912	4.5318	-0.1346	-1.0697	0
1	D66	59	PPIO	0	-0.8805	-1.5876	-0.0801	0	0	0
1	D66	59	PPIO	0.4002	-0.8452	-1.524	-0.0801	0	0.0321	0.6227
1	D66	59	PPIO	0.4002	-0.7727	-1.3931	-0.1684	-0.0006	-0.0343	0.6227
1	D66	59	PPIO	0.8005	-0.7374	-1.3295	-0.1684	-0.0006	0.0331	1.1675
1	D66	59	PPIO	0.8005	-0.6648	-1.1987	-0.1709	-0.0004	-0.0345	1.1675
1	D66	59	PPIO	1.2007	-0.6295	-1.135	-0.1709	-0.0004	0.0339	1.6345
1	D66	59	PPIO	1.2007	-0.5569	-1.0042	-0.1694	-0.0002	-0.0339	1.6345
1	D66	59	PPIO	1.6009	-0.5217	-0.9406	-0.1694	-0.0002	0.0339	2.0237
1	D66	59	PPIO	1.6009	-0.4491	-0.8097	-0.1689	-0.0001	-0.0338	2.0237
1	D66	59	PPIO	2.0011	-0.4138	-0.7461	-0.1689	-0.0001	0.0338	2.335
1	D66	59	PPIO	2.0011	-0.3412	-0.6152	-0.1688	-4.683E-05	-0.0338	2.335
1	D66	59	PPIO	2.4014	-0.3059	-0.5516	-0.1688	-4.683E-05	0.0338	2.5685
1	D66	59	PPIO	2.4014	-0.2334	-0.4208	-0.1687	-1.95E-05	-0.0338	2.5685
1	D66	59	PPIO	2.8016	-0.1981	-0.3571	-0.1687	-1.95E-05	0.0338	2.7242
1	D66	59	PPIO	2.8016	-0.1255	-0.2263	-0.1687	-3.282E-06	-0.0338	2.7242
1	D66	59	PPIO	3.2018	-0.0902	-0.1627	-0.1687	-3.282E-06	0.0338	2.802
1	D66	59	PPIO	3.2018	-0.0176	-0.0318	-0.1687	1.107E-05	-0.0338	2.802
1	D66	59	PPIO	3.4019	0	0	-0.1687	1.107E-05	1.753E-06	2.8052
1	D66	59	PPIO	3.602	0.0176	0.0318	-0.1687	1.107E-05	0.0338	2.802

Table 5.3 - Brace Forces (continued)

Story	Brace	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	D66	59	PPIO	3.602	0.0902	0.1627	-0.1687	3.173E-05	-0.0338	2.802
1	D66	59	PPIO	4.0023	0.1255	0.2263	-0.1687	3.173E-05	0.0338	2.7242
1	D66	59	PPIO	4.0023	0.1981	0.3571	-0.1688	0.0001	-0.0338	2.7242
1	D66	59	PPIO	4.4025	0.2334	0.4208	-0.1688	0.0001	0.0338	2.5685
1	D66	59	PPIO	4.4025	0.3059	0.5516	-0.1691	0.0001	-0.0338	2.5685
1	D66	59	PPIO	4.8027	0.3412	0.6152	-0.1691	0.0001	0.0339	2.335
1	D66	59	PPIO	4.8027	0.4138	0.7461	-0.1696	0.0003	-0.0339	2.335
1	D66	59	PPIO	5.203	0.4491	0.8097	-0.1696	0.0003	0.034	2.0237
1	D66	59	PPIO	5.203	0.5217	0.9406	-0.1707	0.0007	-0.0341	2.0237
1	D66	59	PPIO	5.6032	0.5569	1.0042	-0.1707	0.0007	0.0343	1.6345
1	D66	59	PPIO	5.6032	0.6295	1.135	-0.1727	0.0014	-0.0344	1.6345
1	D66	59	PPIO	6.0034	0.6648	1.1987	-0.1727	0.0014	0.0347	1.1675
1	D66	59	PPIO	6.0034	0.7374	1.3295	-0.1796	0.0031	-0.0356	1.1675
1	D66	59	PPIO	6.4036	0.7727	1.3931	-0.1796	0.0031	0.0363	0.6227
1	D66	59	PPIO	6.4036	0.8452	1.524	-0.2289	0.0068	-0.0376	0.6227
1	D66	59	PPIO	6.8039	0.8805	1.5876	-0.2289	0.0068	0.054	0
1	D66	59	L	0	-4.7532	-8.5701	-0.6561	0	0	0
1	D66	59	L	0.4002	-4.7532	-8.5701	-0.6561	0	0.2626	3.43
1	D66	59	L	0.4002	-4.159	-7.4989	-1.379	-0.0045	-0.2806	3.43
1	D66	59	L	0.8005	-4.159	-7.4989	-1.379	-0.0045	0.2713	6.4312
1	D66	59	L	0.8005	-3.5649	-6.4276	-1.3993	-0.0037	-0.2822	6.4312
1	D66	59	L	1.2007	-3.5649	-6.4276	-1.3993	-0.0037	0.2779	9.0037
1	D66	59	L	1.2007	-2.9707	-5.3563	-1.3867	-0.0018	-0.2778	9.0037
1	D66	59	L	1.6009	-2.9707	-5.3563	-1.3867	-0.0018	0.2772	11.1475
1	D66	59	L	1.6009	-2.3766	-4.2851	-1.3831	-0.0008	-0.2769	11.1475
1	D66	59	L	2.0011	-2.3766	-4.2851	-1.3831	-0.0008	0.2767	12.8625
1	D66	59	L	2.0011	-1.7824	-3.2138	-1.3817	-0.0004	-0.2766	12.8625
1	D66	59	L	2.4014	-1.7824	-3.2138	-1.3817	-0.0004	0.2764	14.1487
1	D66	59	L	2.4014	-1.1883	-2.1425	-1.3811	-0.0002	-0.2764	14.1487
1	D66	59	L	2.8016	-1.1883	-2.1425	-1.3811	-0.0002	0.2764	15.0062
1	D66	59	L	2.8016	-0.5941	-1.0713	-1.3809	-2.687E-05	-0.2763	15.0062
1	D66	59	L	3.2018	-0.5941	-1.0713	-1.3809	-2.687E-05	0.2763	15.435
1	D66	59	L	3.2018	0	0	-1.381	0.0001	-0.2763	15.435
1	D66	59	L	3.4019	0	0	-1.381	0.0001	1.435E-05	15.435
1	D66	59	L	3.602	0	0	-1.381	0.0001	0.2764	15.435
1	D66	59	L	3.602	0.5941	1.0713	-1.3814	0.0003	-0.2764	15.435
1	D66	59	L	4.0023	0.5941	1.0713	-1.3814	0.0003	0.2765	15.0062
1	D66	59	L	4.0023	1.1883	2.1425	-1.3824	0.0006	-0.2765	15.0062
1	D66	59	L	4.4025	1.1883	2.1425	-1.3824	0.0006	0.2767	14.1487
1	D66	59	L	4.4025	1.7824	3.2138	-1.3844	0.0012	-0.2768	14.1487
1	D66	59	L	4.8027	1.7824	3.2138	-1.3844	0.0012	0.2772	12.8625
1	D66	59	L	4.8027	2.3766	4.2851	-1.3888	0.0026	-0.2775	12.8625
1	D66	59	L	5.203	2.3766	4.2851	-1.3888	0.0026	0.2783	11.1475
1	D66	59	L	5.203	2.9707	5.3563	-1.3977	0.0054	-0.2789	11.1475
1	D66	59	L	5.6032	2.9707	5.3563	-1.3977	0.0054	0.2805	9.0037

Table 5.3 - Brace Forces (continued)

Story	Brace	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	D66	59	L	5.6032	3.5649	6.4276	-1.4142	0.0113	-0.2819	9.0037
1	D66	59	L	6.0034	3.5649	6.4276	-1.4142	0.0113	0.2841	6.4312
1	D66	59	L	6.0034	4.159	7.4989	-1.4706	0.025	-0.2916	6.4312
1	D66	59	L	6.4036	4.159	7.4989	-1.4706	0.025	0.2969	3.43
1	D66	59	L	6.4036	4.7532	8.5701	-1.8738	0.0557	-0.3076	3.43
1	D66	59	L	6.8039	4.7532	8.5701	-1.8738	0.0557	0.4423	0
1	D66	59	D	0	-2.9093	-5.2455	-0.3674	0	0	0
1	D66	59	D	0.4002	-2.8802	-5.193	-0.3674	0	0.1471	2.0889
1	D66	59	D	0.4002	-2.5474	-4.5931	-0.7722	-0.0025	-0.1571	2.0889
1	D66	59	D	0.8005	-2.5183	-4.5406	-0.7722	-0.0025	0.1519	3.9167
1	D66	59	D	0.8005	-2.1856	-3.9407	-0.7836	-0.0021	-0.158	3.9167
1	D66	59	D	1.2007	-2.1565	-3.8882	-0.7836	-0.0021	0.1556	5.4834
1	D66	59	D	1.2007	-1.8238	-3.2883	-0.7765	-0.001	-0.1556	5.4834
1	D66	59	D	1.6009	-1.7946	-3.2358	-0.7765	-0.001	0.1552	6.7889
1	D66	59	D	1.6009	-1.4619	-2.6359	-0.7745	-0.0005	-0.1551	6.7889
1	D66	59	D	2.0011	-1.4328	-2.5834	-0.7745	-0.0005	0.1549	7.8334
1	D66	59	D	2.0011	-1.1001	-1.9835	-0.7738	-0.0002	-0.1549	7.8334
1	D66	59	D	2.4014	-1.071	-1.931	-0.7738	-0.0002	0.1548	8.6167
1	D66	59	D	2.4014	-0.7382	-1.3311	-0.7734	-0.0001	-0.1548	8.6167
1	D66	59	D	2.8016	-0.7091	-1.2786	-0.7734	-0.0001	0.1548	9.1389
1	D66	59	D	2.8016	-0.3764	-0.6787	-0.7733	-1.505E-05	-0.1548	9.1389
1	D66	59	D	3.2018	-0.3473	-0.6262	-0.7733	-1.505E-05	0.1547	9.4
1	D66	59	D	3.2018	-0.0146	-0.0263	-0.7734	0.0001	-0.1548	9.4
1	D66	59	D	3.4019	0	0	-0.7734	0.0001	8.039E-06	9.4027
1	D66	59	D	3.602	0.0146	0.0262	-0.7734	0.0001	0.1548	9.4
1	D66	59	D	3.602	0.3473	0.6262	-0.7736	0.0001	-0.1548	9.4
1	D66	59	D	4.0023	0.3764	0.6787	-0.7736	0.0001	0.1548	9.1389
1	D66	59	D	4.0023	0.7091	1.2786	-0.7741	0.0003	-0.1549	9.1389
1	D66	59	D	4.4025	0.7382	1.3311	-0.7741	0.0003	0.155	8.6167
1	D66	59	D	4.4025	1.071	1.931	-0.7753	0.0007	-0.155	8.6167
1	D66	59	D	4.8027	1.1001	1.9835	-0.7753	0.0007	0.1553	7.8334
1	D66	59	D	4.8027	1.4328	2.5834	-0.7777	0.0014	-0.1554	7.8334
1	D66	59	D	5.203	1.4619	2.6359	-0.7777	0.0014	0.1559	6.7889
1	D66	59	D	5.203	1.7946	3.2358	-0.7827	0.003	-0.1562	6.7889
1	D66	59	D	5.6032	1.8238	3.2883	-0.7827	0.003	0.1571	5.4834
1	D66	59	D	5.6032	2.1565	3.8882	-0.7919	0.0063	-0.1579	5.4834
1	D66	59	D	6.0034	2.1856	3.9407	-0.7919	0.0063	0.1591	3.9167
1	D66	59	D	6.0034	2.5183	4.5406	-0.8235	0.014	-0.1633	3.9167
1	D66	59	D	6.4036	2.5474	4.5931	-0.8235	0.014	0.1663	2.0889
1	D66	59	D	6.4036	2.8802	5.193	-1.0493	0.0312	-0.1723	2.0889
1	D66	59	D	6.8039	2.9093	5.2455	-1.0493	0.0312	0.2477	0
1	D66	59	DEAD	0	-3.7898	-6.8331	-0.4476	0	0	0
1	D66	59	DEAD	0.4002	-3.7254	-6.717	-0.4476	0	0.1791	2.7116
1	D66	59	DEAD	0.4002	-3.3201	-5.9863	-0.9407	-0.0031	-0.1914	2.7116
1	D66	59	DEAD	0.8005	-3.2557	-5.8701	-0.9407	-0.0031	0.1851	5.0842

Table 5.3 - Brace Forces (continued)

Story	Brace	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	D66	59	DEAD	0.8005	-2.8504	-5.1394	-0.9545	-0.0025	-0.1925	5.0842
1	D66	59	DEAD	1.2007	-2.786	-5.0232	-0.9545	-0.0025	0.1895	7.1179
1	D66	59	DEAD	1.2007	-2.3807	-4.2925	-0.9459	-0.0012	-0.1895	7.1179
1	D66	59	DEAD	1.6009	-2.3163	-4.1764	-0.9459	-0.0012	0.1891	8.8126
1	D66	59	DEAD	1.6009	-1.911	-3.4456	-0.9435	-0.0006	-0.1889	8.8126
1	D66	59	DEAD	2.0011	-1.8466	-3.3295	-0.9435	-0.0006	0.1887	10.1684
1	D66	59	DEAD	2.0011	-1.4413	-2.5987	-0.9425	-0.0003	-0.1887	10.1684
1	D66	59	DEAD	2.4014	-1.3769	-2.4826	-0.9425	-0.0003	0.1886	11.1852
1	D66	59	DEAD	2.4014	-0.9716	-1.7518	-0.9421	-0.0001	-0.1885	11.1852
1	D66	59	DEAD	2.8016	-0.9072	-1.6357	-0.9421	-0.0001	0.1885	11.8631
1	D66	59	DEAD	2.8016	-0.5019	-0.905	-0.942	-1.833E-05	-0.1885	11.8631
1	D66	59	DEAD	3.2018	-0.4375	-0.7888	-0.942	-1.833E-05	0.1885	12.2021
1	D66	59	DEAD	3.2018	-0.0322	-0.0581	-0.942	0.0001	-0.1885	12.2021
1	D66	59	DEAD	3.4019	0	0	-0.942	0.0001	9.792E-06	12.2079
1	D66	59	DEAD	3.602	0.0322	0.0581	-0.942	0.0001	0.1885	12.2021
1	D66	59	DEAD	3.602	0.4375	0.7888	-0.9423	0.0002	-0.1885	12.2021
1	D66	59	DEAD	4.0023	0.5019	0.905	-0.9423	0.0002	0.1886	11.8631
1	D66	59	DEAD	4.0023	0.9072	1.6357	-0.943	0.0004	-0.1886	11.8631
1	D66	59	DEAD	4.4025	0.9716	1.7518	-0.943	0.0004	0.1888	11.1852
1	D66	59	DEAD	4.4025	1.3769	2.4826	-0.9444	0.0008	-0.1888	11.1852
1	D66	59	DEAD	4.8027	1.4413	2.5987	-0.9444	0.0008	0.1891	10.1684
1	D66	59	DEAD	4.8027	1.8466	3.3295	-0.9474	0.0018	-0.1893	10.1684
1	D66	59	DEAD	5.203	1.911	3.4456	-0.9474	0.0018	0.1899	8.8126
1	D66	59	DEAD	5.203	2.3163	4.1764	-0.9534	0.0037	-0.1902	8.8126
1	D66	59	DEAD	5.6032	2.3807	4.2925	-0.9534	0.0037	0.1914	7.1179
1	D66	59	DEAD	5.6032	2.786	5.0232	-0.9647	0.0077	-0.1923	7.1179
1	D66	59	DEAD	6.0034	2.8504	5.1394	-0.9647	0.0077	0.1938	5.0842
1	D66	59	DEAD	6.0034	3.2557	5.8701	-1.0031	0.0171	-0.1989	5.0842
1	D66	59	DEAD	6.4036	3.3201	5.9863	-1.0031	0.0171	0.2025	2.7116
1	D66	59	DEAD	6.4036	3.7254	6.717	-1.2782	0.038	-0.2099	2.7116
1	D66	59	DEAD	6.8039	3.7898	6.8331	-1.2782	0.038	0.3017	0
1	D66	59	B241	0	-5.3057	-9.5664	-0.6266	0	0	0
1	D66	59	B241	0.4002	-5.2156	-9.4038	-0.6266	0	0.2508	3.7962
1	D66	59	B241	0.4002	-4.6482	-8.3808	-1.3169	-0.0043	-0.268	3.7962
1	D66	59	B241	0.8005	-4.558	-8.2182	-1.3169	-0.0043	0.2591	7.1179
1	D66	59	B241	0.8005	-3.9906	-7.1951	-1.3363	-0.0035	-0.2695	7.1179
1	D66	59	B241	1.2007	-3.9004	-7.0325	-1.3363	-0.0035	0.2654	9.965
1	D66	59	B241	1.2007	-3.333	-6.0095	-1.3243	-0.0017	-0.2653	9.965
1	D66	59	B241	1.6009	-3.2428	-5.8469	-1.3243	-0.0017	0.2647	12.3376
1	D66	59	B241	1.6009	-2.6754	-4.8238	-1.3209	-0.0008	-0.2644	12.3376
1	D66	59	B241	2.0011	-2.5852	-4.6613	-1.3209	-0.0008	0.2642	14.2357
1	D66	59	B241	2.0011	-2.0178	-3.6382	-1.3196	-0.0004	-0.2641	14.2357
1	D66	59	B241	2.4014	-1.9277	-3.4756	-1.3196	-0.0004	0.264	15.6593
1	D66	59	B241	2.4014	-1.3602	-2.4526	-1.319	-0.0002	-0.264	15.6593
1	D66	59	B241	2.8016	-1.2701	-2.29	-1.319	-0.0002	0.2639	16.6084

Table 5.3 - Brace Forces (continued)

Story	Brace	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	D66	59	B241	2.8016	-0.7027	-1.2669	-1.3188	-2.566E-05	-0.2639	16.6084
1	D66	59	B241	3.2018	-0.6125	-1.1043	-1.3188	-2.566E-05	0.2639	17.0829
1	D66	59	B241	3.2018	-0.0451	-0.0813	-1.3188	0.0001	-0.2639	17.0829
1	D66	59	B241	3.4019	0	0	-1.3188	0.0001	1.371E-05	17.091
1	D66	59	B241	3.602	0.0451	0.0813	-1.3188	0.0001	0.2639	17.0829
1	D66	59	B241	3.602	0.6125	1.1043	-1.3192	0.0002	-0.264	17.0829
1	D66	59	B241	4.0023	0.7027	1.2669	-1.3192	0.0002	0.264	16.6084
1	D66	59	B241	4.0023	1.2701	2.29	-1.3201	0.0006	-0.2641	16.6084
1	D66	59	B241	4.4025	1.3602	2.4526	-1.3201	0.0006	0.2643	15.6593
1	D66	59	B241	4.4025	1.9277	3.4756	-1.3221	0.0012	-0.2644	15.6593
1	D66	59	B241	4.8027	2.0178	3.6382	-1.3221	0.0012	0.2648	14.2357
1	D66	59	B241	4.8027	2.5852	4.6613	-1.3263	0.0025	-0.265	14.2357
1	D66	59	B241	5.203	2.6754	4.8238	-1.3263	0.0025	0.2658	12.3376
1	D66	59	B241	5.203	3.2428	5.8469	-1.3348	0.0051	-0.2663	12.3376
1	D66	59	B241	5.6032	3.333	6.0095	-1.3348	0.0051	0.2679	9.965
1	D66	59	B241	5.6032	3.9004	7.0325	-1.3505	0.0108	-0.2692	9.965
1	D66	59	B241	6.0034	3.9906	7.1951	-1.3505	0.0108	0.2713	7.1179
1	D66	59	B241	6.0034	4.558	8.2182	-1.4044	0.0239	-0.2785	7.1179
1	D66	59	B241	6.4036	4.6482	8.3808	-1.4044	0.0239	0.2836	3.7962
1	D66	59	B241	6.4036	5.2156	9.4038	-1.7894	0.0532	-0.2938	3.7962
1	D66	59	B241	6.8039	5.3057	9.5664	-1.7894	0.0532	0.4224	0
1	D66	59	B242	0	-12.1529	-21.912	-1.5869	0	0	0
1	D66	59	B242	0.4002	-12.0756	-21.7726	-1.5869	0	0.6351	8.7419
1	D66	59	B242	0.4002	-10.6386	-19.1817	-3.3351	-0.011	-0.6787	8.7419
1	D66	59	B242	0.8005	-10.5613	-19.0423	-3.3351	-0.011	0.6561	16.391
1	D66	59	B242	0.8005	-9.1243	-16.4514	-3.3843	-0.0089	-0.6824	16.391
1	D66	59	B242	1.2007	-9.047	-16.3121	-3.3843	-0.0089	0.672	22.9474
1	D66	59	B242	1.2007	-7.61	-13.7211	-3.3538	-0.0043	-0.6719	22.9474
1	D66	59	B242	1.6009	-7.5327	-13.5818	-3.3538	-0.0043	0.6704	28.4111
1	D66	59	B242	1.6009	-6.0958	-10.9908	-3.3451	-0.002	-0.6697	28.4111
1	D66	59	B242	2.0011	-6.0185	-10.8515	-3.3451	-0.002	0.6691	32.7821
1	D66	59	B242	2.0011	-4.5815	-8.2605	-3.3418	-0.0009	-0.6689	32.7821
1	D66	59	B242	2.4014	-4.5042	-8.1212	-3.3418	-0.0009	0.6686	36.0603
1	D66	59	B242	2.4014	-3.0672	-5.5303	-3.3404	-0.0004	-0.6685	36.0603
1	D66	59	B242	2.8016	-2.9899	-5.3909	-3.3404	-0.0004	0.6684	38.2457
1	D66	59	B242	2.8016	-1.5529	-2.8	-3.3398	-0.0001	-0.6684	38.2457
1	D66	59	B242	3.2018	-1.4756	-2.6606	-3.3398	-0.0001	0.6683	39.3385
1	D66	59	B242	3.2018	-0.0386	-0.0697	-3.34	0.0002	-0.6683	39.3385
1	D66	59	B242	3.4019	0	0	-3.34	0.0002	3.472E-05	39.3454
1	D66	59	B242	3.602	0.0386	0.0697	-3.34	0.0002	0.6684	39.3385
1	D66	59	B242	3.602	1.4756	2.6606	-3.341	0.0006	-0.6685	39.3385
1	D66	59	B242	4.0023	1.5529	2.8	-3.341	0.0006	0.6687	38.2457
1	D66	59	B242	4.0023	2.9899	5.3909	-3.3433	0.0014	-0.6688	38.2457
1	D66	59	B242	4.4025	3.0672	5.5303	-3.3433	0.0014	0.6693	36.0603
1	D66	59	B242	4.4025	4.5042	8.1212	-3.3483	0.003	-0.6696	36.0603

Table 5.3 - Brace Forces (continued)

Story	Brace	Unique Name	Load Case/Combo	Station m	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
1	D66	59	B242	4.8027	4.5815	8.2605	-3.3483	0.003	0.6705	32.7821
1	D66	59	B242	4.8027	6.0185	10.8515	-3.3589	0.0062	-0.6712	32.7821
1	D66	59	B242	5.203	6.0958	10.9908	-3.3589	0.0062	0.6732	28.4111
1	D66	59	B242	5.203	7.5327	13.5818	-3.3803	0.013	-0.6744	28.4111
1	D66	59	B242	5.6032	7.61	13.7211	-3.3803	0.013	0.6785	22.9474
1	D66	59	B242	5.6032	9.047	16.3121	-3.4203	0.0273	-0.6818	22.9474
1	D66	59	B242	6.0034	9.1243	16.4514	-3.4203	0.0273	0.6871	16.391
1	D66	59	B242	6.0034	10.5613	19.0423	-3.5566	0.0605	-0.7053	16.391
1	D66	59	B242	6.4036	10.6386	19.1817	-3.5566	0.0605	0.7181	8.7419
1	D66	59	B242	6.4036	12.0756	21.7726	-4.5318	0.1346	-0.744	8.7419
1	D66	59	B242	6.8039	12.1529	21.912	-4.5318	0.1346	1.0697	0

6 Design Data

This chapter provides design data and results.

6.1 Steel Frame Design

Table 6.1 - Steel Frame Preferences - AISC 360-10

Item	Value
Multi-Response Design	Step-by-Step - All
Frame Type	IMF
Seismic Design Grade	B
Importance Factor	1
Design System Rho	1
Design System Sds	1
Design System R	1
Design System Omega0	1
Design System Cd	1
Design Provision	LRFD
Analysis Method	Direct Analysis
Second Order Method	General 2nd Order
Stiffness Reduction Method	Tau-b Fixed
Phi (Bending)	0.9
Phi (Compression)	0.9
Phi (Tension-Yielding)	0.9
Phi (Tension-Fracture)	0.75
Phi (Shear)	0.9
Phi (Shear-Short Webbed Rolled I)	1
Phi (Torsion)	0.9
Ignore Seismic Code?	No
Ignore Special Seismic Load?	No
Doubler Plate Plug-Welded?	Yes
HSS Welding Type	ERW
Reduced HSS Thickness	No
Consider Deflection?	Yes
DL Ratio	120
SDL+LL Ratio	120
LL Ratio	360
Total Ratio	240
Total Camber Limit	240
Pattern Live Load Factor	0.75
D/C Ratio Limit	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?
1	B12	77	Beam	Program Determined	Intermediate Moment Frame, IMF	1	Yes
1	B13	78	Beam	Program Determined	Intermediate Moment Frame, IMF	1	Yes
1	B14	79	Beam	Program Determined	Intermediate Moment Frame, IMF	1	Yes
1	B15	80	Beam	Program Determined	Intermediate Moment Frame, IMF	1	Yes
1	B16	81	Beam	Program Determined	Intermediate Moment Frame, IMF	1	Yes

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?
1	B17	82	Beam	Program Determined	Intermediate Moment Frame, IMF	1	Yes
1	B18	83	Beam	Program Determined	Intermediate Moment Frame, IMF	1	Yes
1	B19	84	Beam	Program Determined	Intermediate Moment Frame, IMF	1	Yes
1	B20	85	Beam	Program Determined	Intermediate Moment Frame, IMF	1	Yes
1	B21	86	Beam	Program Determined	Intermediate Moment Frame, IMF	1	Yes
1	B22	87	Beam	Program Determined	Intermediate Moment Frame, IMF	1	Yes
1	B23	88	Beam	Program Determined	Intermediate Moment Frame, IMF	1	Yes
1	B24	89	Beam	Program Determined	Intermediate Moment Frame, IMF	1	Yes
1	B25	90	Beam	Program Determined	Intermediate Moment Frame, IMF	1	Yes
1	B26	91	Beam	Program Determined	Intermediate Moment Frame, IMF	1	Yes
1	B27	92	Beam	Program Determined	Intermediate Moment Frame, IMF	1	Yes
1	B28	76	Beam	Program Determined	Intermediate Moment Frame, IMF	1	Yes
1	D32	42	Brace	Program Determined	Intermediate Moment Frame, IMF	1	Yes
1	D66	59	Brace	Program Determined	Intermediate Moment Frame, IMF	1	Yes

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6)

Story	Label	Unique Name	Deflection Type	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute m	SDL+LL Absolute m	LL Absolute m
1	B12	77	Ratio	120	120	360	240	240			
1	B13	78	Ratio	120	120	360	240	240			
1	B14	79	Ratio	120	120	360	240	240			
1	B15	80	Ratio	120	120	360	240	240			
1	B16	81	Ratio	120	120	360	240	240			
1	B17	82	Ratio	120	120	360	240	240			
1	B18	83	Ratio	120	120	360	240	240			
1	B19	84	Ratio	120	120	360	240	240			
1	B20	85	Ratio	120	120	360	240	240			
1	B21	86	Ratio	120	120	360	240	240			
1	B22	87	Ratio	120	120	360	240	240			
1	B23	88	Ratio	120	120	360	240	240			
1	B24	89	Ratio	120	120	360	240	240			
1	B25	90	Ratio	120	120	360	240	240			
1	B26	91	Ratio	120	120	360	240	240			
1	B27	92	Ratio	120	120	360	240	240			
1	B28	76	Ratio	120	120	360	240	240			
1	D32	42	Ratio	120	120	360	240	240			
1	D66	59	Ratio	120	120	360	240	240			

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6)

Story	Label	Unique Name	Camber Absolute m	Camber m	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major
1	B12	77		0	1	1	1	1	1	1
1	B13	78		0	1	1	1	1	1	1
1	B14	79		0	1	1	1	1	1	1
1	B15	80		0	1	1	1	1	1	1
1	B16	81		0	1	1	1	1	1	1
1	B17	82		0	1	1	1	1	1	1
1	B18	83		0	1	1	1	1	1	1
1	B19	84		0	1	1	1	1	1	1
1	B20	85		0	1	1	1	1	1	1
1	B21	86		0	1	1	1	1	1	1
1	B22	87		0	1	1	1	1	1	1
1	B23	88		0	1	1	1	1	1	1
1	B24	89		0	1	1	1	1	1	1
1	B25	90		0	1	1	1	1	1	1
1	B26	91		0	1	1	1	1	1	1
1	B27	92		0	1	1	1	1	1	1
1	B28	76		0	1	1	1	1	1	1
1	D32	42		0	1	1	1	0.058824	0.058824	1
1	D66	59		0	1	1	1	0.058824	0.058824	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6)

Story	Label	Unique Name	Effective Length Factor Major	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)
1	B12	77	1	1	1	1	1	2.684433	1
1	B13	78	1	1	1	1	1	2.694905	1
1	B14	79	1	1	1	1	1	2.700437	1
1	B15	80	1	1	1	1	1	2.702461	1
1	B16	81	1	1	1	1	1	2.703331	1
1	B17	82	1	1	1	1	1	2.703713	1
1	B18	83	1	1	1	1	1	2.703869	1
1	B19	84	1	1	1	1	1	2.70391	1
1	B20	85	1	1	1	1	1	2.703864	1
1	B21	86	1	1	1	1	1	2.703699	1
1	B22	87	1	1	1	1	1	2.703299	1
1	B23	88	1	1	1	1	1	2.702378	1
1	B24	89	1	1	1	1	1	2.700285	1
1	B25	90	1	1	1	1	1	2.695566	1
1	B26	91	1	1	1	1	1	2.685275	1
1	B27	92	1	1	1	1	1	2.661043	1
1	B28	76	1	1	1	1	1	2.563904	1
1	D32	42	1	1	1	1	0.20002	1.00004	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Major	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)
1	D66	59	1	1	1	1	0.20002	1.00004	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6)

Story	Label	Unique Name	Sway Moment Factor (B2 Major)	Sway Moment Factor (B2 Minor)	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy kN/m²	Expected to specified Fy ratio, Ry kN/m²	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN
1	B12	77	1	1	No	ERW	344737.89	1.1	296.2568	861.5584
1	B13	78	1	1	No	ERW	344737.89	1.1	296.2568	861.5584
1	B14	79	1	1	No	ERW	344737.89	1.1	296.2568	861.5584
1	B15	80	1	1	No	ERW	344737.89	1.1	296.2568	861.5584
1	B16	81	1	1	No	ERW	344737.89	1.1	296.2568	861.5584
1	B17	82	1	1	No	ERW	344737.89	1.1	296.2568	861.5584
1	B18	83	1	1	No	ERW	344737.89	1.1	296.2568	861.5584
1	B19	84	1	1	No	ERW	344737.89	1.1	296.2568	861.5584
1	B20	85	1	1	No	ERW	344737.89	1.1	296.2568	861.5584
1	B21	86	1	1	No	ERW	344737.89	1.1	296.2568	861.5584
1	B22	87	1	1	No	ERW	344737.89	1.1	296.2568	861.5584
1	B23	88	1	1	No	ERW	344737.89	1.1	296.2568	861.5584
1	B24	89	1	1	No	ERW	344737.89	1.1	296.2568	861.5584
1	B25	90	1	1	No	ERW	344737.89	1.1	296.2568	861.5584
1	B26	91	1	1	No	ERW	344737.89	1.1	296.2568	861.5584
1	B27	92	1	1	No	ERW	344737.89	1.1	296.2568	861.5584
1	B28	76	1	1	No	ERW	344737.89	1.1	296.2568	861.5584
1	D32	42	1	1	No	ERW	344737.89	1.1	314.6378	639.75
1	D66	59	1	1	No	ERW	344737.89	1.1	314.6378	639.75

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 6 of 6)

Story	Label	Unique Name	Minor Bending Capacity, Mn2 kN-m	Major Shear Capacity, Vn2 kN	Minor Shear Capacity, Vn3 kN	D/C Ratio Limit
1	B12	77	69.2449	110.7973	385.0764	1
1	B13	78	69.2449	110.7973	385.0764	1
1	B14	79	69.2449	110.7973	385.0764	1
1	B15	80	69.2449	110.7973	385.0764	1
1	B16	81	69.2449	110.7973	385.0764	1
1	B17	82	69.2449	110.7973	385.0764	1
1	B18	83	69.2449	110.7973	385.0764	1
1	B19	84	69.2449	110.7973	385.0764	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 6 of 6, continued)

Story	Label	Unique Name	Minor Bending Capacity, Mn2 kN-m	Major Shear Capacity, Vn2 kN	Minor Shear Capacity, Vn3 kN	D/C Ratio Limit
1	B20	85	69.2449	110.7973	385.0764	1
1	B21	86	69.2449	110.7973	385.0764	1
1	B22	87	69.2449	110.7973	385.0764	1
1	B23	88	69.2449	110.7973	385.0764	1
1	B24	89	69.2449	110.7973	385.0764	1
1	B25	90	69.2449	110.7973	385.0764	1
1	B26	91	69.2449	110.7973	385.0764	1
1	B27	92	69.2449	110.7973	385.0764	1
1	B28	76	69.2449	110.7973	385.0764	1
1	D32	42	13.8599	182.6562	101.6425	1
1	D66	59	13.8599	182.6562	101.6425	1

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DIS

Model File: PRO-054-DIS-ESCALERA-VA, Revision A
18/06/2021

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1 Design Data

This chapter provides design data and results.

1.1 Steel Frame Design

Table 1.1 - Steel Frame Summary - AISC 360-10 (Part 1 of 2)

Story	Label	Unique Name	Design Type	Design Section	Status	PMM Combo	PMM Ratio	P Ratio	M Major Ratio	M Minor Ratio
1	B12	77	Beam	ESCALÓN 1/4"	No Message	B242(T)	0.251	0.001	0.234	0.017
1	B13	78	Beam	ESCALÓN 1/4"	No Message	B242(T)	0.251	0	0.234	0.017
1	B14	79	Beam	ESCALÓN 1/4"	No Message	B242(C)	0.251	0	0.234	0.017
1	B15	80	Beam	ESCALÓN 1/4"	No Message	B242(C)	0.251	0	0.234	0.017
1	B16	81	Beam	ESCALÓN 1/4"	No Message	B242(C)	0.251	0	0.234	0.017
1	B17	82	Beam	ESCALÓN 1/4"	No Message	B242(C)	0.251	0	0.234	0.017
1	B18	83	Beam	ESCALÓN 1/4"	No Message	B242(C)	0.251	0	0.234	0.017
1	B19	84	Beam	ESCALÓN 1/4"	No Message	B242(T)	0.251	0	0.234	0.017
1	B20	85	Beam	ESCALÓN 1/4"	No Message	B242(T)	0.251	0	0.234	0.017
1	B21	86	Beam	ESCALÓN 1/4"	No Message	B242(T)	0.251	0	0.234	0.017
1	B22	87	Beam	ESCALÓN 1/4"	No Message	B242(T)	0.251	0	0.234	0.017
1	B23	88	Beam	ESCALÓN 1/4"	No Message	B242(T)	0.251	0	0.234	0.017
1	B24	89	Beam	ESCALÓN 1/4"	No Message	B242(T)	0.251	0	0.234	0.017
1	B25	90	Beam	ESCALÓN 1/4"	No Message	B242(T)	0.251	0	0.234	0.017
1	B26	91	Beam	ESCALÓN 1/4"	No Message	B242(T)	0.252	0	0.234	0.018
1	B27	92	Beam	ESCALÓN 1/4"	No Message	B242(T)	0.253	0.001	0.233	0.019
1	B28	76	Beam	ESCALÓN 1/4"	No Message	B242(C)	0.243	0	0.23	0.013
1	D32	42	Brace	TUB300X100X3MM	No Message	B242(C)	0.721	0.002	0.671	0.047
1	D32		Brace	TUB300X100X3MM	No Message	B242(T)	0.72	0.001	0.671	0.047
1	D66	59	Brace	TUB300X100X3MM	No Message	B242(C)	0.721	0.002	0.671	0.047
1	D66		Brace	TUB300X100X3MM	No Message	B242(T)	0.72	0.001	0.671	0.047

Table 1.1 - Steel Frame Summary - AISC 360-10 (Part 2 of 2)

Story	Label	Unique Name	V Major Combo	V Major Ratio	V Minor Combo	V Minor Ratio
1	B12	77	B242	0.027	B246	0
1	B13	78	B242	0.027	B246	0
1	B14	79	B242	0.027	B246	0
1	B15	80	B242	0.027	B246	0
1	B16	81	B242	0.027	B246	0
1	B17	82	B242	0.027	B246	0
1	B18	83	B242	0.027	B246	0
1	B19	84	B242	0.027	B246	0
1	B20	85	B242	0.027	B246	0
1	B21	86	B242	0.027	B246	0
1	B22	87	B242	0.027	B246	0
1	B23	88	B242	0.027	B246	0
1	B24	89	B242	0.027	B246	0
1	B25	90	B242	0.027	B246	0
1	B26	91	B242	0.027	B246	0
1	B27	92	B242	0.027	B246	0

1363 C

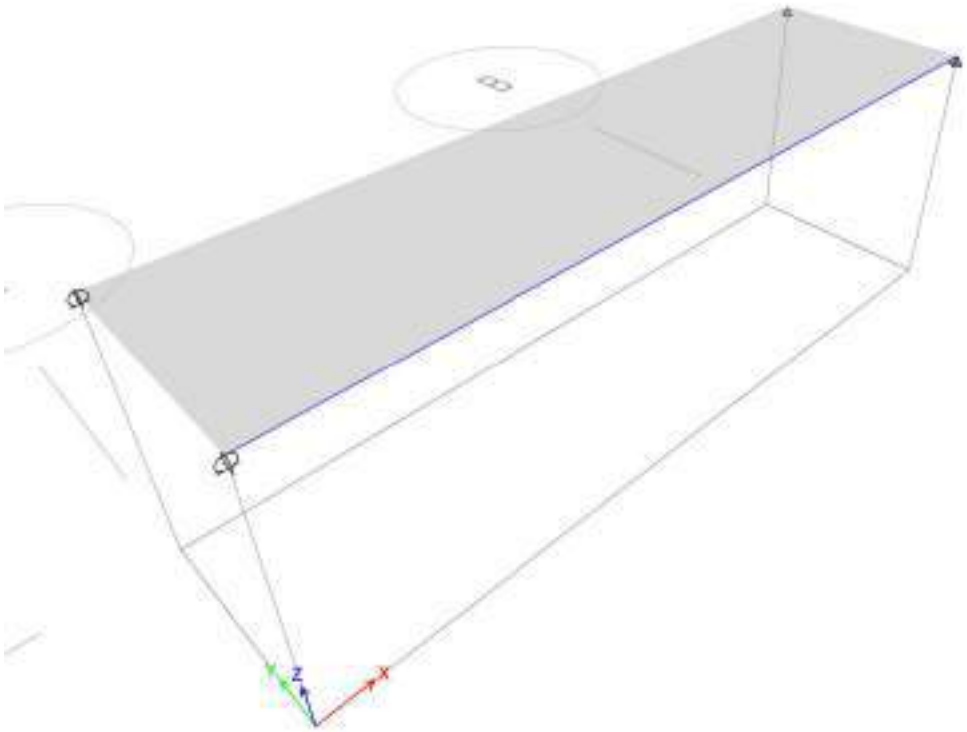
Table 1.1 - Steel Frame Summary - AISC 360-10 (Part 2 of 2, continued)

Story	Label	Unique Name	V Major Combo	V Major Ratio	V Minor Combo	V Minor Ratio
1	B28	76	B242	0.027	B246	0
1	D32	42	B242	0.145	B242	0.045
1	D32					
1	D66	59	B242	0.145	B242	0.045
1	D66					

Anexo 15. Diseño de Elementos prefabricados de graderías

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PRO-054-ZIPA-ESCALONES-VA

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1 Structure Data

This chapter provides model geometry information, including items such as story levels, point coordinates, and element connectivity.

1.1 Story Data

Table 1.1 - Story Data

Name	Height mm	Elevation mm	Master Story	Similar To	Splice Story
Story4	1000	1000	Yes	None	No
Base	0	0	No	None	No

1.2 Grid Data

Table 1.2 - Grid Systems

Name	Type	Story Range	X Origin m	Y Origin m	Rotation deg	Bubble Size mm	Color
G1	Cartesian	Default	0	0	0	1250	ffa0a0a0

Table 1.3 - Grid Lines

Grid System	Grid Direction	Grid ID	Visible	Bubble Location	Ordinate m
G1	X	A	Yes	End	0
G1	X	B	Yes	End	3
G1	Y	1	Yes	Start	0
G1	Y	2	Yes	Start	0,8

1.3 Point Coordinates

Table 1.4 - Joint Coordinates Data

Label	X mm	Y mm	ΔZ Below mm
2	0	0	0
3	3000	0	0
1	3000	800	0
4	0	800	0

1.4 Line Connectivity

Table 1.5 - Beam Connectivity Data

Beam	I-End Point	J-End Point	Curve Type
B1	2	3	None

1.5 Area Connectivity

Table 1.6 - Floor Connectivity Data

Floor	Number of Edges	Edge Number	Point 1	Point 2	Curve Type
F1	4	1	2	3	None
		2	3	1	None
		3	1	4	None
		4	4	2	None

2 Properties

This chapter provides property information for materials, frame sections, shell sections, and links.

2.1 Materials

Table 2.1 - Material Properties - Summary

Name	Type	E MPa	v	Unit Weight kN/m³	Design Strengths
35 MPa	Concrete	27805,57	0,2	24	Fc=35 MPa
A615Gr60	Rebar	199947,98	0,3	76,9729	Fy=413,69 MPa, Fu=620,53 MPa

2.2 Frame Sections

Table 2.2 - Frame Sections - Summary

Name	Material	Shape
V 10x40	35 MPa	Concrete Rectangular

2.3 Shell Sections

Table 2.3 - Shell Sections - Summary

Name	Design Type	Element Type	Material	Total Thickness mm
ESCALONES	Slab	Membrane	35 MPa	100

3 Assignments

This chapter provides a listing of the assignments applied to the model.

3.1 Joint Assignments

Table 3.1 - Joint Assignments - Summary

Story	Label	Unique Name	Diaphragm	Restraints
Story4	2	2	From Area	UZ
Story4	3	3	From Area	UX; UY; UZ
Story4	1	1	From Area	UX; UY; UZ
Story4	4	4	From Area	UZ

3.2 Frame Assignments

Table 3.2 - Frame Assignments - Summary

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Max Station Spacing mm
Story4	B1	1	Beam	3000	V 10x40	N/A	500

3.3 Shell Assignments

Table 3.3 - Shell Assignments - Summary

Story	Label	Unique Name	Section
Story4	F1	2	ESCALONES

4 Loads

This chapter provides loading information as applied to the model.

4.1 Load Patterns

Table 4.1 - Load Patterns

Name	Type	Self Weight Multiplier
Dead	Dead	1
Live	Live	0
Psup	Superimposed Dead	0

4.2 Applied Loads

4.2.1 Area Loads

Table 4.2 - Shell Loads - Uniform

Story	Label	Unique Name	Load Pattern	Direction	Load kN/m²
Story4	F1	2	Live	Gravity	5
Story4	F1	2	Psup	Gravity	10

4.3 Load Cases

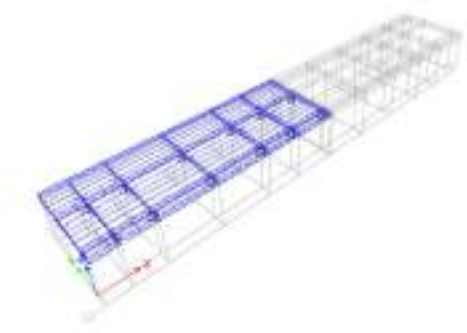
Table 4.3 - Load Cases - Summary

Name	Type
Dead	Linear Static
Live	Linear Static
Psup	Linear Static

Anexo 16. Diseño de Cubierta

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PRO-054-ZIPA-CUBIERTA-VA

Model File: PRO-049-MOD-COMUNAL Y PR-VA, Revision 0
09/04/2021

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1 Structure Data

This chapter provides model geometry information, including items such as story levels, point coordinates, and element connectivity.

1.1 Story Data

Table 1.1 - Story Data

Name	Height mm	Elevation mm	Master Story	Similar To	Splice Story
Story1	1200	8680	No	None	No
NE+7.48	7480	7480	No	None	No
NE+0.00	0	0	No	None	No

1.2 Grid Data

Table 1.2 - Grid Systems

Name	Type	Story Range	X Origin m	Y Origin m	Rotation deg	Bubble Size mm	Color
G1	Cartesian	Default	0	0	0	1250	ffa0a0a0

Table 1.3 - Grid Lines

Grid System	Grid Direction	Grid ID	Visible	Bubble Location	Ordinate m
G1	X	1	Yes	End	0
G1	X	2	Yes	End	3.73
G1	X	3	Yes	End	8.73
G1	X	4	Yes	End	17.46
G1	X	5	Yes	End	26.19
G1	X	6	Yes	End	32.13
G1	X	7	Yes	End	38.98
G1	X	8	Yes	End	39.48
G1	X	9	Yes	End	47.59
G1	X	10	Yes	End	55.85
G1	X	11	Yes	End	63.85
G1	X	13	Yes	End	70.64
G1	X	14	Yes	End	78.53
G1	Y	D'	Yes	Start	-1.875
G1	Y	D	Yes	End	0
G1	Y	C	Yes	End	6.86
G1	Y	B	Yes	End	10.16
G1	Y	A	Yes	End	11.83

1.3 Point Coordinates

Table 1.4 - Joint Coordinates Data

Label	X mm	Y mm	ΔZ Below mm
1067	9821.3	0	-950
1068	10912.5	0	-950
1069	12003.8	0	-950
1070	13095	0	-950
1071	14186.3	0	-950
1072	15277.5	0	-950
1073	16368.8	0	-950
1074	18551.3	0	-950
1075	19642.5	0	-950
1076	20733.8	0	-950
1077	21825	0	-950
1078	22916.3	0	-950
1079	24007.5	0	-950
1080	25098.8	0	-950
1081	9821.3	6860	-950
1082	10912.5	6860	-950
1083	12003.8	6860	-950
1084	13095	6860	-950
1085	14186.3	6860	-950
1086	15277.5	6860	-950
1087	16368.8	6860	-950
1088	18551.3	6860	-950
1089	19642.5	6860	-950
1090	20733.8	6860	-950
1091	21825	6860	-950
1092	22916.3	6860	-950
1093	24007.5	6860	-950
1094	25098.8	6860	-950
1474	1243.3	0	-950
1475	2486.7	0	-950
1476	4980	0	-950
1477	6230	0	-950
1478	7480	0	-950
1479	27378	0	-950
1480	28566	0	-950
1481	29754	0	-950
1482	30942	0	-950
1483	33271.7	0	-950
1484	34413.3	0	-950
1485	35555	0	-950
1486	36696.7	0	-950
1487	37838.3	0	-950
1517	1243.3	6860	-950
1518	2486.7	6860	-950

Table 1.4 - Joint Coordinates Data (continued)

Label	X mm	Y mm	ΔZ Below mm
1523	4980	6860	-950
1524	6230	6860	-950
1525	7480	6860	-950
1532	27378	6860	-950
1533	28566	6860	-950
1534	29754	6860	-950
1535	30942	6860	-950
1544	33271.7	6860	-950
1545	34413.3	6860	-950
1546	35555	6860	-950
1547	36696.7	6860	-950
1548	37838.3	6860	-950
3	0	-1875	1050
85	0	6860	1050
87	0	0	1050
88	0	3430	1050
89	0	-937.5	1050
90	0	1143.3	1050
91	0	2286.7	1050
93	0	4573.3	1050
94	0	5716.7	1050
99	3730	-1875	1050
110	3730	6860	1050
115	3730	0	1050
116	3730	3430	1050
135	3730	-937.5	1050
136	3730	1143.3	1050
137	3730	2286.7	1050
138	3730	4573.3	1050
139	3730	5716.7	1050
149	8730	-1875	1050
160	8730	6860	1050
161	8730	0	1050
162	8730	3430	1050
163	8730	-937.5	1050
165	8730	1143.3	1050
169	8730	2286.7	1050
170	8730	4573.3	1050
172	8730	5716.7	1050
178	17460	-1875	1050
193	17460	6860	1050
194	17460	0	1050
195	17460	3430	1050

Table 1.4 - Joint Coordinates Data (continued)

Label	X mm	Y mm	ΔZ Below mm
196	17460	-937.5	1050
197	17460	1143.3	1050
198	17460	2286.7	1050
199	17460	4573.3	1050
200	17460	5716.7	1050
206	26190	-1875	1050
223	26190	6860	1050
224	26190	0	1050
225	26190	3430	1050
226	26190	-937.5	1050
227	26190	1143.3	1050
228	26190	2286.7	1050
229	26190	4573.3	1050
230	26190	5716.7	1050
240	32130	-1875	1050
264	32130	6860	1050
265	32130	0	1050
266	32130	3430	1050
267	32130	-937.5	1050
268	32130	1143.3	1050
269	32130	2286.7	1050
270	32130	4573.3	1050
271	32130	5716.7	1050
280	38980	-1875	1050
292	38980	6860	1050
293	38980	0	1050
294	38980	3430	1050
295	38980	-937.5	1050
296	38980	1143.3	1050
297	38980	2286.7	1050
298	38980	4573.3	1050
300	38980	5716.7	1050
479	8730	0	250
481	8730	6860	250
484	17460	0	250
486	17460	6860	250
517	26190	0	250
519	26190	6860	250
559	3730	0	250
566	3730	6860	250
591	0	0	250
593	0	6860	250
616	32130	0	250

Table 1.4 - Joint Coordinates Data (continued)

Label	X mm	Y mm	ΔZ Below mm
624	32130	6860	250
637	38980	0	250
639	38980	6860	250
12	9821.3	-1875	1050
113	10912.5	-1875	1050
114	12003.8	-1875	1050
117	13095	-1875	1050
118	14186.3	-1875	1050
119	15277.5	-1875	1050
120	16368.8	-1875	1050
121	18551.3	-1875	1050
122	19642.5	-1875	1050
123	20733.8	-1875	1050
124	21825	-1875	1050
125	22916.3	-1875	1050
126	24007.5	-1875	1050
127	25098.8	-1875	1050
128	7480	-1875	1050
129	6230	-1875	1050
130	4980	-1875	1050
131	2486.7	-1875	1050
132	1243.3	-1875	1050
133	27378	-1875	1050
134	28566	-1875	1050
142	29754	-1875	1050
143	30942	-1875	1050
144	33271.7	-1875	1050
145	34413.3	-1875	1050
146	35555	-1875	1050
164	36696.7	-1875	1050
166	37838.3	-1875	1050
245	9821.3	0	1050
354	10912.5	0	1050
411	12003.8	0	1050
413	13095	0	1050
415	14186.3	0	1050
416	15277.5	0	1050
437	16368.8	0	1050
441	18551.3	0	1050
442	19642.5	0	1050
452	20733.8	0	1050
827	21825	0	1050
828	22916.3	0	1050

Table 1.4 - Joint Coordinates Data (continued)

Label	X mm	Y mm	ΔZ Below mm
829	24007.5	0	1050
830	25098.8	0	1050
831	7480	0	1050
832	6230	0	1050
833	4980	0	1050
834	2486.7	0	1050
835	1243.3	0	1050
836	27378	0	1050
837	28566	0	1050
838	29754	0	1050
839	30942	0	1050
840	33271.7	0	1050
841	34413.3	0	1050
842	35555	0	1050
843	36696.7	0	1050
844	37838.3	0	1050
43	9821.3	6860	1050
171	18551.3	6860	1050
432	10912.5	6860	1050
434	19642.5	6860	1050
435	12003.8	6860	1050
439	20733.8	6860	1050
440	13095	6860	1050
443	21825	6860	1050
444	14186.3	6860	1050
445	22916.3	6860	1050
446	15277.5	6860	1050
447	24007.5	6860	1050
448	16368.8	6860	1050
449	25098.8	6860	1050
450	7480	6860	1050
451	6230	6860	1050
470	4980	6860	1050
471	2486.7	6860	1050
487	1243.3	6860	1050
488	27378	6860	1050
489	28566	6860	1050
490	29754	6860	1050
491	30942	6860	1050
492	33271.7	6860	1050
493	34413.3	6860	1050
494	35555	6860	1050
495	36696.7	6860	1050

Table 1.4 - Joint Coordinates Data (continued)

Label	X mm	Y mm	ΔZ Below mm
496	37838.3	6860	1050
1	0	11830	150
877	0	7854	230
878	0	8848	210
879	0	9842	190
880	0	10836	170
886	0	3430	180
887	0	4573.3	203.3
888	0	5716.7	226.7
889	0	1143.3	226.7
890	0	2286.7	203.3
891	0	-1875	210
892	0	-937.5	230
893	3730	11830	150
894	3730	7854	230
895	3730	8848	210
896	3730	9842	190
897	3730	10836	170
902	3730	3430	180
903	3730	4573.3	203.3
904	3730	5716.7	226.7
905	3730	1143.3	226.7
906	3730	2286.7	203.3
907	3730	-1875	210
908	3730	-937.5	230
917	8730	11830	150
918	8730	7854	230
919	8730	8848	210
920	8730	9842	190
921	8730	10836	170
926	8730	3430	180
927	8730	4573.3	203.3
928	8730	5716.7	226.7
929	8730	1143.3	226.7
930	8730	2286.7	203.3
931	8730	-1875	210
932	8730	-937.5	230
940	17460	11830	150
941	17460	7854	230
942	17460	8848	210
943	17460	9842	190
944	17460	10836	170
949	17460	3430	180

Table 1.4 - Joint Coordinates Data (continued)

Label	X mm	Y mm	ΔZ Below mm
950	17460	4573.3	203.3
951	17460	5716.7	226.7
952	17460	1143.3	226.7
953	17460	2286.7	203.3
954	17460	-1875	210
955	17460	-937.5	230
962	26190	11830	150
963	26190	7854	230
964	26190	8848	210
965	26190	9842	190
966	26190	10836	170
971	26190	3430	180
972	26190	4573.3	203.3
973	26190	5716.7	226.7
974	26190	1143.3	226.7
975	26190	2286.7	203.3
976	26190	-1875	210
977	26190	-937.5	230
984	32130	11830	150
985	32130	7854	230
986	32130	8848	210
987	32130	9842	190
988	32130	10836	170
993	32130	3430	180
994	32130	4573.3	203.3
995	32130	5716.7	226.7
996	32130	1143.3	226.7
997	32130	2286.7	203.3
998	32130	-1875	210
999	32130	-937.5	230
1006	38980	11830	150
1007	38980	7854	230
1008	38980	8848	210
1009	38980	9842	190
1010	38980	10836	170
1015	38980	3430	180
1016	38980	4573.3	203.3
1017	38980	5716.7	226.7
1018	38980	1143.3	226.7
1019	38980	2286.7	203.3
1020	38980	-1875	210
1021	38980	-937.5	230
2	1243.3	-1875	210

Table 1.4 - Joint Coordinates Data (continued)

Label	X mm	Y mm	ΔZ Below mm
4	2486.7	-1875	210
5	4980	-1875	210
6	6230	-1875	210
7	7480	-1875	210
8	9821.3	-1875	210
10	10912.5	-1875	210
11	12003.8	-1875	210
13	13095	-1875	210
14	14186.3	-1875	210
15	15277.5	-1875	210
16	16368.8	-1875	210
23	18551.3	-1875	210
24	19642.5	-1875	210
25	20733.8	-1875	210
26	21825	-1875	210
27	22916.3	-1875	210
28	24007.5	-1875	210
29	25098.8	-1875	210
30	27378	-1875	210
31	28566	-1875	210
32	29754	-1875	210
33	30942	-1875	210
38	33271.7	-1875	210
39	34413.3	-1875	210
40	35555	-1875	210
41	36696.7	-1875	210
42	37838.3	-1875	210
47	1243.3	11830	150
48	2486.7	11830	150
52	4980	11830	150
53	6230	11830	150
54	7480	11830	150
69	9821.3	11830	150
70	10912.5	11830	150
71	12003.8	11830	150
72	13095	11830	150
73	14186.3	11830	150
74	15277.5	11830	150
75	16368.8	11830	150
76	18551.3	11830	150
77	19642.5	11830	150
78	20733.8	11830	150
80	21825	11830	150

Table 1.4 - Joint Coordinates Data (continued)

Label	X mm	Y mm	ΔZ Below mm
81	22916.3	11830	150
82	24007.5	11830	150
83	25098.8	11830	150
96	27378	11830	150
97	28566	11830	150
98	29754	11830	150
101	30942	11830	150
108	33271.7	11830	150
109	34413.3	11830	150
111	35555	11830	150
112	36696.7	11830	150
140	37838.3	11830	150
9	0	11830	650
21	0	7854	970
22	0	8848	890
34	0	9842	810
35	0	10836	730
36	3730	11830	650
37	3730	7854	970
44	3730	8848	890
79	3730	9842	810
100	3730	10836	730
104	8730	11830	650
141	8730	7854	970
147	8730	8848	890
148	8730	9842	810
150	8730	10836	730
151	17460	11830	650
152	17460	7854	970
153	17460	8848	890
154	17460	9842	810
155	17460	10836	730
156	26190	11830	650
157	26190	7854	970
158	26190	8848	890
159	26190	9842	810
167	26190	10836	730
168	32130	11830	650
173	32130	7854	970
174	32130	8848	890
175	32130	9842	810
176	32130	10836	730
177	38980	11830	650

Table 1.4 - Joint Coordinates Data (continued)

Label	X mm	Y mm	ΔZ Below mm
179	38980	7854	970
180	38980	8848	890
181	38980	9842	810
182	38980	10836	730
183	1243.3	11830	650
184	2486.7	11830	650
185	4980	11830	650
186	6230	11830	650
187	7480	11830	650
188	9821.3	11830	650
189	10912.5	11830	650
190	12003.8	11830	650
191	13095	11830	650
192	14186.3	11830	650
201	15277.5	11830	650
202	16368.8	11830	650
203	18551.3	11830	650
204	19642.5	11830	650
205	20733.8	11830	650
207	21825	11830	650
208	22916.3	11830	650
209	24007.5	11830	650
210	25098.8	11830	650
211	27378	11830	650
212	28566	11830	650
213	29754	11830	650
214	30942	11830	650
215	33271.7	11830	650
216	34413.3	11830	650
217	35555	11830	650
218	36696.7	11830	650
219	37838.3	11830	650
19	27036.7	4573.3	203.3
20	25343.3	4573.3	203.3
58	846.7	4573.3	203.3
59	2883.3	4573.3	203.3
60	4576.7	4573.3	203.3
61	7883.3	4573.3	203.3
62	9576.7	4573.3	203.3
63	16613.3	4573.3	203.3
64	18306.7	4573.3	203.3
65	31283.3	4573.3	203.3
66	32976.7	4573.3	203.3

Table 1.4 - Joint Coordinates Data (continued)

Label	X mm	Y mm	ΔZ Below mm
67	38133.3	4573.3	203.3
17	2486.7	5716.7	226.7
50	2486.7	7854	230
51	2486.7	1143.3	226.7
55	2486.7	-937.5	230
221	740	7854	230
222	2990	7854	230
231	4470	7854	230
232	7990	7854	230
233	9470	7854	230
234	16720	7854	230
235	18200	7854	230
236	25450	7854	230
237	26930	7854	230
238	31390	7854	230
239	32870	7854	230
241	38240	7854	230
56	4980	10836	170
57	6230	7854	230
68	6230	5716.7	226.7
84	6230	1143.3	226.7
86	6230	-937.5	230
18	2480	11830	650
45	2480	10836	170

1.4 Line Connectivity

Table 1.5 - Column Connectivity Data

Column	I-End Point	J-End Point	I-End Story
C197	85	593	Same
C200	87	591	Same
C211	110	566	Same
C214	115	559	Same
C225	160	481	Same
C228	161	479	Same
C242	194	484	Same
C256	224	517	Same
C270	265	616	Same
C284	293	637	Same
C130	245	1067	Same
C132	354	1068	Same
C134	411	1069	Same
C136	413	1070	Same
C138	415	1071	Same

Table 1.5 - Column Connectivity Data (continued)

Column	I-End Point	J-End Point	I-End Story
C140	416	1072	Same
C142	437	1073	Same
C144	441	1074	Same
C146	442	1075	Same
C148	452	1076	Same
C150	827	1077	Same
C152	828	1078	Same
C154	829	1079	Same
C156	830	1080	Same
C158	831	1478	Same
C160	832	1477	Same
C162	833	1476	Same
C164	834	1475	Same
C166	835	1474	Same
C168	836	1479	Same
C170	837	1480	Same
C172	838	1481	Same
C174	839	1482	Same
C176	840	1483	Same
C178	841	1484	Same
C180	842	1485	Same
C182	843	1486	Same
C184	844	1487	Same
C3	43	1081	Same
C7	171	1088	Same
C11	432	1082	Same
C15	434	1089	Same
C23	435	1083	Same
C31	439	1090	Same
C41	440	1084	Same
C45	443	1091	Same
C49	444	1085	Same
C53	445	1092	Same
C57	446	1086	Same
C61	447	1093	Same
C65	448	1087	Same
C69	449	1094	Same
C73	450	1525	Same
C77	451	1524	Same
C81	470	1523	Same
C85	471	1518	Same
C89	487	1517	Same
C93	488	1532	Same
C97	489	1533	Same
C101	490	1534	Same

Table 1.5 - Column Connectivity Data (continued)

Column	I-End Point	J-End Point	I-End Story
C105	491	1535	Same
C109	492	1544	Same
C113	493	1545	Same
C117	494	1546	Same
C121	495	1547	Same
C125	496	1548	Same
C487	88	886	Same
C489	93	887	Same
C491	94	888	Same
C493	90	889	Same
C495	91	890	Same
C501	89	892	Same
C510	116	902	Same
C511	138	903	Same
C512	139	904	Same
C513	136	905	Same
C514	137	906	Same
C517	135	908	Same
C523	162	926	Same
C524	170	927	Same
C525	172	928	Same
C526	165	929	Same
C527	169	930	Same
C530	163	932	Same
C531	193	486	Same
C537	195	949	Same
C538	199	950	Same
C539	200	951	Same
C540	197	952	Same
C541	198	953	Same
C544	196	955	Same
C545	223	519	Same
C551	225	971	Same
C552	229	972	Same
C553	230	973	Same
C554	227	974	Same
C555	228	975	Same
C558	226	977	Same
C559	264	624	Same
C565	266	993	Same
C566	270	994	Same
C567	271	995	Same
C568	268	996	Same
C569	269	997	Same
C572	267	999	Same

Table 1.5 - Column Connectivity Data (continued)

Column	I-End Point	J-End Point	I-End Story
C573	292	639	Same
C579	294	1015	Same
C580	298	1016	Same
C581	300	1017	Same
C582	296	1018	Same
C583	297	1019	Same
C586	295	1021	Same
C5	132	2	Same
C13	131	4	Same
C16	130	5	Same
C19	129	6	Same
C20	128	7	Same
C22	12	8	Same
C26	113	10	Same
C28	114	11	Same
C32	117	13	Same
C35	118	14	Same
C37	119	15	Same
C39	120	16	Same
C71	121	23	Same
C74	122	24	Same
C76	123	25	Same
C79	124	26	Same
C82	125	27	Same
C84	126	28	Same
C87	127	29	Same
C90	133	30	Same
C92	134	31	Same
C94	142	32	Same
C95	143	33	Same
C102	144	38	Same
C104	145	39	Same
C107	146	40	Same
C110	164	41	Same
C112	166	42	Same
C163	3	891	Same
C165	99	907	Same
C167	149	931	Same
C169	178	954	Same
C171	206	976	Same
C173	240	998	Same
C175	280	1020	Same
C9	21	877	Same
C12	22	878	Same
C17	34	879	Same

Table 1.5 - Column Connectivity Data (continued)

Column	I-End Point	J-End Point	I-End Story
C21	35	880	Same
C24	37	894	Same
C25	44	895	Same
C27	79	896	Same
C29	100	897	Same
C30	36	893	Same
C33	141	918	Same
C34	147	919	Same
C36	148	920	Same
C38	150	921	Same
C40	104	917	Same
C42	152	941	Same
C43	153	942	Same
C44	154	943	Same
C46	155	944	Same
C47	151	940	Same
C48	157	963	Same
C50	158	964	Same
C51	159	965	Same
C52	167	966	Same
C54	156	962	Same
C55	173	985	Same
C56	174	986	Same
C58	175	987	Same
C59	176	988	Same
C60	168	984	Same
C62	179	1007	Same
C63	180	1008	Same
C64	181	1009	Same
C66	182	1010	Same
C67	177	1006	Same
C68	188	69	Same
C70	203	76	Same
C72	185	52	Same
C75	211	96	Same
C78	215	108	Same
C80	216	109	Same
C83	9	1	Same
C86	183	47	Same
C88	184	48	Same
C91	186	53	Same
C96	187	54	Same
C98	189	70	Same
C99	190	71	Same
C100	191	72	Same

Table 1.5 - Column Connectivity Data (continued)

Column	I-End Point	J-End Point	I-End Story
C103	192	73	Same
C106	201	74	Same
C108	202	75	Same
C111	204	77	Same
C114	205	78	Same
C177	207	80	Same
C179	208	81	Same
C181	209	82	Same
C183	210	83	Same
C185	212	97	Same
C186	213	98	Same
C187	214	101	Same
C188	217	111	Same
C189	218	112	Same
C190	219	140	Same

Table 1.6 - Beam Connectivity Data

Beam	I-End Point	J-End Point	Curve Type
B1097	1067	1068	None
B1098	1068	1069	None
B1099	1069	1070	None
B1100	1070	1071	None
B1101	1071	1072	None
B1102	1072	1073	None
B1105	1074	1075	None
B1106	1075	1076	None
B1107	1076	1077	None
B1108	1077	1078	None
B1109	1078	1079	None
B1110	1079	1080	None
B1113	1081	1082	None
B1114	1082	1083	None
B1115	1083	1084	None
B1116	1084	1085	None
B1117	1085	1086	None
B1118	1086	1087	None
B1121	1088	1089	None
B1122	1089	1090	None
B1123	1090	1091	None
B1124	1091	1092	None
B1125	1092	1093	None
B1126	1093	1094	None
B1447	1474	1475	None
B1450	1476	1477	None

Table 1.6 - Beam Connectivity Data (continued)

Beam	I-End Point	J-End Point	Curve Type
B1451	1477	1478	None
B1454	1479	1480	None
B1455	1480	1481	None
B1456	1481	1482	None
B1459	1483	1484	None
B1460	1484	1485	None
B1461	1485	1486	None
B1462	1486	1487	None
B1499	1517	1518	None
B1508	1523	1524	None
B1509	1524	1525	None
B1520	1532	1533	None
B1521	1533	1534	None
B1522	1534	1535	None
B1535	1544	1545	None
B1536	1545	1546	None
B1537	1546	1547	None
B1538	1547	1548	None
B27	3	89	None
B98	89	87	None
B115	87	90	None
B116	90	91	None
B117	91	88	None
B118	88	93	None
B119	93	94	None
B120	94	85	None
B146	99	135	None
B147	135	115	None
B154	115	136	None
B159	136	137	None
B164	137	116	None
B165	116	138	None
B174	138	139	None
B175	139	110	None
B182	149	163	None
B183	163	161	None
B184	161	165	None
B185	165	169	None
B186	169	162	None
B187	162	170	None
B188	170	172	None
B189	172	160	None
B212	178	196	None
B213	196	194	None
B214	194	197	None

Table 1.6 - Beam Connectivity Data (continued)

Beam	I-End Point	J-End Point	Curve Type
B215	197	198	None
B216	198	195	None
B217	195	199	None
B218	199	200	None
B219	200	193	None
B226	206	226	None
B235	226	224	None
B236	224	227	None
B237	227	228	None
B238	228	225	None
B239	225	229	None
B240	229	230	None
B241	230	223	None
B248	240	267	None
B249	267	265	None
B250	265	268	None
B251	268	269	None
B252	269	266	None
B253	266	270	None
B254	270	271	None
B255	271	264	None
B262	280	295	None
B263	295	293	None
B264	293	296	None
B265	296	297	None
B266	297	294	None
B267	294	298	None
B268	298	300	None
B269	300	292	None
B404	479	1067	None
B405	1073	484	None
B406	484	1074	None
B407	1080	517	None
B408	481	1081	None
B409	1087	486	None
B410	486	1088	None
B411	1094	519	None
B446	591	1474	None
B447	1475	559	None
B448	559	1476	None
B449	1478	479	None
B450	517	1479	None
B451	1482	616	None
B452	616	1483	None
B453	1487	637	None

Table 1.6 - Beam Connectivity Data (continued)

Beam	I-End Point	J-End Point	Curve Type
B464	593	1517	None
B465	1518	566	None
B469	566	1523	None
B470	1525	481	None
B497	519	1532	None
B498	1535	624	None
B503	624	1544	None
B504	1548	639	None
B3	3	132	None
B4	132	131	None
B5	131	99	None
B7	130	129	None
B8	129	128	None
B9	128	149	None
B10	149	12	None
B11	12	113	None
B12	113	114	None
B13	114	117	None
B14	117	118	None
B15	118	119	None
B16	119	120	None
B17	120	178	None
B18	178	121	None
B19	121	122	None
B20	122	123	None
B21	123	124	None
B22	124	125	None
B23	125	126	None
B24	126	127	None
B25	127	206	None
B26	206	133	None
B28	133	134	None
B29	134	142	None
B30	142	143	None
B31	143	240	None
B32	240	144	None
B33	144	145	None
B34	145	146	None
B35	146	164	None
B36	164	166	None
B37	166	280	None
B72	87	835	None
B73	835	834	None
B74	834	115	None
B75	115	833	None

Table 1.6 - Beam Connectivity Data (continued)

Beam	I-End Point	J-End Point	Curve Type
B76	833	832	None
B77	832	831	None
B78	831	161	None
B79	161	245	None
B80	245	354	None
B81	354	411	None
B82	411	413	None
B83	413	415	None
B84	415	416	None
B85	416	437	None
B86	437	194	None
B87	194	441	None
B88	441	442	None
B89	442	452	None
B90	452	827	None
B91	827	828	None
B92	828	829	None
B93	829	830	None
B94	830	224	None
B95	224	836	None
B96	836	837	None
B97	837	838	None
B99	838	839	None
B100	839	265	None
B101	265	840	None
B102	840	841	None
B103	841	842	None
B104	842	843	None
B105	843	844	None
B106	844	293	None
B204	85	487	None
B205	487	471	None
B206	471	110	None
B208	110	470	None
B220	470	451	None
B227	451	450	None
B228	450	160	None
B229	160	43	None
B230	43	432	None
B231	432	435	None
B232	435	440	None
B233	440	444	None
B234	444	446	None
B242	446	448	None
B256	448	193	None

Table 1.6 - Beam Connectivity Data (continued)

Beam	I-End Point	J-End Point	Curve Type
B270	193	171	None
B284	171	434	None
B285	434	439	None
B286	439	443	None
B287	443	445	None
B288	445	447	None
B289	447	449	None
B290	449	223	None
B291	223	488	None
B292	488	489	None
B306	489	490	None
B313	490	491	None
B314	491	264	None
B317	264	492	None
B318	492	493	None
B319	493	494	None
B320	494	495	None
B321	495	496	None
B322	496	292	None
B781	593	877	None
B782	877	878	None
B783	878	879	None
B804	879	880	None
B805	880	1	None
B825	593	888	None
B826	888	887	None
B827	887	886	None
B828	591	889	None
B829	889	890	None
B840	890	886	None
B841	591	892	None
B842	892	891	None
B844	566	894	None
B845	894	895	None
B858	895	896	None
B859	896	897	None
B860	897	893	None
B887	566	904	None
B888	904	903	None
B889	903	902	None
B890	559	905	None
B891	905	906	None
B892	906	902	None
B917	559	908	None
B918	908	907	None

Table 1.6 - Beam Connectivity Data (continued)

Beam	I-End Point	J-End Point	Curve Type
B920	481	918	None
B921	918	919	None
B922	919	920	None
B923	920	921	None
B938	921	917	None
B956	481	928	None
B957	928	927	None
B958	927	926	None
B959	479	929	None
B960	929	930	None
B961	930	926	None
B962	479	932	None
B1029	932	931	None
B1031	486	941	None
B1032	941	942	None
B1033	942	943	None
B1034	943	944	None
B1035	944	940	None
B1041	486	951	None
B1042	951	950	None
B1043	950	949	None
B1044	484	952	None
B1045	952	953	None
B1046	953	949	None
B1047	484	955	None
B1048	955	954	None
B1050	519	963	None
B1051	963	964	None
B1052	964	965	None
B1053	965	966	None
B1054	966	962	None
B1060	519	973	None
B1061	973	972	None
B1062	972	971	None
B1063	517	974	None
B1064	974	975	None
B1065	975	971	None
B1066	517	977	None
B1067	977	976	None
B1069	624	985	None
B1070	985	986	None
B1071	986	987	None
B1072	987	988	None
B1073	988	984	None
B1079	624	995	None

Table 1.6 - Beam Connectivity Data (continued)

Beam	I-End Point	J-End Point	Curve Type
B1080	995	994	None
B1087	994	993	None
B1088	616	996	None
B1095	996	997	None
B1096	997	993	None
B1103	616	999	None
B1104	999	998	None
B1112	639	1007	None
B1119	1007	1008	None
B1120	1008	1009	None
B1127	1009	1010	None
B1128	1010	1006	None
B1146	639	1017	None
B1147	1017	1016	None
B1148	1016	1015	None
B1149	637	1018	None
B1150	1018	1019	None
B1151	1019	1015	None
B1152	637	1021	None
B1153	1021	1020	None
B1268	880	897	None
B1269	897	921	None
B1270	921	944	None
B1271	944	966	None
B1272	966	988	None
B1273	988	1010	None
B1274	879	896	None
B1275	896	920	None
B1276	920	943	None
B1277	943	965	None
B1278	965	987	None
B1279	987	1009	None
B1280	878	895	None
B1281	895	919	None
B1282	919	942	None
B1283	942	964	None
B1284	964	986	None
B1285	986	1008	None
B1286	877	894	None
B1287	894	918	None
B1288	918	941	None
B1289	941	963	None
B1290	963	985	None
B1291	985	1007	None
B1292	888	904	None

Table 1.6 - Beam Connectivity Data (continued)

Beam	I-End Point	J-End Point	Curve Type
B1293	904	928	None
B1294	928	951	None
B1295	951	973	None
B1296	973	995	None
B1297	995	1017	None
B1298	887	903	None
B1299	903	927	None
B1300	927	950	None
B1301	950	972	None
B1302	972	994	None
B1303	994	1016	None
B1304	886	902	None
B1305	902	926	None
B1306	926	949	None
B1307	949	971	None
B1308	971	993	None
B1309	993	1015	None
B1310	890	906	None
B1311	906	930	None
B1312	930	953	None
B1313	953	975	None
B1314	975	997	None
B1315	997	1019	None
B1316	889	905	None
B1317	905	929	None
B1318	929	952	None
B1319	952	974	None
B1320	974	996	None
B1321	996	1018	None
B1322	892	908	None
B1323	908	932	None
B1324	932	955	None
B1325	955	977	None
B1326	977	999	None
B1327	999	1021	None
B39	891	2	None
B43	2	4	None
B46	8	10	None
B47	10	11	None
B48	11	13	None
B49	13	14	None
B50	14	15	None
B51	15	16	None
B54	23	24	None
B55	24	25	None

Table 1.6 - Beam Connectivity Data (continued)

Beam	I-End Point	J-End Point	Curve Type
B56	25	26	None
B57	26	27	None
B58	27	28	None
B59	28	29	None
B64	38	39	None
B65	39	40	None
B66	40	41	None
B67	41	42	None
B68	42	1020	None
B69	30	31	None
B70	31	32	None
B71	32	33	None
B108	16	954	None
B109	954	23	None
B110	5	6	None
B111	6	7	None
B114	7	931	None
B121	931	8	None
B138	1	47	None
B139	47	48	None
B140	48	893	None
B145	893	52	None
B148	52	53	None
B149	53	54	None
B150	54	917	None
B178	917	69	None
B179	69	70	None
B180	70	71	None
B181	71	72	None
B190	72	73	None
B191	73	74	None
B192	74	75	None
B193	75	940	None
B194	940	76	None
B195	76	77	None
B196	77	78	None
B197	78	80	None
B198	80	81	None
B199	81	82	None
B200	82	83	None
B201	83	962	None
B261	962	96	None
B271	96	97	None
B272	97	98	None
B273	98	101	None

Table 1.6 - Beam Connectivity Data (continued)

Beam	I-End Point	J-End Point	Curve Type
B274	101	984	None
B294	984	108	None
B295	108	109	None
B296	109	111	None
B297	111	112	None
B298	112	140	None
B299	140	1006	None
B38	85	21	None
B40	21	22	None
B41	22	34	None
B42	34	35	None
B45	35	9	None
B52	110	37	None
B53	37	44	None
B60	44	79	None
B62	79	100	None
B63	100	36	None
B112	160	141	None
B113	141	147	None
B122	147	148	None
B123	148	150	None
B124	150	104	None
B125	193	152	None
B126	152	153	None
B127	153	154	None
B128	154	155	None
B129	155	151	None
B130	223	157	None
B131	157	158	None
B132	158	159	None
B133	159	167	None
B134	167	156	None
B202	264	173	None
B203	173	174	None
B315	174	175	None
B316	175	176	None
B323	176	168	None
B324	292	179	None
B325	179	180	None
B326	180	181	None
B327	181	182	None
B328	182	177	None
B335	9	183	None
B336	183	184	None
B337	184	36	None

Table 1.6 - Beam Connectivity Data (continued)

Beam	I-End Point	J-End Point	Curve Type
B338	36	185	None
B339	185	186	None
B340	186	187	None
B341	187	104	None
B342	104	188	None
B343	188	189	None
B344	189	190	None
B345	190	191	None
B346	191	192	None
B347	192	201	None
B348	201	202	None
B349	202	151	None
B350	151	203	None
B351	203	204	None
B352	204	205	None
B353	205	207	None
B354	207	208	None
B355	208	209	None
B356	209	210	None
B357	210	156	None
B358	156	211	None
B359	211	212	None
B360	212	213	None
B361	213	214	None
B362	214	168	None
B363	168	215	None
B364	215	216	None
B365	216	217	None
B366	217	218	None
B367	218	219	None
B368	219	177	None
B1	4	907	None
B2	907	5	None
B135	33	998	None
B136	998	38	None
B137	29	976	None
B141	976	30	None

Table 1.7 - Brace Connectivity Data

Brace	I-End Point	J-End Point	I-End Story
D224	89	591	Same
D225	90	591	Same
D228	94	593	Same
D236	135	559	Same

Table 1.7 - Brace Connectivity Data (continued)

Brace	I-End Point	J-End Point	I-End Story
D237	136	559	Same
D240	139	566	Same
D248	163	479	Same
D249	165	479	Same
D252	172	481	Same
D260	196	484	Same
D261	197	484	Same
D264	200	486	Same
D272	226	517	Same
D273	227	517	Same
D276	230	519	Same
D284	267	616	Same
D285	268	616	Same
D288	271	624	Same
D296	295	637	Same
D297	296	637	Same
D300	300	639	Same
D69	835	1475	Same
D70	834	559	Same
D71	832	1476	Same
D72	831	1477	Same
D73	161	1478	Same
D74	245	1068	Same
D75	354	1069	Same
D76	411	1070	Same
D77	413	1071	Same
D78	415	1072	Same
D79	416	1073	Same
D80	437	484	Same
D81	442	1074	Same
D82	452	1075	Same
D83	827	1076	Same
D84	828	1077	Same
D85	829	1078	Same
D86	830	1079	Same
D87	224	1080	Same
D88	836	1480	Same
D89	837	1481	Same
D90	838	1482	Same
D91	839	616	Same
D92	841	1483	Same
D93	842	1484	Same
D94	843	1485	Same
D95	844	1486	Same
D96	293	1487	Same

Table 1.7 - Brace Connectivity Data (continued)

Brace	I-End Point	J-End Point	I-End Story
D128	161	1067	Same
D129	441	484	Same
D139	833	559	Same
D140	87	1474	Same
D141	224	1479	Same
D142	840	616	Same
D149	487	1518	Same
D150	471	566	Same
D151	451	1523	Same
D152	450	1524	Same
D153	160	1525	Same
D154	43	1082	Same
D155	432	1083	Same
D156	435	1084	Same
D157	440	1085	Same
D158	444	1086	Same
D159	446	1087	Same
D160	448	486	Same
D161	434	1088	Same
D162	439	1089	Same
D163	443	1090	Same
D164	445	1091	Same
D165	447	1092	Same
D166	449	1093	Same
D167	223	1094	Same
D168	488	1533	Same
D169	489	1534	Same
D170	490	1535	Same
D171	491	624	Same
D172	493	1544	Same
D179	494	1545	Same
D180	495	1546	Same
D181	496	1547	Same
D182	292	1548	Same
D394	160	1081	Same
D395	171	486	Same
D396	470	566	Same
D397	85	1517	Same
D398	223	1532	Same
D399	492	624	Same
D202	3	892	Same
D203	91	889	Same
D204	88	890	Same
D205	93	888	Same
D206	88	887	Same

Table 1.7 - Brace Connectivity Data (continued)

Brace	I-End Point	J-End Point	I-End Story
D211	99	908	Same
D212	137	905	Same
D213	116	906	Same
D214	138	904	Same
D215	116	903	Same
D220	149	932	Same
D221	169	929	Same
D405	162	930	Same
D406	170	928	Same
D407	162	927	Same
D412	178	955	Same
D413	198	952	Same
D414	195	953	Same
D415	199	951	Same
D416	195	950	Same
D421	206	977	Same
D422	228	974	Same
D423	225	975	Same
D424	229	973	Same
D425	225	972	Same
D430	240	999	Same
D431	269	996	Same
D432	266	997	Same
D433	270	995	Same
D434	266	994	Same
D439	280	1021	Same
D440	297	1018	Same
D441	294	1019	Same
D442	298	1017	Same
D443	294	1016	Same
D14	132	4	Same
D15	131	907	Same
D16	129	5	Same
D17	128	6	Same
D18	149	7	Same
D19	12	10	Same
D20	113	11	Same
D21	114	13	Same
D22	117	14	Same
D23	118	15	Same
D24	119	16	Same
D25	120	954	Same
D40	122	23	Same
D41	123	24	Same
D42	124	25	Same

Table 1.7 - Brace Connectivity Data (continued)

Brace	I-End Point	J-End Point	I-End Story
D43	125	26	Same
D44	126	27	Same
D45	127	28	Same
D46	206	29	Same
D47	133	31	Same
D48	134	32	Same
D49	142	33	Same
D50	143	998	Same
D51	145	38	Same
D52	146	39	Same
D53	164	40	Same
D54	166	41	Same
D55	280	42	Same
D56	149	8	Same
D57	121	954	Same
D58	130	907	Same
D59	3	2	Same
D60	206	30	Same
D61	144	998	Same
D1	37	566	Same
D2	44	894	Same
D3	79	895	Same
D4	100	896	Same
D5	36	897	Same
D6	141	481	Same
D7	147	918	Same
D8	148	919	Same
D9	150	920	Same
D10	104	921	Same
D11	152	486	Same
D12	153	941	Same
D13	154	942	Same
D26	155	943	Same
D27	151	944	Same
D28	157	519	Same
D29	158	963	Same
D30	159	964	Same
D31	167	965	Same
D32	156	966	Same
D33	173	624	Same
D34	174	985	Same
D35	175	986	Same
D36	176	987	Same
D37	168	988	Same
D38	179	639	Same

Table 1.7 - Brace Connectivity Data (continued)

Brace	I-End Point	J-End Point	I-End Story
D39	180	1007	Same
D62	181	1008	Same
D63	182	1009	Same
D64	177	1010	Same
D65	104	69	Same
D66	203	940	Same
D67	185	893	Same
D68	9	47	Same
D97	156	96	Same
D98	215	984	Same
D99	188	70	Same
D100	216	108	Same
D101	21	593	Same
D102	22	877	Same
D103	34	878	Same
D104	35	879	Same
D105	9	880	Same
D106	183	48	Same
D107	184	893	Same
D108	186	52	Same
D109	187	53	Same
D110	104	54	Same
D111	189	71	Same
D112	190	72	Same
D113	191	73	Same
D114	192	74	Same
D115	201	75	Same
D116	202	940	Same
D117	204	76	Same
D118	205	77	Same
D119	207	78	Same
D120	208	80	Same
D121	209	81	Same
D122	210	82	Same
D123	156	83	Same
D124	211	97	Same
D125	212	98	Same
D126	213	101	Same
D127	214	984	Same
D130	217	109	Same
D131	218	111	Same
D132	219	112	Same
D133	177	140	Same
D136	229	19	Same
D137	229	20	Same

Table 1.7 - Brace Connectivity Data (continued)

Brace	I-End Point	J-End Point	I-End Story
D174	270	66	Same
D176	199	64	Same
D178	170	62	Same
D184	138	60	Same
D186	93	58	Same
D188	138	59	Same
D190	170	61	Same
D192	199	63	Same
D194	270	65	Same
D196	298	67	Same
D134	471	17	Same
D135	471	50	Same
D146	834	55	Same
D147	834	51	Same
D199	37	222	Same
D201	141	232	Same
D208	152	234	Same
D210	157	236	Same
D217	173	238	Same
D219	179	241	Same
D223	21	221	Same
D227	37	231	Same
D230	141	233	Same
D232	152	235	Same
D234	157	237	Same
D238	173	239	Same
D175	131	55	Same
D148	185	56	Same
D177	451	68	Same
D183	451	57	Same
D185	832	86	Same
D187	832	84	Same
D138	129	86	Same
D143	18	45	Same

2 Properties

This chapter provides property information for materials, frame sections, shell sections, and links.

2.1 Materials

Table 2.1 - Material Properties - Summary

Name	Type	E MPa	v	Unit Weight kN/m³	Design Strengths
A500 Gr C	Steel	200000	0.3	76.9729	Fy=350 MPa, Fu=435 MPa
A615Gr60	Rebar	199948	0	76.9729	Fy=413.69 MPa, Fu=620.53 MPa
A653SQGr50	ColdFormed	203395.36	0.3	76.9729	Fy=344.74 MPa, Fu=448.16 MPa

2.2 Frame Sections

Table 2.2 - Frame Sections - Summary

Name	Material	Shape
100X50X2MM	A500 Gr C	Steel Tube
150X100X4	A500 Gr C	Steel Tube
150X100X6	A500 Gr C	Steel Tube
60x40x2	A500 Gr C	Steel Tube
90X50X3	A500 Gr C	Steel Tube
CORREAS	A653SQGr50	Steel Tube

3 Assignments

This chapter provides a listing of the assignments applied to the model.

3.1 Joint Assignments

Table 3.1 - Joint Assignments - Summary

Story	Label	Unique Name	Diaphragm	Restraints
Story1	3	50	From Area	
Story1	85	89	From Area	
Story1	87	90	From Area	
Story1	88	1013	From Area	
Story1	89	1014	From Area	
Story1	90	1021	From Area	
Story1	91	1022	From Area	
Story1	93	1023	From Area	
Story1	94	1024	From Area	
Story1	99	101	From Area	
Story1	110	118	From Area	UX; UY; UZ
Story1	115	119	From Area	UZ
Story1	116	1087	From Area	
Story1	135	1088	From Area	
Story1	136	1092	From Area	
Story1	137	1093	From Area	
Story1	138	1094	From Area	
Story1	139	1099	From Area	
Story1	149	130	From Area	
Story1	160	141	From Area	UX; UY; UZ
Story1	161	142	From Area	UZ
Story1	162	1254	From Area	
Story1	163	1255	From Area	
Story1	165	1256	From Area	
Story1	169	1257	From Area	
Story1	170	1258	From Area	
Story1	172	1259	From Area	
Story1	178	162	From Area	
Story1	193	174	From Area	UX; UY; UZ
Story1	194	176	From Area	UZ
Story1	195	1298	From Area	
Story1	196	1299	From Area	
Story1	197	1300	From Area	
Story1	198	1301	From Area	
Story1	199	1302	From Area	
Story1	200	1303	From Area	
Story1	206	188	From Area	
Story1	223	207	From Area	UX; UY; UZ
Story1	224	208	From Area	UZ
Story1	225	1342	From Area	
Story1	226	1343	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	Unique Name	Diaphragm	Restraints
Story1	227	1344	From Area	
Story1	228	1345	From Area	
Story1	229	1346	From Area	
Story1	230	1347	From Area	
Story1	240	232	From Area	
Story1	264	243	From Area	UX; UY; UZ
Story1	265	244	From Area	UZ
Story1	266	1386	From Area	
Story1	267	1387	From Area	
Story1	268	1388	From Area	
Story1	269	1389	From Area	
Story1	270	1390	From Area	
Story1	271	1391	From Area	
Story1	280	255	From Area	
Story1	292	267	From Area	UX; UY; UZ
Story1	293	268	From Area	UZ
Story1	294	1430	From Area	
Story1	295	1431	From Area	
Story1	296	1432	From Area	
Story1	297	1433	From Area	
Story1	298	1434	From Area	
Story1	300	1435	From Area	
Story1	479	344	From Area	
Story1	481	352	From Area	
Story1	484	397	From Area	
Story1	486	403	From Area	
Story1	517	550	From Area	
Story1	519	557	From Area	
Story1	559	211	From Area	
Story1	566	223	From Area	
Story1	591	364	From Area	
Story1	593	366	From Area	
Story1	616	415	From Area	
Story1	624	417	From Area	
Story1	637	447	From Area	
Story1	639	449	From Area	
Story1	12	1	From Area	
Story1	113	2	From Area	
Story1	114	3	From Area	
Story1	117	4	From Area	
Story1	118	5	From Area	
Story1	119	6	From Area	
Story1	120	7	From Area	
Story1	121	17	From Area	
Story1	122	19	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	Unique Name	Diaphragm	Restraints
Story1	123	21	From Area	
Story1	124	23	From Area	
Story1	125	25	From Area	
Story1	126	27	From Area	
Story1	127	363	From Area	
Story1	128	509	From Area	
Story1	129	510	From Area	
Story1	130	511	From Area	
Story1	131	512	From Area	
Story1	132	513	From Area	
Story1	133	514	From Area	
Story1	134	518	From Area	
Story1	142	519	From Area	
Story1	143	520	From Area	
Story1	144	521	From Area	
Story1	145	522	From Area	
Story1	146	527	From Area	
Story1	164	528	From Area	
Story1	166	529	From Area	
Story1	245	227	From Area	
Story1	354	306	From Area	
Story1	411	570	From Area	
Story1	413	571	From Area	
Story1	415	572	From Area	
Story1	416	573	From Area	
Story1	437	574	From Area	
Story1	441	575	From Area	
Story1	442	576	From Area	
Story1	452	577	From Area	
Story1	827	578	From Area	
Story1	828	579	From Area	
Story1	829	580	From Area	
Story1	830	581	From Area	
Story1	831	582	From Area	
Story1	832	583	From Area	
Story1	833	701	From Area	
Story1	834	702	From Area	
Story1	835	703	From Area	
Story1	836	704	From Area	
Story1	837	705	From Area	
Story1	838	706	From Area	
Story1	839	707	From Area	
Story1	840	708	From Area	
Story1	841	709	From Area	
Story1	842	710	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	Unique Name	Diaphragm	Restraints
Story1	843	721	From Area	
Story1	844	722	From Area	
Story1	43	627	From Area	
Story1	171	628	From Area	
Story1	432	629	From Area	
Story1	434	630	From Area	
Story1	435	631	From Area	
Story1	439	632	From Area	
Story1	440	633	From Area	
Story1	443	634	From Area	
Story1	444	635	From Area	
Story1	445	636	From Area	
Story1	446	637	From Area	
Story1	447	638	From Area	
Story1	448	639	From Area	
Story1	449	640	From Area	
Story1	450	768	From Area	
Story1	451	769	From Area	
Story1	470	770	From Area	
Story1	471	771	From Area	
Story1	487	772	From Area	
Story1	488	773	From Area	
Story1	489	774	From Area	
Story1	490	775	From Area	
Story1	491	776	From Area	
Story1	492	777	From Area	
Story1	493	778	From Area	
Story1	494	779	From Area	
Story1	495	780	From Area	
Story1	496	781	From Area	
Story1	1	1035	From Area	
Story1	877	1036	From Area	
Story1	878	1037	From Area	
Story1	879	1043	From Area	
Story1	880	1044	From Area	
Story1	886	1056	From Area	
Story1	887	1057	From Area	
Story1	888	1058	From Area	
Story1	889	1059	From Area	
Story1	890	1060	From Area	
Story1	891	1061	From Area	
Story1	892	1062	From Area	
Story1	893	1108	From Area	
Story1	894	1109	From Area	
Story1	895	1110	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	Unique Name	Diaphragm	Restraints
Story1	896	1116	From Area	
Story1	897	1117	From Area	
Story1	902	1128	From Area	
Story1	903	1129	From Area	
Story1	904	1130	From Area	
Story1	905	1137	From Area	
Story1	906	1138	From Area	
Story1	907	1139	From Area	
Story1	908	1140	From Area	
Story1	917	1264	From Area	
Story1	918	1265	From Area	
Story1	919	1266	From Area	
Story1	920	1267	From Area	
Story1	921	1268	From Area	
Story1	926	1274	From Area	
Story1	927	1275	From Area	
Story1	928	1276	From Area	
Story1	929	1277	From Area	
Story1	930	1278	From Area	
Story1	931	1279	From Area	
Story1	932	1280	From Area	
Story1	940	1308	From Area	
Story1	941	1309	From Area	
Story1	942	1310	From Area	
Story1	943	1311	From Area	
Story1	944	1312	From Area	
Story1	949	1318	From Area	
Story1	950	1319	From Area	
Story1	951	1320	From Area	
Story1	952	1321	From Area	
Story1	953	1322	From Area	
Story1	954	1323	From Area	
Story1	955	1324	From Area	
Story1	962	1352	From Area	
Story1	963	1353	From Area	
Story1	964	1354	From Area	
Story1	965	1355	From Area	
Story1	966	1356	From Area	
Story1	971	1362	From Area	
Story1	972	1363	From Area	
Story1	973	1364	From Area	
Story1	974	1365	From Area	
Story1	975	1366	From Area	
Story1	976	1367	From Area	
Story1	977	1368	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	Unique Name	Diaphragm	Restraints
Story1	984	1396	From Area	
Story1	985	1397	From Area	
Story1	986	1398	From Area	
Story1	987	1399	From Area	
Story1	988	1400	From Area	
Story1	993	1406	From Area	
Story1	994	1407	From Area	
Story1	995	1408	From Area	
Story1	996	1409	From Area	
Story1	997	1410	From Area	
Story1	998	1411	From Area	
Story1	999	1412	From Area	
Story1	1006	1440	From Area	
Story1	1007	1441	From Area	
Story1	1008	1442	From Area	
Story1	1009	1443	From Area	
Story1	1010	1444	From Area	
Story1	1015	1450	From Area	
Story1	1016	1451	From Area	
Story1	1017	1452	From Area	
Story1	1018	1453	From Area	
Story1	1019	1454	From Area	
Story1	1020	1455	From Area	
Story1	1021	1456	From Area	
Story1	2	8	From Area	
Story1	4	9	From Area	
Story1	5	10	From Area	
Story1	6	11	From Area	
Story1	7	12	From Area	
Story1	8	13	From Area	
Story1	10	14	From Area	
Story1	11	15	From Area	
Story1	13	16	From Area	
Story1	14	18	From Area	
Story1	15	20	From Area	
Story1	16	22	From Area	
Story1	23	32	From Area	
Story1	24	33	From Area	
Story1	25	34	From Area	
Story1	26	35	From Area	
Story1	27	36	From Area	
Story1	28	37	From Area	
Story1	29	38	From Area	
Story1	30	39	From Area	
Story1	31	40	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	Unique Name	Diaphragm	Restraints
Story1	32	41	From Area	
Story1	33	42	From Area	
Story1	38	47	From Area	
Story1	39	48	From Area	
Story1	40	49	From Area	
Story1	41	51	From Area	
Story1	42	52	From Area	
Story1	47	56	From Area	
Story1	48	57	From Area	
Story1	52	61	From Area	
Story1	53	62	From Area	
Story1	54	63	From Area	
Story1	69	78	From Area	
Story1	70	79	From Area	
Story1	71	80	From Area	
Story1	72	81	From Area	
Story1	73	82	From Area	
Story1	74	83	From Area	
Story1	75	84	From Area	
Story1	76	85	From Area	
Story1	77	86	From Area	
Story1	78	87	From Area	
Story1	80	88	From Area	
Story1	81	91	From Area	
Story1	82	92	From Area	
Story1	83	93	From Area	
Story1	96	98	From Area	
Story1	97	99	From Area	
Story1	98	100	From Area	
Story1	101	102	From Area	
Story1	108	108	From Area	
Story1	109	109	From Area	
Story1	111	110	From Area	
Story1	112	111	From Area	
Story1	140	112	From Area	
Story1	9	24	From Area	
Story1	21	31	From Area	
Story1	22	43	From Area	
Story1	34	44	From Area	
Story1	35	45	From Area	
Story1	36	46	From Area	
Story1	37	53	From Area	
Story1	44	113	From Area	
Story1	79	114	From Area	
Story1	100	115	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	Unique Name	Diaphragm	Restraints
Story1	104	116	From Area	
Story1	141	117	From Area	
Story1	147	120	From Area	
Story1	148	121	From Area	
Story1	150	122	From Area	
Story1	151	123	From Area	
Story1	152	124	From Area	
Story1	153	125	From Area	
Story1	154	126	From Area	
Story1	155	127	From Area	
Story1	156	128	From Area	
Story1	157	129	From Area	
Story1	158	131	From Area	
Story1	159	132	From Area	
Story1	167	133	From Area	
Story1	168	134	From Area	
Story1	173	135	From Area	
Story1	174	136	From Area	
Story1	175	137	From Area	
Story1	176	138	From Area	
Story1	177	139	From Area	
Story1	179	140	From Area	
Story1	180	143	From Area	
Story1	181	144	From Area	
Story1	182	145	From Area	
Story1	183	146	From Area	
Story1	184	147	From Area	
Story1	185	148	From Area	
Story1	186	149	From Area	
Story1	187	150	From Area	
Story1	188	151	From Area	
Story1	189	152	From Area	
Story1	190	153	From Area	
Story1	191	154	From Area	
Story1	192	155	From Area	
Story1	201	156	From Area	
Story1	202	157	From Area	
Story1	203	158	From Area	
Story1	204	159	From Area	
Story1	205	160	From Area	
Story1	207	161	From Area	
Story1	208	163	From Area	
Story1	209	164	From Area	
Story1	210	165	From Area	
Story1	211	166	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	Unique Name	Diaphragm	Restraints
Story1	212	167	From Area	
Story1	213	168	From Area	
Story1	214	169	From Area	
Story1	215	170	From Area	
Story1	216	171	From Area	
Story1	217	172	From Area	
Story1	218	173	From Area	
Story1	219	175	From Area	
Story1	19	29	From Area	
Story1	20	30	From Area	
Story1	58	67	From Area	
Story1	59	68	From Area	
Story1	60	69	From Area	
Story1	61	70	From Area	
Story1	62	71	From Area	
Story1	63	72	From Area	
Story1	64	73	From Area	
Story1	65	74	From Area	
Story1	66	75	From Area	
Story1	67	76	From Area	
Story1	17	26	From Area	
Story1	50	59	From Area	
Story1	51	55	From Area	
Story1	55	58	From Area	
Story1	221	178	From Area	
Story1	222	179	From Area	
Story1	231	180	From Area	
Story1	232	181	From Area	
Story1	233	182	From Area	
Story1	234	183	From Area	
Story1	235	184	From Area	
Story1	236	185	From Area	
Story1	237	186	From Area	
Story1	238	187	From Area	
Story1	239	189	From Area	
Story1	241	190	From Area	
Story1	56	64	From Area	
Story1	57	65	From Area	
Story1	68	66	From Area	
Story1	84	94	From Area	
Story1	86	95	From Area	
Story1	18	28	From Area	
Story1	45	54	From Area	
NE+7.48	1067	613	From Area	
NE+7.48	1068	614	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	Unique Name	Diaphragm	Restraints
NE+7.48	1069	615	From Area	
NE+7.48	1070	616	From Area	
NE+7.48	1071	617	From Area	
NE+7.48	1072	618	From Area	
NE+7.48	1073	619	From Area	
NE+7.48	1074	620	From Area	
NE+7.48	1075	621	From Area	
NE+7.48	1076	622	From Area	
NE+7.48	1077	623	From Area	
NE+7.48	1078	624	From Area	
NE+7.48	1079	625	From Area	
NE+7.48	1080	626	From Area	
NE+7.48	1081	641	From Area	
NE+7.48	1082	642	From Area	
NE+7.48	1083	643	From Area	
NE+7.48	1084	644	From Area	
NE+7.48	1085	645	From Area	
NE+7.48	1086	646	From Area	
NE+7.48	1087	647	From Area	
NE+7.48	1088	648	From Area	
NE+7.48	1089	649	From Area	
NE+7.48	1090	650	From Area	
NE+7.48	1091	651	From Area	
NE+7.48	1092	652	From Area	
NE+7.48	1093	653	From Area	
NE+7.48	1094	654	From Area	
NE+7.48	1474	969	From Area	
NE+7.48	1475	970	From Area	
NE+7.48	1476	973	From Area	
NE+7.48	1477	974	From Area	
NE+7.48	1478	975	From Area	
NE+7.48	1479	979	From Area	
NE+7.48	1480	980	From Area	
NE+7.48	1481	981	From Area	
NE+7.48	1482	982	From Area	
NE+7.48	1483	987	From Area	
NE+7.48	1484	988	From Area	
NE+7.48	1485	989	From Area	
NE+7.48	1486	990	From Area	
NE+7.48	1487	991	From Area	
NE+7.48	1517	1075	From Area	
NE+7.48	1518	1076	From Area	
NE+7.48	1523	1083	From Area	
NE+7.48	1524	1084	From Area	
NE+7.48	1525	1085	From Area	

Table 3.1 - Joint Assignments - Summary (continued)

Story	Label	Unique Name	Diaphragm	Restraints
NE+7.48	1532	1095	From Area	
NE+7.48	1533	1096	From Area	
NE+7.48	1534	1097	From Area	
NE+7.48	1535	1098	From Area	
NE+7.48	1544	1111	From Area	
NE+7.48	1545	1112	From Area	
NE+7.48	1546	1113	From Area	
NE+7.48	1547	1114	From Area	
NE+7.48	1548	1115	From Area	

3.2 Frame Assignments

Table 3.2 - Frame Assignments - Summary

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	C197	1521	Column	800	150X100X4	150X100X4			3	No
Story1	C200	1545	Column	800	150X100X4	150X100X4			3	No
Story1	C211	1623	Column	800	150X100X4	150X100X4			3	No
Story1	C214	1666	Column	800	150X100X4	150X100X4			3	No
Story1	C225	1793	Column	800	150X100X4	150X100X4			3	No
Story1	C228	1870	Column	800	150X100X4	150X100X4			3	No
Story1	C242	1985	Column	800	150X100X4	150X100X4			3	No
Story1	C256	2092	Column	800	150X100X4	150X100X4			3	No
Story1	C270	2151	Column	800	150X100X4	150X100X4			3	No
Story1	C284	2210	Column	800	150X100X4	150X100X4			3	No
Story1	C130	577	Column	800	90X50X3	90X50X3			3	No
Story1	C132	579	Column	800	90X50X3	90X50X3			3	No
Story1	C134	706	Column	800	90X50X3	90X50X3			3	No
Story1	C136	707	Column	800	90X50X3	90X50X3			3	No
Story1	C138	708	Column	800	90X50X3	90X50X3			3	No
Story1	C140	709	Column	800	90X50X3	90X50X3			3	No
Story1	C142	710	Column	800	90X50X3	90X50X3			3	No
Story1	C144	591	Column	800	90X50X3	90X50X3			3	No
Story1	C146	711	Column	800	90X50X3	90X50X3			3	No
Story1	C148	712	Column	800	90X50X3	90X50X3			3	No
Story1	C150	713	Column	800	90X50X3	90X50X3			3	No
Story1	C152	714	Column	800	90X50X3	90X50X3			3	No
Story1	C154	715	Column	800	90X50X3	90X50X3			3	No
Story1	C156	716	Column	800	90X50X3	90X50X3			3	No
Story1	C158	670	Column	800	90X50X3	90X50X3			3	No
Story1	C160	669	Column	800	90X50X3	90X50X3			3	No
Story1	C162	609	Column	800	90X50X3	90X50X3			3	No
Story1	C164	666	Column	800	90X50X3	90X50X3			3	No
Story1	C166	613	Column	800	90X50X3	90X50X3			3	No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	C168	615	Column	800	90X50X3	90X50X3			3	No
Story1	C170	736	Column	800	90X50X3	90X50X3			3	No
Story1	C172	737	Column	800	90X50X3	90X50X3			3	No
Story1	C174	738	Column	800	90X50X3	90X50X3			3	No
Story1	C176	623	Column	800	90X50X3	90X50X3			3	No
Story1	C178	739	Column	800	90X50X3	90X50X3			3	No
Story1	C180	740	Column	800	90X50X3	90X50X3			3	No
Story1	C182	741	Column	800	90X50X3	90X50X3			3	No
Story1	C184	742	Column	800	90X50X3	90X50X3			3	No
Story1	C3	581	Column	800	90X50X3	90X50X3			3	No
Story1	C7	583	Column	800	90X50X3	90X50X3			3	No
Story1	C11	990	Column	800	90X50X3	90X50X3			3	No
Story1	C15	1003	Column	800	90X50X3	90X50X3			3	No
Story1	C23	991	Column	800	90X50X3	90X50X3			3	No
Story1	C31	1004	Column	800	90X50X3	90X50X3			3	No
Story1	C41	992	Column	800	90X50X3	90X50X3			3	No
Story1	C45	1005	Column	800	90X50X3	90X50X3			3	No
Story1	C49	993	Column	800	90X50X3	90X50X3			3	No
Story1	C53	1006	Column	800	90X50X3	90X50X3			3	No
Story1	C57	994	Column	800	90X50X3	90X50X3			3	No
Story1	C61	1007	Column	800	90X50X3	90X50X3			3	No
Story1	C65	995	Column	800	90X50X3	90X50X3			3	No
Story1	C69	1008	Column	800	90X50X3	90X50X3			3	No
Story1	C73	970	Column	800	90X50X3	90X50X3			3	No
Story1	C77	969	Column	800	90X50X3	90X50X3			3	No
Story1	C81	617	Column	800	90X50X3	90X50X3			3	No
Story1	C85	966	Column	800	90X50X3	90X50X3			3	No
Story1	C89	621	Column	800	90X50X3	90X50X3			3	No
Story1	C93	624	Column	800	90X50X3	90X50X3			3	No
Story1	C97	1016	Column	800	90X50X3	90X50X3			3	No
Story1	C101	1019	Column	800	90X50X3	90X50X3			3	No
Story1	C105	1020	Column	800	90X50X3	90X50X3			3	No
Story1	C109	748	Column	800	90X50X3	90X50X3			3	No
Story1	C113	1025	Column	800	90X50X3	90X50X3			3	No
Story1	C117	1026	Column	800	90X50X3	90X50X3			3	No
Story1	C121	1027	Column	800	90X50X3	90X50X3			3	No
Story1	C125	1028	Column	800	90X50X3	90X50X3			3	No
Story1	C487	1591	Column	870	150X100X4	150X100X4			3	No
Story1	C489	1592	Column	846.7	100X50X2MM	100X50X2MM			3	No
Story1	C491	1593	Column	823.3	100X50X2MM	100X50X2MM			3	No
Story1	C493	1607	Column	823.3	100X50X2MM	100X50X2MM			3	No
Story1	C495	1608	Column	846.7	100X50X2MM	100X50X2MM			3	No
Story1	C501	1620	Column	820	100X50X2MM	100X50X2MM			3	No
Story1	C510	1697	Column	870	150X100X4	150X100X4			3	No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	C511	1698	Column	846.7	100X50X2MM	100X50X2MM			3	No
Story1	C512	1699	Column	823.3	100X50X2MM	100X50X2MM			3	No
Story1	C513	1703	Column	823.3	100X50X2MM	100X50X2MM			3	No
Story1	C514	1705	Column	846.7	100X50X2MM	100X50X2MM			3	No
Story1	C517	1711	Column	820	100X50X2MM	100X50X2MM			3	No
Story1	C523	1903	Column	870	150X100X4	150X100X4			3	No
Story1	C524	1904	Column	846.7	100X50X2MM	100X50X2MM			3	No
Story1	C525	1905	Column	823.3	100X50X2MM	100X50X2MM			3	No
Story1	C526	1916	Column	823.3	100X50X2MM	100X50X2MM			3	No
Story1	C527	1917	Column	846.7	100X50X2MM	100X50X2MM			3	No
Story1	C530	1930	Column	820	100X50X2MM	100X50X2MM			3	No
Story1	C531	1933	Column	800	150X100X4	150X100X4			3	No
Story1	C537	2027	Column	870	150X100X4	150X100X4			3	No
Story1	C538	2028	Column	846.7	100X50X2MM	100X50X2MM			3	No
Story1	C539	2029	Column	823.3	100X50X2MM	100X50X2MM			3	No
Story1	C540	2040	Column	823.3	100X50X2MM	100X50X2MM			3	No
Story1	C541	2041	Column	846.7	100X50X2MM	100X50X2MM			3	No
Story1	C544	2054	Column	820	100X50X2MM	100X50X2MM			3	No
Story1	C545	2057	Column	800	150X100X4	150X100X4			3	No
Story1	C551	2110	Column	870	150X100X4	150X100X4			3	No
Story1	C552	2112	Column	846.7	100X50X2MM	100X50X2MM			3	No
Story1	C553	2113	Column	823.3	100X50X2MM	100X50X2MM			3	No
Story1	C554	2117	Column	823.3	100X50X2MM	100X50X2MM			3	No
Story1	C555	2118	Column	846.7	100X50X2MM	100X50X2MM			3	No
Story1	C558	2124	Column	820	100X50X2MM	100X50X2MM			3	No
Story1	C559	2127	Column	800	150X100X4	150X100X4			3	No
Story1	C565	2169	Column	870	150X100X4	150X100X4			3	No
Story1	C566	2170	Column	846.7	100X50X2MM	100X50X2MM			3	No
Story1	C567	2171	Column	823.3	100X50X2MM	100X50X2MM			3	No
Story1	C568	2175	Column	823.3	100X50X2MM	100X50X2MM			3	No
Story1	C569	2176	Column	846.7	100X50X2MM	100X50X2MM			3	No
Story1	C572	2182	Column	820	100X50X2MM	100X50X2MM			3	No
Story1	C573	2187	Column	800	150X100X4	150X100X4			3	No
Story1	C579	2227	Column	870	150X100X4	150X100X4			3	No
Story1	C580	2228	Column	846.7	100X50X2MM	100X50X2MM			3	No
Story1	C581	2229	Column	823.3	100X50X2MM	100X50X2MM			3	No
Story1	C582	2235	Column	823.3	100X50X2MM	100X50X2MM			3	No
Story1	C583	2236	Column	846.7	100X50X2MM	100X50X2MM			3	No
Story1	C586	2242	Column	820	100X50X2MM	100X50X2MM			3	No
Story1	C5	9	Column	840	90X50X3	90X50X3			3	No
Story1	C13	19	Column	840	90X50X3	90X50X3			3	No
Story1	C16	22	Column	840	90X50X3	90X50X3			3	No
Story1	C19	34	Column	840	90X50X3	90X50X3			3	No
Story1	C20	41	Column	840	90X50X3	90X50X3			3	No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	C22	45	Column	840	90X50X3	90X50X3			3	No
Story1	C26	97	Column	840	90X50X3	90X50X3			3	No
Story1	C28	98	Column	840	90X50X3	90X50X3			3	No
Story1	C32	99	Column	840	90X50X3	90X50X3			3	No
Story1	C35	100	Column	840	90X50X3	90X50X3			3	No
Story1	C37	101	Column	840	90X50X3	90X50X3			3	No
Story1	C39	108	Column	840	90X50X3	90X50X3			3	No
Story1	C71	129	Column	840	90X50X3	90X50X3			3	No
Story1	C74	139	Column	840	90X50X3	90X50X3			3	No
Story1	C76	141	Column	840	90X50X3	90X50X3			3	No
Story1	C79	143	Column	840	90X50X3	90X50X3			3	No
Story1	C82	145	Column	840	90X50X3	90X50X3			3	No
Story1	C84	147	Column	840	90X50X3	90X50X3			3	No
Story1	C87	149	Column	840	90X50X3	90X50X3			3	No
Story1	C90	151	Column	840	90X50X3	90X50X3			3	No
Story1	C92	155	Column	840	90X50X3	90X50X3			3	No
Story1	C94	156	Column	840	90X50X3	90X50X3			3	No
Story1	C95	157	Column	840	90X50X3	90X50X3			3	No
Story1	C102	171	Column	840	90X50X3	90X50X3			3	No
Story1	C104	180	Column	840	90X50X3	90X50X3			3	No
Story1	C107	182	Column	840	90X50X3	90X50X3			3	No
Story1	C110	184	Column	840	90X50X3	90X50X3			3	No
Story1	C112	186	Column	840	90X50X3	90X50X3			3	No
Story1	C163	1618	Column	840	150X100X4	150X100X4			3	No
Story1	C165	1709	Column	840	150X100X4	150X100X4			3	No
Story1	C167	1928	Column	840	150X100X4	150X100X4			3	No
Story1	C169	2052	Column	840	150X100X4	150X100X4			3	No
Story1	C171	2122	Column	840	150X100X4	150X100X4			3	No
Story1	C173	2180	Column	840	150X100X4	150X100X4			3	No
Story1	C175	2240	Column	840	150X100X4	150X100X4			3	No
Story1	C9	1546	Column	740	100X50X2MM	100X50X2MM			3	No
Story1	C12	1547	Column	680	100X50X2MM	100X50X2MM			3	No
Story1	C17	1548	Column	620	100X50X2MM	100X50X2MM			3	No
Story1	C21	1549	Column	560	100X50X2MM	100X50X2MM			3	No
Story1	C24	118	Column	740	100X50X2MM	100X50X2MM			3	No
Story1	C25	119	Column	680	100X50X2MM	100X50X2MM			3	No
Story1	C27	120	Column	620	100X50X2MM	100X50X2MM			3	No
Story1	C29	121	Column	560	100X50X2MM	100X50X2MM			3	No
Story1	C30	130	Column	500	150X100X4	150X100X4			3	No
Story1	C33	162	Column	740	100X50X2MM	100X50X2MM			3	No
Story1	C34	163	Column	680	100X50X2MM	100X50X2MM			3	No
Story1	C36	164	Column	620	100X50X2MM	100X50X2MM			3	No
Story1	C38	165	Column	560	100X50X2MM	100X50X2MM			3	No
Story1	C40	172	Column	500	150X100X4	150X100X4			3	No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	C42	202	Column	740	100X50X2MM	100X50X2MM			3	No
Story1	C43	203	Column	680	100X50X2MM	100X50X2MM			3	No
Story1	C44	204	Column	620	100X50X2MM	100X50X2MM			3	No
Story1	C46	205	Column	560	100X50X2MM	100X50X2MM			3	No
Story1	C47	206	Column	500	150X100X4	150X100X4			3	No
Story1	C48	333	Column	740	100X50X2MM	100X50X2MM			3	No
Story1	C50	334	Column	680	100X50X2MM	100X50X2MM			3	No
Story1	C51	335	Column	620	100X50X2MM	100X50X2MM			3	No
Story1	C52	336	Column	560	100X50X2MM	100X50X2MM			3	No
Story1	C54	337	Column	500	150X100X4	150X100X4			3	No
Story1	C55	348	Column	740	100X50X2MM	100X50X2MM			3	No
Story1	C56	349	Column	680	100X50X2MM	100X50X2MM			3	No
Story1	C58	350	Column	620	100X50X2MM	100X50X2MM			3	No
Story1	C59	351	Column	560	100X50X2MM	100X50X2MM			3	No
Story1	C60	352	Column	500	150X100X4	150X100X4			3	No
Story1	C62	363	Column	740	100X50X2MM	100X50X2MM			3	No
Story1	C63	364	Column	680	100X50X2MM	100X50X2MM			3	No
Story1	C64	365	Column	620	100X50X2MM	100X50X2MM			3	No
Story1	C66	366	Column	560	100X50X2MM	100X50X2MM			3	No
Story1	C67	367	Column	500	150X100X4	150X100X4			3	No
Story1	C68	1281	Column	500	90X50X3	90X50X3			3	No
Story1	C70	1283	Column	500	90X50X3	90X50X3			3	No
Story1	C72	1313	Column	500	90X50X3	90X50X3			3	No
Story1	C75	1319	Column	500	90X50X3	90X50X3			3	No
Story1	C78	1371	Column	500	90X50X3	90X50X3			3	No
Story1	C80	622	Column	500	90X50X3	90X50X3			3	No
Story1	C83	1590	Column	500	150X100X4	150X100X4			3	No
Story1	C86	226	Column	500	90X50X3	90X50X3			3	No
Story1	C88	227	Column	500	90X50X3	90X50X3			3	No
Story1	C91	230	Column	500	90X50X3	90X50X3			3	No
Story1	C96	231	Column	500	90X50X3	90X50X3			3	No
Story1	C98	267	Column	500	90X50X3	90X50X3			3	No
Story1	C99	268	Column	500	90X50X3	90X50X3			3	No
Story1	C100	269	Column	500	90X50X3	90X50X3			3	No
Story1	C103	270	Column	500	90X50X3	90X50X3			3	No
Story1	C106	271	Column	500	90X50X3	90X50X3			3	No
Story1	C108	272	Column	500	90X50X3	90X50X3			3	No
Story1	C111	279	Column	500	90X50X3	90X50X3			3	No
Story1	C114	280	Column	500	90X50X3	90X50X3			3	No
Story1	C177	281	Column	500	90X50X3	90X50X3			3	No
Story1	C179	282	Column	500	90X50X3	90X50X3			3	No
Story1	C181	283	Column	500	90X50X3	90X50X3			3	No
Story1	C183	284	Column	500	90X50X3	90X50X3			3	No
Story1	C185	302	Column	500	90X50X3	90X50X3			3	No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	C186	303	Column	500	90X50X3	90X50X3			3	No
Story1	C187	304	Column	500	90X50X3	90X50X3			3	No
Story1	C188	321	Column	500	90X50X3	90X50X3			3	No
Story1	C189	322	Column	500	90X50X3	90X50X3			3	No
Story1	C190	323	Column	500	90X50X3	90X50X3			3	No
Story1	B27	1522	Beam	937.5	150X100X4	150X100X4		500		No
Story1	B98	1523	Beam	937.5	150X100X4	150X100X4		500		No
Story1	B115	1526	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B116	1527	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B117	1528	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B118	1532	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B119	1534	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B120	1535	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B146	1624	Beam	937.5	150X100X4	150X100X4		500		No
Story1	B147	1625	Beam	937.5	150X100X4	150X100X4		500		No
Story1	B154	1628	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B159	1629	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B164	1637	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B165	1641	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B174	1642	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B175	1643	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B182	1794	Beam	937.5	150X100X4	150X100X4		500		No
Story1	B183	1795	Beam	937.5	150X100X4	150X100X4		500		No
Story1	B184	1820	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B185	1838	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B186	1839	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B187	1846	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B188	1851	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B189	1852	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B212	1934	Beam	937.5	150X100X4	150X100X4		500		No
Story1	B213	1942	Beam	937.5	150X100X4	150X100X4		500		No
Story1	B214	1945	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B215	1946	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B216	1947	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B217	1958	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B218	1959	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B219	1960	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B226	2058	Beam	937.5	150X100X4	150X100X4		500		No
Story1	B235	2061	Beam	937.5	150X100X4	150X100X4		500		No
Story1	B236	2064	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B237	2065	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B238	2066	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B239	2070	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B240	2071	Beam	1143.3	150X100X4	150X100X4		500		No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	B241	2072	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B248	2128	Beam	937.5	150X100X4	150X100X4		500		No
Story1	B249	2129	Beam	937.5	150X100X4	150X100X4		500		No
Story1	B250	2134	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B251	2135	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B252	2136	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B253	2140	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B254	2141	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B255	2142	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B262	2188	Beam	937.5	150X100X4	150X100X4		500		No
Story1	B263	2189	Beam	937.5	150X100X4	150X100X4		500		No
Story1	B264	2192	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B265	2193	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B266	2194	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B267	2198	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B268	2199	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B269	2200	Beam	1143.3	150X100X4	150X100X4		500		No
Story1	B404	905	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B405	912	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B406	913	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B407	920	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B408	971	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B409	978	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B410	979	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B411	986	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B446	1575	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B447	1577	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B448	1581	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B449	1584	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B450	1601	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B451	1605	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B452	1611	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B453	1616	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B464	1835	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B465	1837	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B469	1847	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B470	1850	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B497	1863	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B498	1867	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B503	1883	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B504	1888	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B3	377	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B4	378	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B5	379	Beam	1243.3	100X50X2MM	100X50X2MM		500		No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	B7	381	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B8	382	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B9	383	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B10	384	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B11	385	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B12	386	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B13	387	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B14	388	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B15	389	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B16	390	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B17	391	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B18	392	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B19	393	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B20	394	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B21	395	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B22	396	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B23	397	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B24	398	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B25	399	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B26	400	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B28	401	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B29	402	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B30	403	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B31	404	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B32	405	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B33	406	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B34	407	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B35	408	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B36	409	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B37	410	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B72	632	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B73	633	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B74	634	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B75	635	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B76	636	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B77	637	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B78	638	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B79	639	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B80	640	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B81	641	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B82	642	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B83	643	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B84	644	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B85	645	Beam	1091.3	100X50X2MM	100X50X2MM		500		No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	B86	646	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B87	647	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B88	648	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B89	649	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B90	650	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B91	651	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B92	652	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B93	653	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B94	654	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B95	655	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B96	656	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B97	657	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B99	658	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B100	659	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B101	660	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B102	661	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B103	662	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B104	663	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B105	664	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B106	665	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B204	797	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B205	798	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B206	799	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B208	800	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B220	801	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B227	802	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B228	804	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B229	805	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B230	806	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B231	807	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B232	808	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B233	809	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B234	810	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B242	811	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B256	812	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B270	814	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B284	815	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B285	816	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B286	817	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B287	818	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B288	819	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B289	820	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B290	821	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B291	822	Beam	1188	100X50X2MM	100X50X2MM		500		No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	B292	823	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B306	938	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B313	939	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B314	940	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B317	941	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B318	942	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B319	943	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B320	944	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B321	945	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B322	946	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B781	1550	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B782	1568	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B783	1578	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B804	1579	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B805	1580	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B825	1594	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B826	1596	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B827	1606	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B828	1609	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B829	1610	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B840	1617	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B841	1621	Beam	937.7	150X100X6	150X100X6			3	No
Story1	B842	1622	Beam	937.7	150X100X6	150X100X6			3	No
Story1	B844	1677	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B845	1678	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B858	1679	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B859	1680	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B860	1681	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B887	1700	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B888	1701	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B889	1702	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B890	1706	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B891	1707	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B892	1708	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B917	1712	Beam	937.7	150X100X6	150X100X6			3	No
Story1	B918	1713	Beam	937.7	150X100X6	150X100X6			3	No
Story1	B920	1880	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B921	1881	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B922	1882	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B923	1889	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B938	1890	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B956	1906	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B957	1914	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B958	1915	Beam	1143.6	150X100X6	150X100X6			3	No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	B959	1918	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B960	1919	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B961	1920	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B962	1931	Beam	937.7	150X100X6	150X100X6			3	No
Story1	B1029	1932	Beam	937.7	150X100X6	150X100X6			3	No
Story1	B1031	1997	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1032	1998	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1033	1999	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1034	2013	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1035	2014	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1041	2030	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1042	2038	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1043	2039	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1044	2042	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1045	2043	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1046	2044	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1047	2055	Beam	937.7	150X100X6	150X100X6			3	No
Story1	B1048	2056	Beam	937.7	150X100X6	150X100X6			3	No
Story1	B1050	2098	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1051	2099	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1052	2100	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1053	2101	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1054	2102	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1060	2114	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1061	2115	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1062	2116	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1063	2119	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1064	2120	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1065	2121	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1066	2125	Beam	937.7	150X100X6	150X100X6			3	No
Story1	B1067	2126	Beam	937.7	150X100X6	150X100X6			3	No
Story1	B1069	2156	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1070	2158	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1071	2160	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1072	2161	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1073	2162	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1079	2172	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1080	2173	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1087	2174	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1088	2177	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1095	2178	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1096	2179	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1103	2184	Beam	937.7	150X100X6	150X100X6			3	No
Story1	B1104	2186	Beam	937.7	150X100X6	150X100X6			3	No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	B1112	2216	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1119	2217	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1120	2218	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1127	2219	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1128	2220	Beam	994.2	150X100X6	150X100X6			3	No
Story1	B1146	2230	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1147	2232	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1148	2234	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1149	2237	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1150	2238	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1151	2239	Beam	1143.6	150X100X6	150X100X6			3	No
Story1	B1152	2243	Beam	937.7	150X100X6	150X100X6			3	No
Story1	B1153	2244	Beam	937.7	150X100X6	150X100X6			3	No
Story1	B1268	1	Beam	3730	CORREAS	N/A	2.88	500		No
Story1	B1269	2	Beam	5000	CORREAS	N/A	2.88	500		No
Story1	B1270	3	Beam	8730	CORREAS	N/A	2.88	500		No
Story1	B1271	4	Beam	8730	CORREAS	N/A	2.88	500		No
Story1	B1272	5	Beam	5940	CORREAS	N/A	2.88	500		No
Story1	B1273	6	Beam	6850	CORREAS	N/A	2.88	500		No
Story1	B1274	12	Beam	3730	CORREAS	N/A	2.88	500		No
Story1	B1275	13	Beam	5000	CORREAS	N/A	2.88	500		No
Story1	B1276	14	Beam	8730	CORREAS	N/A	2.88	500		No
Story1	B1277	15	Beam	8730	CORREAS	N/A	2.88	500		No
Story1	B1278	16	Beam	5940	CORREAS	N/A	2.88	500		No
Story1	B1279	17	Beam	6850	CORREAS	N/A	2.88	500		No
Story1	B1280	23	Beam	3730	CORREAS	N/A	2.88	500		No
Story1	B1281	24	Beam	5000	CORREAS	N/A	2.88	500		No
Story1	B1282	26	Beam	8730	CORREAS	N/A	2.88	500		No
Story1	B1283	27	Beam	8730	CORREAS	N/A	2.88	500		No
Story1	B1284	28	Beam	5940	CORREAS	N/A	2.88	500		No
Story1	B1285	29	Beam	6850	CORREAS	N/A	2.88	500		No
Story1	B1286	240	Beam	3730	CORREAS	N/A	2.88	500		No
Story1	B1287	245	Beam	5000	CORREAS	N/A	2.88	500		No
Story1	B1288	292	Beam	8730	CORREAS	N/A	2.88	500		No
Story1	B1289	310	Beam	8730	CORREAS	N/A	2.88	500		No
Story1	B1290	373	Beam	5940	CORREAS	N/A	2.88	500		No
Story1	B1291	376	Beam	6850	CORREAS	N/A	2.88	500		No
Story1	B1292	46	Beam	3730	CORREAS	N/A	-3.34	500		No
Story1	B1293	47	Beam	5000	CORREAS	N/A	-3.34	500		No
Story1	B1294	48	Beam	8730	CORREAS	N/A	-3.34	500		No
Story1	B1295	49	Beam	8730	CORREAS	N/A	-3.34	500		No
Story1	B1296	50	Beam	5940	CORREAS	N/A	-3.34	500		No
Story1	B1297	51	Beam	6850	CORREAS	N/A	-3.34	500		No
Story1	B1298	74	Beam	3730	CORREAS	N/A	-3.34	500		No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	B1299	213	Beam	5000	CORREAS	N/A	-3.34	500		No
Story1	B1300	219	Beam	8730	CORREAS	N/A	-3.34	500		No
Story1	B1301	235	Beam	8730	CORREAS	N/A	-3.34	500		No
Story1	B1302	237	Beam	5940	CORREAS	N/A	-3.34	500		No
Story1	B1303	239	Beam	6850	CORREAS	N/A	-3.34	500		No
Story1	B1304	68	Beam	3730	CORREAS	N/A		500		No
Story1	B1305	69	Beam	5000	CORREAS	N/A		500		No
Story1	B1306	70	Beam	8730	CORREAS	N/A		500		No
Story1	B1307	71	Beam	8730	CORREAS	N/A		500		No
Story1	B1308	72	Beam	5940	CORREAS	N/A		500		No
Story1	B1309	73	Beam	6850	CORREAS	N/A		500		No
Story1	B1310	79	Beam	3730	CORREAS	N/A	3.34	500		No
Story1	B1311	80	Beam	5000	CORREAS	N/A	3.34	500		No
Story1	B1312	81	Beam	8730	CORREAS	N/A	3.34	500		No
Story1	B1313	82	Beam	8730	CORREAS	N/A	3.34	500		No
Story1	B1314	83	Beam	5940	CORREAS	N/A	3.34	500		No
Story1	B1315	84	Beam	6850	CORREAS	N/A	3.34	500		No
Story1	B1316	90	Beam	3730	CORREAS	N/A	3.34	500		No
Story1	B1317	91	Beam	5000	CORREAS	N/A	3.34	500		No
Story1	B1318	92	Beam	8730	CORREAS	N/A	3.34	500		No
Story1	B1319	93	Beam	8730	CORREAS	N/A	3.34	500		No
Story1	B1320	94	Beam	5940	CORREAS	N/A	3.34	500		No
Story1	B1321	95	Beam	6850	CORREAS	N/A	3.34	500		No
Story1	B1322	102	Beam	3730	CORREAS	N/A	-3	500		No
Story1	B1323	103	Beam	5000	CORREAS	N/A	-3	500		No
Story1	B1324	104	Beam	8730	CORREAS	N/A	-3	500		No
Story1	B1325	105	Beam	8730	CORREAS	N/A	-3	500		No
Story1	B1326	106	Beam	5940	CORREAS	N/A	-3	500		No
Story1	B1327	107	Beam	6850	CORREAS	N/A	-3	500		No
Story1	B39	11	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B43	32	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B46	78	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B47	85	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B48	86	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B49	87	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B50	88	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B51	89	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B54	132	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B55	133	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B56	134	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B57	135	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B58	136	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B59	137	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B64	175	Beam	1141.7	100X50X2MM	100X50X2MM		500		No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	B65	176	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B66	177	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B67	178	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B68	179	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B69	188	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B70	189	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B71	190	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B108	192	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B109	193	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B110	194	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B111	195	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B114	197	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B121	198	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B138	215	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B139	216	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B140	217	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B145	222	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B148	223	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B149	224	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B150	225	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B178	251	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B179	252	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B180	253	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B181	254	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B190	255	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B191	256	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B192	257	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B193	258	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B194	259	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B195	260	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B196	261	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B197	262	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B198	263	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B199	264	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B200	265	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B201	266	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B261	297	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B271	298	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B272	299	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B273	300	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B274	301	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B294	315	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B295	316	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B296	317	Beam	1141.7	100X50X2MM	100X50X2MM		500		No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	B297	318	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B298	319	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B299	320	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B38	31	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B40	52	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B41	53	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B42	54	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B45	55	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B52	131	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B53	138	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B60	140	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B62	142	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B63	144	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B112	173	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B113	174	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B122	181	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B123	183	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B124	185	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B125	207	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B126	208	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B127	209	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B128	210	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B129	211	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B130	338	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B131	339	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B132	340	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B133	341	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B134	342	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B202	353	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B203	354	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B315	355	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B316	356	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B323	357	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B324	368	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B325	369	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B326	370	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B327	371	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B328	372	Beam	997.2	150X100X4	150X100X4			3	No
Story1	B335	413	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B336	414	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B337	415	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B338	416	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B339	417	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B340	418	Beam	1250	100X50X2MM	100X50X2MM		500		No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	B341	419	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B342	420	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B343	421	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B344	422	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B345	423	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B346	424	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B347	425	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B348	426	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B349	427	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B350	428	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B351	429	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B352	430	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B353	431	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B354	432	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B355	433	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B356	434	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B357	435	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B358	436	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B359	437	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B360	438	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B361	439	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B362	440	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B363	441	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B364	442	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B365	443	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B366	444	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B367	445	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B368	446	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B1	10	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
Story1	B2	18	Beam	1250	100X50X2MM	100X50X2MM		500		No
Story1	B135	25	Beam	1188	100X50X2MM	100X50X2MM		500		No
Story1	B136	30	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	B137	33	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
Story1	B141	56	Beam	1188	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1097	906	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1098	907	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1099	908	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1100	909	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1101	910	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1102	911	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1105	914	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1106	915	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1107	916	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1108	917	Beam	1091.3	100X50X2MM	100X50X2MM		500		No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
NE+7.48	B1109	918	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1110	919	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1113	972	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1114	973	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1115	974	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1116	975	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1117	976	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1118	977	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1121	980	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1122	981	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1123	982	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1124	983	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1125	984	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1126	985	Beam	1091.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1447	1576	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1450	1582	Beam	1250	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1451	1583	Beam	1250	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1454	1602	Beam	1188	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1455	1603	Beam	1188	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1456	1604	Beam	1188	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1459	1612	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1460	1613	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1461	1614	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1462	1615	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1499	1836	Beam	1243.3	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1508	1848	Beam	1250	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1509	1849	Beam	1250	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1520	1864	Beam	1188	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1521	1865	Beam	1188	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1522	1866	Beam	1188	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1535	1884	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1536	1885	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1537	1886	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
NE+7.48	B1538	1887	Beam	1141.7	100X50X2MM	100X50X2MM		500		No
Story1	D224	1525	Brace	1232.4	100X50X2MM	100X50X2MM			3	No
Story1	D225	1529	Brace	1395.4	100X50X2MM	100X50X2MM			3	No
Story1	D228	1536	Brace	1395.4	100X50X2MM	100X50X2MM			3	No
Story1	D236	1627	Brace	1232.4	100X50X2MM	100X50X2MM			3	No
Story1	D237	1638	Brace	1395.4	100X50X2MM	100X50X2MM			3	No
Story1	D240	1651	Brace	1395.4	100X50X2MM	100X50X2MM			3	No
Story1	D248	1797	Brace	1232.4	100X50X2MM	100X50X2MM			3	No
Story1	D249	1840	Brace	1395.4	100X50X2MM	100X50X2MM			3	No
Story1	D252	1853	Brace	1395.4	100X50X2MM	100X50X2MM			3	No
Story1	D260	1944	Brace	1232.4	100X50X2MM	100X50X2MM			3	No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	D261	1948	Brace	1395.4	100X50X2MM	100X50X2MM			3	No
Story1	D264	1961	Brace	1395.4	100X50X2MM	100X50X2MM			3	No
Story1	D272	2063	Brace	1232.4	100X50X2MM	100X50X2MM			3	No
Story1	D273	2067	Brace	1395.4	100X50X2MM	100X50X2MM			3	No
Story1	D276	2075	Brace	1395.4	100X50X2MM	100X50X2MM			3	No
Story1	D284	2132	Brace	1232.4	100X50X2MM	100X50X2MM			3	No
Story1	D285	2137	Brace	1395.4	100X50X2MM	100X50X2MM			3	No
Story1	D288	2143	Brace	1395.4	100X50X2MM	100X50X2MM			3	No
Story1	D296	2191	Brace	1232.4	100X50X2MM	100X50X2MM			3	No
Story1	D297	2195	Brace	1395.4	100X50X2MM	100X50X2MM			3	No
Story1	D300	2201	Brace	1395.4	100X50X2MM	100X50X2MM			3	No
Story1	D69	667	Brace	1478.5	90X50X3	90X50X3			3	No
Story1	D70	668	Brace	1478.5	90X50X3	90X50X3			3	No
Story1	D71	671	Brace	1484.1	90X50X3	90X50X3			3	No
Story1	D72	672	Brace	1484.1	90X50X3	90X50X3			3	No
Story1	D73	673	Brace	1484.1	90X50X3	90X50X3			3	No
Story1	D74	674	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D75	675	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D76	680	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D77	692	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D78	693	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D79	694	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D80	695	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D81	717	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D82	718	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D83	719	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D84	728	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D85	729	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D86	730	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D87	731	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D88	732	Brace	1432.3	90X50X3	90X50X3			3	No
Story1	D89	733	Brace	1432.3	90X50X3	90X50X3			3	No
Story1	D90	734	Brace	1432.3	90X50X3	90X50X3			3	No
Story1	D91	735	Brace	1432.3	90X50X3	90X50X3			3	No
Story1	D92	743	Brace	1394.1	90X50X3	90X50X3			3	No
Story1	D93	744	Brace	1394.1	90X50X3	90X50X3			3	No
Story1	D94	745	Brace	1394.1	90X50X3	90X50X3			3	No
Story1	D95	746	Brace	1394.1	90X50X3	90X50X3			3	No
Story1	D96	747	Brace	1394.1	90X50X3	90X50X3			3	No
Story1	D128	937	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D129	959	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D139	1595	Brace	1484.1	90X50X3	90X50X3			3	No
Story1	D140	1694	Brace	1478.5	90X50X3	90X50X3			3	No
Story1	D141	1695	Brace	1432.3	90X50X3	90X50X3			3	No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	D142	1704	Brace	1394.1	90X50X3	90X50X3			3	No
Story1	D149	967	Brace	1478.5	90X50X3	90X50X3			3	No
Story1	D150	968	Brace	1478.5	90X50X3	90X50X3			3	No
Story1	D151	987	Brace	1484.1	90X50X3	90X50X3			3	No
Story1	D152	988	Brace	1484.1	90X50X3	90X50X3			3	No
Story1	D153	989	Brace	1484.1	90X50X3	90X50X3			3	No
Story1	D154	996	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D155	997	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D156	998	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D157	999	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D158	1000	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D159	1001	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D160	1002	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D161	1009	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D162	1010	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D163	1011	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D164	1012	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D165	1013	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D166	1014	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D167	1015	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D168	1021	Brace	1432.3	90X50X3	90X50X3			3	No
Story1	D169	1022	Brace	1432.3	90X50X3	90X50X3			3	No
Story1	D170	1023	Brace	1432.3	90X50X3	90X50X3			3	No
Story1	D171	1024	Brace	1432.3	90X50X3	90X50X3			3	No
Story1	D172	1029	Brace	1394.1	90X50X3	90X50X3			3	No
Story1	D179	1030	Brace	1394.1	90X50X3	90X50X3			3	No
Story1	D180	1031	Brace	1394.1	90X50X3	90X50X3			3	No
Story1	D181	1032	Brace	1394.1	90X50X3	90X50X3			3	No
Story1	D182	1033	Brace	1394.1	90X50X3	90X50X3			3	No
Story1	D394	1017	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D395	1018	Brace	1353.1	90X50X3	90X50X3			3	No
Story1	D396	2073	Brace	1484.1	90X50X3	90X50X3			3	No
Story1	D397	2089	Brace	1478.5	90X50X3	90X50X3			3	No
Story1	D398	2091	Brace	1432.3	90X50X3	90X50X3			3	No
Story1	D399	2109	Brace	1394.1	90X50X3	90X50X3			3	No
Story1	D202	1524	Brace	1245.5	100X50X2MM	100X50X2MM			3	No
Story1	D203	1530	Brace	1408.9	100X50X2MM	100X50X2MM			3	No
Story1	D204	1531	Brace	1422.7	100X50X2MM	100X50X2MM			3	No
Story1	D205	1537	Brace	1408.9	100X50X2MM	100X50X2MM			3	No
Story1	D206	1538	Brace	1422.7	100X50X2MM	100X50X2MM			3	No
Story1	D211	1626	Brace	1245.5	100X50X2MM	100X50X2MM			3	No
Story1	D212	1639	Brace	1408.9	100X50X2MM	100X50X2MM			3	No
Story1	D213	1640	Brace	1422.7	100X50X2MM	100X50X2MM			3	No
Story1	D214	1652	Brace	1408.9	100X50X2MM	100X50X2MM			3	No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	D215	1653	Brace	1422.7	100X50X2MM	100X50X2MM			3	No
Story1	D220	1796	Brace	1245.5	100X50X2MM	100X50X2MM			3	No
Story1	D221	1844	Brace	1408.9	100X50X2MM	100X50X2MM			3	No
Story1	D405	1845	Brace	1422.7	100X50X2MM	100X50X2MM			3	No
Story1	D406	1854	Brace	1408.9	100X50X2MM	100X50X2MM			3	No
Story1	D407	1859	Brace	1422.7	100X50X2MM	100X50X2MM			3	No
Story1	D412	1943	Brace	1245.5	100X50X2MM	100X50X2MM			3	No
Story1	D413	1956	Brace	1408.9	100X50X2MM	100X50X2MM			3	No
Story1	D414	1957	Brace	1422.7	100X50X2MM	100X50X2MM			3	No
Story1	D415	1962	Brace	1408.9	100X50X2MM	100X50X2MM			3	No
Story1	D416	1979	Brace	1422.7	100X50X2MM	100X50X2MM			3	No
Story1	D421	2062	Brace	1245.5	100X50X2MM	100X50X2MM			3	No
Story1	D422	2068	Brace	1408.9	100X50X2MM	100X50X2MM			3	No
Story1	D423	2069	Brace	1422.7	100X50X2MM	100X50X2MM			3	No
Story1	D424	2077	Brace	1408.9	100X50X2MM	100X50X2MM			3	No
Story1	D425	2079	Brace	1422.7	100X50X2MM	100X50X2MM			3	No
Story1	D430	2130	Brace	1245.5	100X50X2MM	100X50X2MM			3	No
Story1	D431	2138	Brace	1408.9	100X50X2MM	100X50X2MM			3	No
Story1	D432	2139	Brace	1422.7	100X50X2MM	100X50X2MM			3	No
Story1	D433	2144	Brace	1408.9	100X50X2MM	100X50X2MM			3	No
Story1	D434	2145	Brace	1422.7	100X50X2MM	100X50X2MM			3	No
Story1	D439	2190	Brace	1245.5	100X50X2MM	100X50X2MM			3	No
Story1	D440	2196	Brace	1408.9	100X50X2MM	100X50X2MM			3	No
Story1	D441	2197	Brace	1422.7	100X50X2MM	100X50X2MM			3	No
Story1	D442	2202	Brace	1408.9	100X50X2MM	100X50X2MM			3	No
Story1	D443	2203	Brace	1422.7	100X50X2MM	100X50X2MM			3	No
Story1	D14	20	Brace	1500.5	90X50X3	90X50X3			3	No
Story1	D15	21	Brace	1500.5	90X50X3	90X50X3			3	No
Story1	D16	42	Brace	1506	90X50X3	90X50X3			3	No
Story1	D17	43	Brace	1506	90X50X3	90X50X3			3	No
Story1	D18	44	Brace	1506	90X50X3	90X50X3			3	No
Story1	D19	109	Brace	1377.1	90X50X3	90X50X3			3	No
Story1	D20	110	Brace	1377.1	90X50X3	90X50X3			3	No
Story1	D21	111	Brace	1377.1	90X50X3	90X50X3			3	No
Story1	D22	112	Brace	1377.1	90X50X3	90X50X3			3	No
Story1	D23	113	Brace	1377.1	90X50X3	90X50X3			3	No
Story1	D24	114	Brace	1377.1	90X50X3	90X50X3			3	No
Story1	D25	115	Brace	1377.1	90X50X3	90X50X3			3	No
Story1	D40	122	Brace	1377.1	90X50X3	90X50X3			3	No
Story1	D41	123	Brace	1377.1	90X50X3	90X50X3			3	No
Story1	D42	124	Brace	1377.1	90X50X3	90X50X3			3	No
Story1	D43	125	Brace	1377.1	90X50X3	90X50X3			3	No
Story1	D44	126	Brace	1377.1	90X50X3	90X50X3			3	No
Story1	D45	127	Brace	1377.1	90X50X3	90X50X3			3	No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	D46	128	Brace	1377.1	90X50X3	90X50X3			3	No
Story1	D47	158	Brace	1455	90X50X3	90X50X3			3	No
Story1	D48	159	Brace	1455	90X50X3	90X50X3			3	No
Story1	D49	160	Brace	1455	90X50X3	90X50X3			3	No
Story1	D50	161	Brace	1455	90X50X3	90X50X3			3	No
Story1	D51	166	Brace	1417.4	90X50X3	90X50X3			3	No
Story1	D52	167	Brace	1417.4	90X50X3	90X50X3			3	No
Story1	D53	168	Brace	1417.4	90X50X3	90X50X3			3	No
Story1	D54	169	Brace	1417.4	90X50X3	90X50X3			3	No
Story1	D55	170	Brace	1417.4	90X50X3	90X50X3			3	No
Story1	D56	885	Brace	1377.1	90X50X3	90X50X3			3	No
Story1	D57	893	Brace	1377.1	90X50X3	90X50X3			3	No
Story1	D58	1468	Brace	1506	90X50X3	90X50X3			3	No
Story1	D59	1472	Brace	1500.5	90X50X3	90X50X3			3	No
Story1	D60	1474	Brace	1455	90X50X3	90X50X3			3	No
Story1	D61	1483	Brace	1417.4	90X50X3	90X50X3			3	No
Story1	D1	76	Brace	1227.4	100X50X2MM	100X50X2MM			3	No
Story1	D2	77	Brace	1193.2	100X50X2MM	100X50X2MM			3	No
Story1	D3	96	Brace	1161	100X50X2MM	100X50X2MM			3	No
Story1	D4	116	Brace	1131.2	100X50X2MM	100X50X2MM			3	No
Story1	D5	117	Brace	1103.8	100X50X2MM	100X50X2MM			3	No
Story1	D6	146	Brace	1227.4	100X50X2MM	100X50X2MM			3	No
Story1	D7	148	Brace	1193.2	100X50X2MM	100X50X2MM			3	No
Story1	D8	150	Brace	1161	100X50X2MM	100X50X2MM			3	No
Story1	D9	152	Brace	1131.2	100X50X2MM	100X50X2MM			3	No
Story1	D10	154	Brace	1103.8	100X50X2MM	100X50X2MM			3	No
Story1	D11	187	Brace	1227.4	100X50X2MM	100X50X2MM			3	No
Story1	D12	196	Brace	1193.2	100X50X2MM	100X50X2MM			3	No
Story1	D13	199	Brace	1161	100X50X2MM	100X50X2MM			3	No
Story1	D26	200	Brace	1131.2	100X50X2MM	100X50X2MM			3	No
Story1	D27	201	Brace	1103.8	100X50X2MM	100X50X2MM			3	No
Story1	D28	324	Brace	1227.4	100X50X2MM	100X50X2MM			3	No
Story1	D29	329	Brace	1193.2	100X50X2MM	100X50X2MM			3	No
Story1	D30	330	Brace	1161	100X50X2MM	100X50X2MM			3	No
Story1	D31	331	Brace	1131.2	100X50X2MM	100X50X2MM			3	No
Story1	D32	332	Brace	1103.8	100X50X2MM	100X50X2MM			3	No
Story1	D33	343	Brace	1227.4	100X50X2MM	100X50X2MM			3	No
Story1	D34	344	Brace	1193.2	100X50X2MM	100X50X2MM			3	No
Story1	D35	345	Brace	1161	100X50X2MM	100X50X2MM			3	No
Story1	D36	346	Brace	1131.2	100X50X2MM	100X50X2MM			3	No
Story1	D37	347	Brace	1103.8	100X50X2MM	100X50X2MM			3	No
Story1	D38	358	Brace	1227.4	100X50X2MM	100X50X2MM			3	No
Story1	D39	359	Brace	1193.2	100X50X2MM	100X50X2MM			3	No
Story1	D62	360	Brace	1161	100X50X2MM	100X50X2MM			3	No

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	D63	361	Brace	1131.2	100X50X2MM	100X50X2MM			3	No
Story1	D64	362	Brace	1103.8	100X50X2MM	100X50X2MM			3	No
Story1	D65	1083	Brace	1200.3	90X50X3	90X50X3			3	No
Story1	D66	1084	Brace	1200.3	90X50X3	90X50X3			3	No
Story1	D67	2074	Brace	1346.3	90X50X3	90X50X3			3	No
Story1	D68	2090	Brace	1340.1	90X50X3	90X50X3			3	No
Story1	D97	2093	Brace	1288.9	90X50X3	90X50X3			3	No
Story1	D98	2111	Brace	1246.4	90X50X3	90X50X3			3	No
Story1	D99	589	Brace	1200.3	90X50X3	90X50X3			3	No
Story1	D100	628	Brace	1246.4	90X50X3	90X50X3			3	No
Story1	D101	1539	Brace	1227.4	100X50X2MM	100X50X2MM			3	No
Story1	D102	1540	Brace	1193.2	100X50X2MM	100X50X2MM			3	No
Story1	D103	1541	Brace	1161	100X50X2MM	100X50X2MM			3	No
Story1	D104	1542	Brace	1131.2	100X50X2MM	100X50X2MM			3	No
Story1	D105	1543	Brace	1103.8	100X50X2MM	100X50X2MM			3	No
Story1	D106	228	Brace	1340.1	90X50X3	90X50X3			3	No
Story1	D107	229	Brace	1340.1	90X50X3	90X50X3			3	No
Story1	D108	232	Brace	1346.3	90X50X3	90X50X3			3	No
Story1	D109	233	Brace	1346.3	90X50X3	90X50X3			3	No
Story1	D110	234	Brace	1346.3	90X50X3	90X50X3			3	No
Story1	D111	273	Brace	1200.3	90X50X3	90X50X3			3	No
Story1	D112	274	Brace	1200.3	90X50X3	90X50X3			3	No
Story1	D113	275	Brace	1200.3	90X50X3	90X50X3			3	No
Story1	D114	276	Brace	1200.3	90X50X3	90X50X3			3	No
Story1	D115	277	Brace	1200.3	90X50X3	90X50X3			3	No
Story1	D116	278	Brace	1200.3	90X50X3	90X50X3			3	No
Story1	D117	285	Brace	1200.3	90X50X3	90X50X3			3	No
Story1	D118	286	Brace	1200.3	90X50X3	90X50X3			3	No
Story1	D119	287	Brace	1200.3	90X50X3	90X50X3			3	No
Story1	D120	288	Brace	1200.3	90X50X3	90X50X3			3	No
Story1	D121	289	Brace	1200.3	90X50X3	90X50X3			3	No
Story1	D122	290	Brace	1200.3	90X50X3	90X50X3			3	No
Story1	D123	291	Brace	1200.3	90X50X3	90X50X3			3	No
Story1	D124	305	Brace	1288.9	90X50X3	90X50X3			3	No
Story1	D125	306	Brace	1288.9	90X50X3	90X50X3			3	No
Story1	D126	307	Brace	1288.9	90X50X3	90X50X3			3	No
Story1	D127	308	Brace	1288.9	90X50X3	90X50X3			3	No
Story1	D130	325	Brace	1246.4	90X50X3	90X50X3			3	No
Story1	D131	326	Brace	1246.4	90X50X3	90X50X3			3	No
Story1	D132	327	Brace	1246.4	90X50X3	90X50X3			3	No
Story1	D133	328	Brace	1246.4	90X50X3	90X50X3			3	No
Story1	D136	7	Brace	1197.4	60x40x2	60x40x2			3	Yes
Story1	D137	8	Brace	1197.4	60x40x2	60x40x2			3	Yes
Story1	D174	242	Brace	1197.4	60x40x2	60x40x2			3	Yes

Table 3.2 - Frame Assignments - Summary (continued)

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing mm	Min Number Stations	Releases
Story1	D176	244	Brace	1197.4	60x40x2	60x40x2			3	Yes
Story1	D178	246	Brace	1197.4	60x40x2	60x40x2			3	Yes
Story1	D184	248	Brace	1197.4	60x40x2	60x40x2			3	Yes
Story1	D186	250	Brace	1197.4	60x40x2	60x40x2			3	Yes
Story1	D188	293	Brace	1197.4	60x40x2	60x40x2			3	Yes
Story1	D190	295	Brace	1197.4	60x40x2	60x40x2			3	Yes
Story1	D192	309	Brace	1197.4	60x40x2	60x40x2			3	Yes
Story1	D194	311	Brace	1197.4	60x40x2	60x40x2			3	Yes
Story1	D196	313	Brace	1197.4	60x40x2	60x40x2			3	Yes
Story1	D134	65	Brace	1408.9	60x40x2	60x40x2			3	Yes
Story1	D135	212	Brace	1288.6	60x40x2	60x40x2			3	Yes
Story1	D146	63	Brace	1245.5	60x40x2	60x40x2			3	Yes
Story1	D147	64	Brace	1408.9	60x40x2	60x40x2			3	Yes
Story1	D199	447	Brace	1046.5	60x40x2	60x40x2			3	Yes
Story1	D201	449	Brace	1046.5	60x40x2	60x40x2			3	Yes
Story1	D208	451	Brace	1046.5	60x40x2	60x40x2			3	Yes
Story1	D210	453	Brace	1046.5	60x40x2	60x40x2			3	Yes
Story1	D217	455	Brace	1046.5	60x40x2	60x40x2			3	Yes
Story1	D219	457	Brace	1046.5	60x40x2	60x40x2			3	Yes
Story1	D223	459	Brace	1046.5	60x40x2	60x40x2			3	Yes
Story1	D227	461	Brace	1046.5	60x40x2	60x40x2			3	Yes
Story1	D230	463	Brace	1046.5	60x40x2	60x40x2			3	Yes
Story1	D232	465	Brace	1046.5	60x40x2	60x40x2			3	Yes
Story1	D234	467	Brace	1046.5	60x40x2	60x40x2			3	Yes
Story1	D238	469	Brace	1046.5	60x40x2	60x40x2			3	Yes
Story1	D175	36	Brace	1245.5	60x40x2	60x40x2			3	Yes
Story1	D148	38	Brace	1103.8	60x40x2	60x40x2			3	Yes
Story1	D177	58	Brace	1408.9	60x40x2	60x40x2			3	Yes
Story1	D183	59	Brace	1288.6	60x40x2	60x40x2			3	Yes
Story1	D185	60	Brace	1245.5	60x40x2	60x40x2			3	Yes
Story1	D187	66	Brace	1408.9	60x40x2	60x40x2			3	Yes
Story1	D138	37	Brace	1245.5	60x40x2	60x40x2			3	Yes
Story1	D143	39	Brace	1103.8	60x40x2	60x40x2			3	Yes

4 Loads

This chapter provides loading information as applied to the model.

4.1 Load Patterns

Table 4.1 - Load Patterns

Name	Type	Self Weight Multiplier
Viva	Live	0
Psup	Superimposed Dead	0
Viva.cub	Roof Live	0

4.2 Applied Loads

4.2.1 Line Loads

Table 4.2 - Frame Loads - Distributed

Story	Label	Unique Name	Design Type	Load Pattern	LoadType	Direction	Relative Distance Start	Relative Distance End	Absolute Distance Start mm	Absolute Distance End mm	Force at Start kN/m	Force at End kN/m
Story1	B1268	1	Beam	Psup	Force	Gravity	0	1	0	3730	0.21	0.21
Story1	B1269	2	Beam	Psup	Force	Gravity	0	1	0	5000	0.21	0.21
Story1	B1270	3	Beam	Psup	Force	Gravity	0	1	0	8730	0.21	0.21
Story1	B1271	4	Beam	Psup	Force	Gravity	0	1	0	8730	0.21	0.21
Story1	B1272	5	Beam	Psup	Force	Gravity	0	1	0	5940	0.21	0.21
Story1	B1273	6	Beam	Psup	Force	Gravity	0	1	0	6850	0.21	0.21
Story1	B1274	12	Beam	Psup	Force	Gravity	0	1	0	3730	0.21	0.21
Story1	B1275	13	Beam	Psup	Force	Gravity	0	1	0	5000	0.21	0.21
Story1	B1276	14	Beam	Psup	Force	Gravity	0	1	0	8730	0.21	0.21
Story1	B1277	15	Beam	Psup	Force	Gravity	0	1	0	8730	0.21	0.21
Story1	B1278	16	Beam	Psup	Force	Gravity	0	1	0	5940	0.21	0.21
Story1	B1279	17	Beam	Psup	Force	Gravity	0	1	0	6850	0.21	0.21
Story1	B1280	23	Beam	Psup	Force	Gravity	0	1	0	3730	0.21	0.21
Story1	B1281	24	Beam	Psup	Force	Gravity	0	1	0	5000	0.21	0.21
Story1	B1282	26	Beam	Psup	Force	Gravity	0	1	0	8730	0.21	0.21
Story1	B1283	27	Beam	Psup	Force	Gravity	0	1	0	8730	0.21	0.21
Story1	B1284	28	Beam	Psup	Force	Gravity	0	1	0	5940	0.21	0.21
Story1	B1285	29	Beam	Psup	Force	Gravity	0	1	0	6850	0.21	0.21
Story1	B1286	240	Beam	Psup	Force	Gravity	0	0.198391	0	740	0.21	0.21
Story1	B1286	240	Beam	Psup	Force	Gravity	0.198391	0.801609	740	2990	0.21	0.21
Story1	B1286	240	Beam	Psup	Force	Gravity	0.801609	1	2990	3730	0.21	0.21
Story1	B1287	245	Beam	Psup	Force	Gravity	0	0.148	0	740	0.21	0.21
Story1	B1287	245	Beam	Psup	Force	Gravity	0.148	0.852	740	4260	0.21	0.21
Story1	B1287	245	Beam	Psup	Force	Gravity	0.852	1	4260	5000	0.21	0.21
Story1	B1288	292	Beam	Psup	Force	Gravity	0	0.084765	0	740	0.21	0.21
Story1	B1288	292	Beam	Psup	Force	Gravity	0.084765	0.915235	740	7990	0.21	0.21
Story1	B1288	292	Beam	Psup	Force	Gravity	0.915235	1	7990	8730	0.21	0.21
Story1	B1289	310	Beam	Psup	Force	Gravity	0	0.084765	0	740	0.21	0.21

Table 4.2 - Frame Loads - Distributed (continued)

Story	Label	Unique Name	Design Type	Load Pattern	LoadType	Direction	Relative Distance Start	Relative Distance End	Absolute Distance Start mm	Absolute Distance End mm	Force at Start kN/m	Force at End kN/m
Story1	B1289	310	Beam	Psup	Force	Gravity	0.084765	0.915235	740	7990	0.21	0.21
Story1	B1289	310	Beam	Psup	Force	Gravity	0.915235	1	7990	8730	0.21	0.21
Story1	B1290	373	Beam	Psup	Force	Gravity	0	0.124579	0	740	0.21	0.21
Story1	B1290	373	Beam	Psup	Force	Gravity	0.124579	0.875421	740	5200	0.21	0.21
Story1	B1290	373	Beam	Psup	Force	Gravity	0.875421	1	5200	5940	0.21	0.21
Story1	B1291	376	Beam	Psup	Force	Gravity	0	0.108029	0	740	0.21	0.21
Story1	B1291	376	Beam	Psup	Force	Gravity	0.108029	0.891971	740	6110	0.21	0.21
Story1	B1291	376	Beam	Psup	Force	Gravity	0.891971	1	6110	6850	0.21	0.21
Story1	B1292	46	Beam	Psup	Force	Gravity	0	1	0	3730	0.24	0.24
Story1	B1293	47	Beam	Psup	Force	Gravity	0	1	0	5000	0.24	0.24
Story1	B1294	48	Beam	Psup	Force	Gravity	0	1	0	8730	0.24	0.24
Story1	B1295	49	Beam	Psup	Force	Gravity	0	1	0	8730	0.24	0.24
Story1	B1296	50	Beam	Psup	Force	Gravity	0	1	0	5940	0.24	0.24
Story1	B1297	51	Beam	Psup	Force	Gravity	0	1	0	6850	0.24	0.24
Story1	B1298	74	Beam	Psup	Force	Gravity	0	0.226988	0	846.7	0.24	0.24
Story1	B1298	74	Beam	Psup	Force	Gravity	0.226988	0.773012	846.7	2883.3	0.24	0.24
Story1	B1298	74	Beam	Psup	Force	Gravity	0.773012	1	2883.3	3730	0.24	0.24
Story1	B1299	213	Beam	Psup	Force	Gravity	0	0.169333	0	846.7	0.24	0.24
Story1	B1299	213	Beam	Psup	Force	Gravity	0.169333	0.830667	846.7	4153.3	0.24	0.24
Story1	B1299	213	Beam	Psup	Force	Gravity	0.830667	1	4153.3	5000	0.24	0.24
Story1	B1300	219	Beam	Psup	Force	Gravity	0	0.096984	0	846.7	0.24	0.24
Story1	B1300	219	Beam	Psup	Force	Gravity	0.096984	0.903016	846.7	7883.3	0.24	0.24
Story1	B1300	219	Beam	Psup	Force	Gravity	0.903016	1	7883.3	8730	0.24	0.24
Story1	B1301	235	Beam	Psup	Force	Gravity	0	0.096984	0	846.7	0.24	0.24
Story1	B1301	235	Beam	Psup	Force	Gravity	0.096984	1	846.7	8730	0.24	0.24
Story1	B1302	237	Beam	Psup	Force	Gravity	0	0.857464	0	5093.3	0.24	0.24
Story1	B1302	237	Beam	Psup	Force	Gravity	0.857464	1	5093.3	5940	0.24	0.24
Story1	B1303	239	Beam	Psup	Force	Gravity	0	0.123601	0	846.7	0.24	0.24
Story1	B1303	239	Beam	Psup	Force	Gravity	0.123601	0.876399	846.7	6003.3	0.24	0.24
Story1	B1303	239	Beam	Psup	Force	Gravity	0.876399	1	6003.3	6850	0.24	0.24
Story1	B1304	68	Beam	Psup	Force	Gravity	0	1	0	3730	0.24	0.24
Story1	B1305	69	Beam	Psup	Force	Gravity	0	1	0	5000	0.24	0.24
Story1	B1306	70	Beam	Psup	Force	Gravity	0	1	0	8730	0.24	0.24
Story1	B1307	71	Beam	Psup	Force	Gravity	0	1	0	8730	0.24	0.24
Story1	B1308	72	Beam	Psup	Force	Gravity	0	1	0	5940	0.24	0.24
Story1	B1309	73	Beam	Psup	Force	Gravity	0	1	0	6850	0.24	0.24
Story1	B1310	79	Beam	Psup	Force	Gravity	0	1	0	3730	0.24	0.24
Story1	B1311	80	Beam	Psup	Force	Gravity	0	1	0	5000	0.24	0.24
Story1	B1312	81	Beam	Psup	Force	Gravity	0	1	0	8730	0.24	0.24
Story1	B1313	82	Beam	Psup	Force	Gravity	0	1	0	8730	0.24	0.24
Story1	B1314	83	Beam	Psup	Force	Gravity	0	1	0	5940	0.24	0.24
Story1	B1315	84	Beam	Psup	Force	Gravity	0	1	0	6850	0.24	0.24
Story1	B1316	90	Beam	Psup	Force	Gravity	0	1	0	3730	0.24	0.24
Story1	B1317	91	Beam	Psup	Force	Gravity	0	1	0	5000	0.24	0.24

Table 4.2 - Frame Loads - Distributed (continued)

Story	Label	Unique Name	Design Type	Load Pattern	LoadType	Direction	Relative Distance Start	Relative Distance End	Absolute Distance Start mm	Absolute Distance End mm	Force at Start kN/m	Force at End kN/m
Story1	B1318	92	Beam	Psup	Force	Gravity	0	1	0	8730	0.24	0.24
Story1	B1319	93	Beam	Psup	Force	Gravity	0	1	0	8730	0.24	0.24
Story1	B1320	94	Beam	Psup	Force	Gravity	0	1	0	5940	0.24	0.24
Story1	B1321	95	Beam	Psup	Force	Gravity	0	1	0	6850	0.24	0.24
Story1	B1322	102	Beam	Psup	Force	Gravity	0	1	0	3730	0.2	0.2
Story1	B1323	103	Beam	Psup	Force	Gravity	0	1	0	5000	0.2	0.2
Story1	B1324	104	Beam	Psup	Force	Gravity	0	1	0	8730	0.2	0.2
Story1	B1325	105	Beam	Psup	Force	Gravity	0	1	0	8730	0.2	0.2
Story1	B1326	106	Beam	Psup	Force	Gravity	0	1	0	5940	0.2	0.2
Story1	B1327	107	Beam	Psup	Force	Gravity	0	1	0	6850	0.2	0.2
Story1	B1268	1	Beam	Viva.cub	Force	Gravity	0	1	0	3730	1	1
Story1	B1269	2	Beam	Viva.cub	Force	Gravity	0	1	0	5000	1	1
Story1	B1270	3	Beam	Viva.cub	Force	Gravity	0	1	0	8730	1	1
Story1	B1271	4	Beam	Viva.cub	Force	Gravity	0	1	0	8730	1	1
Story1	B1272	5	Beam	Viva.cub	Force	Gravity	0	1	0	5940	1	1
Story1	B1273	6	Beam	Viva.cub	Force	Gravity	0	1	0	6850	1	1
Story1	B1274	12	Beam	Viva.cub	Force	Gravity	0	1	0	3730	1	1
Story1	B1275	13	Beam	Viva.cub	Force	Gravity	0	1	0	5000	1	1
Story1	B1276	14	Beam	Viva.cub	Force	Gravity	0	1	0	8730	1	1
Story1	B1277	15	Beam	Viva.cub	Force	Gravity	0	1	0	8730	1	1
Story1	B1278	16	Beam	Viva.cub	Force	Gravity	0	1	0	5940	1	1
Story1	B1279	17	Beam	Viva.cub	Force	Gravity	0	1	0	6850	1	1
Story1	B1280	23	Beam	Viva.cub	Force	Gravity	0	1	0	3730	1	1
Story1	B1281	24	Beam	Viva.cub	Force	Gravity	0	1	0	5000	1	1
Story1	B1282	26	Beam	Viva.cub	Force	Gravity	0	1	0	8730	1	1
Story1	B1283	27	Beam	Viva.cub	Force	Gravity	0	1	0	8730	1	1
Story1	B1284	28	Beam	Viva.cub	Force	Gravity	0	1	0	5940	1	1
Story1	B1285	29	Beam	Viva.cub	Force	Gravity	0	1	0	6850	1	1
Story1	B1286	240	Beam	Viva.cub	Force	Gravity	0	0.198391	0	740	1	1
Story1	B1286	240	Beam	Viva.cub	Force	Gravity	0.198391	0.801609	740	2990	1	1
Story1	B1286	240	Beam	Viva.cub	Force	Gravity	0.801609	1	2990	3730	1	1
Story1	B1287	245	Beam	Viva.cub	Force	Gravity	0	0.148	0	740	1	1
Story1	B1287	245	Beam	Viva.cub	Force	Gravity	0.148	0.852	740	4260	1	1
Story1	B1287	245	Beam	Viva.cub	Force	Gravity	0.852	1	4260	5000	1	1
Story1	B1288	292	Beam	Viva.cub	Force	Gravity	0	0.084765	0	740	1	1
Story1	B1288	292	Beam	Viva.cub	Force	Gravity	0.084765	0.915235	740	7990	1	1
Story1	B1288	292	Beam	Viva.cub	Force	Gravity	0.915235	1	7990	8730	1	1
Story1	B1289	310	Beam	Viva.cub	Force	Gravity	0	0.084765	0	740	1	1
Story1	B1289	310	Beam	Viva.cub	Force	Gravity	0.084765	0.915235	740	7990	1	1
Story1	B1289	310	Beam	Viva.cub	Force	Gravity	0.915235	1	7990	8730	1	1
Story1	B1290	373	Beam	Viva.cub	Force	Gravity	0	0.124579	0	740	1	1
Story1	B1290	373	Beam	Viva.cub	Force	Gravity	0.124579	0.875421	740	5200	1	1
Story1	B1290	373	Beam	Viva.cub	Force	Gravity	0.875421	1	5200	5940	1	1
Story1	B1291	376	Beam	Viva.cub	Force	Gravity	0	0.108029	0	740	1	1

Table 4.2 - Frame Loads - Distributed (continued)

Story	Label	Unique Name	Design Type	Load Pattern	LoadType	Direction	Relative Distance Start	Relative Distance End	Absolute Distance Start mm	Absolute Distance End mm	Force at Start kN/m	Force at End kN/m
Story1	B1291	376	Beam	Viva.cub	Force	Gravity	0.108029	0.891971	740	6110	1	1
Story1	B1291	376	Beam	Viva.cub	Force	Gravity	0.891971	1	6110	6850	1	1
Story1	B1292	46	Beam	Viva.cub	Force	Gravity	0	1	0	3730	1.15	1.15
Story1	B1293	47	Beam	Viva.cub	Force	Gravity	0	1	0	5000	1.15	1.15
Story1	B1294	48	Beam	Viva.cub	Force	Gravity	0	1	0	8730	1.15	1.15
Story1	B1295	49	Beam	Viva.cub	Force	Gravity	0	1	0	8730	1.15	1.15
Story1	B1296	50	Beam	Viva.cub	Force	Gravity	0	1	0	5940	1.15	1.15
Story1	B1297	51	Beam	Viva.cub	Force	Gravity	0	1	0	6850	1.15	1.15
Story1	B1298	74	Beam	Viva.cub	Force	Gravity	0	0.226988	0	846.7	1.15	1.15
Story1	B1298	74	Beam	Viva.cub	Force	Gravity	0.226988	0.773012	846.7	2883.3	1.15	1.15
Story1	B1298	74	Beam	Viva.cub	Force	Gravity	0.773012	1	2883.3	3730	1.15	1.15
Story1	B1299	213	Beam	Viva.cub	Force	Gravity	0	0.169333	0	846.7	1.15	1.15
Story1	B1299	213	Beam	Viva.cub	Force	Gravity	0.169333	0.830667	846.7	4153.3	1.15	1.15
Story1	B1299	213	Beam	Viva.cub	Force	Gravity	0.830667	1	4153.3	5000	1.15	1.15
Story1	B1300	219	Beam	Viva.cub	Force	Gravity	0	0.096984	0	846.7	1.15	1.15
Story1	B1300	219	Beam	Viva.cub	Force	Gravity	0.096984	0.903016	846.7	7883.3	1.15	1.15
Story1	B1300	219	Beam	Viva.cub	Force	Gravity	0.903016	1	7883.3	8730	1.15	1.15
Story1	B1301	235	Beam	Viva.cub	Force	Gravity	0	0.096984	0	846.7	1.15	1.15
Story1	B1301	235	Beam	Viva.cub	Force	Gravity	0.096984	1	846.7	8730	1.15	1.15
Story1	B1302	237	Beam	Viva.cub	Force	Gravity	0	0.857464	0	5093.3	1.15	1.15
Story1	B1302	237	Beam	Viva.cub	Force	Gravity	0.857464	1	5093.3	5940	1.15	1.15
Story1	B1303	239	Beam	Viva.cub	Force	Gravity	0	0.123601	0	846.7	1.15	1.15
Story1	B1303	239	Beam	Viva.cub	Force	Gravity	0.123601	0.876399	846.7	6003.3	1.15	1.15
Story1	B1303	239	Beam	Viva.cub	Force	Gravity	0.876399	1	6003.3	6850	1.15	1.15
Story1	B1304	68	Beam	Viva.cub	Force	Gravity	0	1	0	3730	1.15	1.15
Story1	B1305	69	Beam	Viva.cub	Force	Gravity	0	1	0	5000	1.15	1.15
Story1	B1306	70	Beam	Viva.cub	Force	Gravity	0	1	0	8730	1.15	1.15
Story1	B1307	71	Beam	Viva.cub	Force	Gravity	0	1	0	8730	1.15	1.15
Story1	B1308	72	Beam	Viva.cub	Force	Gravity	0	1	0	5940	1.15	1.15
Story1	B1309	73	Beam	Viva.cub	Force	Gravity	0	1	0	6850	1.15	1.15
Story1	B1310	79	Beam	Viva.cub	Force	Gravity	0	1	0	3730	1.15	1.15
Story1	B1311	80	Beam	Viva.cub	Force	Gravity	0	1	0	5000	1.15	1.15
Story1	B1312	81	Beam	Viva.cub	Force	Gravity	0	1	0	8730	1.15	1.15
Story1	B1313	82	Beam	Viva.cub	Force	Gravity	0	1	0	8730	1.15	1.15
Story1	B1314	83	Beam	Viva.cub	Force	Gravity	0	1	0	5940	1.15	1.15
Story1	B1315	84	Beam	Viva.cub	Force	Gravity	0	1	0	6850	1.15	1.15
Story1	B1316	90	Beam	Viva.cub	Force	Gravity	0	1	0	3730	1.15	1.15
Story1	B1317	91	Beam	Viva.cub	Force	Gravity	0	1	0	5000	1.15	1.15
Story1	B1318	92	Beam	Viva.cub	Force	Gravity	0	1	0	8730	1.15	1.15
Story1	B1319	93	Beam	Viva.cub	Force	Gravity	0	1	0	8730	1.15	1.15
Story1	B1320	94	Beam	Viva.cub	Force	Gravity	0	1	0	5940	1.15	1.15
Story1	B1321	95	Beam	Viva.cub	Force	Gravity	0	1	0	6850	1.15	1.15
Story1	B1322	102	Beam	Viva.cub	Force	Gravity	0	1	0	3730	0.94	0.94
Story1	B1323	103	Beam	Viva.cub	Force	Gravity	0	1	0	5000	0.94	0.94

Table 4.2 - Frame Loads - Distributed (continued)

Story	Label	Unique Name	Design Type	Load Pattern	LoadType	Direction	Relative Distance Start	Relative Distance End	Absolute Distance Start mm	Absolute Distance End mm	Force at Start kN/m	Force at End kN/m
Story1	B1324	104	Beam	Viva.cub	Force	Gravity	0	1	0	8730	0.94	0.94
Story1	B1325	105	Beam	Viva.cub	Force	Gravity	0	1	0	8730	0.94	0.94
Story1	B1326	106	Beam	Viva.cub	Force	Gravity	0	1	0	5940	0.94	0.94
Story1	B1327	107	Beam	Viva.cub	Force	Gravity	0	1	0	6850	0.94	0.94

4.3 Load Cases

Table 4.3 - Load Cases - Summary

Name	Type
Pprop	Linear Static
Viva	Linear Static
Psup	Linear Static
Viva.cub	Linear Static

4.4 Load Combinations

Table 4.4 - Load Combinations

Name	Load Case/Combo	Scale Factor	Type	Auto
B241	Dtot	1.4	Linear Add	No
B242	Dtot	1.2	Linear Add	No
B242	Viva	1.6		No
B242	Viva.cub	0.5		No

5 Analysis Results

This chapter provides analysis results.

5.1 Point Results

Table 5.1 - Joint Reactions

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story1	110	118	Pprop	-14.3571	-0.0088	22.4939	0	0	0
Story1	110	118	Viva	0	0	0	0	0	0
Story1	110	118	Psup	-5.7209	-0.0226	12.2994	0	0	0
Story1	110	118	Viva.cub	-25.2829	-0.0985	54.3569	0	0	0
Story1	110	118	B241	-26.0271	-0.0408	45.1024	0	0	0
Story1	110	118	B242	-34.9503	-0.0842	65.8377	0	0	0
Story1	115	119	Pprop	0	0	9.782	0	0	0
Story1	115	119	Viva	0	0	0	0	0	0
Story1	115	119	Psup	0	0	3.8003	0	0	0
Story1	115	119	Viva.cub	0	0	16.7825	0	0	0
Story1	115	119	B241	0	0	17.6067	0	0	0
Story1	115	119	B242	0	0	23.4827	0	0	0
Story1	160	141	Pprop	12.1087	-0.0085	10.929	0	0	0
Story1	160	141	Viva	0	0	0	0	0	0
Story1	160	141	Psup	5.3355	0.0168	11.6015	0	0	0
Story1	160	141	Viva.cub	23.5805	0.0731	51.2781	0	0	0
Story1	160	141	B241	22.6129	0.0108	29.2062	0	0	0
Story1	160	141	B242	31.1727	0.0458	50.6729	0	0	0
Story1	161	142	Pprop	0	0	3.8777	0	0	0
Story1	161	142	Viva	0	0	0	0	0	0
Story1	161	142	Psup	0	0	3.3382	0	0	0
Story1	161	142	Viva.cub	0	0	14.7399	0	0	0
Story1	161	142	B241	0	0	9.3539	0	0	0
Story1	161	142	B242	0	0	15.3876	0	0	0
Story1	193	174	Pprop	0.9492	0.0159	18.0713	0	0	0
Story1	193	174	Viva	0	0	0	0	0	0
Story1	193	174	Psup	0.447	0.0047	17.0028	0	0	0
Story1	193	174	Viva.cub	1.9758	0.0202	75.1493	0	0	0
Story1	193	174	B241	1.8099	0.0267	45.4665	0	0	0
Story1	193	174	B242	2.5392	0.033	76.5459	0	0	0
Story1	194	176	Pprop	0	0	8.1846	0	0	0
Story1	194	176	Viva	0	0	0	0	0	0
Story1	194	176	Psup	0	0	5.4263	0	0	0
Story1	194	176	Viva.cub	0	0	23.9629	0	0	0
Story1	194	176	B241	0	0	17.6438	0	0	0
Story1	194	176	B242	0	0	27.1047	0	0	0
Story1	223	207	Pprop	0.1524	0.0095	15.5916	0	0	0
Story1	223	207	Viva	0	0	0	0	0	0
Story1	223	207	Psup	-0.2629	0.0101	13.5844	0	0	0
Story1	223	207	Viva.cub	-1.1634	0.0443	60.0359	0	0	0
Story1	223	207	B241	-0.1432	0.0254	37.8207	0	0	0

Table 5.1 - Joint Reactions (continued)

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Story1	223	207	B242	-0.7045	0.0439	62.4357	0	0	0
Story1	224	208	Pprop	0	0	6.3435	0	0	0
Story1	224	208	Viva	0	0	0	0	0	0
Story1	224	208	Psup	0	0	3.907	0	0	0
Story1	224	208	Viva.cub	0	0	17.2508	0	0	0
Story1	224	208	B241	0	0	13.2877	0	0	0
Story1	224	208	B242	0	0	20.0149	0	0	0
Story1	264	243	Pprop	1.9808	0.0152	14.354	0	0	0
Story1	264	243	Viva	0	0	0	0	0	0
Story1	264	243	Psup	1.3223	0.0087	12.3465	0	0	0
Story1	264	243	Viva.cub	5.8472	0.038	54.5718	0	0	0
Story1	264	243	B241	4.2818	0.031	34.6119	0	0	0
Story1	264	243	B242	6.5937	0.0456	56.9532	0	0	0
Story1	265	244	Pprop	0	0	6.2837	0	0	0
Story1	265	244	Viva	0	0	0	0	0	0
Story1	265	244	Psup	0	0	4.016	0	0	0
Story1	265	244	Viva.cub	0	0	17.7361	0	0	0
Story1	265	244	B241	0	0	13.3514	0	0	0
Story1	265	244	B242	0	0	20.3121	0	0	0
Story1	292	267	Pprop	-0.8341	-0.0233	9.029	0	0	0
Story1	292	267	Viva	0	0	0	0	0	0
Story1	292	267	Psup	-1.121	-0.0176	5.4463	0	0	0
Story1	292	267	Viva.cub	-4.9571	-0.0771	24.0693	0	0	0
Story1	292	267	B241	-2.5343	-0.0531	18.7643	0	0	0
Story1	292	267	B242	-4.6509	-0.084	28.1183	0	0	0
Story1	293	268	Pprop	0	0	3.7052	0	0	0
Story1	293	268	Viva	0	0	0	0	0	0
Story1	293	268	Psup	0	0	1.5316	0	0	0
Story1	293	268	Viva.cub	0	0	6.7627	0	0	0
Story1	293	268	B241	0	0	6.7884	0	0	0
Story1	293	268	B242	0	0	9.2	0	0	0

5.2 Modal Results

Table 5.2 - Modal Periods and Frequencies

Case	Mode	Period sec	Frequency cyc/sec	Circular Frequency rad/sec	Eigenvalue rad²/sec²
Modal	1	0.554	1.806	11.3472	128.7598
Modal	2	0.294	3.403	21.3842	457.2821
Modal	3	0.289	3.457	21.718	471.6713
Modal	4	0.287	3.486	21.9044	479.801
Modal	5	0.287	3.488	21.9127	480.1654
Modal	6	0.285	3.515	22.0836	487.6868
Modal	7	0.284	3.517	22.0988	488.3573
Modal	8	0.265	3.768	23.6768	560.5904

Table 5.2 - Modal Periods and Frequencies (continued)

Case	Mode	Period sec	Frequency cyc/sec	Circular Frequency rad/sec	Eigenvalue rad²/sec²
Modal	9	0.264	3.795	23.8437	568.5199
Modal	10	0.261	3.83	24.067	579.2199
Modal	11	0.184	5.431	34.1233	1164.3978
Modal	12	0.179	5.584	35.0857	1231.0082

6 Design Data

This chapter provides design data and results.

6.1 Steel Frame Design

Table 6.1 - Steel Frame Preferences - AISC 360-10

Item	Value
Multi-Response Design	Step-by-Step - All
Frame Type	SMF
Seismic Design Grade	D
Importance Factor	1
Design System Rho	1
Design System Sds	0.5
Design System R	8
Design System Omega0	3
Design System Cd	5.5
Design Provision	LRFD
Analysis Method	Direct Analysis
Second Order Method	General 2nd Order
Stiffness Reduction Method	Tau-b Fixed
Phi (Bending)	0.9
Phi (Compression)	0.9
Phi (Tension-Yielding)	0.9
Phi (Tension-Fracture)	0.75
Phi (Shear)	0.9
Phi (Shear-Short Webbed Rolled I)	1
Phi (Torsion)	0.9
Ignore Seismic Code?	Yes
Ignore Special Seismic Load?	Yes
Doubler Plate Plug-Welded?	Yes
HSS Welding Type	ERW
Reduced HSS Thickness	No
Consider Deflection?	Yes
DL Ratio	120
SDL+LL Ratio	120
LL Ratio	360
Total Ratio	240
Total Camber Limit	240
Pattern Live Load Factor	0.75
D/C Ratio Limit	0.99

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	C197	1521	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C200	1545	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C211	1623	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C214	1666	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C225	1793	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	C228	1870	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C242	1985	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C256	2092	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C270	2151	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C284	2210	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C130	577	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C132	579	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C134	706	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C136	707	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C138	708	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C140	709	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C142	710	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C144	591	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C146	711	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C148	712	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C150	713	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C152	714	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C154	715	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C156	716	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C158	670	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C160	669	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C162	609	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C164	666	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C166	613	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C168	615	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C170	736	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C172	737	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C174	738	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C176	623	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C178	739	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C180	740	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C182	741	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C184	742	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C3	581	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C7	583	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C11	990	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C15	1003	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C23	991	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C31	1004	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C41	992	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C45	1005	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C49	993	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C53	1006	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C57	994	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C61	1007	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	C65	995	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C69	1008	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C73	970	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C77	969	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C81	617	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C85	966	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C89	621	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C93	624	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C97	1016	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C101	1019	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C105	1020	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C109	748	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C113	1025	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C117	1026	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C121	1027	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C125	1028	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C487	1591	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C489	1592	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C491	1593	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C493	1607	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C495	1608	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C501	1620	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C510	1697	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C511	1698	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C512	1699	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C513	1703	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C514	1705	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C517	1711	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C523	1903	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C524	1904	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C525	1905	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C526	1916	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C527	1917	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C530	1930	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C531	1933	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C537	2027	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C538	2028	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C539	2029	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C540	2040	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C541	2041	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C544	2054	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C545	2057	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C551	2110	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C552	2112	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C553	2113	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	C554	2117	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C555	2118	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C558	2124	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C559	2127	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C565	2169	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C566	2170	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C567	2171	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C568	2175	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C569	2176	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C572	2182	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C573	2187	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C579	2227	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C580	2228	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C581	2229	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C582	2235	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C583	2236	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C586	2242	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C5	9	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C13	19	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C16	22	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C19	34	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C20	41	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C22	45	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C26	97	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C28	98	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C32	99	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C35	100	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C37	101	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C39	108	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C71	129	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C74	139	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C76	141	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C79	143	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C82	145	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C84	147	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C87	149	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C90	151	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C92	155	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C94	156	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C95	157	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C102	171	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C104	180	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C107	182	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C110	184	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C112	186	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	C163	1618	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C165	1709	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C167	1928	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C169	2052	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C171	2122	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C173	2180	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C175	2240	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C9	1546	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C12	1547	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C17	1548	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C21	1549	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C24	118	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C25	119	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C27	120	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C29	121	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C30	130	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C33	162	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C34	163	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C36	164	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C38	165	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C40	172	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C42	202	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C43	203	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C44	204	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C46	205	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C47	206	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C48	333	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C50	334	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C51	335	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C52	336	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C54	337	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C55	348	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C56	349	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C58	350	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C59	351	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C60	352	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C62	363	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C63	364	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C64	365	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C66	366	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C67	367	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C68	1281	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C70	1283	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C72	1313	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C75	1319	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	C78	1371	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C80	622	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C83	1590	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C86	226	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C88	227	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C91	230	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C96	231	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C98	267	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C99	268	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C100	269	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C103	270	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C106	271	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C108	272	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C111	279	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C114	280	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C177	281	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C179	282	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C181	283	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C183	284	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C185	302	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C186	303	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C187	304	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C188	321	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C189	322	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	C190	323	Column	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B27	1522	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B98	1523	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B115	1526	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B116	1527	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B117	1528	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B118	1532	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B119	1534	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B120	1535	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B146	1624	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B147	1625	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B154	1628	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B159	1629	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B164	1637	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B165	1641	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B174	1642	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B175	1643	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B182	1794	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B183	1795	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B184	1820	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B185	1838	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	B186	1839	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B187	1846	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B188	1851	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B189	1852	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B212	1934	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B213	1942	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B214	1945	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B215	1946	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B216	1947	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B217	1958	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B218	1959	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B219	1960	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B226	2058	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B235	2061	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B236	2064	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B237	2065	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B238	2066	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B239	2070	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B240	2071	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B241	2072	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B248	2128	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B249	2129	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B250	2134	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B251	2135	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B252	2136	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B253	2140	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B254	2141	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B255	2142	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B262	2188	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B263	2189	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B264	2192	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B265	2193	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B266	2194	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B267	2198	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B268	2199	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B269	2200	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B404	905	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B405	912	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B406	913	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B407	920	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B408	971	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B409	978	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B410	979	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B411	986	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B446	1575	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	B447	1577	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B448	1581	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B449	1584	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B450	1601	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B451	1605	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B452	1611	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B453	1616	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B464	1835	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B465	1837	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B469	1847	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B470	1850	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B497	1863	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B498	1867	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B503	1883	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B504	1888	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B3	377	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B4	378	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B5	379	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B7	381	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B8	382	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B9	383	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B10	384	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B11	385	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B12	386	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B13	387	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B14	388	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B15	389	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B16	390	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B17	391	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B18	392	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B19	393	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B20	394	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B21	395	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B22	396	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B23	397	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B24	398	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B25	399	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B26	400	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B28	401	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B29	402	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B30	403	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B31	404	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B32	405	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B33	406	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B34	407	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	B35	408	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B36	409	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B37	410	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B72	632	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B73	633	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B74	634	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B75	635	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B76	636	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B77	637	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B78	638	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B79	639	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B80	640	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B81	641	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B82	642	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B83	643	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B84	644	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B85	645	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B86	646	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B87	647	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B88	648	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B89	649	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B90	650	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B91	651	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B92	652	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B93	653	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B94	654	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B95	655	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B96	656	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B97	657	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B99	658	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B100	659	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B101	660	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B102	661	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B103	662	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B104	663	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B105	664	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B106	665	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B204	797	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B205	798	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B206	799	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B208	800	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B220	801	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B227	802	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B228	804	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B229	805	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	B230	806	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B231	807	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B232	808	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B233	809	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B234	810	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B242	811	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B256	812	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B270	814	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B284	815	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B285	816	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B286	817	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B287	818	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B288	819	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B289	820	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B290	821	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B291	822	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B292	823	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B306	938	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B313	939	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B314	940	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B317	941	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B318	942	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B319	943	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B320	944	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B321	945	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B322	946	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B781	1550	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B782	1568	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B783	1578	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B804	1579	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B805	1580	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B825	1594	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B826	1596	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B827	1606	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B828	1609	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B829	1610	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B840	1617	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B841	1621	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B842	1622	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B844	1677	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B845	1678	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B858	1679	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B859	1680	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B860	1681	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B887	1700	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	B888	1701	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B889	1702	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B890	1706	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B891	1707	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B892	1708	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B917	1712	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B918	1713	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B920	1880	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B921	1881	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B922	1882	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B923	1889	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B938	1890	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B956	1906	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B957	1914	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B958	1915	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B959	1918	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B960	1919	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B961	1920	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B962	1931	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1029	1932	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1031	1997	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1032	1998	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1033	1999	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1034	2013	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1035	2014	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1041	2030	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1042	2038	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1043	2039	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1044	2042	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1045	2043	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1046	2044	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1047	2055	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1048	2056	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1050	2098	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1051	2099	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1052	2100	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1053	2101	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1054	2102	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1060	2114	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1061	2115	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1062	2116	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1063	2119	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1064	2120	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1065	2121	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1066	2125	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	B1067	2126	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1069	2156	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1070	2158	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1071	2160	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1072	2161	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1073	2162	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1079	2172	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1080	2173	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1087	2174	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1088	2177	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1095	2178	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1096	2179	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1103	2184	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1104	2186	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1112	2216	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1119	2217	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1120	2218	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1127	2219	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1128	2220	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1146	2230	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1147	2232	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1148	2234	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1149	2237	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1150	2238	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1151	2239	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1152	2243	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1153	2244	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B39	11	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B43	32	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B46	78	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B47	85	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B48	86	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B49	87	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B50	88	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B51	89	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B54	132	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B55	133	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B56	134	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B57	135	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B58	136	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B59	137	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B64	175	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B65	176	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B66	177	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B67	178	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	B68	179	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B69	188	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B70	189	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B71	190	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B108	192	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B109	193	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B110	194	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B111	195	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B114	197	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B121	198	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B138	215	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B139	216	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B140	217	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B145	222	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B148	223	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B149	224	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B150	225	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B178	251	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B179	252	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B180	253	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B181	254	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B190	255	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B191	256	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B192	257	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B193	258	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B194	259	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B195	260	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B196	261	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B197	262	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B198	263	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B199	264	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B200	265	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B201	266	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B261	297	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B271	298	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B272	299	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B273	300	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B274	301	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B294	315	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B295	316	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B296	317	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B297	318	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B298	319	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B299	320	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B38	31	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	B40	52	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B41	53	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B42	54	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B45	55	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B52	131	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B53	138	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B60	140	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B62	142	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B63	144	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B112	173	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B113	174	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B122	181	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B123	183	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B124	185	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B125	207	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B126	208	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B127	209	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B128	210	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B129	211	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B130	338	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B131	339	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B132	340	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B133	341	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B134	342	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B202	353	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B203	354	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B315	355	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B316	356	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B323	357	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B324	368	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B325	369	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B326	370	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B327	371	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B328	372	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B335	413	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B336	414	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B337	415	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B338	416	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B339	417	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B340	418	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B341	419	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B342	420	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B343	421	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B344	422	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B345	423	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	B346	424	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B347	425	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B348	426	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B349	427	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B350	428	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B351	429	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B352	430	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B353	431	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B354	432	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B355	433	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B356	434	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B357	435	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B358	436	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B359	437	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B360	438	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B361	439	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B362	440	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B363	441	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B364	442	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B365	443	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B366	444	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B367	445	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B368	446	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B1	10	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B2	18	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B135	25	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B136	30	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B137	33	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	B141	56	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1097	906	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1098	907	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1099	908	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1100	909	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1101	910	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1102	911	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1105	914	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1106	915	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1107	916	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1108	917	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1109	918	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1110	919	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1113	972	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1114	973	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1115	974	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1116	975	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
NE+7.48	B1117	976	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1118	977	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1121	980	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1122	981	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1123	982	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1124	983	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1125	984	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1126	985	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1447	1576	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1450	1582	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1451	1583	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1454	1602	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1455	1603	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1456	1604	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1459	1612	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1460	1613	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1461	1614	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1462	1615	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1499	1836	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1508	1848	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1509	1849	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1520	1864	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1521	1865	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1522	1866	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1535	1884	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1536	1885	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1537	1886	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
NE+7.48	B1538	1887	Beam	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D224	1525	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D225	1529	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D228	1536	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D236	1627	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D237	1638	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D240	1651	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D248	1797	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D249	1840	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D252	1853	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D260	1944	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D261	1948	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D264	1961	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D272	2063	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D273	2067	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D276	2075	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D284	2132	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D285	2137	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	D288	2143	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D296	2191	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D297	2195	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D300	2201	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D69	667	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D70	668	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D71	671	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D72	672	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D73	673	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D74	674	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D75	675	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D76	680	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D77	692	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D78	693	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D79	694	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D80	695	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D81	717	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D82	718	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D83	719	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D84	728	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D85	729	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D86	730	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D87	731	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D88	732	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D89	733	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D90	734	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D91	735	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D92	743	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D93	744	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D94	745	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D95	746	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D96	747	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D128	937	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D129	959	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D139	1595	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D140	1694	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D141	1695	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D142	1704	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D149	967	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D150	968	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D151	987	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D152	988	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D153	989	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D154	996	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D155	997	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	D156	998	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D157	999	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D158	1000	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D159	1001	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D160	1002	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D161	1009	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D162	1010	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D163	1011	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D164	1012	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D165	1013	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D166	1014	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D167	1015	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D168	1021	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D169	1022	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D170	1023	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D171	1024	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D172	1029	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D179	1030	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D180	1031	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D181	1032	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D182	1033	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D394	1017	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D395	1018	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D396	2073	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D397	2089	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D398	2091	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D399	2109	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D202	1524	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D203	1530	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D204	1531	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D205	1537	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D206	1538	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D211	1626	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D212	1639	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D213	1640	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D214	1652	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D215	1653	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D220	1796	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D221	1844	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D405	1845	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D406	1854	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D407	1859	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D412	1943	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D413	1956	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D414	1957	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	D415	1962	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D416	1979	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D421	2062	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D422	2068	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D423	2069	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D424	2077	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D425	2079	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D430	2130	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D431	2138	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D432	2139	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D433	2144	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D434	2145	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D439	2190	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D440	2196	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D441	2197	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D442	2202	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D443	2203	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D14	20	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D15	21	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D16	42	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D17	43	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D18	44	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D19	109	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D20	110	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D21	111	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D22	112	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D23	113	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D24	114	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D25	115	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D40	122	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D41	123	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D42	124	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D43	125	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D44	126	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D45	127	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D46	128	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D47	158	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D48	159	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D49	160	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D50	161	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D51	166	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D52	167	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D53	168	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D54	169	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D55	170	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	D56	885	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D57	893	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D58	1468	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D59	1472	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D60	1474	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D61	1483	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D1	76	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D2	77	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D3	96	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D4	116	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D5	117	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D6	146	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D7	148	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D8	150	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D9	152	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D10	154	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D11	187	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D12	196	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D13	199	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D26	200	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D27	201	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D28	324	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D29	329	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D30	330	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D31	331	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D32	332	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D33	343	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D34	344	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D35	345	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D36	346	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D37	347	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D38	358	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D39	359	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D62	360	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D63	361	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D64	362	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D65	1083	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D66	1084	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D67	2074	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D68	2090	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D97	2093	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D98	2111	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D99	589	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D100	628	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D101	1539	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	D102	1540	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D103	1541	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D104	1542	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D105	1543	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D106	228	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D107	229	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D108	232	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D109	233	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D110	234	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D111	273	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D112	274	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D113	275	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D114	276	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D115	277	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D116	278	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D117	285	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D118	286	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D119	287	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D120	288	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D121	289	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D122	290	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D123	291	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D124	305	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D125	306	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D126	307	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D127	308	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D130	325	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D131	326	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D132	327	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D133	328	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D136	7	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D137	8	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D174	242	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D176	244	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D178	246	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D184	248	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D186	250	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D188	293	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D190	295	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D192	309	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D194	311	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D196	313	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D134	65	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D135	212	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D146	63	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 1 of 6, continued)

Story	Label	Unique Name	Design Type	Design Section	Frame Type	Omega0	Check Deflection?	Deflection Type
Story1	D147	64	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D199	447	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D201	449	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D208	451	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D210	453	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D217	455	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D219	457	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D223	459	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D227	461	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D230	463	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D232	465	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D234	467	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D238	469	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D175	36	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D148	38	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D177	58	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D183	59	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D185	60	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D187	66	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D138	37	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio
Story1	D143	39	Brace	Program Determined	Special Moment Frame, SMF	3	Yes	Ratio

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	C197	1521	120	120	360	240	240				
Story1	C200	1545	120	120	360	240	240				
Story1	C211	1623	120	120	360	240	240				
Story1	C214	1666	120	120	360	240	240				
Story1	C225	1793	120	120	360	240	240				
Story1	C228	1870	120	120	360	240	240				
Story1	C242	1985	120	120	360	240	240				
Story1	C256	2092	120	120	360	240	240				
Story1	C270	2151	120	120	360	240	240				
Story1	C284	2210	120	120	360	240	240				
Story1	C130	577	120	120	360	240	240				
Story1	C132	579	120	120	360	240	240				
Story1	C134	706	120	120	360	240	240				
Story1	C136	707	120	120	360	240	240				
Story1	C138	708	120	120	360	240	240				
Story1	C140	709	120	120	360	240	240				
Story1	C142	710	120	120	360	240	240				
Story1	C144	591	120	120	360	240	240				
Story1	C146	711	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	C148	712	120	120	360	240	240				
Story1	C150	713	120	120	360	240	240				
Story1	C152	714	120	120	360	240	240				
Story1	C154	715	120	120	360	240	240				
Story1	C156	716	120	120	360	240	240				
Story1	C158	670	120	120	360	240	240				
Story1	C160	669	120	120	360	240	240				
Story1	C162	609	120	120	360	240	240				
Story1	C164	666	120	120	360	240	240				
Story1	C166	613	120	120	360	240	240				
Story1	C168	615	120	120	360	240	240				
Story1	C170	736	120	120	360	240	240				
Story1	C172	737	120	120	360	240	240				
Story1	C174	738	120	120	360	240	240				
Story1	C176	623	120	120	360	240	240				
Story1	C178	739	120	120	360	240	240				
Story1	C180	740	120	120	360	240	240				
Story1	C182	741	120	120	360	240	240				
Story1	C184	742	120	120	360	240	240				
Story1	C3	581	120	120	360	240	240				
Story1	C7	583	120	120	360	240	240				
Story1	C11	990	120	120	360	240	240				
Story1	C15	1003	120	120	360	240	240				
Story1	C23	991	120	120	360	240	240				
Story1	C31	1004	120	120	360	240	240				
Story1	C41	992	120	120	360	240	240				
Story1	C45	1005	120	120	360	240	240				
Story1	C49	993	120	120	360	240	240				
Story1	C53	1006	120	120	360	240	240				
Story1	C57	994	120	120	360	240	240				
Story1	C61	1007	120	120	360	240	240				
Story1	C65	995	120	120	360	240	240				
Story1	C69	1008	120	120	360	240	240				
Story1	C73	970	120	120	360	240	240				
Story1	C77	969	120	120	360	240	240				
Story1	C81	617	120	120	360	240	240				
Story1	C85	966	120	120	360	240	240				
Story1	C89	621	120	120	360	240	240				
Story1	C93	624	120	120	360	240	240				
Story1	C97	1016	120	120	360	240	240				
Story1	C101	1019	120	120	360	240	240				
Story1	C105	1020	120	120	360	240	240				
Story1	C109	748	120	120	360	240	240				
Story1	C113	1025	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	C117	1026	120	120	360	240	240				
Story1	C121	1027	120	120	360	240	240				
Story1	C125	1028	120	120	360	240	240				
Story1	C487	1591	120	120	360	240	240				
Story1	C489	1592	120	120	360	240	240				
Story1	C491	1593	120	120	360	240	240				
Story1	C493	1607	120	120	360	240	240				
Story1	C495	1608	120	120	360	240	240				
Story1	C501	1620	120	120	360	240	240				
Story1	C510	1697	120	120	360	240	240				
Story1	C511	1698	120	120	360	240	240				
Story1	C512	1699	120	120	360	240	240				
Story1	C513	1703	120	120	360	240	240				
Story1	C514	1705	120	120	360	240	240				
Story1	C517	1711	120	120	360	240	240				
Story1	C523	1903	120	120	360	240	240				
Story1	C524	1904	120	120	360	240	240				
Story1	C525	1905	120	120	360	240	240				
Story1	C526	1916	120	120	360	240	240				
Story1	C527	1917	120	120	360	240	240				
Story1	C530	1930	120	120	360	240	240				
Story1	C531	1933	120	120	360	240	240				
Story1	C537	2027	120	120	360	240	240				
Story1	C538	2028	120	120	360	240	240				
Story1	C539	2029	120	120	360	240	240				
Story1	C540	2040	120	120	360	240	240				
Story1	C541	2041	120	120	360	240	240				
Story1	C544	2054	120	120	360	240	240				
Story1	C545	2057	120	120	360	240	240				
Story1	C551	2110	120	120	360	240	240				
Story1	C552	2112	120	120	360	240	240				
Story1	C553	2113	120	120	360	240	240				
Story1	C554	2117	120	120	360	240	240				
Story1	C555	2118	120	120	360	240	240				
Story1	C558	2124	120	120	360	240	240				
Story1	C559	2127	120	120	360	240	240				
Story1	C565	2169	120	120	360	240	240				
Story1	C566	2170	120	120	360	240	240				
Story1	C567	2171	120	120	360	240	240				
Story1	C568	2175	120	120	360	240	240				
Story1	C569	2176	120	120	360	240	240				
Story1	C572	2182	120	120	360	240	240				
Story1	C573	2187	120	120	360	240	240				
Story1	C579	2227	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	C580	2228	120	120	360	240	240				
Story1	C581	2229	120	120	360	240	240				
Story1	C582	2235	120	120	360	240	240				
Story1	C583	2236	120	120	360	240	240				
Story1	C586	2242	120	120	360	240	240				
Story1	C5	9	120	120	360	240	240				
Story1	C13	19	120	120	360	240	240				
Story1	C16	22	120	120	360	240	240				
Story1	C19	34	120	120	360	240	240				
Story1	C20	41	120	120	360	240	240				
Story1	C22	45	120	120	360	240	240				
Story1	C26	97	120	120	360	240	240				
Story1	C28	98	120	120	360	240	240				
Story1	C32	99	120	120	360	240	240				
Story1	C35	100	120	120	360	240	240				
Story1	C37	101	120	120	360	240	240				
Story1	C39	108	120	120	360	240	240				
Story1	C71	129	120	120	360	240	240				
Story1	C74	139	120	120	360	240	240				
Story1	C76	141	120	120	360	240	240				
Story1	C79	143	120	120	360	240	240				
Story1	C82	145	120	120	360	240	240				
Story1	C84	147	120	120	360	240	240				
Story1	C87	149	120	120	360	240	240				
Story1	C90	151	120	120	360	240	240				
Story1	C92	155	120	120	360	240	240				
Story1	C94	156	120	120	360	240	240				
Story1	C95	157	120	120	360	240	240				
Story1	C102	171	120	120	360	240	240				
Story1	C104	180	120	120	360	240	240				
Story1	C107	182	120	120	360	240	240				
Story1	C110	184	120	120	360	240	240				
Story1	C112	186	120	120	360	240	240				
Story1	C163	1618	120	120	360	240	240				
Story1	C165	1709	120	120	360	240	240				
Story1	C167	1928	120	120	360	240	240				
Story1	C169	2052	120	120	360	240	240				
Story1	C171	2122	120	120	360	240	240				
Story1	C173	2180	120	120	360	240	240				
Story1	C175	2240	120	120	360	240	240				
Story1	C9	1546	120	120	360	240	240				
Story1	C12	1547	120	120	360	240	240				
Story1	C17	1548	120	120	360	240	240				
Story1	C21	1549	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	C24	118	120	120	360	240	240				
Story1	C25	119	120	120	360	240	240				
Story1	C27	120	120	120	360	240	240				
Story1	C29	121	120	120	360	240	240				
Story1	C30	130	120	120	360	240	240				
Story1	C33	162	120	120	360	240	240				
Story1	C34	163	120	120	360	240	240				
Story1	C36	164	120	120	360	240	240				
Story1	C38	165	120	120	360	240	240				
Story1	C40	172	120	120	360	240	240				
Story1	C42	202	120	120	360	240	240				
Story1	C43	203	120	120	360	240	240				
Story1	C44	204	120	120	360	240	240				
Story1	C46	205	120	120	360	240	240				
Story1	C47	206	120	120	360	240	240				
Story1	C48	333	120	120	360	240	240				
Story1	C50	334	120	120	360	240	240				
Story1	C51	335	120	120	360	240	240				
Story1	C52	336	120	120	360	240	240				
Story1	C54	337	120	120	360	240	240				
Story1	C55	348	120	120	360	240	240				
Story1	C56	349	120	120	360	240	240				
Story1	C58	350	120	120	360	240	240				
Story1	C59	351	120	120	360	240	240				
Story1	C60	352	120	120	360	240	240				
Story1	C62	363	120	120	360	240	240				
Story1	C63	364	120	120	360	240	240				
Story1	C64	365	120	120	360	240	240				
Story1	C66	366	120	120	360	240	240				
Story1	C67	367	120	120	360	240	240				
Story1	C68	1281	120	120	360	240	240				
Story1	C70	1283	120	120	360	240	240				
Story1	C72	1313	120	120	360	240	240				
Story1	C75	1319	120	120	360	240	240				
Story1	C78	1371	120	120	360	240	240				
Story1	C80	622	120	120	360	240	240				
Story1	C83	1590	120	120	360	240	240				
Story1	C86	226	120	120	360	240	240				
Story1	C88	227	120	120	360	240	240				
Story1	C91	230	120	120	360	240	240				
Story1	C96	231	120	120	360	240	240				
Story1	C98	267	120	120	360	240	240				
Story1	C99	268	120	120	360	240	240				
Story1	C100	269	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	C103	270	120	120	360	240	240				
Story1	C106	271	120	120	360	240	240				
Story1	C108	272	120	120	360	240	240				
Story1	C111	279	120	120	360	240	240				
Story1	C114	280	120	120	360	240	240				
Story1	C177	281	120	120	360	240	240				
Story1	C179	282	120	120	360	240	240				
Story1	C181	283	120	120	360	240	240				
Story1	C183	284	120	120	360	240	240				
Story1	C185	302	120	120	360	240	240				
Story1	C186	303	120	120	360	240	240				
Story1	C187	304	120	120	360	240	240				
Story1	C188	321	120	120	360	240	240				
Story1	C189	322	120	120	360	240	240				
Story1	C190	323	120	120	360	240	240				
Story1	B27	1522	120	120	360	240	240				
Story1	B98	1523	120	120	360	240	240				
Story1	B115	1526	120	120	360	240	240				
Story1	B116	1527	120	120	360	240	240				
Story1	B117	1528	120	120	360	240	240				
Story1	B118	1532	120	120	360	240	240				
Story1	B119	1534	120	120	360	240	240				
Story1	B120	1535	120	120	360	240	240				
Story1	B146	1624	120	120	360	240	240				
Story1	B147	1625	120	120	360	240	240				
Story1	B154	1628	120	120	360	240	240				
Story1	B159	1629	120	120	360	240	240				
Story1	B164	1637	120	120	360	240	240				
Story1	B165	1641	120	120	360	240	240				
Story1	B174	1642	120	120	360	240	240				
Story1	B175	1643	120	120	360	240	240				
Story1	B182	1794	120	120	360	240	240				
Story1	B183	1795	120	120	360	240	240				
Story1	B184	1820	120	120	360	240	240				
Story1	B185	1838	120	120	360	240	240				
Story1	B186	1839	120	120	360	240	240				
Story1	B187	1846	120	120	360	240	240				
Story1	B188	1851	120	120	360	240	240				
Story1	B189	1852	120	120	360	240	240				
Story1	B212	1934	120	120	360	240	240				
Story1	B213	1942	120	120	360	240	240				
Story1	B214	1945	120	120	360	240	240				
Story1	B215	1946	120	120	360	240	240				
Story1	B216	1947	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	B217	1958	120	120	360	240	240				
Story1	B218	1959	120	120	360	240	240				
Story1	B219	1960	120	120	360	240	240				
Story1	B226	2058	120	120	360	240	240				
Story1	B235	2061	120	120	360	240	240				
Story1	B236	2064	120	120	360	240	240				
Story1	B237	2065	120	120	360	240	240				
Story1	B238	2066	120	120	360	240	240				
Story1	B239	2070	120	120	360	240	240				
Story1	B240	2071	120	120	360	240	240				
Story1	B241	2072	120	120	360	240	240				
Story1	B248	2128	120	120	360	240	240				
Story1	B249	2129	120	120	360	240	240				
Story1	B250	2134	120	120	360	240	240				
Story1	B251	2135	120	120	360	240	240				
Story1	B252	2136	120	120	360	240	240				
Story1	B253	2140	120	120	360	240	240				
Story1	B254	2141	120	120	360	240	240				
Story1	B255	2142	120	120	360	240	240				
Story1	B262	2188	120	120	360	240	240				
Story1	B263	2189	120	120	360	240	240				
Story1	B264	2192	120	120	360	240	240				
Story1	B265	2193	120	120	360	240	240				
Story1	B266	2194	120	120	360	240	240				
Story1	B267	2198	120	120	360	240	240				
Story1	B268	2199	120	120	360	240	240				
Story1	B269	2200	120	120	360	240	240				
Story1	B404	905	120	120	360	240	240				
Story1	B405	912	120	120	360	240	240				
Story1	B406	913	120	120	360	240	240				
Story1	B407	920	120	120	360	240	240				
Story1	B408	971	120	120	360	240	240				
Story1	B409	978	120	120	360	240	240				
Story1	B410	979	120	120	360	240	240				
Story1	B411	986	120	120	360	240	240				
Story1	B446	1575	120	120	360	240	240				
Story1	B447	1577	120	120	360	240	240				
Story1	B448	1581	120	120	360	240	240				
Story1	B449	1584	120	120	360	240	240				
Story1	B450	1601	120	120	360	240	240				
Story1	B451	1605	120	120	360	240	240				
Story1	B452	1611	120	120	360	240	240				
Story1	B453	1616	120	120	360	240	240				
Story1	B464	1835	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	B465	1837	120	120	360	240	240				
Story1	B469	1847	120	120	360	240	240				
Story1	B470	1850	120	120	360	240	240				
Story1	B497	1863	120	120	360	240	240				
Story1	B498	1867	120	120	360	240	240				
Story1	B503	1883	120	120	360	240	240				
Story1	B504	1888	120	120	360	240	240				
Story1	B3	377	120	120	360	240	240				
Story1	B4	378	120	120	360	240	240				
Story1	B5	379	120	120	360	240	240				
Story1	B7	381	120	120	360	240	240				
Story1	B8	382	120	120	360	240	240				
Story1	B9	383	120	120	360	240	240				
Story1	B10	384	120	120	360	240	240				
Story1	B11	385	120	120	360	240	240				
Story1	B12	386	120	120	360	240	240				
Story1	B13	387	120	120	360	240	240				
Story1	B14	388	120	120	360	240	240				
Story1	B15	389	120	120	360	240	240				
Story1	B16	390	120	120	360	240	240				
Story1	B17	391	120	120	360	240	240				
Story1	B18	392	120	120	360	240	240				
Story1	B19	393	120	120	360	240	240				
Story1	B20	394	120	120	360	240	240				
Story1	B21	395	120	120	360	240	240				
Story1	B22	396	120	120	360	240	240				
Story1	B23	397	120	120	360	240	240				
Story1	B24	398	120	120	360	240	240				
Story1	B25	399	120	120	360	240	240				
Story1	B26	400	120	120	360	240	240				
Story1	B28	401	120	120	360	240	240				
Story1	B29	402	120	120	360	240	240				
Story1	B30	403	120	120	360	240	240				
Story1	B31	404	120	120	360	240	240				
Story1	B32	405	120	120	360	240	240				
Story1	B33	406	120	120	360	240	240				
Story1	B34	407	120	120	360	240	240				
Story1	B35	408	120	120	360	240	240				
Story1	B36	409	120	120	360	240	240				
Story1	B37	410	120	120	360	240	240				
Story1	B72	632	120	120	360	240	240				
Story1	B73	633	120	120	360	240	240				
Story1	B74	634	120	120	360	240	240				
Story1	B75	635	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	B76	636	120	120	360	240	240				
Story1	B77	637	120	120	360	240	240				
Story1	B78	638	120	120	360	240	240				
Story1	B79	639	120	120	360	240	240				
Story1	B80	640	120	120	360	240	240				
Story1	B81	641	120	120	360	240	240				
Story1	B82	642	120	120	360	240	240				
Story1	B83	643	120	120	360	240	240				
Story1	B84	644	120	120	360	240	240				
Story1	B85	645	120	120	360	240	240				
Story1	B86	646	120	120	360	240	240				
Story1	B87	647	120	120	360	240	240				
Story1	B88	648	120	120	360	240	240				
Story1	B89	649	120	120	360	240	240				
Story1	B90	650	120	120	360	240	240				
Story1	B91	651	120	120	360	240	240				
Story1	B92	652	120	120	360	240	240				
Story1	B93	653	120	120	360	240	240				
Story1	B94	654	120	120	360	240	240				
Story1	B95	655	120	120	360	240	240				
Story1	B96	656	120	120	360	240	240				
Story1	B97	657	120	120	360	240	240				
Story1	B99	658	120	120	360	240	240				
Story1	B100	659	120	120	360	240	240				
Story1	B101	660	120	120	360	240	240				
Story1	B102	661	120	120	360	240	240				
Story1	B103	662	120	120	360	240	240				
Story1	B104	663	120	120	360	240	240				
Story1	B105	664	120	120	360	240	240				
Story1	B106	665	120	120	360	240	240				
Story1	B204	797	120	120	360	240	240				
Story1	B205	798	120	120	360	240	240				
Story1	B206	799	120	120	360	240	240				
Story1	B208	800	120	120	360	240	240				
Story1	B220	801	120	120	360	240	240				
Story1	B227	802	120	120	360	240	240				
Story1	B228	804	120	120	360	240	240				
Story1	B229	805	120	120	360	240	240				
Story1	B230	806	120	120	360	240	240				
Story1	B231	807	120	120	360	240	240				
Story1	B232	808	120	120	360	240	240				
Story1	B233	809	120	120	360	240	240				
Story1	B234	810	120	120	360	240	240				
Story1	B242	811	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	B256	812	120	120	360	240	240				
Story1	B270	814	120	120	360	240	240				
Story1	B284	815	120	120	360	240	240				
Story1	B285	816	120	120	360	240	240				
Story1	B286	817	120	120	360	240	240				
Story1	B287	818	120	120	360	240	240				
Story1	B288	819	120	120	360	240	240				
Story1	B289	820	120	120	360	240	240				
Story1	B290	821	120	120	360	240	240				
Story1	B291	822	120	120	360	240	240				
Story1	B292	823	120	120	360	240	240				
Story1	B306	938	120	120	360	240	240				
Story1	B313	939	120	120	360	240	240				
Story1	B314	940	120	120	360	240	240				
Story1	B317	941	120	120	360	240	240				
Story1	B318	942	120	120	360	240	240				
Story1	B319	943	120	120	360	240	240				
Story1	B320	944	120	120	360	240	240				
Story1	B321	945	120	120	360	240	240				
Story1	B322	946	120	120	360	240	240				
Story1	B781	1550	120	120	360	240	240				
Story1	B782	1568	120	120	360	240	240				
Story1	B783	1578	120	120	360	240	240				
Story1	B804	1579	120	120	360	240	240				
Story1	B805	1580	120	120	360	240	240				
Story1	B825	1594	120	120	360	240	240				
Story1	B826	1596	120	120	360	240	240				
Story1	B827	1606	120	120	360	240	240				
Story1	B828	1609	120	120	360	240	240				
Story1	B829	1610	120	120	360	240	240				
Story1	B840	1617	120	120	360	240	240				
Story1	B841	1621	120	120	360	240	240				
Story1	B842	1622	120	120	360	240	240				
Story1	B844	1677	120	120	360	240	240				
Story1	B845	1678	120	120	360	240	240				
Story1	B858	1679	120	120	360	240	240				
Story1	B859	1680	120	120	360	240	240				
Story1	B860	1681	120	120	360	240	240				
Story1	B887	1700	120	120	360	240	240				
Story1	B888	1701	120	120	360	240	240				
Story1	B889	1702	120	120	360	240	240				
Story1	B890	1706	120	120	360	240	240				
Story1	B891	1707	120	120	360	240	240				
Story1	B892	1708	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	B917	1712	120	120	360	240	240				
Story1	B918	1713	120	120	360	240	240				
Story1	B920	1880	120	120	360	240	240				
Story1	B921	1881	120	120	360	240	240				
Story1	B922	1882	120	120	360	240	240				
Story1	B923	1889	120	120	360	240	240				
Story1	B938	1890	120	120	360	240	240				
Story1	B956	1906	120	120	360	240	240				
Story1	B957	1914	120	120	360	240	240				
Story1	B958	1915	120	120	360	240	240				
Story1	B959	1918	120	120	360	240	240				
Story1	B960	1919	120	120	360	240	240				
Story1	B961	1920	120	120	360	240	240				
Story1	B962	1931	120	120	360	240	240				
Story1	B1029	1932	120	120	360	240	240				
Story1	B1031	1997	120	120	360	240	240				
Story1	B1032	1998	120	120	360	240	240				
Story1	B1033	1999	120	120	360	240	240				
Story1	B1034	2013	120	120	360	240	240				
Story1	B1035	2014	120	120	360	240	240				
Story1	B1041	2030	120	120	360	240	240				
Story1	B1042	2038	120	120	360	240	240				
Story1	B1043	2039	120	120	360	240	240				
Story1	B1044	2042	120	120	360	240	240				
Story1	B1045	2043	120	120	360	240	240				
Story1	B1046	2044	120	120	360	240	240				
Story1	B1047	2055	120	120	360	240	240				
Story1	B1048	2056	120	120	360	240	240				
Story1	B1050	2098	120	120	360	240	240				
Story1	B1051	2099	120	120	360	240	240				
Story1	B1052	2100	120	120	360	240	240				
Story1	B1053	2101	120	120	360	240	240				
Story1	B1054	2102	120	120	360	240	240				
Story1	B1060	2114	120	120	360	240	240				
Story1	B1061	2115	120	120	360	240	240				
Story1	B1062	2116	120	120	360	240	240				
Story1	B1063	2119	120	120	360	240	240				
Story1	B1064	2120	120	120	360	240	240				
Story1	B1065	2121	120	120	360	240	240				
Story1	B1066	2125	120	120	360	240	240				
Story1	B1067	2126	120	120	360	240	240				
Story1	B1069	2156	120	120	360	240	240				
Story1	B1070	2158	120	120	360	240	240				
Story1	B1071	2160	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	B1072	2161	120	120	360	240	240				
Story1	B1073	2162	120	120	360	240	240				
Story1	B1079	2172	120	120	360	240	240				
Story1	B1080	2173	120	120	360	240	240				
Story1	B1087	2174	120	120	360	240	240				
Story1	B1088	2177	120	120	360	240	240				
Story1	B1095	2178	120	120	360	240	240				
Story1	B1096	2179	120	120	360	240	240				
Story1	B1103	2184	120	120	360	240	240				
Story1	B1104	2186	120	120	360	240	240				
Story1	B1112	2216	120	120	360	240	240				
Story1	B1119	2217	120	120	360	240	240				
Story1	B1120	2218	120	120	360	240	240				
Story1	B1127	2219	120	120	360	240	240				
Story1	B1128	2220	120	120	360	240	240				
Story1	B1146	2230	120	120	360	240	240				
Story1	B1147	2232	120	120	360	240	240				
Story1	B1148	2234	120	120	360	240	240				
Story1	B1149	2237	120	120	360	240	240				
Story1	B1150	2238	120	120	360	240	240				
Story1	B1151	2239	120	120	360	240	240				
Story1	B1152	2243	120	120	360	240	240				
Story1	B1153	2244	120	120	360	240	240				
Story1	B39	11	120	120	360	240	240				
Story1	B43	32	120	120	360	240	240				
Story1	B46	78	120	120	360	240	240				
Story1	B47	85	120	120	360	240	240				
Story1	B48	86	120	120	360	240	240				
Story1	B49	87	120	120	360	240	240				
Story1	B50	88	120	120	360	240	240				
Story1	B51	89	120	120	360	240	240				
Story1	B54	132	120	120	360	240	240				
Story1	B55	133	120	120	360	240	240				
Story1	B56	134	120	120	360	240	240				
Story1	B57	135	120	120	360	240	240				
Story1	B58	136	120	120	360	240	240				
Story1	B59	137	120	120	360	240	240				
Story1	B64	175	120	120	360	240	240				
Story1	B65	176	120	120	360	240	240				
Story1	B66	177	120	120	360	240	240				
Story1	B67	178	120	120	360	240	240				
Story1	B68	179	120	120	360	240	240				
Story1	B69	188	120	120	360	240	240				
Story1	B70	189	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	B71	190	120	120	360	240	240				
Story1	B108	192	120	120	360	240	240				
Story1	B109	193	120	120	360	240	240				
Story1	B110	194	120	120	360	240	240				
Story1	B111	195	120	120	360	240	240				
Story1	B114	197	120	120	360	240	240				
Story1	B121	198	120	120	360	240	240				
Story1	B138	215	120	120	360	240	240				
Story1	B139	216	120	120	360	240	240				
Story1	B140	217	120	120	360	240	240				
Story1	B145	222	120	120	360	240	240				
Story1	B148	223	120	120	360	240	240				
Story1	B149	224	120	120	360	240	240				
Story1	B150	225	120	120	360	240	240				
Story1	B178	251	120	120	360	240	240				
Story1	B179	252	120	120	360	240	240				
Story1	B180	253	120	120	360	240	240				
Story1	B181	254	120	120	360	240	240				
Story1	B190	255	120	120	360	240	240				
Story1	B191	256	120	120	360	240	240				
Story1	B192	257	120	120	360	240	240				
Story1	B193	258	120	120	360	240	240				
Story1	B194	259	120	120	360	240	240				
Story1	B195	260	120	120	360	240	240				
Story1	B196	261	120	120	360	240	240				
Story1	B197	262	120	120	360	240	240				
Story1	B198	263	120	120	360	240	240				
Story1	B199	264	120	120	360	240	240				
Story1	B200	265	120	120	360	240	240				
Story1	B201	266	120	120	360	240	240				
Story1	B261	297	120	120	360	240	240				
Story1	B271	298	120	120	360	240	240				
Story1	B272	299	120	120	360	240	240				
Story1	B273	300	120	120	360	240	240				
Story1	B274	301	120	120	360	240	240				
Story1	B294	315	120	120	360	240	240				
Story1	B295	316	120	120	360	240	240				
Story1	B296	317	120	120	360	240	240				
Story1	B297	318	120	120	360	240	240				
Story1	B298	319	120	120	360	240	240				
Story1	B299	320	120	120	360	240	240				
Story1	B38	31	120	120	360	240	240				
Story1	B40	52	120	120	360	240	240				
Story1	B41	53	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	B42	54	120	120	360	240	240				
Story1	B45	55	120	120	360	240	240				
Story1	B52	131	120	120	360	240	240				
Story1	B53	138	120	120	360	240	240				
Story1	B60	140	120	120	360	240	240				
Story1	B62	142	120	120	360	240	240				
Story1	B63	144	120	120	360	240	240				
Story1	B112	173	120	120	360	240	240				
Story1	B113	174	120	120	360	240	240				
Story1	B122	181	120	120	360	240	240				
Story1	B123	183	120	120	360	240	240				
Story1	B124	185	120	120	360	240	240				
Story1	B125	207	120	120	360	240	240				
Story1	B126	208	120	120	360	240	240				
Story1	B127	209	120	120	360	240	240				
Story1	B128	210	120	120	360	240	240				
Story1	B129	211	120	120	360	240	240				
Story1	B130	338	120	120	360	240	240				
Story1	B131	339	120	120	360	240	240				
Story1	B132	340	120	120	360	240	240				
Story1	B133	341	120	120	360	240	240				
Story1	B134	342	120	120	360	240	240				
Story1	B202	353	120	120	360	240	240				
Story1	B203	354	120	120	360	240	240				
Story1	B315	355	120	120	360	240	240				
Story1	B316	356	120	120	360	240	240				
Story1	B323	357	120	120	360	240	240				
Story1	B324	368	120	120	360	240	240				
Story1	B325	369	120	120	360	240	240				
Story1	B326	370	120	120	360	240	240				
Story1	B327	371	120	120	360	240	240				
Story1	B328	372	120	120	360	240	240				
Story1	B335	413	120	120	360	240	240				
Story1	B336	414	120	120	360	240	240				
Story1	B337	415	120	120	360	240	240				
Story1	B338	416	120	120	360	240	240				
Story1	B339	417	120	120	360	240	240				
Story1	B340	418	120	120	360	240	240				
Story1	B341	419	120	120	360	240	240				
Story1	B342	420	120	120	360	240	240				
Story1	B343	421	120	120	360	240	240				
Story1	B344	422	120	120	360	240	240				
Story1	B345	423	120	120	360	240	240				
Story1	B346	424	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	B347	425	120	120	360	240	240				
Story1	B348	426	120	120	360	240	240				
Story1	B349	427	120	120	360	240	240				
Story1	B350	428	120	120	360	240	240				
Story1	B351	429	120	120	360	240	240				
Story1	B352	430	120	120	360	240	240				
Story1	B353	431	120	120	360	240	240				
Story1	B354	432	120	120	360	240	240				
Story1	B355	433	120	120	360	240	240				
Story1	B356	434	120	120	360	240	240				
Story1	B357	435	120	120	360	240	240				
Story1	B358	436	120	120	360	240	240				
Story1	B359	437	120	120	360	240	240				
Story1	B360	438	120	120	360	240	240				
Story1	B361	439	120	120	360	240	240				
Story1	B362	440	120	120	360	240	240				
Story1	B363	441	120	120	360	240	240				
Story1	B364	442	120	120	360	240	240				
Story1	B365	443	120	120	360	240	240				
Story1	B366	444	120	120	360	240	240				
Story1	B367	445	120	120	360	240	240				
Story1	B368	446	120	120	360	240	240				
Story1	B1	10	120	120	360	240	240				
Story1	B2	18	120	120	360	240	240				
Story1	B135	25	120	120	360	240	240				
Story1	B136	30	120	120	360	240	240				
Story1	B137	33	120	120	360	240	240				
Story1	B141	56	120	120	360	240	240				
NE+7.48	B1097	906	120	120	360	240	240				
NE+7.48	B1098	907	120	120	360	240	240				
NE+7.48	B1099	908	120	120	360	240	240				
NE+7.48	B1100	909	120	120	360	240	240				
NE+7.48	B1101	910	120	120	360	240	240				
NE+7.48	B1102	911	120	120	360	240	240				
NE+7.48	B1105	914	120	120	360	240	240				
NE+7.48	B1106	915	120	120	360	240	240				
NE+7.48	B1107	916	120	120	360	240	240				
NE+7.48	B1108	917	120	120	360	240	240				
NE+7.48	B1109	918	120	120	360	240	240				
NE+7.48	B1110	919	120	120	360	240	240				
NE+7.48	B1113	972	120	120	360	240	240				
NE+7.48	B1114	973	120	120	360	240	240				
NE+7.48	B1115	974	120	120	360	240	240				
NE+7.48	B1116	975	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
NE+7.48	B1117	976	120	120	360	240	240				
NE+7.48	B1118	977	120	120	360	240	240				
NE+7.48	B1121	980	120	120	360	240	240				
NE+7.48	B1122	981	120	120	360	240	240				
NE+7.48	B1123	982	120	120	360	240	240				
NE+7.48	B1124	983	120	120	360	240	240				
NE+7.48	B1125	984	120	120	360	240	240				
NE+7.48	B1126	985	120	120	360	240	240				
NE+7.48	B1447	1576	120	120	360	240	240				
NE+7.48	B1450	1582	120	120	360	240	240				
NE+7.48	B1451	1583	120	120	360	240	240				
NE+7.48	B1454	1602	120	120	360	240	240				
NE+7.48	B1455	1603	120	120	360	240	240				
NE+7.48	B1456	1604	120	120	360	240	240				
NE+7.48	B1459	1612	120	120	360	240	240				
NE+7.48	B1460	1613	120	120	360	240	240				
NE+7.48	B1461	1614	120	120	360	240	240				
NE+7.48	B1462	1615	120	120	360	240	240				
NE+7.48	B1499	1836	120	120	360	240	240				
NE+7.48	B1508	1848	120	120	360	240	240				
NE+7.48	B1509	1849	120	120	360	240	240				
NE+7.48	B1520	1864	120	120	360	240	240				
NE+7.48	B1521	1865	120	120	360	240	240				
NE+7.48	B1522	1866	120	120	360	240	240				
NE+7.48	B1535	1884	120	120	360	240	240				
NE+7.48	B1536	1885	120	120	360	240	240				
NE+7.48	B1537	1886	120	120	360	240	240				
NE+7.48	B1538	1887	120	120	360	240	240				
Story1	D224	1525	120	120	360	240	240				
Story1	D225	1529	120	120	360	240	240				
Story1	D228	1536	120	120	360	240	240				
Story1	D236	1627	120	120	360	240	240				
Story1	D237	1638	120	120	360	240	240				
Story1	D240	1651	120	120	360	240	240				
Story1	D248	1797	120	120	360	240	240				
Story1	D249	1840	120	120	360	240	240				
Story1	D252	1853	120	120	360	240	240				
Story1	D260	1944	120	120	360	240	240				
Story1	D261	1948	120	120	360	240	240				
Story1	D264	1961	120	120	360	240	240				
Story1	D272	2063	120	120	360	240	240				
Story1	D273	2067	120	120	360	240	240				
Story1	D276	2075	120	120	360	240	240				
Story1	D284	2132	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	D285	2137	120	120	360	240	240				
Story1	D288	2143	120	120	360	240	240				
Story1	D296	2191	120	120	360	240	240				
Story1	D297	2195	120	120	360	240	240				
Story1	D300	2201	120	120	360	240	240				
Story1	D69	667	120	120	360	240	240				
Story1	D70	668	120	120	360	240	240				
Story1	D71	671	120	120	360	240	240				
Story1	D72	672	120	120	360	240	240				
Story1	D73	673	120	120	360	240	240				
Story1	D74	674	120	120	360	240	240				
Story1	D75	675	120	120	360	240	240				
Story1	D76	680	120	120	360	240	240				
Story1	D77	692	120	120	360	240	240				
Story1	D78	693	120	120	360	240	240				
Story1	D79	694	120	120	360	240	240				
Story1	D80	695	120	120	360	240	240				
Story1	D81	717	120	120	360	240	240				
Story1	D82	718	120	120	360	240	240				
Story1	D83	719	120	120	360	240	240				
Story1	D84	728	120	120	360	240	240				
Story1	D85	729	120	120	360	240	240				
Story1	D86	730	120	120	360	240	240				
Story1	D87	731	120	120	360	240	240				
Story1	D88	732	120	120	360	240	240				
Story1	D89	733	120	120	360	240	240				
Story1	D90	734	120	120	360	240	240				
Story1	D91	735	120	120	360	240	240				
Story1	D92	743	120	120	360	240	240				
Story1	D93	744	120	120	360	240	240				
Story1	D94	745	120	120	360	240	240				
Story1	D95	746	120	120	360	240	240				
Story1	D96	747	120	120	360	240	240				
Story1	D128	937	120	120	360	240	240				
Story1	D129	959	120	120	360	240	240				
Story1	D139	1595	120	120	360	240	240				
Story1	D140	1694	120	120	360	240	240				
Story1	D141	1695	120	120	360	240	240				
Story1	D142	1704	120	120	360	240	240				
Story1	D149	967	120	120	360	240	240				
Story1	D150	968	120	120	360	240	240				
Story1	D151	987	120	120	360	240	240				
Story1	D152	988	120	120	360	240	240				
Story1	D153	989	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	D154	996	120	120	360	240	240				
Story1	D155	997	120	120	360	240	240				
Story1	D156	998	120	120	360	240	240				
Story1	D157	999	120	120	360	240	240				
Story1	D158	1000	120	120	360	240	240				
Story1	D159	1001	120	120	360	240	240				
Story1	D160	1002	120	120	360	240	240				
Story1	D161	1009	120	120	360	240	240				
Story1	D162	1010	120	120	360	240	240				
Story1	D163	1011	120	120	360	240	240				
Story1	D164	1012	120	120	360	240	240				
Story1	D165	1013	120	120	360	240	240				
Story1	D166	1014	120	120	360	240	240				
Story1	D167	1015	120	120	360	240	240				
Story1	D168	1021	120	120	360	240	240				
Story1	D169	1022	120	120	360	240	240				
Story1	D170	1023	120	120	360	240	240				
Story1	D171	1024	120	120	360	240	240				
Story1	D172	1029	120	120	360	240	240				
Story1	D179	1030	120	120	360	240	240				
Story1	D180	1031	120	120	360	240	240				
Story1	D181	1032	120	120	360	240	240				
Story1	D182	1033	120	120	360	240	240				
Story1	D394	1017	120	120	360	240	240				
Story1	D395	1018	120	120	360	240	240				
Story1	D396	2073	120	120	360	240	240				
Story1	D397	2089	120	120	360	240	240				
Story1	D398	2091	120	120	360	240	240				
Story1	D399	2109	120	120	360	240	240				
Story1	D202	1524	120	120	360	240	240				
Story1	D203	1530	120	120	360	240	240				
Story1	D204	1531	120	120	360	240	240				
Story1	D205	1537	120	120	360	240	240				
Story1	D206	1538	120	120	360	240	240				
Story1	D211	1626	120	120	360	240	240				
Story1	D212	1639	120	120	360	240	240				
Story1	D213	1640	120	120	360	240	240				
Story1	D214	1652	120	120	360	240	240				
Story1	D215	1653	120	120	360	240	240				
Story1	D220	1796	120	120	360	240	240				
Story1	D221	1844	120	120	360	240	240				
Story1	D405	1845	120	120	360	240	240				
Story1	D406	1854	120	120	360	240	240				
Story1	D407	1859	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	D412	1943	120	120	360	240	240				
Story1	D413	1956	120	120	360	240	240				
Story1	D414	1957	120	120	360	240	240				
Story1	D415	1962	120	120	360	240	240				
Story1	D416	1979	120	120	360	240	240				
Story1	D421	2062	120	120	360	240	240				
Story1	D422	2068	120	120	360	240	240				
Story1	D423	2069	120	120	360	240	240				
Story1	D424	2077	120	120	360	240	240				
Story1	D425	2079	120	120	360	240	240				
Story1	D430	2130	120	120	360	240	240				
Story1	D431	2138	120	120	360	240	240				
Story1	D432	2139	120	120	360	240	240				
Story1	D433	2144	120	120	360	240	240				
Story1	D434	2145	120	120	360	240	240				
Story1	D439	2190	120	120	360	240	240				
Story1	D440	2196	120	120	360	240	240				
Story1	D441	2197	120	120	360	240	240				
Story1	D442	2202	120	120	360	240	240				
Story1	D443	2203	120	120	360	240	240				
Story1	D14	20	120	120	360	240	240				
Story1	D15	21	120	120	360	240	240				
Story1	D16	42	120	120	360	240	240				
Story1	D17	43	120	120	360	240	240				
Story1	D18	44	120	120	360	240	240				
Story1	D19	109	120	120	360	240	240				
Story1	D20	110	120	120	360	240	240				
Story1	D21	111	120	120	360	240	240				
Story1	D22	112	120	120	360	240	240				
Story1	D23	113	120	120	360	240	240				
Story1	D24	114	120	120	360	240	240				
Story1	D25	115	120	120	360	240	240				
Story1	D40	122	120	120	360	240	240				
Story1	D41	123	120	120	360	240	240				
Story1	D42	124	120	120	360	240	240				
Story1	D43	125	120	120	360	240	240				
Story1	D44	126	120	120	360	240	240				
Story1	D45	127	120	120	360	240	240				
Story1	D46	128	120	120	360	240	240				
Story1	D47	158	120	120	360	240	240				
Story1	D48	159	120	120	360	240	240				
Story1	D49	160	120	120	360	240	240				
Story1	D50	161	120	120	360	240	240				
Story1	D51	166	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	D52	167	120	120	360	240	240				
Story1	D53	168	120	120	360	240	240				
Story1	D54	169	120	120	360	240	240				
Story1	D55	170	120	120	360	240	240				
Story1	D56	885	120	120	360	240	240				
Story1	D57	893	120	120	360	240	240				
Story1	D58	1468	120	120	360	240	240				
Story1	D59	1472	120	120	360	240	240				
Story1	D60	1474	120	120	360	240	240				
Story1	D61	1483	120	120	360	240	240				
Story1	D1	76	120	120	360	240	240				
Story1	D2	77	120	120	360	240	240				
Story1	D3	96	120	120	360	240	240				
Story1	D4	116	120	120	360	240	240				
Story1	D5	117	120	120	360	240	240				
Story1	D6	146	120	120	360	240	240				
Story1	D7	148	120	120	360	240	240				
Story1	D8	150	120	120	360	240	240				
Story1	D9	152	120	120	360	240	240				
Story1	D10	154	120	120	360	240	240				
Story1	D11	187	120	120	360	240	240				
Story1	D12	196	120	120	360	240	240				
Story1	D13	199	120	120	360	240	240				
Story1	D26	200	120	120	360	240	240				
Story1	D27	201	120	120	360	240	240				
Story1	D28	324	120	120	360	240	240				
Story1	D29	329	120	120	360	240	240				
Story1	D30	330	120	120	360	240	240				
Story1	D31	331	120	120	360	240	240				
Story1	D32	332	120	120	360	240	240				
Story1	D33	343	120	120	360	240	240				
Story1	D34	344	120	120	360	240	240				
Story1	D35	345	120	120	360	240	240				
Story1	D36	346	120	120	360	240	240				
Story1	D37	347	120	120	360	240	240				
Story1	D38	358	120	120	360	240	240				
Story1	D39	359	120	120	360	240	240				
Story1	D62	360	120	120	360	240	240				
Story1	D63	361	120	120	360	240	240				
Story1	D64	362	120	120	360	240	240				
Story1	D65	1083	120	120	360	240	240				
Story1	D66	1084	120	120	360	240	240				
Story1	D67	2074	120	120	360	240	240				
Story1	D68	2090	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	D97	2093	120	120	360	240	240				
Story1	D98	2111	120	120	360	240	240				
Story1	D99	589	120	120	360	240	240				
Story1	D100	628	120	120	360	240	240				
Story1	D101	1539	120	120	360	240	240				
Story1	D102	1540	120	120	360	240	240				
Story1	D103	1541	120	120	360	240	240				
Story1	D104	1542	120	120	360	240	240				
Story1	D105	1543	120	120	360	240	240				
Story1	D106	228	120	120	360	240	240				
Story1	D107	229	120	120	360	240	240				
Story1	D108	232	120	120	360	240	240				
Story1	D109	233	120	120	360	240	240				
Story1	D110	234	120	120	360	240	240				
Story1	D111	273	120	120	360	240	240				
Story1	D112	274	120	120	360	240	240				
Story1	D113	275	120	120	360	240	240				
Story1	D114	276	120	120	360	240	240				
Story1	D115	277	120	120	360	240	240				
Story1	D116	278	120	120	360	240	240				
Story1	D117	285	120	120	360	240	240				
Story1	D118	286	120	120	360	240	240				
Story1	D119	287	120	120	360	240	240				
Story1	D120	288	120	120	360	240	240				
Story1	D121	289	120	120	360	240	240				
Story1	D122	290	120	120	360	240	240				
Story1	D123	291	120	120	360	240	240				
Story1	D124	305	120	120	360	240	240				
Story1	D125	306	120	120	360	240	240				
Story1	D126	307	120	120	360	240	240				
Story1	D127	308	120	120	360	240	240				
Story1	D130	325	120	120	360	240	240				
Story1	D131	326	120	120	360	240	240				
Story1	D132	327	120	120	360	240	240				
Story1	D133	328	120	120	360	240	240				
Story1	D136	7	120	120	360	240	240				
Story1	D137	8	120	120	360	240	240				
Story1	D174	242	120	120	360	240	240				
Story1	D176	244	120	120	360	240	240				
Story1	D178	246	120	120	360	240	240				
Story1	D184	248	120	120	360	240	240				
Story1	D186	250	120	120	360	240	240				
Story1	D188	293	120	120	360	240	240				
Story1	D190	295	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 2 of 6, continued)

Story	Label	Unique Name	DL Ratio	SDL+LL Ratio	LL Ratio	Total Ratio	Camber Ratio	DL Absolute mm	SDL+LL Absolute mm	LL Absolute mm	Total Absolute mm
Story1	D192	309	120	120	360	240	240				
Story1	D194	311	120	120	360	240	240				
Story1	D196	313	120	120	360	240	240				
Story1	D134	65	120	120	360	240	240				
Story1	D135	212	120	120	360	240	240				
Story1	D146	63	120	120	360	240	240				
Story1	D147	64	120	120	360	240	240				
Story1	D199	447	120	120	360	240	240				
Story1	D201	449	120	120	360	240	240				
Story1	D208	451	120	120	360	240	240				
Story1	D210	453	120	120	360	240	240				
Story1	D217	455	120	120	360	240	240				
Story1	D219	457	120	120	360	240	240				
Story1	D223	459	120	120	360	240	240				
Story1	D227	461	120	120	360	240	240				
Story1	D230	463	120	120	360	240	240				
Story1	D232	465	120	120	360	240	240				
Story1	D234	467	120	120	360	240	240				
Story1	D238	469	120	120	360	240	240				
Story1	D175	36	120	120	360	240	240				
Story1	D148	38	120	120	360	240	240				
Story1	D177	58	120	120	360	240	240				
Story1	D183	59	120	120	360	240	240				
Story1	D185	60	120	120	360	240	240				
Story1	D187	66	120	120	360	240	240				
Story1	D138	37	120	120	360	240	240				
Story1	D143	39	120	120	360	240	240				

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	C197	1521	0	1	1	0.812652	0.812652	0.812652	1	1
Story1	C200	1545	0	1	1	0.812656	0.812656	0.812656	1	1
Story1	C211	1623	0	1	1	0.812652	0.812652	0.812652	1	1
Story1	C214	1666	0	1	1	0.812656	0.812656	0.812656	1	1
Story1	C225	1793	0	1	1	0.812652	0.812652	0.812652	1	1
Story1	C228	1870	0	1	1	0.812656	0.812656	0.812656	1	1
Story1	C242	1985	0	1	1	0.812656	0.812656	0.812656	1	1
Story1	C256	2092	0	1	1	0.812656	0.812656	0.812656	1	1
Story1	C270	2151	0	1	1	0.812656	0.812656	0.812656	1	1
Story1	C284	2210	0	1	1	0.812656	0.812656	0.812656	1	1
Story1	C130	577	0	1	1	0.875	0.875	0.875	1	1
Story1	C132	579	0	1	1	0.875	0.875	0.875	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	C134	706	0	1	1	0.875	0.875	0.875	1	1
Story1	C136	707	0	1	1	0.875	0.875	0.875	1	1
Story1	C138	708	0	1	1	0.875	0.875	0.875	1	1
Story1	C140	709	0	1	1	0.875	0.875	0.875	1	1
Story1	C142	710	0	1	1	0.875	0.875	0.875	1	1
Story1	C144	591	0	1	1	0.875	0.875	0.875	1	1
Story1	C146	711	0	1	1	0.875	0.875	0.875	1	1
Story1	C148	712	0	1	1	0.875	0.875	0.875	1	1
Story1	C150	713	0	1	1	0.875	0.875	0.875	1	1
Story1	C152	714	0	1	1	0.875	0.875	0.875	1	1
Story1	C154	715	0	1	1	0.875	0.875	0.875	1	1
Story1	C156	716	0	1	1	0.875	0.875	0.875	1	1
Story1	C158	670	0	1	1	0.875	0.875	0.875	1	1
Story1	C160	669	0	1	1	0.875	0.875	0.875	1	1
Story1	C162	609	0	1	1	0.875	0.875	0.875	1	1
Story1	C164	666	0	1	1	0.875	0.875	0.875	1	1
Story1	C166	613	0	1	1	0.875	0.875	0.875	1	1
Story1	C168	615	0	1	1	0.875	0.875	0.875	1	1
Story1	C170	736	0	1	1	0.875	0.875	0.875	1	1
Story1	C172	737	0	1	1	0.875	0.875	0.875	1	1
Story1	C174	738	0	1	1	0.875	0.875	0.875	1	1
Story1	C176	623	0	1	1	0.875	0.875	0.875	1	1
Story1	C178	739	0	1	1	0.875	0.875	0.875	1	1
Story1	C180	740	0	1	1	0.875	0.875	0.875	1	1
Story1	C182	741	0	1	1	0.875	0.875	0.875	1	1
Story1	C184	742	0	1	1	0.875	0.875	0.875	1	1
Story1	C3	581	0	1	1	0.875	0.875	0.875	1	1
Story1	C7	583	0	1	1	0.875	0.875	0.875	1	1
Story1	C11	990	0	1	1	0.875	0.875	0.875	1	1
Story1	C15	1003	0	1	1	0.875	0.875	0.875	1	1
Story1	C23	991	0	1	1	0.875	0.875	0.875	1	1
Story1	C31	1004	0	1	1	0.875	0.875	0.875	1	1
Story1	C41	992	0	1	1	0.875	0.875	0.875	1	1
Story1	C45	1005	0	1	1	0.875	0.875	0.875	1	1
Story1	C49	993	0	1	1	0.875	0.875	0.875	1	1
Story1	C53	1006	0	1	1	0.875	0.875	0.875	1	1
Story1	C57	994	0	1	1	0.875	0.875	0.875	1	1
Story1	C61	1007	0	1	1	0.875	0.875	0.875	1	1
Story1	C65	995	0	1	1	0.875	0.875	0.875	1	1
Story1	C69	1008	0	1	1	0.875	0.875	0.875	1	1
Story1	C73	970	0	1	1	0.875	0.875	0.875	1	1
Story1	C77	969	0	1	1	0.875	0.875	0.875	1	1
Story1	C81	617	0	1	1	0.875	0.875	0.875	1	1
Story1	C85	966	0	1	1	0.875	0.875	0.875	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	C89	621	0	1	1	0.875	0.875	0.875	1	1
Story1	C93	624	0	1	1	0.875	0.875	0.875	1	1
Story1	C97	1016	0	1	1	0.875	0.875	0.875	1	1
Story1	C101	1019	0	1	1	0.875	0.875	0.875	1	1
Story1	C105	1020	0	1	1	0.875	0.875	0.875	1	1
Story1	C109	748	0	1	1	0.875	0.875	0.875	1	1
Story1	C113	1025	0	1	1	0.875	0.875	0.875	1	1
Story1	C117	1026	0	1	1	0.875	0.875	0.875	1	1
Story1	C121	1027	0	1	1	0.875	0.875	0.875	1	1
Story1	C125	1028	0	1	1	0.875	0.875	0.875	1	1
Story1	C487	1591	0	1	1	0.708046	0.708046	0.708046	1	1
Story1	C489	1592	0	1	1	0.700764	0.700764	0.700764	1	1
Story1	C491	1593	0	1	1	0.692283	0.692283	0.692283	1	1
Story1	C493	1607	0	1	1	0.692283	0.692283	0.692283	1	1
Story1	C495	1608	0	1	1	0.700764	0.700764	0.700764	1	1
Story1	C501	1620	0	1	1	0.69088	0.69088	0.69088	1	1
Story1	C510	1697	0	1	1	0.708046	0.708046	0.708046	1	1
Story1	C511	1698	0	1	1	0.700764	0.700764	0.700764	1	1
Story1	C512	1699	0	1	1	0.692283	0.692283	0.692283	1	1
Story1	C513	1703	0	1	1	0.692283	0.692283	0.692283	1	1
Story1	C514	1705	0	1	1	0.700764	0.700764	0.700764	1	1
Story1	C517	1711	0	1	1	0.69088	0.69088	0.69088	1	1
Story1	C523	1903	0	1	1	0.708046	0.708046	0.708046	1	1
Story1	C524	1904	0	1	1	0.700764	0.700764	0.700764	1	1
Story1	C525	1905	0	1	1	0.692283	0.692283	0.692283	1	1
Story1	C526	1916	0	1	1	0.692283	0.692283	0.692283	1	1
Story1	C527	1917	0	1	1	0.700764	0.700764	0.700764	1	1
Story1	C530	1930	0	1	1	0.69088	0.69088	0.69088	1	1
Story1	C531	1933	0	1	1	0.812652	0.812652	0.812652	1	1
Story1	C537	2027	0	1	1	0.708046	0.708046	0.708046	1	1
Story1	C538	2028	0	1	1	0.700764	0.700764	0.700764	1	1
Story1	C539	2029	0	1	1	0.692283	0.692283	0.692283	1	1
Story1	C540	2040	0	1	1	0.692283	0.692283	0.692283	1	1
Story1	C541	2041	0	1	1	0.700764	0.700764	0.700764	1	1
Story1	C544	2054	0	1	1	0.69088	0.69088	0.69088	1	1
Story1	C545	2057	0	1	1	0.812652	0.812652	0.812652	1	1
Story1	C551	2110	0	1	1	0.708046	0.708046	0.708046	1	1
Story1	C552	2112	0	1	1	0.700764	0.700764	0.700764	1	1
Story1	C553	2113	0	1	1	0.692283	0.692283	0.692283	1	1
Story1	C554	2117	0	1	1	0.692283	0.692283	0.692283	1	1
Story1	C555	2118	0	1	1	0.700764	0.700764	0.700764	1	1
Story1	C558	2124	0	1	1	0.69088	0.69088	0.69088	1	1
Story1	C559	2127	0	1	1	0.812652	0.812652	0.812652	1	1
Story1	C565	2169	0	1	1	0.708046	0.708046	0.708046	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	C566	2170	0	1	1	0.700764	0.700764	0.700764	1	1
Story1	C567	2171	0	1	1	0.692283	0.692283	0.692283	1	1
Story1	C568	2175	0	1	1	0.692283	0.692283	0.692283	1	1
Story1	C569	2176	0	1	1	0.700764	0.700764	0.700764	1	1
Story1	C572	2182	0	1	1	0.69088	0.69088	0.69088	1	1
Story1	C573	2187	0	1	1	0.812652	0.812652	0.812652	1	1
Story1	C579	2227	0	1	1	0.708046	0.708046	0.708046	1	1
Story1	C580	2228	0	1	1	0.700764	0.700764	0.700764	1	1
Story1	C581	2229	0	1	1	0.692283	0.692283	0.692283	1	1
Story1	C582	2235	0	1	1	0.692283	0.692283	0.692283	1	1
Story1	C583	2236	0	1	1	0.700764	0.700764	0.700764	1	1
Story1	C586	2242	0	1	1	0.69088	0.69088	0.69088	1	1
Story1	C5	9	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C13	19	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C16	22	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C19	34	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C20	41	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C22	45	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C26	97	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C28	98	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C32	99	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C35	100	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C37	101	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C39	108	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C71	129	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C74	139	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C76	141	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C79	143	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C82	145	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C84	147	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C87	149	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C90	151	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C92	155	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C94	156	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C95	157	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C102	171	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C104	180	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C107	182	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C110	184	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C112	186	0	1	1	0.880952	0.880952	0.880952	1	1
Story1	C163	1618	0	1	1	0.821591	0.821591	0.821591	1	1
Story1	C165	1709	0	1	1	0.821591	0.821591	0.821591	1	1
Story1	C167	1928	0	1	1	0.821591	0.821591	0.821591	1	1
Story1	C169	2052	0	1	1	0.821591	0.821591	0.821591	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	C171	2122	0	1	1	0.821591	0.821591	0.821591	1	1
Story1	C173	2180	0	1	1	0.821591	0.821591	0.821591	1	1
Story1	C175	2240	0	1	1	0.821591	0.821591	0.821591	1	1
Story1	C9	1546	0	1	1	0.657407	0.657407	0.657407	1	1
Story1	C12	1547	0	1	1	0.627178	0.627178	0.627178	1	1
Story1	C17	1548	0	1	1	0.591098	0.591098	0.591098	1	1
Story1	C21	1549	0	1	1	0.547287	0.547287	0.547287	1	1
Story1	C24	118	0	1	1	0.657407	0.657407	0.657407	1	1
Story1	C25	119	0	1	1	0.627178	0.627178	0.627178	1	1
Story1	C27	120	0	1	1	0.591098	0.591098	0.591098	1	1
Story1	C29	121	0	1	1	0.547287	0.547287	0.547287	1	1
Story1	C30	130	0	1	1	0.700243	0.700243	0.700243	1	1
Story1	C33	162	0	1	1	0.657407	0.657407	0.657407	1	1
Story1	C34	163	0	1	1	0.627178	0.627178	0.627178	1	1
Story1	C36	164	0	1	1	0.591098	0.591098	0.591098	1	1
Story1	C38	165	0	1	1	0.547287	0.547287	0.547287	1	1
Story1	C40	172	0	1	1	0.700243	0.700243	0.700243	1	1
Story1	C42	202	0	1	1	0.657407	0.657407	0.657407	1	1
Story1	C43	203	0	1	1	0.627178	0.627178	0.627178	1	1
Story1	C44	204	0	1	1	0.591098	0.591098	0.591098	1	1
Story1	C46	205	0	1	1	0.547287	0.547287	0.547287	1	1
Story1	C47	206	0	1	1	0.700243	0.700243	0.700243	1	1
Story1	C48	333	0	1	1	0.657407	0.657407	0.657407	1	1
Story1	C50	334	0	1	1	0.627178	0.627178	0.627178	1	1
Story1	C51	335	0	1	1	0.591098	0.591098	0.591098	1	1
Story1	C52	336	0	1	1	0.547287	0.547287	0.547287	1	1
Story1	C54	337	0	1	1	0.700243	0.700243	0.700243	1	1
Story1	C55	348	0	1	1	0.657407	0.657407	0.657407	1	1
Story1	C56	349	0	1	1	0.627178	0.627178	0.627178	1	1
Story1	C58	350	0	1	1	0.591098	0.591098	0.591098	1	1
Story1	C59	351	0	1	1	0.547287	0.547287	0.547287	1	1
Story1	C60	352	0	1	1	0.700243	0.700243	0.700243	1	1
Story1	C62	363	0	1	1	0.657407	0.657407	0.657407	1	1
Story1	C63	364	0	1	1	0.627178	0.627178	0.627178	1	1
Story1	C64	365	0	1	1	0.591098	0.591098	0.591098	1	1
Story1	C66	366	0	1	1	0.547287	0.547287	0.547287	1	1
Story1	C67	367	0	1	1	0.700243	0.700243	0.700243	1	1
Story1	C68	1281	0	1	1	0.8	0.8	0.8	1	1
Story1	C70	1283	0	1	1	0.8	0.8	0.8	1	1
Story1	C72	1313	0	1	1	0.8	0.8	0.8	1	1
Story1	C75	1319	0	1	1	0.8	0.8	0.8	1	1
Story1	C78	1371	0	1	1	0.8	0.8	0.8	1	1
Story1	C80	622	0	1	1	0.8	0.8	0.8	1	1
Story1	C83	1590	0	1	1	0.700243	0.700243	0.700243	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	C86	226	0	1	1	0.8	0.8	0.8	1	1
Story1	C88	227	0	1	1	0.8	0.8	0.8	1	1
Story1	C91	230	0	1	1	0.8	0.8	0.8	1	1
Story1	C96	231	0	1	1	0.8	0.8	0.8	1	1
Story1	C98	267	0	1	1	0.8	0.8	0.8	1	1
Story1	C99	268	0	1	1	0.8	0.8	0.8	1	1
Story1	C100	269	0	1	1	0.8	0.8	0.8	1	1
Story1	C103	270	0	1	1	0.8	0.8	0.8	1	1
Story1	C106	271	0	1	1	0.8	0.8	0.8	1	1
Story1	C108	272	0	1	1	0.8	0.8	0.8	1	1
Story1	C111	279	0	1	1	0.8	0.8	0.8	1	1
Story1	C114	280	0	1	1	0.8	0.8	0.8	1	1
Story1	C177	281	0	1	1	0.8	0.8	0.8	1	1
Story1	C179	282	0	1	1	0.8	0.8	0.8	1	1
Story1	C181	283	0	1	1	0.8	0.8	0.8	1	1
Story1	C183	284	0	1	1	0.8	0.8	0.8	1	1
Story1	C185	302	0	1	1	0.8	0.8	0.8	1	1
Story1	C186	303	0	1	1	0.8	0.8	0.8	1	1
Story1	C187	304	0	1	1	0.8	0.8	0.8	1	1
Story1	C188	321	0	1	1	0.8	0.8	0.8	1	1
Story1	C189	322	0	1	1	0.8	0.8	0.8	1	1
Story1	C190	323	0	1	1	0.8	0.8	0.8	1	1
Story1	B27	1522	0	1	1	1	2	2	1	1
Story1	B98	1523	0	1	1	1	2	2	1	1
Story1	B115	1526	0	1	1	1	4	4	1	1
Story1	B116	1527	0	1	1	1	4	4	1	1
Story1	B117	1528	0	1	1	1	4	4	1	1
Story1	B118	1532	0	1	1	1	4	4	1	1
Story1	B119	1534	0	1	1	1	2	2	1	1
Story1	B120	1535	0	1	1	1	2	2	1	1
Story1	B146	1624	0	1	1	1	2	2	1	1
Story1	B147	1625	0	1	1	1	2	2	1	1
Story1	B154	1628	0	1	1	1	4	4	1	1
Story1	B159	1629	0	1	1	1	4	4	1	1
Story1	B164	1637	0	1	1	1	4	4	1	1
Story1	B165	1641	0	1	1	1	4	4	1	1
Story1	B174	1642	0	1	1	1	2	2	1	1
Story1	B175	1643	0	1	1	1	2	2	1	1
Story1	B182	1794	0	1	1	1	2	2	1	1
Story1	B183	1795	0	1	1	1	2	2	1	1
Story1	B184	1820	0	1	1	1	4	4	1	1
Story1	B185	1838	0	1	1	1	4	4	1	1
Story1	B186	1839	0	1	1	1	4	4	1	1
Story1	B187	1846	0	1	1	1	4	4	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	B188	1851	0	1	1	1	2	2	1	1
Story1	B189	1852	0	1	1	1	2	2	1	1
Story1	B212	1934	0	1	1	1	2	2	1	1
Story1	B213	1942	0	1	1	1	2	2	1	1
Story1	B214	1945	0	1	1	1	4	4	1	1
Story1	B215	1946	0	1	1	1	4	4	1	1
Story1	B216	1947	0	1	1	1	4	4	1	1
Story1	B217	1958	0	1	1	1	4	4	1	1
Story1	B218	1959	0	1	1	1	2	2	1	1
Story1	B219	1960	0	1	1	1	2	2	1	1
Story1	B226	2058	0	1	1	1	2	2	1	1
Story1	B235	2061	0	1	1	1	2	2	1	1
Story1	B236	2064	0	1	1	1	4	4	1	1
Story1	B237	2065	0	1	1	1	4	4	1	1
Story1	B238	2066	0	1	1	1	4	4	1	1
Story1	B239	2070	0	1	1	1	4	4	1	1
Story1	B240	2071	0	1	1	1	2	2	1	1
Story1	B241	2072	0	1	1	1	2	2	1	1
Story1	B248	2128	0	1	1	1	2	2	1	1
Story1	B249	2129	0	1	1	1	2	2	1	1
Story1	B250	2134	0	1	1	1	4	4	1	1
Story1	B251	2135	0	1	1	1	4	4	1	1
Story1	B252	2136	0	1	1	1	4	4	1	1
Story1	B253	2140	0	1	1	1	4	4	1	1
Story1	B254	2141	0	1	1	1	2	2	1	1
Story1	B255	2142	0	1	1	1	2	2	1	1
Story1	B262	2188	0	1	1	1	2	2	1	1
Story1	B263	2189	0	1	1	1	2	2	1	1
Story1	B264	2192	0	1	1	1	4	4	1	1
Story1	B265	2193	0	1	1	1	4	4	1	1
Story1	B266	2194	0	1	1	1	4	4	1	1
Story1	B267	2198	0	1	1	1	4	4	1	1
Story1	B268	2199	0	1	1	1	2	2	1	1
Story1	B269	2200	0	1	1	1	2	2	1	1
Story1	B404	905	0	1	1	0.890034	7.862543	7.862543	1	1
Story1	B405	912	0	1	1	0.890034	7.862543	7.862543	1	1
Story1	B406	913	0	1	1	0.890034	7.862543	7.862543	1	1
Story1	B407	920	0	1	1	0.890034	7.862543	7.862543	1	1
Story1	B408	971	0	1	1	0.890034	7.862543	7.862543	1	1
Story1	B409	978	0	1	1	0.890034	7.862543	7.862543	1	1
Story1	B410	979	0	1	1	0.890034	7.862543	7.862543	1	1
Story1	B411	986	0	1	1	0.890034	7.862543	7.862543	1	1
Story1	B446	1575	0	1	1	0.903485	2.879357	2.879357	1	1
Story1	B447	1577	0	1	1	0.903485	2.879357	2.879357	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	B448	1581	0	1	1	0.904	3.88	3.88	1	1
Story1	B449	1584	0	1	1	0.904	3.88	3.88	1	1
Story1	B450	1601	0	1	1	0.89899	4.873737	4.873737	1	1
Story1	B451	1605	0	1	1	0.89899	4.873737	4.873737	1	1
Story1	B452	1611	0	1	1	0.894891	5.868613	5.868613	1	1
Story1	B453	1616	0	1	1	0.894891	5.868613	5.868613	1	1
Story1	B464	1835	0	1	1	0.903485	2.879357	2.879357	1	1
Story1	B465	1837	0	1	1	0.903485	2.879357	2.879357	1	1
Story1	B469	1847	0	1	1	0.904	3.88	3.88	1	1
Story1	B470	1850	0	1	1	0.904	3.88	3.88	1	1
Story1	B497	1863	0	1	1	0.89899	4.873737	4.873737	1	1
Story1	B498	1867	0	1	1	0.89899	4.873737	4.873737	1	1
Story1	B503	1883	0	1	1	0.894891	5.868613	5.868613	1	1
Story1	B504	1888	0	1	1	0.894891	5.868613	5.868613	1	1
Story1	B3	377	0	1	1	1	2	2	1	1
Story1	B4	378	0	1	1	1	2	2	1	1
Story1	B5	379	0	1	1	1	1	1	1	1
Story1	B7	381	0	1	1	1	1	1	1	1
Story1	B8	382	0	1	1	1	2	2	1	1
Story1	B9	383	0	1	1	1	2	2	1	1
Story1	B10	384	0	1	1	1	8	8	1	1
Story1	B11	385	0	1	1	1	8	8	1	1
Story1	B12	386	0	1	1	1	8	8	1	1
Story1	B13	387	0	1	1	1	8	8	1	1
Story1	B14	388	0	1	1	1	8	8	1	1
Story1	B15	389	0	1	1	1	8	8	1	1
Story1	B16	390	0	1	1	1	8	8	1	1
Story1	B17	391	0	1	1	1	8	8	1	1
Story1	B18	392	0	1	1	1	8	8	1	1
Story1	B19	393	0	1	1	1	8	8	1	1
Story1	B20	394	0	1	1	1	8	8	1	1
Story1	B21	395	0	1	1	1	8	8	1	1
Story1	B22	396	0	1	1	1	8	8	1	1
Story1	B23	397	0	1	1	1	8	8	1	1
Story1	B24	398	0	1	1	1	8	8	1	1
Story1	B25	399	0	1	1	1	8	8	1	1
Story1	B26	400	0	1	1	1	5	5	1	1
Story1	B28	401	0	1	1	1	5	5	1	1
Story1	B29	402	0	1	1	1	5	5	1	1
Story1	B30	403	0	1	1	1	5	5	1	1
Story1	B31	404	0	1	1	1	5	5	1	1
Story1	B32	405	0	1	1	1	6	6	1	1
Story1	B33	406	0	1	1	1	6	6	1	1
Story1	B34	407	0	1	1	1	6	6	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	B35	408	0	1	1	1	6	6	1	1
Story1	B36	409	0	1	1	1	6	6	1	1
Story1	B37	410	0	1	1	1	6	6	1	1
Story1	B72	632	0	1	1	1	2	2	1	1
Story1	B73	633	0	1	1	1	2	2	1	1
Story1	B74	634	0	1	1	1	1	1	1	1
Story1	B75	635	0	1	1	1	2	2	1	1
Story1	B76	636	0	1	1	1	2	2	1	1
Story1	B77	637	0	1	1	1	2	2	1	1
Story1	B78	638	0	1	1	1	2	2	1	1
Story1	B79	639	0	1	1	1	8	8	1	1
Story1	B80	640	0	1	1	1	8	8	1	1
Story1	B81	641	0	1	1	1	8	8	1	1
Story1	B82	642	0	1	1	1	8	8	1	1
Story1	B83	643	0	1	1	1	8	8	1	1
Story1	B84	644	0	1	1	1	8	8	1	1
Story1	B85	645	0	1	1	1	8	8	1	1
Story1	B86	646	0	1	1	1	8	8	1	1
Story1	B87	647	0	1	1	1	8	8	1	1
Story1	B88	648	0	1	1	1	8	8	1	1
Story1	B89	649	0	1	1	1	8	8	1	1
Story1	B90	650	0	1	1	1	8	8	1	1
Story1	B91	651	0	1	1	1	8	8	1	1
Story1	B92	652	0	1	1	1	8	8	1	1
Story1	B93	653	0	1	1	1	8	8	1	1
Story1	B94	654	0	1	1	1	8	8	1	1
Story1	B95	655	0	1	1	1	5	5	1	1
Story1	B96	656	0	1	1	1	5	5	1	1
Story1	B97	657	0	1	1	1	5	5	1	1
Story1	B99	658	0	1	1	1	5	5	1	1
Story1	B100	659	0	1	1	1	5	5	1	1
Story1	B101	660	0	1	1	1	6	6	1	1
Story1	B102	661	0	1	1	1	6	6	1	1
Story1	B103	662	0	1	1	1	6	6	1	1
Story1	B104	663	0	1	1	1	6	6	1	1
Story1	B105	664	0	1	1	1	6	6	1	1
Story1	B106	665	0	1	1	1	6	6	1	1
Story1	B204	797	0	1	1	1	2	2	1	1
Story1	B205	798	0	1	1	1	2	2	1	1
Story1	B206	799	0	1	1	1	1	1	1	1
Story1	B208	800	0	1	1	1	2	2	1	1
Story1	B220	801	0	1	1	1	2	2	1	1
Story1	B227	802	0	1	1	1	2	2	1	1
Story1	B228	804	0	1	1	1	2	2	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	B229	805	0	1	1	1	8	8	1	1
Story1	B230	806	0	1	1	1	8	8	1	1
Story1	B231	807	0	1	1	1	8	8	1	1
Story1	B232	808	0	1	1	1	8	8	1	1
Story1	B233	809	0	1	1	1	8	8	1	1
Story1	B234	810	0	1	1	1	8	8	1	1
Story1	B242	811	0	1	1	1	8	8	1	1
Story1	B256	812	0	1	1	1	8	8	1	1
Story1	B270	814	0	1	1	1	8	8	1	1
Story1	B284	815	0	1	1	1	8	8	1	1
Story1	B285	816	0	1	1	1	8	8	1	1
Story1	B286	817	0	1	1	1	8	8	1	1
Story1	B287	818	0	1	1	1	8	8	1	1
Story1	B288	819	0	1	1	1	8	8	1	1
Story1	B289	820	0	1	1	1	8	8	1	1
Story1	B290	821	0	1	1	1	8	8	1	1
Story1	B291	822	0	1	1	1	5	5	1	1
Story1	B292	823	0	1	1	1	5	5	1	1
Story1	B306	938	0	1	1	1	5	5	1	1
Story1	B313	939	0	1	1	1	5	5	1	1
Story1	B314	940	0	1	1	1	5	5	1	1
Story1	B317	941	0	1	1	1	6	6	1	1
Story1	B318	942	0	1	1	1	6	6	1	1
Story1	B319	943	0	1	1	1	6	6	1	1
Story1	B320	944	0	1	1	1	6	6	1	1
Story1	B321	945	0	1	1	1	6	6	1	1
Story1	B322	946	0	1	1	1	6	6	1	1
Story1	B781	1550	0	1	1	0.924624	0.924624	0.924624	1	1
Story1	B782	1568	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B783	1578	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B804	1579	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B805	1580	0	1	1	0.924624	0.924624	0.924624	1	1
Story1	B825	1594	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B826	1596	0	1	1	0.956314	0.956314	0.956314	1	1
Story1	B827	1606	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B828	1609	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B829	1610	0	1	1	0.956314	0.956314	0.956314	1	1
Story1	B840	1617	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B841	1621	0	1	1	0.920091	0.920091	0.920091	1	1
Story1	B842	1622	0	1	1	0.920091	0.920091	0.920091	1	1
Story1	B844	1677	0	1	1	0.924624	0.924624	0.924624	1	1
Story1	B845	1678	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B858	1679	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B859	1680	0	1	1	0.949749	0.949749	0.949749	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	B860	1681	0	1	1	0.924624	0.924624	0.924624	1	1
Story1	B887	1700	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B888	1701	0	1	1	0.956314	0.956314	0.956314	1	1
Story1	B889	1702	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B890	1706	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B891	1707	0	1	1	0.956314	0.956314	0.956314	1	1
Story1	B892	1708	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B917	1712	0	1	1	0.920091	0.920091	0.920091	1	1
Story1	B918	1713	0	1	1	0.920091	0.920091	0.920091	1	1
Story1	B920	1880	0	1	1	0.924624	0.924624	0.924624	1	1
Story1	B921	1881	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B922	1882	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B923	1889	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B938	1890	0	1	1	0.924624	0.924624	0.924624	1	1
Story1	B956	1906	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B957	1914	0	1	1	0.956314	0.956314	0.956314	1	1
Story1	B958	1915	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B959	1918	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B960	1919	0	1	1	0.956314	0.956314	0.956314	1	1
Story1	B961	1920	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B962	1931	0	1	1	0.920091	0.920091	0.920091	1	1
Story1	B1029	1932	0	1	1	0.920091	0.920091	0.920091	1	1
Story1	B1031	1997	0	1	1	0.924624	0.924624	0.924624	1	1
Story1	B1032	1998	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B1033	1999	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B1034	2013	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B1035	2014	0	1	1	0.924624	0.924624	0.924624	1	1
Story1	B1041	2030	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B1042	2038	0	1	1	0.956314	0.956314	0.956314	1	1
Story1	B1043	2039	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B1044	2042	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B1045	2043	0	1	1	0.956314	0.956314	0.956314	1	1
Story1	B1046	2044	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B1047	2055	0	1	1	0.920091	0.920091	0.920091	1	1
Story1	B1048	2056	0	1	1	0.920091	0.920091	0.920091	1	1
Story1	B1050	2098	0	1	1	0.924624	0.924624	0.924624	1	1
Story1	B1051	2099	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B1052	2100	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B1053	2101	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B1054	2102	0	1	1	0.924624	0.924624	0.924624	1	1
Story1	B1060	2114	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B1061	2115	0	1	1	0.956314	0.956314	0.956314	1	1
Story1	B1062	2116	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B1063	2119	0	1	1	0.934471	0.934471	0.934471	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	B1064	2120	0	1	1	0.956314	0.956314	0.956314	1	1
Story1	B1065	2121	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B1066	2125	0	1	1	0.920091	0.920091	0.920091	1	1
Story1	B1067	2126	0	1	1	0.920091	0.920091	0.920091	1	1
Story1	B1069	2156	0	1	1	0.924624	0.924624	0.924624	1	1
Story1	B1070	2158	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B1071	2160	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B1072	2161	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B1073	2162	0	1	1	0.924624	0.924624	0.924624	1	1
Story1	B1079	2172	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B1080	2173	0	1	1	0.956314	0.956314	0.956314	1	1
Story1	B1087	2174	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B1088	2177	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B1095	2178	0	1	1	0.956314	0.956314	0.956314	1	1
Story1	B1096	2179	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B1103	2184	0	1	1	0.920091	0.920091	0.920091	1	1
Story1	B1104	2186	0	1	1	0.920091	0.920091	0.920091	1	1
Story1	B1112	2216	0	1	1	0.924624	0.924624	0.924624	1	1
Story1	B1119	2217	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B1120	2218	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B1127	2219	0	1	1	0.949749	0.949749	0.949749	1	1
Story1	B1128	2220	0	1	1	0.924624	0.924624	0.924624	1	1
Story1	B1146	2230	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B1147	2232	0	1	1	0.956314	0.956314	0.956314	1	1
Story1	B1148	2234	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B1149	2237	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B1150	2238	0	1	1	0.956314	0.956314	0.956314	1	1
Story1	B1151	2239	0	1	1	0.934471	0.934471	0.934471	1	1
Story1	B1152	2243	0	1	1	0.920091	0.920091	0.920091	1	1
Story1	B1153	2244	0	1	1	0.920091	0.920091	0.920091	1	1
Story1	B39	11	0	1	1	0.903485	2.879357	2.879357	1	1
Story1	B43	32	0	1	1	0.927614	2.879357	2.879357	1	1
Story1	B46	78	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B47	85	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B48	86	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B49	87	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B50	88	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B51	89	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B54	132	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B55	133	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B56	134	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B57	135	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B58	136	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B59	137	0	1	1	0.917526	7.862543	7.862543	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	B64	175	0	1	1	0.921168	5.868613	5.868613	1	1
Story1	B65	176	0	1	1	0.921168	5.868613	5.868613	1	1
Story1	B66	177	0	1	1	0.921168	5.868613	5.868613	1	1
Story1	B67	178	0	1	1	0.921168	5.868613	5.868613	1	1
Story1	B68	179	0	1	1	0.894891	5.868613	5.868613	1	1
Story1	B69	188	0	1	1	0.924242	4.873737	4.873737	1	1
Story1	B70	189	0	1	1	0.924242	4.873737	4.873737	1	1
Story1	B71	190	0	1	1	0.924242	4.873737	4.873737	1	1
Story1	B108	192	0	1	1	0.890034	7.862543	7.862543	1	1
Story1	B109	193	0	1	1	0.890034	7.862543	7.862543	1	1
Story1	B110	194	0	1	1	0.928	3.88	3.88	1	1
Story1	B111	195	0	1	1	0.928	3.88	3.88	1	1
Story1	B114	197	0	1	1	0.904	3.88	3.88	1	1
Story1	B121	198	0	1	1	0.890034	7.862543	7.862543	1	1
Story1	B138	215	0	1	1	0.903485	2.879357	2.879357	1	1
Story1	B139	216	0	1	1	0.927614	2.879357	2.879357	1	1
Story1	B140	217	0	1	1	0.903485	2.879357	2.879357	1	1
Story1	B145	222	0	1	1	0.904	3.88	3.88	1	1
Story1	B148	223	0	1	1	0.928	3.88	3.88	1	1
Story1	B149	224	0	1	1	0.928	3.88	3.88	1	1
Story1	B150	225	0	1	1	0.904	3.88	3.88	1	1
Story1	B178	251	0	1	1	0.890034	7.862543	7.862543	1	1
Story1	B179	252	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B180	253	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B181	254	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B190	255	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B191	256	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B192	257	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B193	258	0	1	1	0.890034	7.862543	7.862543	1	1
Story1	B194	259	0	1	1	0.890034	7.862543	7.862543	1	1
Story1	B195	260	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B196	261	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B197	262	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B198	263	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B199	264	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B200	265	0	1	1	0.917526	7.862543	7.862543	1	1
Story1	B201	266	0	1	1	0.890034	7.862543	7.862543	1	1
Story1	B261	297	0	1	1	0.89899	4.873737	4.873737	1	1
Story1	B271	298	0	1	1	0.924242	4.873737	4.873737	1	1
Story1	B272	299	0	1	1	0.924242	4.873737	4.873737	1	1
Story1	B273	300	0	1	1	0.924242	4.873737	4.873737	1	1
Story1	B274	301	0	1	1	0.89899	4.873737	4.873737	1	1
Story1	B294	315	0	1	1	0.894891	5.868613	5.868613	1	1
Story1	B295	316	0	1	1	0.921168	5.868613	5.868613	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	B296	317	0	1	1	0.921168	5.868613	5.868613	1	1
Story1	B297	318	0	1	1	0.921168	5.868613	5.868613	1	1
Story1	B298	319	0	1	1	0.921168	5.868613	5.868613	1	1
Story1	B299	320	0	1	1	0.894891	5.868613	5.868613	1	1
Story1	B38	31	0	1	1	1	1	1	1	1
Story1	B40	52	0	1	1	1	4	4	1	1
Story1	B41	53	0	1	1	1	4	4	1	1
Story1	B42	54	0	1	1	1	4	4	1	1
Story1	B45	55	0	1	1	1	4	4	1	1
Story1	B52	131	0	1	1	1	1	1	1	1
Story1	B53	138	0	1	1	1	4	4	1	1
Story1	B60	140	0	1	1	1	4	4	1	1
Story1	B62	142	0	1	1	1	4	4	1	1
Story1	B63	144	0	1	1	1	4	4	1	1
Story1	B112	173	0	1	1	1	1	1	1	1
Story1	B113	174	0	1	1	1	4	4	1	1
Story1	B122	181	0	1	1	1	4	4	1	1
Story1	B123	183	0	1	1	1	4	4	1	1
Story1	B124	185	0	1	1	1	4	4	1	1
Story1	B125	207	0	1	1	1	1	1	1	1
Story1	B126	208	0	1	1	1	4	4	1	1
Story1	B127	209	0	1	1	1	4	4	1	1
Story1	B128	210	0	1	1	1	4	4	1	1
Story1	B129	211	0	1	1	1	4	4	1	1
Story1	B130	338	0	1	1	1	1	1	1	1
Story1	B131	339	0	1	1	1	4	4	1	1
Story1	B132	340	0	1	1	1	4	4	1	1
Story1	B133	341	0	1	1	1	4	4	1	1
Story1	B134	342	0	1	1	1	4	4	1	1
Story1	B202	353	0	1	1	1	1	1	1	1
Story1	B203	354	0	1	1	1	4	4	1	1
Story1	B315	355	0	1	1	1	4	4	1	1
Story1	B316	356	0	1	1	1	4	4	1	1
Story1	B323	357	0	1	1	1	4	4	1	1
Story1	B324	368	0	1	1	1	1	1	1	1
Story1	B325	369	0	1	1	1	4	4	1	1
Story1	B326	370	0	1	1	1	4	4	1	1
Story1	B327	371	0	1	1	1	4	4	1	1
Story1	B328	372	0	1	1	1	4	4	1	1
Story1	B335	413	0	1	1	1	3	3	1	1
Story1	B336	414	0	1	1	1	0.994638	0.994638	1	1
Story1	B337	415	0	1	1	1	3	3	1	1
Story1	B338	416	0	1	1	1	1	1	1	1
Story1	B339	417	0	1	1	1	3	3	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	B340	418	0	1	1	1	3	3	1	1
Story1	B341	419	0	1	1	1	3	3	1	1
Story1	B342	420	0	1	1	1	8	8	1	1
Story1	B343	421	0	1	1	1	8	8	1	1
Story1	B344	422	0	1	1	1	8	8	1	1
Story1	B345	423	0	1	1	1	8	8	1	1
Story1	B346	424	0	1	1	1	8	8	1	1
Story1	B347	425	0	1	1	1	8	8	1	1
Story1	B348	426	0	1	1	1	8	8	1	1
Story1	B349	427	0	1	1	1	8	8	1	1
Story1	B350	428	0	1	1	1	8	8	1	1
Story1	B351	429	0	1	1	1	8	8	1	1
Story1	B352	430	0	1	1	1	8	8	1	1
Story1	B353	431	0	1	1	1	8	8	1	1
Story1	B354	432	0	1	1	1	8	8	1	1
Story1	B355	433	0	1	1	1	8	8	1	1
Story1	B356	434	0	1	1	1	8	8	1	1
Story1	B357	435	0	1	1	1	8	8	1	1
Story1	B358	436	0	1	1	1	5	5	1	1
Story1	B359	437	0	1	1	1	5	5	1	1
Story1	B360	438	0	1	1	1	5	5	1	1
Story1	B361	439	0	1	1	1	5	5	1	1
Story1	B362	440	0	1	1	1	5	5	1	1
Story1	B363	441	0	1	1	1	6	6	1	1
Story1	B364	442	0	1	1	1	6	6	1	1
Story1	B365	443	0	1	1	1	6	6	1	1
Story1	B366	444	0	1	1	1	6	6	1	1
Story1	B367	445	0	1	1	1	6	6	1	1
Story1	B368	446	0	1	1	1	6	6	1	1
Story1	B1	10	0	1	1	0.903485	2.879357	2.879357	1	1
Story1	B2	18	0	1	1	0.904	3.88	3.88	1	1
Story1	B135	25	0	1	1	0.89899	4.873737	4.873737	1	1
Story1	B136	30	0	1	1	0.894891	5.868613	5.868613	1	1
Story1	B137	33	0	1	1	0.890034	7.862543	7.862543	1	1
Story1	B141	56	0	1	1	0.89899	4.873737	4.873737	1	1
NE+7.48	B1097	906	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1098	907	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1099	908	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1100	909	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1101	910	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1102	911	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1105	914	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1106	915	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1107	916	0	1	1	0.917526	7.862543	7.862543	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
NE+7.48	B1108	917	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1109	918	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1110	919	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1113	972	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1114	973	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1115	974	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1116	975	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1117	976	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1118	977	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1121	980	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1122	981	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1123	982	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1124	983	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1125	984	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1126	985	0	1	1	0.917526	7.862543	7.862543	1	1
NE+7.48	B1447	1576	0	1	1	0.927614	2.879357	2.879357	1	1
NE+7.48	B1450	1582	0	1	1	0.928	3.88	3.88	1	1
NE+7.48	B1451	1583	0	1	1	0.928	3.88	3.88	1	1
NE+7.48	B1454	1602	0	1	1	0.924242	4.873737	4.873737	1	1
NE+7.48	B1455	1603	0	1	1	0.924242	4.873737	4.873737	1	1
NE+7.48	B1456	1604	0	1	1	0.924242	4.873737	4.873737	1	1
NE+7.48	B1459	1612	0	1	1	0.921168	5.868613	5.868613	1	1
NE+7.48	B1460	1613	0	1	1	0.921168	5.868613	5.868613	1	1
NE+7.48	B1461	1614	0	1	1	0.921168	5.868613	5.868613	1	1
NE+7.48	B1462	1615	0	1	1	0.921168	5.868613	5.868613	1	1
NE+7.48	B1499	1836	0	1	1	0.927614	2.879357	2.879357	1	1
NE+7.48	B1508	1848	0	1	1	0.928	3.88	3.88	1	1
NE+7.48	B1509	1849	0	1	1	0.928	3.88	3.88	1	1
NE+7.48	B1520	1864	0	1	1	0.924242	4.873737	4.873737	1	1
NE+7.48	B1521	1865	0	1	1	0.924242	4.873737	4.873737	1	1
NE+7.48	B1522	1866	0	1	1	0.924242	4.873737	4.873737	1	1
NE+7.48	B1535	1884	0	1	1	0.921168	5.868613	5.868613	1	1
NE+7.48	B1536	1885	0	1	1	0.921168	5.868613	5.868613	1	1
NE+7.48	B1537	1886	0	1	1	0.921168	5.868613	5.868613	1	1
NE+7.48	B1538	1887	0	1	1	0.921168	5.868613	5.868613	1	1
Story1	D224	1525	0	1	1	1	1	1	1	1
Story1	D225	1529	0	1	1	1	1	1	1	1
Story1	D228	1536	0	1	1	1	1	1	1	1
Story1	D236	1627	0	1	1	1	1	1	1	1
Story1	D237	1638	0	1	1	1	1	1	1	1
Story1	D240	1651	0	1	1	1	1	1	1	1
Story1	D248	1797	0	1	1	1	1	1	1	1
Story1	D249	1840	0	1	1	1	1	1	1	1
Story1	D252	1853	0	1	1	1	1	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	D260	1944	0	1	1	1	1	1	1	1
Story1	D261	1948	0	1	1	1	1	1	1	1
Story1	D264	1961	0	1	1	1	1	1	1	1
Story1	D272	2063	0	1	1	1	1	1	1	1
Story1	D273	2067	0	1	1	1	1	1	1	1
Story1	D276	2075	0	1	1	1	1	1	1	1
Story1	D284	2132	0	1	1	1	1	1	1	1
Story1	D285	2137	0	1	1	1	1	1	1	1
Story1	D288	2143	0	1	1	1	1	1	1	1
Story1	D296	2191	0	1	1	1	1	1	1	1
Story1	D297	2195	0	1	1	1	1	1	1	1
Story1	D300	2201	0	1	1	1	1	1	1	1
Story1	D69	667	0	1	1	1	1	1	1	1
Story1	D70	668	0	1	1	1	1	1	1	1
Story1	D71	671	0	1	1	1	1	1	1	1
Story1	D72	672	0	1	1	1	1	1	1	1
Story1	D73	673	0	1	1	1	1	1	1	1
Story1	D74	674	0	1	1	1	1	1	1	1
Story1	D75	675	0	1	1	1	1	1	1	1
Story1	D76	680	0	1	1	1	1	1	1	1
Story1	D77	692	0	1	1	1	1	1	1	1
Story1	D78	693	0	1	1	1	1	1	1	1
Story1	D79	694	0	1	1	1	1	1	1	1
Story1	D80	695	0	1	1	1	1	1	1	1
Story1	D81	717	0	1	1	1	1	1	1	1
Story1	D82	718	0	1	1	1	1	1	1	1
Story1	D83	719	0	1	1	1	1	1	1	1
Story1	D84	728	0	1	1	1	1	1	1	1
Story1	D85	729	0	1	1	1	1	1	1	1
Story1	D86	730	0	1	1	1	1	1	1	1
Story1	D87	731	0	1	1	1	1	1	1	1
Story1	D88	732	0	1	1	1	1	1	1	1
Story1	D89	733	0	1	1	1	1	1	1	1
Story1	D90	734	0	1	1	1	1	1	1	1
Story1	D91	735	0	1	1	1	1	1	1	1
Story1	D92	743	0	1	1	1	1	1	1	1
Story1	D93	744	0	1	1	1	1	1	1	1
Story1	D94	745	0	1	1	1	1	1	1	1
Story1	D95	746	0	1	1	1	1	1	1	1
Story1	D96	747	0	1	1	1	1	1	1	1
Story1	D128	937	0	1	1	1	1	1	1	1
Story1	D129	959	0	1	1	1	1	1	1	1
Story1	D139	1595	0	1	1	1	1	1	1	1
Story1	D140	1694	0	1	1	1	1	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	D141	1695	0	1	1	1	1	1	1	1
Story1	D142	1704	0	1	1	1	1	1	1	1
Story1	D149	967	0	1	1	1	1	1	1	1
Story1	D150	968	0	1	1	1	1	1	1	1
Story1	D151	987	0	1	1	1	1	1	1	1
Story1	D152	988	0	1	1	1	1	1	1	1
Story1	D153	989	0	1	1	1	1	1	1	1
Story1	D154	996	0	1	1	1	1	1	1	1
Story1	D155	997	0	1	1	1	1	1	1	1
Story1	D156	998	0	1	1	1	1	1	1	1
Story1	D157	999	0	1	1	1	1	1	1	1
Story1	D158	1000	0	1	1	1	1	1	1	1
Story1	D159	1001	0	1	1	1	1	1	1	1
Story1	D160	1002	0	1	1	1	1	1	1	1
Story1	D161	1009	0	1	1	1	1	1	1	1
Story1	D162	1010	0	1	1	1	1	1	1	1
Story1	D163	1011	0	1	1	1	1	1	1	1
Story1	D164	1012	0	1	1	1	1	1	1	1
Story1	D165	1013	0	1	1	1	1	1	1	1
Story1	D166	1014	0	1	1	1	1	1	1	1
Story1	D167	1015	0	1	1	1	1	1	1	1
Story1	D168	1021	0	1	1	1	1	1	1	1
Story1	D169	1022	0	1	1	1	1	1	1	1
Story1	D170	1023	0	1	1	1	1	1	1	1
Story1	D171	1024	0	1	1	1	1	1	1	1
Story1	D172	1029	0	1	1	1	1	1	1	1
Story1	D179	1030	0	1	1	1	1	1	1	1
Story1	D180	1031	0	1	1	1	1	1	1	1
Story1	D181	1032	0	1	1	1	1	1	1	1
Story1	D182	1033	0	1	1	1	1	1	1	1
Story1	D394	1017	0	1	1	1	1	1	1	1
Story1	D395	1018	0	1	1	1	1	1	1	1
Story1	D396	2073	0	1	1	1	1	1	1	1
Story1	D397	2089	0	1	1	1	1	1	1	1
Story1	D398	2091	0	1	1	1	1	1	1	1
Story1	D399	2109	0	1	1	1	1	1	1	1
Story1	D202	1524	0	1	1	1	1	1	1	1
Story1	D203	1530	0	1	1	1	1	1	1	1
Story1	D204	1531	0	1	1	1	1	1	1	1
Story1	D205	1537	0	1	1	1	1	1	1	1
Story1	D206	1538	0	1	1	1	1	1	1	1
Story1	D211	1626	0	1	1	1	1	1	1	1
Story1	D212	1639	0	1	1	1	1	1	1	1
Story1	D213	1640	0	1	1	1	1	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	D214	1652	0	1	1	1	1	1	1	1
Story1	D215	1653	0	1	1	1	1	1	1	1
Story1	D220	1796	0	1	1	1	1	1	1	1
Story1	D221	1844	0	1	1	1	1	1	1	1
Story1	D405	1845	0	1	1	1	1	1	1	1
Story1	D406	1854	0	1	1	1	1	1	1	1
Story1	D407	1859	0	1	1	1	1	1	1	1
Story1	D412	1943	0	1	1	1	1	1	1	1
Story1	D413	1956	0	1	1	1	1	1	1	1
Story1	D414	1957	0	1	1	1	1	1	1	1
Story1	D415	1962	0	1	1	1	1	1	1	1
Story1	D416	1979	0	1	1	1	1	1	1	1
Story1	D421	2062	0	1	1	1	1	1	1	1
Story1	D422	2068	0	1	1	1	1	1	1	1
Story1	D423	2069	0	1	1	1	1	1	1	1
Story1	D424	2077	0	1	1	1	1	1	1	1
Story1	D425	2079	0	1	1	1	1	1	1	1
Story1	D430	2130	0	1	1	1	1	1	1	1
Story1	D431	2138	0	1	1	1	1	1	1	1
Story1	D432	2139	0	1	1	1	1	1	1	1
Story1	D433	2144	0	1	1	1	1	1	1	1
Story1	D434	2145	0	1	1	1	1	1	1	1
Story1	D439	2190	0	1	1	1	1	1	1	1
Story1	D440	2196	0	1	1	1	1	1	1	1
Story1	D441	2197	0	1	1	1	1	1	1	1
Story1	D442	2202	0	1	1	1	1	1	1	1
Story1	D443	2203	0	1	1	1	1	1	1	1
Story1	D14	20	0	1	1	1	1	1	1	1
Story1	D15	21	0	1	1	1	1	1	1	1
Story1	D16	42	0	1	1	1	1	1	1	1
Story1	D17	43	0	1	1	1	1	1	1	1
Story1	D18	44	0	1	1	1	1	1	1	1
Story1	D19	109	0	1	1	1	1	1	1	1
Story1	D20	110	0	1	1	1	1	1	1	1
Story1	D21	111	0	1	1	1	1	1	1	1
Story1	D22	112	0	1	1	1	1	1	1	1
Story1	D23	113	0	1	1	1	1	1	1	1
Story1	D24	114	0	1	1	1	1	1	1	1
Story1	D25	115	0	1	1	1	1	1	1	1
Story1	D40	122	0	1	1	1	1	1	1	1
Story1	D41	123	0	1	1	1	1	1	1	1
Story1	D42	124	0	1	1	1	1	1	1	1
Story1	D43	125	0	1	1	1	1	1	1	1
Story1	D44	126	0	1	1	1	1	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	D45	127	0	1	1	1	1	1	1	1
Story1	D46	128	0	1	1	1	1	1	1	1
Story1	D47	158	0	1	1	1	1	1	1	1
Story1	D48	159	0	1	1	1	1	1	1	1
Story1	D49	160	0	1	1	1	1	1	1	1
Story1	D50	161	0	1	1	1	1	1	1	1
Story1	D51	166	0	1	1	1	1	1	1	1
Story1	D52	167	0	1	1	1	1	1	1	1
Story1	D53	168	0	1	1	1	1	1	1	1
Story1	D54	169	0	1	1	1	1	1	1	1
Story1	D55	170	0	1	1	1	1	1	1	1
Story1	D56	885	0	1	1	1	1	1	1	1
Story1	D57	893	0	1	1	1	1	1	1	1
Story1	D58	1468	0	1	1	1	1	1	1	1
Story1	D59	1472	0	1	1	1	1	1	1	1
Story1	D60	1474	0	1	1	1	1	1	1	1
Story1	D61	1483	0	1	1	1	1	1	1	1
Story1	D1	76	0	1	1	1	1	1	1	1
Story1	D2	77	0	1	1	1	1	1	1	1
Story1	D3	96	0	1	1	1	1	1	1	1
Story1	D4	116	0	1	1	1	1	1	1	1
Story1	D5	117	0	1	1	1	1	1	1	1
Story1	D6	146	0	1	1	1	1	1	1	1
Story1	D7	148	0	1	1	1	1	1	1	1
Story1	D8	150	0	1	1	1	1	1	1	1
Story1	D9	152	0	1	1	1	1	1	1	1
Story1	D10	154	0	1	1	1	1	1	1	1
Story1	D11	187	0	1	1	1	1	1	1	1
Story1	D12	196	0	1	1	1	1	1	1	1
Story1	D13	199	0	1	1	1	1	1	1	1
Story1	D26	200	0	1	1	1	1	1	1	1
Story1	D27	201	0	1	1	1	1	1	1	1
Story1	D28	324	0	1	1	1	1	1	1	1
Story1	D29	329	0	1	1	1	1	1	1	1
Story1	D30	330	0	1	1	1	1	1	1	1
Story1	D31	331	0	1	1	1	1	1	1	1
Story1	D32	332	0	1	1	1	1	1	1	1
Story1	D33	343	0	1	1	1	1	1	1	1
Story1	D34	344	0	1	1	1	1	1	1	1
Story1	D35	345	0	1	1	1	1	1	1	1
Story1	D36	346	0	1	1	1	1	1	1	1
Story1	D37	347	0	1	1	1	1	1	1	1
Story1	D38	358	0	1	1	1	1	1	1	1
Story1	D39	359	0	1	1	1	1	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	D62	360	0	1	1	1	1	1	1	1
Story1	D63	361	0	1	1	1	1	1	1	1
Story1	D64	362	0	1	1	1	1	1	1	1
Story1	D65	1083	0	1	1	1	1	1	1	1
Story1	D66	1084	0	1	1	1	1	1	1	1
Story1	D67	2074	0	1	1	1	1	1	1	1
Story1	D68	2090	0	1	1	1	1	1	1	1
Story1	D97	2093	0	1	1	1	1	1	1	1
Story1	D98	2111	0	1	1	1	1	1	1	1
Story1	D99	589	0	1	1	1	1	1	1	1
Story1	D100	628	0	1	1	1	1	1	1	1
Story1	D101	1539	0	1	1	1	1	1	1	1
Story1	D102	1540	0	1	1	1	1	1	1	1
Story1	D103	1541	0	1	1	1	1	1	1	1
Story1	D104	1542	0	1	1	1	1	1	1	1
Story1	D105	1543	0	1	1	1	1	1	1	1
Story1	D106	228	0	1	1	1	1	1	1	1
Story1	D107	229	0	1	1	1	1	1	1	1
Story1	D108	232	0	1	1	1	1	1	1	1
Story1	D109	233	0	1	1	1	1	1	1	1
Story1	D110	234	0	1	1	1	1	1	1	1
Story1	D111	273	0	1	1	1	1	1	1	1
Story1	D112	274	0	1	1	1	1	1	1	1
Story1	D113	275	0	1	1	1	1	1	1	1
Story1	D114	276	0	1	1	1	1	1	1	1
Story1	D115	277	0	1	1	1	1	1	1	1
Story1	D116	278	0	1	1	1	1	1	1	1
Story1	D117	285	0	1	1	1	1	1	1	1
Story1	D118	286	0	1	1	1	1	1	1	1
Story1	D119	287	0	1	1	1	1	1	1	1
Story1	D120	288	0	1	1	1	1	1	1	1
Story1	D121	289	0	1	1	1	1	1	1	1
Story1	D122	290	0	1	1	1	1	1	1	1
Story1	D123	291	0	1	1	1	1	1	1	1
Story1	D124	305	0	1	1	1	1	1	1	1
Story1	D125	306	0	1	1	1	1	1	1	1
Story1	D126	307	0	1	1	1	1	1	1	1
Story1	D127	308	0	1	1	1	1	1	1	1
Story1	D130	325	0	1	1	1	1	1	1	1
Story1	D131	326	0	1	1	1	1	1	1	1
Story1	D132	327	0	1	1	1	1	1	1	1
Story1	D133	328	0	1	1	1	1	1	1	1
Story1	D136	7	0	1	1	1	1	1	1	1
Story1	D137	8	0	1	1	1	1	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 3 of 6, continued)

Story	Label	Unique Name	Camber mm	Net Area Ratio	LLRF	Unbraced Length Ratio Major	Unbraced Length Ratio Minor	Unbraced Length Ratio (LTB)	Effective Length Factor Major	Effective Length Factor Minor
Story1	D174	242	0	1	1	1	1	1	1	1
Story1	D176	244	0	1	1	1	1	1	1	1
Story1	D178	246	0	1	1	1	1	1	1	1
Story1	D184	248	0	1	1	1	1	1	1	1
Story1	D186	250	0	1	1	1	1	1	1	1
Story1	D188	293	0	1	1	1	1	1	1	1
Story1	D190	295	0	1	1	1	1	1	1	1
Story1	D192	309	0	1	1	1	1	1	1	1
Story1	D194	311	0	1	1	1	1	1	1	1
Story1	D196	313	0	1	1	1	1	1	1	1
Story1	D134	65	0	1	1	1	1	1	1	1
Story1	D135	212	0	1	1	1	1	1	1	1
Story1	D146	63	0	1	1	1	1	1	1	1
Story1	D147	64	0	1	1	1	1	1	1	1
Story1	D199	447	0	1	1	1	1	1	1	1
Story1	D201	449	0	1	1	1	1	1	1	1
Story1	D208	451	0	1	1	1	1	1	1	1
Story1	D210	453	0	1	1	1	1	1	1	1
Story1	D217	455	0	1	1	1	1	1	1	1
Story1	D219	457	0	1	1	1	1	1	1	1
Story1	D223	459	0	1	1	1	1	1	1	1
Story1	D227	461	0	1	1	1	1	1	1	1
Story1	D230	463	0	1	1	1	1	1	1	1
Story1	D232	465	0	1	1	1	1	1	1	1
Story1	D234	467	0	1	1	1	1	1	1	1
Story1	D238	469	0	1	1	1	1	1	1	1
Story1	D175	36	0	1	1	1	1	1	1	1
Story1	D148	38	0	1	1	1	1	1	1	1
Story1	D177	58	0	1	1	1	1	1	1	1
Story1	D183	59	0	1	1	1	1	1	1	1
Story1	D185	60	0	1	1	1	1	1	1	1
Story1	D187	66	0	1	1	1	1	1	1	1
Story1	D138	37	0	1	1	1	1	1	1	1
Story1	D143	39	0	1	1	1	1	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	C197	1521	1	1.100362	0.456559	0.327198	2.147508	1	1	1
Story1	C200	1545	1	1.097171	0.730103	0.264719	1.369671	1	1	1
Story1	C211	1623	1	1.100362	0.31097	0.225119	2.216818	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	C214	1666	1	1.097171	0.446711	0.300184	2.15206	1	1	1
Story1	C225	1793	1	1.100362	0.352239	0.250186	2.196721	1	1	1
Story1	C228	1870	1	1.097171	0.463407	0.300028	2.144355	1	1	1
Story1	C242	1985	1	1.097171	0.362667	0.30088	2.1917	1	1	1
Story1	C256	2092	1	1.097171	0.466306	0.30667	2.143023	1	1	1
Story1	C270	2151	1	1.097171	0.478511	0.299916	2.089818	1	1	1
Story1	C284	2210	1	1.097171	0.478621	0.299338	2.089334	1	1	1
Story1	C130	577	1	1	1	1	1.752192	1	1	1
Story1	C132	579	1	1	1	1	2.179938	1	1	1
Story1	C134	706	1	1	0.340173	0.948796	2.202559	1	1	1
Story1	C136	707	1	1	0.311173	0.953708	2.216719	1	1	1
Story1	C138	708	1	1	0.290459	0.947178	2.226944	1	1	1
Story1	C140	709	1	1	0.23414	0.883717	2.255229	1	1	1
Story1	C142	710	1	1	0.371823	0.313017	2.187311	1	1	1
Story1	C144	591	1	1	0.375286	0.320346	2.185656	1	1	1
Story1	C146	711	1	1	0.240334	0.706318	2.252083	1	1	1
Story1	C148	712	1	1	0.233979	0.798442	2.25531	1	1	1
Story1	C150	713	1	1	0.200672	0.820751	2.27238	1	1	1
Story1	C152	714	1	1	1	1	2.163569	1	1	1
Story1	C154	715	1	1	1	1	2.198025	1	1	1
Story1	C156	716	1	1	1	1	1.992725	1	1	1
Story1	C158	670	1	1	0.294678	0.896572	2.224853	1	1	1
Story1	C160	669	1	1	0.248662	0.569391	2.247867	1	1	1
Story1	C162	609	1	1	0.260549	0.744896	2.241877	1	1	1
Story1	C164	666	1	1	0.286315	0.976653	2.229001	1	1	1
Story1	C166	613	1	1	0.256005	0.816144	2.244163	1	1	1
Story1	C168	615	1	1	1	1	2.175257	1	1	1
Story1	C170	736	1	1	1	1	1.721799	1	1	1
Story1	C172	737	1	1	0.728463	0.265647	1.372753	1	1	1
Story1	C174	738	1	1	0.296553	0.298722	2.223926	1	1	1
Story1	C176	623	1	1	0.579398	0.383793	1.725928	1	1	1
Story1	C178	739	1	1	0.287219	0.770508	2.228552	1	1	1
Story1	C180	740	1	1	0.419352	0.812115	2.164806	1	1	1
Story1	C182	741	1	1	0.726237	0.850403	1.376961	1	1	1
Story1	C184	742	1	1	0.657854	0.569439	1.520095	1	1	1
Story1	C3	581	1	1	1	1	1.6167	1	1	1
Story1	C7	583	1	1	0.440207	0.680493	2.155076	1	1	1
Story1	C11	990	1	1	1	1	2.242486	1	1	1
Story1	C15	1003	1	1	0.274635	0.902882	2.234819	1	1	1
Story1	C23	991	1	1	1	1	2.184334	1	1	1
Story1	C31	1004	1	1	0.265662	0.999799	2.23931	1	1	1
Story1	C41	992	1	1	1	1	2.183658	1	1	1
Story1	C45	1005	1	1	0.256548	0.983516	2.243889	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	C49	993	1	1	0.236811	0.86706	2.253871	1	1	1
Story1	C53	1006	1	1	0.223127	0.982559	2.260844	1	1	1
Story1	C57	994	1	1	0.238997	0.90654	2.252761	1	1	1
Story1	C61	1007	1	1	1	1	2.208294	1	1	1
Story1	C65	995	1	1	0.493512	0.644992	2.026293	1	1	1
Story1	C69	1008	1	1	1	1	2.035575	1	1	1
Story1	C73	970	1	1	0.468081	0.898393	2.136385	1	1	1
Story1	C77	969	1	1	0.246986	0.316121	2.248714	1	1	1
Story1	C81	617	1	1	0.235536	0.387695	2.254519	1	1	1
Story1	C85	966	1	1	0.294052	0.474803	2.225164	1	1	1
Story1	C89	621	1	1	0.262785	0.38673	2.240753	1	1	1
Story1	C93	624	1	1	1	1	2.133662	1	1	1
Story1	C97	1016	1	1	1	1	2.20091	1	1	1
Story1	C101	1019	1	1	1	1	2.179717	1	1	1
Story1	C105	1020	1	1	1	1	2.119761	1	1	1
Story1	C109	748	1	1	0.423808	0.801497	2.16272	1	1	1
Story1	C113	1025	1	1	0.272426	0.995307	2.235923	1	1	1
Story1	C117	1026	1	1	0.302667	0.979486	2.220906	1	1	1
Story1	C121	1027	1	1	0.376566	0.993761	2.185044	1	1	1
Story1	C125	1028	1	1	0.330525	0.752664	2.20725	1	1	1
Story1	C487	1591	1	1.099135	0.60966	0.429603	1.640259	1	1	1
Story1	C489	1592	1	1.00844	0.65076	0.442032	1.536665	1	1	1
Story1	C491	1593	1	1.008695	0.338063	0.430802	2.203583	1	1	1
Story1	C493	1607	1	1.008695	0.528724	0.450955	1.891348	1	1	1
Story1	C495	1608	1	1.00844	0.772689	0.419881	1.294182	1	1	1
Story1	C501	1620	1	1.007145	0.473068	0.4255	2.11386	1	1	1
Story1	C510	1697	1	1.099135	0.381106	0.430293	2.182879	1	1	1
Story1	C511	1698	1	1.00844	0.599853	0.451832	1.667075	1	1	1
Story1	C512	1699	1	1.008695	0.227731	0.449601	2.258493	1	1	1
Story1	C513	1703	1	1.008695	0.340783	0.45273	2.202263	1	1	1
Story1	C514	1705	1	1.00844	0.55244	0.433503	1.81015	1	1	1
Story1	C517	1711	1	1.007145	0.761856	0.472217	1.312585	1	1	1
Story1	C523	1903	1	1.099135	0.854207	0.42677	1.170676	1	1	1
Story1	C524	1904	1	1.00844	0.613849	0.451887	1.629066	1	1	1
Story1	C525	1905	1	1.008695	0.349428	0.445533	2.198079	1	1	1
Story1	C526	1916	1	1.008695	0.459246	0.448561	2.14627	1	1	1
Story1	C527	1917	1	1.00844	0.9236	0.380507	1.08272	1	1	1
Story1	C530	1930	1	1.007145	0.361187	0.455806	2.192412	1	1	1
Story1	C531	1933	1	1.100362	0.332333	0.237872	2.206369	1	1	1
Story1	C537	2027	1	1.099135	0.319051	0.42095	2.212854	1	1	1
Story1	C538	2028	1	1.00844	0.635672	0.452371	1.573139	1	1	1
Story1	C539	2029	1	1.008695	0.402106	0.446944	2.172918	1	1	1
Story1	C540	2040	1	1.008695	0.502197	0.44936	1.991249	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	C541	2041	1	1.00844	0.46396	0.365593	2.144101	1	1	1
Story1	C544	2054	1	1.007145	0.739798	0.456283	1.35172	1	1	1
Story1	C545	2057	1	1.100362	0.351443	0.245392	2.197105	1	1	1
Story1	C551	2110	1	1.099135	0.954214	0.427574	1.047983	1	1	1
Story1	C552	2112	1	1.00844	0.613035	0.451661	1.631227	1	1	1
Story1	C553	2113	1	1.008695	0.518986	0.445249	1.926836	1	1	1
Story1	C554	2117	1	1.008695	0.54416	0.448237	1.837695	1	1	1
Story1	C555	2118	1	1.00844	0.908242	0.403036	1.101028	1	1	1
Story1	C558	2124	1	1.007145	0.418799	0.45593	2.165065	1	1	1
Story1	C559	2127	1	1.100362	0.346242	0.254524	2.199619	1	1	1
Story1	C565	2169	1	1.099135	0.84243	0.426756	1.187042	1	1	1
Story1	C566	2170	1	1.00844	0.607382	0.452304	1.64641	1	1	1
Story1	C567	2171	1	1.008695	0.364482	0.445812	2.190829	1	1	1
Story1	C568	2175	1	1.008695	0.474398	0.449511	2.107935	1	1	1
Story1	C569	2176	1	1.00844	0.861727	0.345782	1.16046	1	1	1
Story1	C572	2182	1	1.007145	0.339878	0.456184	2.202702	1	1	1
Story1	C573	2187	1	1.100362	0.353985	0.278406	2.195879	1	1	1
Story1	C579	2227	1	1.099135	0.919616	0.443164	1.08741	1	1	1
Story1	C580	2228	1	1.00844	0.606883	0.451088	1.647764	1	1	1
Story1	C581	2229	1	1.008695	0.45766	0.441027	2.147001	1	1	1
Story1	C582	2235	1	1.008695	0.541902	0.445653	1.845351	1	1	1
Story1	C583	2236	1	1.00844	0.885544	0.398151	1.129249	1	1	1
Story1	C586	2242	1	1.007145	0.407545	0.455486	2.170353	1	1	1
Story1	C5	9	1	1	0.357752	0.956711	2.194064	1	1	1
Story1	C13	19	1	1	0.208777	0.783326	2.268203	1	1	1
Story1	C16	22	1	1	1	1	2.215422	1	1	1
Story1	C19	34	1	1	0.469981	0.351008	2.127744	1	1	1
Story1	C20	41	1	1	1	1	2.033663	1	1	1
Story1	C22	45	1	1	1	1	2.169351	1	1	1
Story1	C26	97	1	1	1	1	2.195315	1	1	1
Story1	C28	98	1	1	1	1	2.172285	1	1	1
Story1	C32	99	1	1	0.276916	0.841387	2.233681	1	1	1
Story1	C35	100	1	1	0.213922	0.852056	2.265559	1	1	1
Story1	C37	101	1	1	0.215582	0.849267	2.264707	1	1	1
Story1	C39	108	1	1	0.240122	0.321044	2.25219	1	1	1
Story1	C71	129	1	1	0.249986	0.425597	2.247198	1	1	1
Story1	C74	139	1	1	0.212268	0.675185	2.266408	1	1	1
Story1	C76	141	1	1	0.217342	0.763241	2.263805	1	1	1
Story1	C79	143	1	1	0.257681	0.790393	2.243319	1	1	1
Story1	C82	145	1	1	1	1	2.17065	1	1	1
Story1	C84	147	1	1	1	1	2.192441	1	1	1
Story1	C87	149	1	1	1	1	2.178327	1	1	1
Story1	C90	151	1	1	1	1	2.193785	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	C92	155	1	1	1	1	1.916196	1	1	1
Story1	C94	156	1	1	0.555302	0.61631	1.800822	1	1	1
Story1	C95	157	1	1	0.24716	0.882597	2.248626	1	1	1
Story1	C102	171	1	1	0.326359	0.467609	2.209281	1	1	1
Story1	C104	180	1	1	0.248675	0.908348	2.24786	1	1	1
Story1	C107	182	1	1	0.244834	0.922399	2.249803	1	1	1
Story1	C110	184	1	1	0.42708	0.951624	2.16119	1	1	1
Story1	C112	186	1	1	1	1	2.143596	1	1	1
Story1	C163	1618	1	1.166522	0.259586	0.907623	2.242361	1	1	1
Story1	C165	1709	1	1.166522	0.48812	0.460847	2.048676	1	1	1
Story1	C167	1928	1	1.166522	0.552063	0.573499	1.811387	1	1	1
Story1	C169	2052	1	1.166522	0.314846	0.539394	2.214915	1	1	1
Story1	C171	2122	1	1.166522	0.553693	0.594081	1.806055	1	1	1
Story1	C173	2180	1	1.166522	0.609637	0.525938	1.640321	1	1	1
Story1	C175	2240	1	1.166522	0.571697	0.640382	1.749177	1	1	1
Story1	C9	1546	1	1.008411	0.949754	0.449834	1.052904	1	1	1
Story1	C12	1547	1	1.00917	0.361241	0.487409	2.192386	1	1	1
Story1	C17	1548	1	1.010058	0.667191	0.5128	1.498821	1	1	1
Story1	C21	1549	1	1.011135	0.897919	0.507127	1.113686	1	1	1
Story1	C24	118	1	1.008411	0.64086	0.473273	1.560402	1	1	1
Story1	C25	119	1	1.00917	0.635664	0.493065	1.573158	1	1	1
Story1	C27	120	1	1.010058	0.686681	0.536383	1.456281	1	1	1
Story1	C29	121	1	1.011135	0.42514	0.581363	2.162097	1	1	1
Story1	C30	130	1	1.288986	0.367563	0.460799	2.189351	1	1	1
Story1	C33	162	1	1.008411	0.657625	0.467337	1.520624	1	1	1
Story1	C34	163	1	1.00917	0.678	0.49304	1.474925	1	1	1
Story1	C36	164	1	1.010058	0.838519	0.533406	1.192578	1	1	1
Story1	C38	165	1	1.011135	0.562974	0.576717	1.776282	1	1	1
Story1	C40	172	1	1.288986	0.294996	0.647049	2.224696	1	1	1
Story1	C42	202	1	1.008411	0.587844	0.468646	1.701131	1	1	1
Story1	C43	203	1	1.00917	0.242202	0.492526	2.251136	1	1	1
Story1	C44	204	1	1.010058	0.421298	0.535298	2.163894	1	1	1
Story1	C46	205	1	1.011135	0.568872	0.580485	1.757865	1	1	1
Story1	C47	206	1	1.288986	0.413072	0.584918	2.167753	1	1	1
Story1	C48	333	1	1.008411	0.6453	0.467512	1.549667	1	1	1
Story1	C50	334	1	1.00917	0.79758	0.492653	1.253792	1	1	1
Story1	C51	335	1	1.010058	0.992907	0.533318	1.007144	1	1	1
Story1	C52	336	1	1.011135	0.672399	0.576735	1.487212	1	1	1
Story1	C54	337	1	1.288986	0.344074	0.530963	2.200669	1	1	1
Story1	C55	348	1	1.008411	0.66015	0.468676	1.514807	1	1	1
Story1	C56	349	1	1.00917	0.820082	0.494151	1.219391	1	1	1
Story1	C58	350	1	1.010058	0.938791	0.534851	1.0652	1	1	1
Story1	C59	351	1	1.011135	0.614489	0.580091	1.627367	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	C60	352	1	1.288986	0.205772	0.588156	2.26975	1	1	1
Story1	C62	363	1	1.008411	0.671054	0.465313	1.490194	1	1	1
Story1	C63	364	1	1.00917	0.836321	0.492357	1.195713	1	1	1
Story1	C64	365	1	1.010058	0.983289	0.52894	1.016995	1	1	1
Story1	C66	366	1	1.011135	0.672255	0.567012	1.48753	1	1	1
Story1	C67	367	1	1.288986	0.356894	0.587768	2.194477	1	1	1
Story1	C68	1281	1	1	1	1	2.160838	1	1	1
Story1	C70	1283	1	1	0.350376	0.762413	2.197621	1	1	1
Story1	C72	1313	1	1	0.223214	0.474341	2.2608	1	1	1
Story1	C75	1319	1	1	1	1	2.189037	1	1	1
Story1	C78	1371	1	1	0.381919	0.942247	2.182492	1	1	1
Story1	C80	622	1	1	0.655176	0.922597	1.526307	1	1	1
Story1	C83	1590	1	1.288986	0.564317	0.273163	1.772053	1	1	1
Story1	C86	226	1	1	0.279479	0.977963	2.232402	1	1	1
Story1	C88	227	1	1	0.280029	0.956739	2.232128	1	1	1
Story1	C91	230	1	1	0.259749	0.436313	2.242279	1	1	1
Story1	C96	231	1	1	0.206704	0.641896	2.26927	1	1	1
Story1	C98	267	1	1	1	1	2.217444	1	1	1
Story1	C99	268	1	1	1	1	2.248817	1	1	1
Story1	C100	269	1	1	1	1	2.221581	1	1	1
Story1	C103	270	1	1	0.467901	0.904132	2.137206	1	1	1
Story1	C106	271	1	1	0.378761	0.911784	2.183997	1	1	1
Story1	C108	272	1	1	0.349964	0.919343	2.19782	1	1	1
Story1	C111	279	1	1	0.378716	0.99502	2.184018	1	1	1
Story1	C114	280	1	1	0.470475	0.985337	2.125513	1	1	1
Story1	C177	281	1	1	1	1	2.245089	1	1	1
Story1	C179	282	1	1	1	1	2.239044	1	1	1
Story1	C181	283	1	1	1	1	2.212709	1	1	1
Story1	C183	284	1	1	1	1	2.16478	1	1	1
Story1	C185	302	1	1	1	1	2.166515	1	1	1
Story1	C186	303	1	1	1	1	2.176045	1	1	1
Story1	C187	304	1	1	0.300528	0.72999	2.221961	1	1	1
Story1	C188	321	1	1	0.861552	0.923858	1.160696	1	1	1
Story1	C189	322	1	1	1	1	1.945752	1	1	1
Story1	C190	323	1	1	1	1	2.19909	1	1	1
Story1	B27	1522	1	1	1	1	1.22417	1	1	1
Story1	B98	1523	1	1	1	1	2.230371	1	1	1
Story1	B115	1526	1	1	1	1	2.24478	1	1	1
Story1	B116	1527	1	1	1	1	1.061776	1	1	1
Story1	B117	1528	1	1	1	1	1.217868	1	1	1
Story1	B118	1532	1	1	1	1	1.836604	1	1	1
Story1	B119	1534	1	1	1	1	2.014592	1	1	1
Story1	B120	1535	1	1	1	1	1.832473	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	B146	1624	1	1	1	1	1.234363	1	1	1
Story1	B147	1625	1	1	1	1	2.171072	1	1	1
Story1	B154	1628	1	1	1	1	2.18604	1	1	1
Story1	B159	1629	1	1	1	1	1.028124	1	1	1
Story1	B164	1637	1	1	1	1	1.92656	1	1	1
Story1	B165	1641	1	1	1	1	1.585338	1	1	1
Story1	B174	1642	1	1	1	1	2.10292	1	1	1
Story1	B175	1643	1	1	0.555509	1	1.810474	1	1	1
Story1	B182	1794	1	1	1	1	1.226822	1	1	1
Story1	B183	1795	1	1	0.463902	1	2.160853	1	1	1
Story1	B184	1820	1	1	1	1	2.177231	1	1	1
Story1	B185	1838	1	1	1	1	1.096788	1	1	1
Story1	B186	1839	1	1	1	1	1.731059	1	1	1
Story1	B187	1846	1	1	1	1	1.592713	1	1	1
Story1	B188	1851	1	1	1	1	2.107523	1	1	1
Story1	B189	1852	1	1	0.554754	1	1.811168	1	1	1
Story1	B212	1934	1	1	1	1	1.222309	1	1	1
Story1	B213	1942	1	1	0.463334	1	2.156247	1	1	1
Story1	B214	1945	1	1	0.434617	1	2.171505	1	1	1
Story1	B215	1946	1	1	1	1	1.108275	1	1	1
Story1	B216	1947	1	1	1	1	1.769218	1	1	1
Story1	B217	1958	1	1	1	1	1.508259	1	1	1
Story1	B218	1959	1	1	1	1	2.03315	1	1	1
Story1	B219	1960	1	1	0.553043	1	1.814473	1	1	1
Story1	B226	2058	1	1	1	1	1.230787	1	1	1
Story1	B235	2061	1	1	0.460275	1	2.161605	1	1	1
Story1	B236	2064	1	1	1	1	2.177621	1	1	1
Story1	B237	2065	1	1	1	1	1.079556	1	1	1
Story1	B238	2066	1	1	1	1	1.824923	1	1	1
Story1	B239	2070	1	1	1	1	1.623548	1	1	1
Story1	B240	2071	1	1	1	1	2.115222	1	1	1
Story1	B241	2072	1	1	0.555829	1	1.806858	1	1	1
Story1	B248	2128	1	1	1	1	1.192186	1	1	1
Story1	B249	2129	1	1	0.46614	1	2.15909	1	1	1
Story1	B250	2134	1	1	1	1	2.175401	1	1	1
Story1	B251	2135	1	1	1	1	1.094509	1	1	1
Story1	B252	2136	1	1	1	1	1.66346	1	1	1
Story1	B253	2140	1	1	1	1	1.560825	1	1	1
Story1	B254	2141	1	1	1	1	2.014939	1	1	1
Story1	B255	2142	1	1	0.552218	1	1.819516	1	1	1
Story1	B262	2188	1	1	1	1	1.222206	1	1	1
Story1	B263	2189	1	1	1	1	2.18224	1	1	1
Story1	B264	2192	1	1	1	1	2.199369	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	B265	2193	1	1	1	1	1.033775	1	1	1
Story1	B266	2194	1	1	1	1	1.569557	1	1	1
Story1	B267	2198	1	1	1	1	1.803151	1	1	1
Story1	B268	2199	1	1	1	1	2.046267	1	1	1
Story1	B269	2200	1	1	1	1	1.82403	1	1	1
Story1	B404	905	1	1	1	1	2.001863	1	1	1
Story1	B405	912	1	1	1	1	2.48027	1	1	1
Story1	B406	913	1	1	1	1	2.407731	1	1	1
Story1	B407	920	1	1	1	1	1.999036	1	1	1
Story1	B408	971	1	1	1	1	2.573413	1	1	1
Story1	B409	978	1	1	1	1	1.262088	1	1	1
Story1	B410	979	1	1	1	1	2.4877	1	1	1
Story1	B411	986	1	1	1	1	2.020035	1	1	1
Story1	B446	1575	1	1	1	1	2.026317	1	1	1
Story1	B447	1577	1	1	1	1	2.342547	1	1	1
Story1	B448	1581	1	1	1	1	2.396366	1	1	1
Story1	B449	1584	1	1	1	1	1.159863	1	1	1
Story1	B450	1601	1	1	1	1	2.132004	1	1	1
Story1	B451	1605	1	1	1	1	2.216915	1	1	1
Story1	B452	1611	1	1	1	1	1.912809	1	1	1
Story1	B453	1616	1	1	1	1	2.010702	1	1	1
Story1	B464	1835	1	1	1	1	2.060898	1	1	1
Story1	B465	1837	1	1	1	1	2.673652	1	1	1
Story1	B469	1847	1	1	1	1	2.880808	1	1	1
Story1	B470	1850	1	1	1	1	1.930209	1	1	1
Story1	B497	1863	1	1	1	1	1.665962	1	1	1
Story1	B498	1867	1	1	1	1	2.144146	1	1	1
Story1	B503	1883	1	1	1	1	1.729868	1	1	1
Story1	B504	1888	1	1	1	1	2.018475	1	1	1
Story1	B3	377	1	1	1	1	3	1	1	1
Story1	B4	378	1	1	1	1	2.539867	1	1	1
Story1	B5	379	1	1	1	0.484615	2.449168	1	1	1
Story1	B7	381	1	1	1	0.616725	1.974257	1	1	1
Story1	B8	382	1	1	1	1	2.178452	1	1	1
Story1	B9	383	1	1	1	1	1.844564	1	1	1
Story1	B10	384	1	1	1	1	2.386925	1	1	1
Story1	B11	385	1	1	1	1	1.220279	1	1	1
Story1	B12	386	1	1	1	1	1.305051	1	1	1
Story1	B13	387	1	1	1	1	1.282989	1	1	1
Story1	B14	388	1	1	1	1	1.359039	1	1	1
Story1	B15	389	1	1	1	1	2.068851	1	1	1
Story1	B16	390	1	1	1	1	2.555761	1	1	1
Story1	B17	391	1	1	1	1	2.463124	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	B18	392	1	1	1	1	2.445088	1	1	1
Story1	B19	393	1	1	1	1	2.575568	1	1	1
Story1	B20	394	1	1	1	1	2.118735	1	1	1
Story1	B21	395	1	1	1	1	1.368465	1	1	1
Story1	B22	396	1	1	1	1	1.284654	1	1	1
Story1	B23	397	1	1	1	1	1.277044	1	1	1
Story1	B24	398	1	1	1	1	1.23236	1	1	1
Story1	B25	399	1	1	1	1	2.727838	1	1	1
Story1	B26	400	1	1	1	1	1.945822	1	1	1
Story1	B28	401	1	1	1	1	2.749616	1	1	1
Story1	B29	402	1	1	1	1	3	1	1	1
Story1	B30	403	1	1	1	1	2.998108	1	1	1
Story1	B31	404	1	1	1	1	2.514348	1	1	1
Story1	B32	405	1	1	1	1	2.379065	1	1	1
Story1	B33	406	1	1	1	1	2.054973	1	1	1
Story1	B34	407	1	1	1	1	1.433899	1	1	1
Story1	B35	408	1	1	1	1	1.222822	1	1	1
Story1	B36	409	1	1	1	1	1.318154	1	1	1
Story1	B37	410	1	1	1	1	2.621163	1	1	1
Story1	B72	632	1	1	1	1	2.212353	1	1	1
Story1	B73	633	1	1	1	1	2.24314	1	1	1
Story1	B74	634	1	1	1	0.374291	2.152821	1	1	1
Story1	B75	635	1	1	1	1	1.970493	1	1	1
Story1	B76	636	1	1	1	1	2.14192	1	1	1
Story1	B77	637	1	1	1	1	2.241811	1	1	1
Story1	B78	638	1	1	1	1	2.158959	1	1	1
Story1	B79	639	1	1	1	1	3.079848	1	1	1
Story1	B80	640	1	1	1	1	1.366643	1	1	1
Story1	B81	641	1	1	1	1	1.313632	1	1	1
Story1	B82	642	1	1	1	1	1.365028	1	1	1
Story1	B83	643	1	1	1	1	1.514379	1	1	1
Story1	B84	644	1	1	1	1	1.975344	1	1	1
Story1	B85	645	1	1	1	1	1.625005	1	1	1
Story1	B86	646	1	1	1	1	2.306994	1	1	1
Story1	B87	647	1	1	1	1	2.30509	1	1	1
Story1	B88	648	1	1	1	1	2.165194	1	1	1
Story1	B89	649	1	1	1	1	2.428566	1	1	1
Story1	B90	650	1	1	1	1	1.680856	1	1	1
Story1	B91	651	1	1	1	1	1.277801	1	1	1
Story1	B92	652	1	1	1	1	1.295612	1	1	1
Story1	B93	653	1	1	1	1	1.254831	1	1	1
Story1	B94	654	1	1	1	1	2.7366	1	1	1
Story1	B95	655	1	1	1	1	2.526891	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	B96	656	1	1	1	1	1.766617	1	1	1
Story1	B97	657	1	1	1	1	2.497972	1	1	1
Story1	B99	658	1	1	1	1	3	1	1	1
Story1	B100	659	1	1	1	1	2.521594	1	1	1
Story1	B101	660	1	1	1	1	2.488787	1	1	1
Story1	B102	661	1	1	1	1	2.268766	1	1	1
Story1	B103	662	1	1	1	1	1.4014	1	1	1
Story1	B104	663	1	1	1	1	1.314964	1	1	1
Story1	B105	664	1	1	1	1	1.417792	1	1	1
Story1	B106	665	1	1	1	1	3.174185	1	1	1
Story1	B204	797	1	1	1	1	2.222022	1	1	1
Story1	B205	798	1	1	1	1	2.195652	1	1	1
Story1	B206	799	1	1	1	0.212479	2.159674	1	1	1
Story1	B208	800	1	1	1	1	1.912859	1	1	1
Story1	B220	801	1	1	1	1	2.08467	1	1	1
Story1	B227	802	1	1	1	1	2.52252	1	1	1
Story1	B228	804	1	1	1	1	2.028681	1	1	1
Story1	B229	805	1	1	1	1	1.95714	1	1	1
Story1	B230	806	1	1	1	1	3	1	1	1
Story1	B231	807	1	1	1	1	2.832204	1	1	1
Story1	B232	808	1	1	1	1	1.483757	1	1	1
Story1	B233	809	1	1	1	1	1.234007	1	1	1
Story1	B234	810	1	1	1	1	1.333555	1	1	1
Story1	B242	811	1	1	1	1	2.615762	1	1	1
Story1	B256	812	1	1	1	1	2.393517	1	1	1
Story1	B270	814	1	1	1	1	2.270505	1	1	1
Story1	B284	815	1	1	1	1	1.397466	1	1	1
Story1	B285	816	1	1	1	1	2.465456	1	1	1
Story1	B286	817	1	1	1	1	1.531108	1	1	1
Story1	B287	818	1	1	1	1	1.328934	1	1	1
Story1	B288	819	1	1	1	1	1.249621	1	1	1
Story1	B289	820	1	1	1	1	1.27736	1	1	1
Story1	B290	821	1	1	1	1	2.588096	1	1	1
Story1	B291	822	1	1	1	1	2.062034	1	1	1
Story1	B292	823	1	1	1	1	2.682659	1	1	1
Story1	B306	938	1	1	1	1	3.036867	1	1	1
Story1	B313	939	1	1	1	1	1.943577	1	1	1
Story1	B314	940	1	1	1	1	2.52146	1	1	1
Story1	B317	941	1	1	1	1	2.297523	1	1	1
Story1	B318	942	1	1	1	1	1.377389	1	1	1
Story1	B319	943	1	1	1	1	1.823763	1	1	1
Story1	B320	944	1	1	1	1	1.534863	1	1	1
Story1	B321	945	1	1	1	1	1.537963	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	B322	946	1	1	1	1	1.552453	1	1	1
Story1	B781	1550	1	1	1	1	1.439681	1	1	1
Story1	B782	1568	1	1	1	1	2.390277	1	1	1
Story1	B783	1578	1	1	1	1	2.007219	1	1	1
Story1	B804	1579	1	1	1	0.404712	1.755964	1	1	1
Story1	B805	1580	1	1	1	0.759551	1.869913	1	1	1
Story1	B825	1594	1	1	1	1	1.706525	1	1	1
Story1	B826	1596	1	1	1	1	1.353801	1	1	1
Story1	B827	1606	1	1	1	0.299228	1.044609	1	1	1
Story1	B828	1609	1	1	1	0.324355	2.275116	1	1	1
Story1	B829	1610	1	1	1	0.528347	1.057645	1	1	1
Story1	B840	1617	1	1	1	0.997853	1.072787	1	1	1
Story1	B841	1621	1	1	1	1	1.97041	1	1	1
Story1	B842	1622	1	1	1	1	1.533425	1	1	1
Story1	B844	1677	1	1	1	1	1.671481	1	1	1
Story1	B845	1678	1	1	1	1	2.216828	1	1	1
Story1	B858	1679	1	1	1	1	2.177403	1	1	1
Story1	B859	1680	1	1	1	1	1.934294	1	1	1
Story1	B860	1681	1	1	1	1	1.041285	1	1	1
Story1	B887	1700	1	1	1	1	1.870374	1	1	1
Story1	B888	1701	1	1	1	1	1.398014	1	1	1
Story1	B889	1702	1	1	1	1	1.631702	1	1	1
Story1	B890	1706	1	1	1	0.53456	2.195242	1	1	1
Story1	B891	1707	1	1	1	0.534795	1.193933	1	1	1
Story1	B892	1708	1	1	1	1	1.663566	1	1	1
Story1	B917	1712	1	1	1	1	2.189379	1	1	1
Story1	B918	1713	1	1	1	1	1.456533	1	1	1
Story1	B920	1880	1	1	1	1	1.66977	1	1	1
Story1	B921	1881	1	1	1	1	2.243358	1	1	1
Story1	B922	1882	1	1	1	1	2.096311	1	1	1
Story1	B923	1889	1	1	1	1	1.421861	1	1	1
Story1	B938	1890	1	1	1	1	1.537192	1	1	1
Story1	B956	1906	1	1	1	1	1.896512	1	1	1
Story1	B957	1914	1	1	1	1	1.016075	1	1	1
Story1	B958	1915	1	1	1	1	1.547696	1	1	1
Story1	B959	1918	1	1	0.399047	0.26126	2.193852	1	1	1
Story1	B960	1919	1	1	1	0.758613	1.107429	1	1	1
Story1	B961	1920	1	1	1	0.213597	1.429367	1	1	1
Story1	B962	1931	1	1	1	1	2.173749	1	1	1
Story1	B1029	1932	1	1	1	1	1.5383	1	1	1
Story1	B1031	1997	1	1	1	1	1.682484	1	1	1
Story1	B1032	1998	1	1	1	1	2.244231	1	1	1
Story1	B1033	1999	1	1	1	1	2.123962	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	B1034	2013	1	1	1	1	1.52732	1	1	1
Story1	B1035	2014	1	1	1	1	1.472176	1	1	1
Story1	B1041	2030	1	1	1	1	1.920936	1	1	1
Story1	B1042	2038	1	1	1	1	1.016108	1	1	1
Story1	B1043	2039	1	1	1	1	1.572908	1	1	1
Story1	B1044	2042	1	1	0.398924	0.39201	2.188378	1	1	1
Story1	B1045	2043	1	1	1	0.638293	1.097147	1	1	1
Story1	B1046	2044	1	1	1	0.921774	1.385622	1	1	1
Story1	B1047	2055	1	1	1	1	2.169093	1	1	1
Story1	B1048	2056	1	1	1	1	1.525485	1	1	1
Story1	B1050	2098	1	1	1	1	1.671094	1	1	1
Story1	B1051	2099	1	1	1	1	2.224241	1	1	1
Story1	B1052	2100	1	1	1	1	2.126848	1	1	1
Story1	B1053	2101	1	1	1	1	1.522007	1	1	1
Story1	B1054	2102	1	1	1	1	1.388443	1	1	1
Story1	B1060	2114	1	1	1	1	1.887462	1	1	1
Story1	B1061	2115	1	1	1	1	1.016119	1	1	1
Story1	B1062	2116	1	1	1	1	1.572605	1	1	1
Story1	B1063	2119	1	1	0.400596	0.512374	2.192555	1	1	1
Story1	B1064	2120	1	1	1	0.367984	1.151547	1	1	1
Story1	B1065	2121	1	1	1	1	1.480831	1	1	1
Story1	B1066	2125	1	1	1	1	2.176368	1	1	1
Story1	B1067	2126	1	1	1	1	1.544805	1	1	1
Story1	B1069	2156	1	1	1	1	1.69252	1	1	1
Story1	B1070	2158	1	1	1	1	2.26704	1	1	1
Story1	B1071	2160	1	1	1	1	2.113203	1	1	1
Story1	B1072	2161	1	1	1	1	1.505365	1	1	1
Story1	B1073	2162	1	1	1	1	1.465389	1	1	1
Story1	B1079	2172	1	1	1	1	1.908075	1	1	1
Story1	B1080	2173	1	1	1	1	1.050218	1	1	1
Story1	B1087	2174	1	1	1	0.375721	1.508261	1	1	1
Story1	B1088	2177	1	1	0.400514	0.326314	2.192528	1	1	1
Story1	B1095	2178	1	1	1	0.951945	1.078608	1	1	1
Story1	B1096	2179	1	1	1	0.420672	1.392224	1	1	1
Story1	B1103	2184	1	1	1	1	2.170775	1	1	1
Story1	B1104	2186	1	1	1	1	1.505202	1	1	1
Story1	B1112	2216	1	1	1	1	1.655479	1	1	1
Story1	B1119	2217	1	1	1	1	1.851894	1	1	1
Story1	B1120	2218	1	1	1	1	1.79555	1	1	1
Story1	B1127	2219	1	1	1	1	1.180234	1	1	1
Story1	B1128	2220	1	1	1	1	1.449508	1	1	1
Story1	B1146	2230	1	1	1	1	1.841812	1	1	1
Story1	B1147	2232	1	1	1	1	1.159445	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	B1148	2234	1	1	1	1	1.397873	1	1	1
Story1	B1149	2237	1	1	1	0.565938	2.210734	1	1	1
Story1	B1150	2238	1	1	1	0.31313	1.170131	1	1	1
Story1	B1151	2239	1	1	1	1	1.54157	1	1	1
Story1	B1152	2243	1	1	1	1	2.193634	1	1	1
Story1	B1153	2244	1	1	1	1	1.51948	1	1	1
Story1	B39	11	1	1	1	1	3	1	1	1
Story1	B43	32	1	1	1	1	1.707062	1	1	1
Story1	B46	78	1	1	1	1	2.292648	1	1	1
Story1	B47	85	1	1	1	1	1.209529	1	1	1
Story1	B48	86	1	1	1	1	1.164509	1	1	1
Story1	B49	87	1	1	1	1	1.174838	1	1	1
Story1	B50	88	1	1	1	1	1.241248	1	1	1
Story1	B51	89	1	1	1	1	2.240345	1	1	1
Story1	B54	132	1	1	1	1	2.17777	1	1	1
Story1	B55	133	1	1	1	1	1.266844	1	1	1
Story1	B56	134	1	1	1	1	1.185896	1	1	1
Story1	B57	135	1	1	1	1	1.155296	1	1	1
Story1	B58	136	1	1	1	1	1.188075	1	1	1
Story1	B59	137	1	1	1	1	2.137191	1	1	1
Story1	B64	175	1	1	1	1	1.964321	1	1	1
Story1	B65	176	1	1	1	1	1.152828	1	1	1
Story1	B66	177	1	1	1	1	1.107244	1	1	1
Story1	B67	178	1	1	1	1	1.499515	1	1	1
Story1	B68	179	1	1	1	1	1.98723	1	1	1
Story1	B69	188	1	1	1	1	2.682424	1	1	1
Story1	B70	189	1	1	1	1	3.056529	1	1	1
Story1	B71	190	1	1	1	1	2.007803	1	1	1
Story1	B108	192	1	1	1	1	2.475142	1	1	1
Story1	B109	193	1	1	1	1	2.408534	1	1	1
Story1	B110	194	1	1	1	1	1.980673	1	1	1
Story1	B111	195	1	1	1	1	3.078546	1	1	1
Story1	B114	197	1	1	1	1	2.212584	1	1	1
Story1	B121	198	1	1	1	1	2.044993	1	1	1
Story1	B138	215	1	1	1	1	2.364282	1	1	1
Story1	B139	216	1	1	1	1	1.863422	1	1	1
Story1	B140	217	1	1	1	1	1.747071	1	1	1
Story1	B145	222	1	1	1	1	1.788111	1	1	1
Story1	B148	223	1	1	1	1	1.506865	1	1	1
Story1	B149	224	1	1	1	1	1.605135	1	1	1
Story1	B150	225	1	1	1	1	1.629638	1	1	1
Story1	B178	251	1	1	1	1	2.815697	1	1	1
Story1	B179	252	1	1	1	1	1.841236	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	B180	253	1	1	1	1	1.246114	1	1	1
Story1	B181	254	1	1	1	1	1.055874	1	1	1
Story1	B190	255	1	1	1	1	1.033825	1	1	1
Story1	B191	256	1	1	1	1	1.082176	1	1	1
Story1	B192	257	1	1	1	1	1.191231	1	1	1
Story1	B193	258	1	1	1	1	1.476791	1	1	1
Story1	B194	259	1	1	1	1	1.611032	1	1	1
Story1	B195	260	1	1	1	1	1.163661	1	1	1
Story1	B196	261	1	1	1	1	1.069097	1	1	1
Story1	B197	262	1	1	1	1	1.035559	1	1	1
Story1	B198	263	1	1	1	1	1.077658	1	1	1
Story1	B199	264	1	1	1	1	1.30393	1	1	1
Story1	B200	265	1	1	1	1	1.842491	1	1	1
Story1	B201	266	1	1	1	1	1.569743	1	1	1
Story1	B261	297	1	1	1	1	2.40567	1	1	1
Story1	B271	298	1	1	1	1	2.654785	1	1	1
Story1	B272	299	1	1	1	1	1.301361	1	1	1
Story1	B273	300	1	1	1	1	2.158774	1	1	1
Story1	B274	301	1	1	1	1	2.260138	1	1	1
Story1	B294	315	1	1	1	1	1.08116	1	1	1
Story1	B295	316	1	1	1	1	1.281123	1	1	1
Story1	B296	317	1	1	1	1	1.136275	1	1	1
Story1	B297	318	1	1	1	1	1.064733	1	1	1
Story1	B298	319	1	1	1	1	1.03483	1	1	1
Story1	B299	320	1	1	1	1	1.579247	1	1	1
Story1	B38	31	1	1	1	0.32356	1.55604	1	1	1
Story1	B40	52	1	1	1	1	2.275431	1	1	1
Story1	B41	53	1	1	1	1	1.962869	1	1	1
Story1	B42	54	1	1	1	1	1.430153	1	1	1
Story1	B45	55	1	1	1	1	1.986931	1	1	1
Story1	B52	131	1	1	0.558937	0.369945	1.796933	1	1	1
Story1	B53	138	1	1	1	1	1.3525	1	1	1
Story1	B60	140	1	1	1	1	2.255105	1	1	1
Story1	B62	142	1	1	1	1	1.645805	1	1	1
Story1	B63	144	1	1	1	1	1.130806	1	1	1
Story1	B112	173	1	1	0.573073	0.371735	1.751263	1	1	1
Story1	B113	174	1	1	1	1	2.004009	1	1	1
Story1	B122	181	1	1	1	1	2.234273	1	1	1
Story1	B123	183	1	1	1	1	1.486326	1	1	1
Story1	B124	185	1	1	1	1	1.354106	1	1	1
Story1	B125	207	1	1	0.564838	0.4557	1.775134	1	1	1
Story1	B126	208	1	1	1	1	1.842277	1	1	1
Story1	B127	209	1	1	1	1	2.297434	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	B128	210	1	1	1	1	1.467741	1	1	1
Story1	B129	211	1	1	1	1	1.310608	1	1	1
Story1	B130	338	1	1	0.571301	0.365741	1.756107	1	1	1
Story1	B131	339	1	1	1	1	1.80824	1	1	1
Story1	B132	340	1	1	1	1	2.285426	1	1	1
Story1	B133	341	1	1	1	1	1.547906	1	1	1
Story1	B134	342	1	1	1	1	1.154426	1	1	1
Story1	B202	353	1	1	0.568861	0.407209	1.764266	1	1	1
Story1	B203	354	1	1	1	1	2.115105	1	1	1
Story1	B315	355	1	1	1	1	2.222985	1	1	1
Story1	B316	356	1	1	1	1	1.469971	1	1	1
Story1	B323	357	1	1	1	1	1.301036	1	1	1
Story1	B324	368	1	1	0.5811	0.401012	1.733691	1	1	1
Story1	B325	369	1	1	1	1	2.145808	1	1	1
Story1	B326	370	1	1	1	1	2.348634	1	1	1
Story1	B327	371	1	1	1	1	1.576275	1	1	1
Story1	B328	372	1	1	1	1	1.194269	1	1	1
Story1	B335	413	1	1	1	1	2.355392	1	1	1
Story1	B336	414	1	1	1	1	2.315846	1	1	1
Story1	B337	415	1	1	1	1	1.832372	1	1	1
Story1	B338	416	1	1	1	0.313215	1.658929	1	1	1
Story1	B339	417	1	1	1	1	1.729375	1	1	1
Story1	B340	418	1	1	1	1	1.788365	1	1	1
Story1	B341	419	1	1	1	1	1.805576	1	1	1
Story1	B342	420	1	1	1	1	2.281098	1	1	1
Story1	B343	421	1	1	1	1	2.133531	1	1	1
Story1	B344	422	1	1	1	1	1.907402	1	1	1
Story1	B345	423	1	1	1	1	1.697371	1	1	1
Story1	B346	424	1	1	1	1	1.512237	1	1	1
Story1	B347	425	1	1	1	1	1.389904	1	1	1
Story1	B348	426	1	1	1	1	2.693909	1	1	1
Story1	B349	427	1	1	1	1	2.356667	1	1	1
Story1	B350	428	1	1	1	1	2.352549	1	1	1
Story1	B351	429	1	1	1	1	2.673449	1	1	1
Story1	B352	430	1	1	1	1	1.391236	1	1	1
Story1	B353	431	1	1	1	1	1.525841	1	1	1
Story1	B354	432	1	1	1	1	1.721809	1	1	1
Story1	B355	433	1	1	1	1	1.950363	1	1	1
Story1	B356	434	1	1	1	1	2.200924	1	1	1
Story1	B357	435	1	1	1	1	2.423407	1	1	1
Story1	B358	436	1	1	1	1	1.988475	1	1	1
Story1	B359	437	1	1	1	1	2.522705	1	1	1
Story1	B360	438	1	1	1	1	2.763101	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	B361	439	1	1	1	1	2.427599	1	1	1
Story1	B362	440	1	1	1	1	2.602542	1	1	1
Story1	B363	441	1	1	1	1	2.447634	1	1	1
Story1	B364	442	1	1	1	1	2.382967	1	1	1
Story1	B365	443	1	1	1	1	1.381644	1	1	1
Story1	B366	444	1	1	1	1	1.503391	1	1	1
Story1	B367	445	1	1	1	1	1.581086	1	1	1
Story1	B368	446	1	1	1	1	1.871915	1	1	1
Story1	B1	10	1	1	1	1	2.135966	1	1	1
Story1	B2	18	1	1	1	1	2.133069	1	1	1
Story1	B135	25	1	1	1	1	2.233062	1	1	1
Story1	B136	30	1	1	1	1	2.395124	1	1	1
Story1	B137	33	1	1	1	1	1.99926	1	1	1
Story1	B141	56	1	1	1	1	2.240681	1	1	1
NE+7.48	B1097	906	1	1	1	1	1.782026	1	1	1
NE+7.48	B1098	907	1	1	1	1	1.093042	1	1	1
NE+7.48	B1099	908	1	1	1	1	1.145275	1	1	1
NE+7.48	B1100	909	1	1	1	1	1.285213	1	1	1
NE+7.48	B1101	910	1	1	1	1	1.544	1	1	1
NE+7.48	B1102	911	1	1	1	1	2.293162	1	1	1
NE+7.48	B1105	914	1	1	1	1	2.376593	1	1	1
NE+7.48	B1106	915	1	1	1	1	1.704585	1	1	1
NE+7.48	B1107	916	1	1	1	1	1.189578	1	1	1
NE+7.48	B1108	917	1	1	1	1	1.128822	1	1	1
NE+7.48	B1109	918	1	1	1	1	1.110376	1	1	1
NE+7.48	B1110	919	1	1	1	1	2.43652	1	1	1
NE+7.48	B1113	972	1	1	1	1	2.487174	1	1	1
NE+7.48	B1114	973	1	1	1	1	1.782794	1	1	1
NE+7.48	B1115	974	1	1	1	1	1.304308	1	1	1
NE+7.48	B1116	975	1	1	1	1	1.204008	1	1	1
NE+7.48	B1117	976	1	1	1	1	1.127247	1	1	1
NE+7.48	B1118	977	1	1	1	1	1.599017	1	1	1
NE+7.48	B1121	980	1	1	1	1	2.321853	1	1	1
NE+7.48	B1122	981	1	1	1	1	1.642853	1	1	1
NE+7.48	B1123	982	1	1	1	1	1.279747	1	1	1
NE+7.48	B1124	983	1	1	1	1	1.132685	1	1	1
NE+7.48	B1125	984	1	1	1	1	1.104658	1	1	1
NE+7.48	B1126	985	1	1	1	1	2.2761	1	1	1
NE+7.48	B1447	1576	1	1	1	1	2.176871	1	1	1
NE+7.48	B1450	1582	1	1	1	1	2.237748	1	1	1
NE+7.48	B1451	1583	1	1	1	1	2.379674	1	1	1
NE+7.48	B1454	1602	1	1	1	1	2.588579	1	1	1
NE+7.48	B1455	1603	1	1	1	1	1.767468	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
NE+7.48	B1456	1604	1	1	1	1	1.562956	1	1	1
NE+7.48	B1459	1612	1	1	1	1	1.776966	1	1	1
NE+7.48	B1460	1613	1	1	1	1	1.172456	1	1	1
NE+7.48	B1461	1614	1	1	1	1	1.138286	1	1	1
NE+7.48	B1462	1615	1	1	1	1	1.699973	1	1	1
NE+7.48	B1499	1836	1	1	1	1	2.297051	1	1	1
NE+7.48	B1508	1848	1	1	1	1	2.760127	1	1	1
NE+7.48	B1509	1849	1	1	1	1	3.138492	1	1	1
NE+7.48	B1520	1864	1	1	1	1	2.624335	1	1	1
NE+7.48	B1521	1865	1	1	1	1	1.802099	1	1	1
NE+7.48	B1522	1866	1	1	1	1	1.453357	1	1	1
NE+7.48	B1535	1884	1	1	1	1	2.323081	1	1	1
NE+7.48	B1536	1885	1	1	1	1	1.745774	1	1	1
NE+7.48	B1537	1886	1	1	1	1	1.612756	1	1	1
NE+7.48	B1538	1887	1	1	1	1	2.000222	1	1	1
Story1	D224	1525	1	1	1	1	1.755211	1	1	1
Story1	D225	1529	1	1	1	1	1.57547	1	1	1
Story1	D228	1536	1	1	1	1	1.204522	1	1	1
Story1	D236	1627	1	1	1	1	1.281852	1	1	1
Story1	D237	1638	1	1	1	1	1.322327	1	1	1
Story1	D240	1651	1	1	1	1	1.2892	1	1	1
Story1	D248	1797	1	1	1	1	1.289178	1	1	1
Story1	D249	1840	1	1	1	1	1.36802	1	1	1
Story1	D252	1853	1	1	1	1	1.243053	1	1	1
Story1	D260	1944	1	1	1	1	1.247635	1	1	1
Story1	D261	1948	1	1	1	1	1.333551	1	1	1
Story1	D264	1961	1	1	1	1	1.304419	1	1	1
Story1	D272	2063	1	1	1	1	1.244803	1	1	1
Story1	D273	2067	1	1	1	1	1.428188	1	1	1
Story1	D276	2075	1	1	1	1	1.247183	1	1	1
Story1	D284	2132	1	1	1	1	1.251629	1	1	1
Story1	D285	2137	1	1	1	1	1.32916	1	1	1
Story1	D288	2143	1	1	1	1	1.241867	1	1	1
Story1	D296	2191	1	1	1	1	1.320039	1	1	1
Story1	D297	2195	1	1	1	1	1.541738	1	1	1
Story1	D300	2201	1	1	1	1	1.142625	1	1	1
Story1	D69	667	1	1	1	1	1.866259	1	1	1
Story1	D70	668	1	1	1	1	1.869011	1	1	1
Story1	D71	671	1	1	1	1	1.704665	1	1	1
Story1	D72	672	1	1	1	1	1.835014	1	1	1
Story1	D73	673	1	1	1	1	2.054774	1	1	1
Story1	D74	674	1	1	1	0.480287	1.471801	1	1	1
Story1	D75	675	1	1	1	1	1.276458	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	D76	680	1	1	1	1	1.296029	1	1	1
Story1	D77	692	1	1	1	1	1.369711	1	1	1
Story1	D78	693	1	1	1	1	1.55524	1	1	1
Story1	D79	694	1	1	1	1	2.448056	1	1	1
Story1	D80	695	1	1	1	1	1.589599	1	1	1
Story1	D81	717	1	1	1	1	2.486901	1	1	1
Story1	D82	718	1	1	1	1	1.966782	1	1	1
Story1	D83	719	1	1	1	1	1.599609	1	1	1
Story1	D84	728	1	1	1	1	1.466888	1	1	1
Story1	D85	729	1	1	1	0.838604	1.633335	1	1	1
Story1	D86	730	1	1	1	0.777395	1.729959	1	1	1
Story1	D87	731	1	1	1	0.478388	2.336332	1	1	1
Story1	D88	732	1	1	1	0.83969	2.512553	1	1	1
Story1	D89	733	1	1	1	1	2.319815	1	1	1
Story1	D90	734	1	1	1	1	2.399526	1	1	1
Story1	D91	735	1	1	1	1	2.225978	1	1	1
Story1	D92	743	1	1	1	1	1.850579	1	1	1
Story1	D93	744	1	1	1	1	1.278784	1	1	1
Story1	D94	745	1	1	1	1	1.231236	1	1	1
Story1	D95	746	1	1	1	1	1.166757	1	1	1
Story1	D96	747	1	1	1	0.507593	2.088368	1	1	1
Story1	D128	937	1	1	1	0.438534	2.042792	1	1	1
Story1	D129	959	1	1	1	1	1.56584	1	1	1
Story1	D139	1595	1	1	1	1	1.6916	1	1	1
Story1	D140	1694	1	1	1	1	1.997354	1	1	1
Story1	D141	1695	1	1	1	0.612209	2.529693	1	1	1
Story1	D142	1704	1	1	1	1	1.983744	1	1	1
Story1	D149	967	1	1	1	1	1.805402	1	1	1
Story1	D150	968	1	1	1	1	1.80777	1	1	1
Story1	D151	987	1	1	1	1	1.453933	1	1	1
Story1	D152	988	1	1	1	1	2.887608	1	1	1
Story1	D153	989	1	1	1	1	1.145122	1	1	1
Story1	D154	996	1	1	1	0.583029	2.693739	1	1	1
Story1	D155	997	1	1	1	0.338076	2.39147	1	1	1
Story1	D156	998	1	1	1	0.798812	1.730005	1	1	1
Story1	D157	999	1	1	1	0.88539	1.547475	1	1	1
Story1	D158	1000	1	1	1	1	1.655427	1	1	1
Story1	D159	1001	1	1	1	1	2.034951	1	1	1
Story1	D160	1002	1	1	1	1	2.690447	1	1	1
Story1	D161	1009	1	1	1	1	2.758901	1	1	1
Story1	D162	1010	1	1	1	1	1.97905	1	1	1
Story1	D163	1011	1	1	1	1	1.599172	1	1	1
Story1	D164	1012	1	1	1	1	1.47214	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	D165	1013	1	1	1	0.982378	1.630987	1	1	1
Story1	D166	1014	1	1	1	0.581021	1.752412	1	1	1
Story1	D167	1015	1	1	1	0.727302	1.868679	1	1	1
Story1	D168	1021	1	1	1	0.809775	2.424266	1	1	1
Story1	D169	1022	1	1	1	0.961961	2.626609	1	1	1
Story1	D170	1023	1	1	1	0.884652	1.662256	1	1	1
Story1	D171	1024	1	1	1	0.402296	2.093568	1	1	1
Story1	D172	1029	1	1	1	1	2.399489	1	1	1
Story1	D179	1030	1	1	1	1	1.359857	1	1	1
Story1	D180	1031	1	1	1	1	1.278766	1	1	1
Story1	D181	1032	1	1	1	1	1.329331	1	1	1
Story1	D182	1033	1	1	1	0.440113	1.295861	1	1	1
Story1	D394	1017	1	1	1	0.610998	2.187694	1	1	1
Story1	D395	1018	1	1	1	1	1.755725	1	1	1
Story1	D396	2073	1	1	1	1	1.445029	1	1	1
Story1	D397	2089	1	1	1	1	2.210155	1	1	1
Story1	D398	2091	1	1	1	0.30484	2.556739	1	1	1
Story1	D399	2109	1	1	1	1	1.979813	1	1	1
Story1	D202	1524	1	1	1	1	1.782711	1	1	1
Story1	D203	1530	1	1	1	1	1.528237	1	1	1
Story1	D204	1531	1	1	1	0.807021	1.285974	1	1	1
Story1	D205	1537	1	1	1	1	2.134472	1	1	1
Story1	D206	1538	1	1	1	1	1.861764	1	1	1
Story1	D211	1626	1	1	1	1	2.034099	1	1	1
Story1	D212	1639	1	1	1	1	1.525056	1	1	1
Story1	D213	1640	1	1	1	0.862882	1.1198	1	1	1
Story1	D214	1652	1	1	1	1	2.447935	1	1	1
Story1	D215	1653	1	1	1	1	2.174746	1	1	1
Story1	D220	1796	1	1	1	1	2.10004	1	1	1
Story1	D221	1844	1	1	1	1	1.738136	1	1	1
Story1	D405	1845	1	1	1	0.644911	1.086179	1	1	1
Story1	D406	1854	1	1	1	1	2.507344	1	1	1
Story1	D407	1859	1	1	1	1	2.212169	1	1	1
Story1	D412	1943	1	1	1	1	2.133212	1	1	1
Story1	D413	1956	1	1	1	1	1.793297	1	1	1
Story1	D414	1957	1	1	1	0.678621	1.055808	1	1	1
Story1	D415	1962	1	1	1	1	2.611849	1	1	1
Story1	D416	1979	1	1	1	1	2.193813	1	1	1
Story1	D421	2062	1	1	1	1	2.107233	1	1	1
Story1	D422	2068	1	1	1	1	1.685502	1	1	1
Story1	D423	2069	1	1	1	0.927429	1.231377	1	1	1
Story1	D424	2077	1	1	1	1	2.53804	1	1	1
Story1	D425	2079	1	1	1	1	2.253411	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	D430	2130	1	1	1	1	2.104122	1	1	1
Story1	D431	2138	1	1	1	1	1.782968	1	1	1
Story1	D432	2139	1	1	1	0.807801	1.071721	1	1	1
Story1	D433	2144	1	1	1	1	2.503184	1	1	1
Story1	D434	2145	1	1	1	1	2.185574	1	1	1
Story1	D439	2190	1	1	1	1	1.989157	1	1	1
Story1	D440	2196	1	1	1	1	1.615616	1	1	1
Story1	D441	2197	1	1	1	0.885143	1.322913	1	1	1
Story1	D442	2202	1	1	1	1	2.325823	1	1	1
Story1	D443	2203	1	1	1	1	2.096744	1	1	1
Story1	D14	20	1	1	1	1	1.940251	1	1	1
Story1	D15	21	1	1	1	1	2.291256	1	1	1
Story1	D16	42	1	1	1	1	1.73007	1	1	1
Story1	D17	43	1	1	1	0.81907	2.412988	1	1	1
Story1	D18	44	1	1	1	0.438888	2.186088	1	1	1
Story1	D19	109	1	1	1	0.691199	1.756061	1	1	1
Story1	D20	110	1	1	1	0.468548	1.651731	1	1	1
Story1	D21	111	1	1	1	0.750691	1.577302	1	1	1
Story1	D22	112	1	1	1	1	1.610332	1	1	1
Story1	D23	113	1	1	1	1	1.78119	1	1	1
Story1	D24	114	1	1	1	1	2.072988	1	1	1
Story1	D25	115	1	1	1	1	2.738426	1	1	1
Story1	D40	122	1	1	1	1	2.11136	1	1	1
Story1	D41	123	1	1	1	1	1.91617	1	1	1
Story1	D42	124	1	1	1	1	1.627517	1	1	1
Story1	D43	125	1	1	1	0.734596	1.60622	1	1	1
Story1	D44	126	1	1	1	0.874095	1.690279	1	1	1
Story1	D45	127	1	1	1	0.924467	1.844935	1	1	1
Story1	D46	128	1	1	1	0.644348	2.608145	1	1	1
Story1	D47	158	1	1	1	0.844914	2.173082	1	1	1
Story1	D48	159	1	1	1	0.816652	2.017957	1	1	1
Story1	D49	160	1	1	1	1	2.330768	1	1	1
Story1	D50	161	1	1	1	1	2.489056	1	1	1
Story1	D51	166	1	1	1	1	2.101914	1	1	1
Story1	D52	167	1	1	1	1	1.485646	1	1	1
Story1	D53	168	1	1	1	1	1.425928	1	1	1
Story1	D54	169	1	1	1	0.910776	1.538256	1	1	1
Story1	D55	170	1	1	1	0.492707	2.523629	1	1	1
Story1	D56	885	1	1	1	0.732226	2.520536	1	1	1
Story1	D57	893	1	1	1	1	2.654885	1	1	1
Story1	D58	1468	1	1	1	0.544279	2.182401	1	1	1
Story1	D59	1472	1	1	1	1	2.180929	1	1	1
Story1	D60	1474	1	1	1	0.510033	2.401599	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	D61	1483	1	1	1	1	1.646382	1	1	1
Story1	D1	76	1	1	1	1	1.189789	1	1	1
Story1	D2	77	1	1	1	1	2.444915	1	1	1
Story1	D3	96	1	1	1	1	2.418696	1	1	1
Story1	D4	116	1	1	1	1	2.183691	1	1	1
Story1	D5	117	1	1	1	1	1.641882	1	1	1
Story1	D6	146	1	1	1	1	1.25307	1	1	1
Story1	D7	148	1	1	1	1	2.48897	1	1	1
Story1	D8	150	1	1	1	1	2.344378	1	1	1
Story1	D9	152	1	1	1	1	2.176299	1	1	1
Story1	D10	154	1	1	1	1	2.061714	1	1	1
Story1	D11	187	1	1	1	1	1.309452	1	1	1
Story1	D12	196	1	1	1	1	2.544868	1	1	1
Story1	D13	199	1	1	1	1	2.395556	1	1	1
Story1	D26	200	1	1	1	1	2.212467	1	1	1
Story1	D27	201	1	1	1	1	2.041109	1	1	1
Story1	D28	324	1	1	1	1	1.269647	1	1	1
Story1	D29	329	1	1	1	1	2.500083	1	1	1
Story1	D30	330	1	1	1	1	2.371099	1	1	1
Story1	D31	331	1	1	1	1	2.203477	1	1	1
Story1	D32	332	1	1	1	1	1.977545	1	1	1
Story1	D33	343	1	1	1	1	1.253729	1	1	1
Story1	D34	344	1	1	1	1	2.487957	1	1	1
Story1	D35	345	1	1	1	1	2.340151	1	1	1
Story1	D36	346	1	1	1	1	2.17308	1	1	1
Story1	D37	347	1	1	1	1	2.014215	1	1	1
Story1	D38	358	1	1	1	1	1.185398	1	1	1
Story1	D39	359	1	1	1	1	2.391875	1	1	1
Story1	D62	360	1	1	1	1	2.267155	1	1	1
Story1	D63	361	1	1	1	1	2.098929	1	1	1
Story1	D64	362	1	1	1	1	1.990031	1	1	1
Story1	D65	1083	1	1	1	0.711067	2.430933	1	1	1
Story1	D66	1084	1	1	1	1	2.775306	1	1	1
Story1	D67	2074	1	1	1	1	1.651517	1	1	1
Story1	D68	2090	1	1	1	1	2.625639	1	1	1
Story1	D97	2093	1	1	1	0.601766	1.956043	1	1	1
Story1	D98	2111	1	1	1	1	1.293152	1	1	1
Story1	D99	589	1	1	1	0.939869	1.271122	1	1	1
Story1	D100	628	1	1	1	1	1.094655	1	1	1
Story1	D101	1539	1	1	1	1	1.15684	1	1	1
Story1	D102	1540	1	1	1	1	2.320664	1	1	1
Story1	D103	1541	1	1	1	1	2.073239	1	1	1
Story1	D104	1542	1	1	1	1	1.89569	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	D105	1543	1	1	1	0.595251	1.956419	1	1	1
Story1	D106	228	1	1	1	1	1.958051	1	1	1
Story1	D107	229	1	1	1	1	1.743996	1	1	1
Story1	D108	232	1	1	1	1	1.509194	1	1	1
Story1	D109	233	1	1	1	1	1.575135	1	1	1
Story1	D110	234	1	1	1	1	1.664464	1	1	1
Story1	D111	273	1	1	1	0.914869	1.160075	1	1	1
Story1	D112	274	1	1	1	0.886404	1.126513	1	1	1
Story1	D113	275	1	1	1	0.828949	1.114815	1	1	1
Story1	D114	276	1	1	1	1	1.115267	1	1	1
Story1	D115	277	1	1	1	1	1.127859	1	1	1
Story1	D116	278	1	1	1	1	2.8298	1	1	1
Story1	D117	285	1	1	1	1	1.135176	1	1	1
Story1	D118	286	1	1	1	1	1.121327	1	1	1
Story1	D119	287	1	1	1	0.928671	1.120484	1	1	1
Story1	D120	288	1	1	1	0.941074	1.13303	1	1	1
Story1	D121	289	1	1	1	0.949947	1.169995	1	1	1
Story1	D122	290	1	1	1	0.971293	1.343814	1	1	1
Story1	D123	291	1	1	1	0.623405	2.617336	1	1	1
Story1	D124	305	1	1	1	0.993823	2.739984	1	1	1
Story1	D125	306	1	1	1	0.96609	2.539434	1	1	1
Story1	D126	307	1	1	1	0.988691	1.676099	1	1	1
Story1	D127	308	1	1	1	0.294845	2.588615	1	1	1
Story1	D130	325	1	1	1	1	1.081859	1	1	1
Story1	D131	326	1	1	1	1	1.078864	1	1	1
Story1	D132	327	1	1	1	0.943841	1.080012	1	1	1
Story1	D133	328	1	1	1	0.680396	1.32171	1	1	1
Story1	D136	7	1	1	1	1	1.315789	1	1	1
Story1	D137	8	1	1	1	1	1.315789	1	1	1
Story1	D174	242	1	1	1	1	1.315789	1	1	1
Story1	D176	244	1	1	1	1	1.315789	1	1	1
Story1	D178	246	1	1	1	1	1.315789	1	1	1
Story1	D184	248	1	1	1	1	1.315789	1	1	1
Story1	D186	250	1	1	1	1	1.320034	1	1	1
Story1	D188	293	1	1	1	1	1.315789	1	1	1
Story1	D190	295	1	1	1	1	1.315789	1	1	1
Story1	D192	309	1	1	1	1	1.315789	1	1	1
Story1	D194	311	1	1	1	1	1.315789	1	1	1
Story1	D196	313	1	1	1	1	1.315789	1	1	1
Story1	D134	65	1	1	1	1	1.315789	1	1	1
Story1	D135	212	1	1	1	1	1.315789	1	1	1
Story1	D146	63	1	1	1	1	1.315789	1	1	1
Story1	D147	64	1	1	1	1	1.315789	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 4 of 6, continued)

Story	Label	Unique Name	Effective Length Factor Minor	Effective Length Factor (KLTB)	Moment Coefficient (Cm Major)	Moment Coefficient (Cm Minior)	Bending Coefficient (Cb)	Nonsway Moment Factor (B1 Major)	Nonsway Moment Factor (B1 Minor)	Sway Moment Factor (B2 Major)
Story1	D199	447	1	1	1	1	1.315789	1	1	1
Story1	D201	449	1	1	1	1	1.315789	1	1	1
Story1	D208	451	1	1	1	1	1.315789	1	1	1
Story1	D210	453	1	1	1	1	1.315789	1	1	1
Story1	D217	455	1	1	1	1	1.315789	1	1	1
Story1	D219	457	1	1	1	1	1.315789	1	1	1
Story1	D223	459	1	1	1	1	1.32982	1	1	1
Story1	D227	461	1	1	1	1	1.315789	1	1	1
Story1	D230	463	1	1	1	1	1.315789	1	1	1
Story1	D232	465	1	1	1	1	1.315789	1	1	1
Story1	D234	467	1	1	1	1	1.315789	1	1	1
Story1	D238	469	1	1	1	1	1.315789	1	1	1
Story1	D175	36	1	1	1	1	1.316423	1	1	1
Story1	D148	38	1	1	1	1	1.316407	1	1	1
Story1	D177	58	1	1	0.85	0.85	1	1	1	1
Story1	D183	59	1	1	0.85	0.85	1	1	1	1
Story1	D185	60	1	1	0.85	0.85	1	1	1	1
Story1	D187	66	1	1	0.85	0.85	1	1	1	1
Story1	D138	37	1	1	0.85	0.85	1	1	1	1
Story1	D143	39	1	1	0.85	0.85	1	1	1	1

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	C197	1521	No	ERW	350	0.0011	562.8904	586.9123	29.387
Story1	C200	1545	No	ERW	350	0.0011	562.8902	586.9123	29.387
Story1	C211	1623	No	ERW	350	0.0011	562.8904	586.9123	29.387
Story1	C214	1666	No	ERW	350	0.0011	562.8902	586.9123	29.387
Story1	C225	1793	No	ERW	350	0.0011	562.8904	586.9123	29.387
Story1	C228	1870	No	ERW	350	0.0011	562.8902	586.9123	29.387
Story1	C242	1985	No	ERW	350	0.0011	562.8902	586.9123	29.387
Story1	C256	2092	No	ERW	350	0.0011	562.8902	586.9123	29.387
Story1	C270	2151	No	ERW	350	0.0011	562.8902	586.9123	29.387
Story1	C284	2210	No	ERW	350	0.0011	562.8902	586.9123	29.387
Story1	C130	577	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C132	579	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C134	706	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C136	707	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C138	708	No	ERW	350	0.0011	228.3862	248.9611	7.2546

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	C140	709	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C142	710	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C144	591	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C146	711	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C148	712	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C150	713	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C152	714	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C154	715	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C156	716	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C158	670	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C160	669	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C162	609	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C164	666	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C166	613	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C168	615	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C170	736	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C172	737	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C174	738	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C176	623	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C178	739	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C180	740	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C182	741	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C184	742	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C3	581	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C7	583	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C11	990	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C15	1003	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C23	991	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C31	1004	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C41	992	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C45	1005	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C49	993	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C53	1006	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C57	994	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C61	1007	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C65	995	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C69	1008	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C73	970	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C77	969	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C81	617	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C85	966	No	ERW	350	0.0011	228.3862	248.9611	7.2546

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	C89	621	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C93	624	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C97	1016	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C101	1019	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C105	1020	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C109	748	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C113	1025	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C117	1026	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C121	1027	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C125	1028	No	ERW	350	0.0011	228.3862	248.9611	7.2546
Story1	C487	1591	No	ERW	350	0.0011	563.9488	586.9123	29.387
Story1	C489	1592	No	ERW	350	0.0011	145.9128	180.5208	5.8195
Story1	C491	1593	No	ERW	350	0.0011	146.4719	180.5208	5.8195
Story1	C493	1607	No	ERW	350	0.0011	146.4719	180.5208	5.8195
Story1	C495	1608	No	ERW	350	0.0011	145.9128	180.5208	5.8195
Story1	C501	1620	No	ERW	350	0.0011	146.5531	180.5208	5.8195
Story1	C510	1697	No	ERW	350	0.0011	563.9488	586.9123	29.387
Story1	C511	1698	No	ERW	350	0.0011	145.9128	180.5208	5.8195
Story1	C512	1699	No	ERW	350	0.0011	146.4719	180.5208	5.8195
Story1	C513	1703	No	ERW	350	0.0011	146.4719	180.5208	5.8195
Story1	C514	1705	No	ERW	350	0.0011	145.9128	180.5208	5.8195
Story1	C517	1711	No	ERW	350	0.0011	146.5531	180.5208	5.8195
Story1	C523	1903	No	ERW	350	0.0011	563.9488	586.9123	29.387
Story1	C524	1904	No	ERW	350	0.0011	145.9128	180.5208	5.8195
Story1	C525	1905	No	ERW	350	0.0011	146.4719	180.5208	5.8195
Story1	C526	1916	No	ERW	350	0.0011	146.4719	180.5208	5.8195
Story1	C527	1917	No	ERW	350	0.0011	145.9128	180.5208	5.8195
Story1	C530	1930	No	ERW	350	0.0011	146.5531	180.5208	5.8195
Story1	C531	1933	No	ERW	350	0.0011	562.8904	586.9123	29.387
Story1	C537	2027	No	ERW	350	0.0011	563.9488	586.9123	29.387
Story1	C538	2028	No	ERW	350	0.0011	145.9128	180.5208	5.8195
Story1	C539	2029	No	ERW	350	0.0011	146.4719	180.5208	5.8195
Story1	C540	2040	No	ERW	350	0.0011	146.4719	180.5208	5.8195
Story1	C541	2041	No	ERW	350	0.0011	145.9128	180.5208	5.8195
Story1	C544	2054	No	ERW	350	0.0011	146.5531	180.5208	5.8195
Story1	C545	2057	No	ERW	350	0.0011	562.8904	586.9123	29.387
Story1	C551	2110	No	ERW	350	0.0011	563.9488	586.9123	29.387
Story1	C552	2112	No	ERW	350	0.0011	145.9128	180.5208	5.8195
Story1	C553	2113	No	ERW	350	0.0011	146.4719	180.5208	5.8195
Story1	C554	2117	No	ERW	350	0.0011	146.4719	180.5208	5.8195
Story1	C555	2118	No	ERW	350	0.0011	145.9128	180.5208	5.8195

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	C558	2124	No	ERW	350	0.0011	146.5531	180.5208	5.8195
Story1	C559	2127	No	ERW	350	0.0011	562.8904	586.9123	29.387
Story1	C565	2169	No	ERW	350	0.0011	563.9488	586.9123	29.387
Story1	C566	2170	No	ERW	350	0.0011	145.9128	180.5208	5.8195
Story1	C567	2171	No	ERW	350	0.0011	146.4719	180.5208	5.8195
Story1	C568	2175	No	ERW	350	0.0011	146.4719	180.5208	5.8195
Story1	C569	2176	No	ERW	350	0.0011	145.9128	180.5208	5.8195
Story1	C572	2182	No	ERW	350	0.0011	146.5531	180.5208	5.8195
Story1	C573	2187	No	ERW	350	0.0011	562.8904	586.9123	29.387
Story1	C579	2227	No	ERW	350	0.0011	563.9488	586.9123	29.387
Story1	C580	2228	No	ERW	350	0.0011	145.9128	180.5208	5.8195
Story1	C581	2229	No	ERW	350	0.0011	146.4719	180.5208	5.8195
Story1	C582	2235	No	ERW	350	0.0011	146.4719	180.5208	5.8195
Story1	C583	2236	No	ERW	350	0.0011	145.9128	180.5208	5.8195
Story1	C586	2242	No	ERW	350	0.0011	146.5531	180.5208	5.8195
Story1	C5	9	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C13	19	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C16	22	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C19	34	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C20	41	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C22	45	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C26	97	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C28	98	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C32	99	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C35	100	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C37	101	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C39	108	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C71	129	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C74	139	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C76	141	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C79	143	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C82	145	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C84	147	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C87	149	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C90	151	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C92	155	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C94	156	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C95	157	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C102	171	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C104	180	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C107	182	No	ERW	350	0.0011	226.0821	248.9611	7.2546

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	C110	184	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C112	186	No	ERW	350	0.0011	226.0821	248.9611	7.2546
Story1	C163	1618	No	ERW	350	0.0011	561.5791	586.9123	29.387
Story1	C165	1709	No	ERW	350	0.0011	561.5791	586.9123	29.387
Story1	C167	1928	No	ERW	350	0.0011	561.5791	586.9123	29.387
Story1	C169	2052	No	ERW	350	0.0011	561.5791	586.9123	29.387
Story1	C171	2122	No	ERW	350	0.0011	561.5791	586.9123	29.387
Story1	C173	2180	No	ERW	350	0.0011	561.5791	586.9123	29.387
Story1	C175	2240	No	ERW	350	0.0011	561.5791	586.9123	29.387
Story1	C9	1546	No	ERW	350	0.0011	148.3039	180.5208	5.8195
Story1	C12	1547	No	ERW	350	0.0011	149.453	180.5208	5.8195
Story1	C17	1548	No	ERW	350	0.0011	150.4583	180.5208	5.8195
Story1	C21	1549	No	ERW	350	0.0011	151.3167	180.5208	5.8195
Story1	C24	118	No	ERW	350	0.0011	148.3039	180.5208	5.8195
Story1	C25	119	No	ERW	350	0.0011	149.453	180.5208	5.8195
Story1	C27	120	No	ERW	350	0.0011	150.4583	180.5208	5.8195
Story1	C29	121	No	ERW	350	0.0011	151.3167	180.5208	5.8195
Story1	C30	130	No	ERW	350	0.0011	570.2835	586.9123	29.387
Story1	C33	162	No	ERW	350	0.0011	148.3039	180.5208	5.8195
Story1	C34	163	No	ERW	350	0.0011	149.453	180.5208	5.8195
Story1	C36	164	No	ERW	350	0.0011	150.4583	180.5208	5.8195
Story1	C38	165	No	ERW	350	0.0011	151.3167	180.5208	5.8195
Story1	C40	172	No	ERW	350	0.0011	570.2835	586.9123	29.387
Story1	C42	202	No	ERW	350	0.0011	148.3039	180.5208	5.8195
Story1	C43	203	No	ERW	350	0.0011	149.453	180.5208	5.8195
Story1	C44	204	No	ERW	350	0.0011	150.4583	180.5208	5.8195
Story1	C46	205	No	ERW	350	0.0011	151.3167	180.5208	5.8195
Story1	C47	206	No	ERW	350	0.0011	570.2835	586.9123	29.387
Story1	C48	333	No	ERW	350	0.0011	148.3039	180.5208	5.8195
Story1	C50	334	No	ERW	350	0.0011	149.453	180.5208	5.8195
Story1	C51	335	No	ERW	350	0.0011	150.4583	180.5208	5.8195
Story1	C52	336	No	ERW	350	0.0011	151.3167	180.5208	5.8195
Story1	C54	337	No	ERW	350	0.0011	570.2835	586.9123	29.387
Story1	C55	348	No	ERW	350	0.0011	148.3039	180.5208	5.8195
Story1	C56	349	No	ERW	350	0.0011	149.453	180.5208	5.8195
Story1	C58	350	No	ERW	350	0.0011	150.4583	180.5208	5.8195
Story1	C59	351	No	ERW	350	0.0011	151.3167	180.5208	5.8195
Story1	C60	352	No	ERW	350	0.0011	570.2835	586.9123	29.387
Story1	C62	363	No	ERW	350	0.0011	148.3039	180.5208	5.8195
Story1	C63	364	No	ERW	350	0.0011	149.453	180.5208	5.8195
Story1	C64	365	No	ERW	350	0.0011	150.4583	180.5208	5.8195

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	C66	366	No	ERW	350	0.0011	151.3167	180.5208	5.8195
Story1	C67	367	No	ERW	350	0.0011	570.2835	586.9123	29.387
Story1	C68	1281	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C70	1283	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C72	1313	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C75	1319	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C78	1371	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C80	622	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C83	1590	No	ERW	350	0.0011	570.2835	586.9123	29.387
Story1	C86	226	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C88	227	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C91	230	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C96	231	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C98	267	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C99	268	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C100	269	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C103	270	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C106	271	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C108	272	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C111	279	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C114	280	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C177	281	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C179	282	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C181	283	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C183	284	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C185	302	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C186	303	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C187	304	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C188	321	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C189	322	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	C190	323	No	ERW	350	0.0011	242.0466	248.9611	7.2546
Story1	B27	1522	No	ERW	350	0.0011	492.0526	586.9123	29.387
Story1	B98	1523	No	ERW	350	0.0011	492.0526	586.9123	29.387
Story1	B115	1526	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B116	1527	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B117	1528	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B118	1532	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B119	1534	No	ERW	350	0.0011	456.7268	586.9123	29.387
Story1	B120	1535	No	ERW	350	0.0011	456.7268	586.9123	29.387
Story1	B146	1624	No	ERW	350	0.0011	492.0526	586.9123	29.387
Story1	B147	1625	No	ERW	350	0.0011	492.0526	586.9123	29.387

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	B154	1628	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B159	1629	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B164	1637	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B165	1641	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B174	1642	No	ERW	350	0.0011	456.7268	586.9123	29.387
Story1	B175	1643	No	ERW	350	0.0011	456.7268	586.9123	29.387
Story1	B182	1794	No	ERW	350	0.0011	492.0526	586.9123	29.387
Story1	B183	1795	No	ERW	350	0.0011	492.0526	586.9123	29.387
Story1	B184	1820	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B185	1838	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B186	1839	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B187	1846	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B188	1851	No	ERW	350	0.0011	456.7268	586.9123	29.387
Story1	B189	1852	No	ERW	350	0.0011	456.7268	586.9123	29.387
Story1	B212	1934	No	ERW	350	0.0011	492.0526	586.9123	29.387
Story1	B213	1942	No	ERW	350	0.0011	492.0526	586.9123	29.387
Story1	B214	1945	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B215	1946	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B216	1947	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B217	1958	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B218	1959	No	ERW	350	0.0011	456.7268	586.9123	29.387
Story1	B219	1960	No	ERW	350	0.0011	456.7268	586.9123	29.387
Story1	B226	2058	No	ERW	350	0.0011	492.0526	586.9123	29.387
Story1	B235	2061	No	ERW	350	0.0011	492.0526	586.9123	29.387
Story1	B236	2064	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B237	2065	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B238	2066	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B239	2070	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B240	2071	No	ERW	350	0.0011	456.7268	586.9123	29.387
Story1	B241	2072	No	ERW	350	0.0011	456.7268	586.9123	29.387
Story1	B248	2128	No	ERW	350	0.0011	492.0526	586.9123	29.387
Story1	B249	2129	No	ERW	350	0.0011	492.0526	586.9123	29.387
Story1	B250	2134	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B251	2135	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B252	2136	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B253	2140	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B254	2141	No	ERW	350	0.0011	456.7268	586.9123	29.387
Story1	B255	2142	No	ERW	350	0.0011	456.7268	586.9123	29.387
Story1	B262	2188	No	ERW	350	0.0011	492.0526	586.9123	29.387
Story1	B263	2189	No	ERW	350	0.0011	492.0526	586.9123	29.387
Story1	B264	2192	No	ERW	350	0.0011	230.8917	586.9123	29.387

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	B265	2193	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B266	2194	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B267	2198	No	ERW	350	0.0011	230.8917	586.9123	29.387
Story1	B268	2199	No	ERW	350	0.0011	456.7268	586.9123	29.387
Story1	B269	2200	No	ERW	350	0.0011	456.7268	586.9123	29.387
Story1	B404	905	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B405	912	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B406	913	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B407	920	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B408	971	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B409	978	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B410	979	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B411	986	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B446	1575	No	ERW	350	0.0011	31.1668	180.5208	5.8195
Story1	B447	1577	No	ERW	350	0.0011	31.1668	180.5208	5.8195
Story1	B448	1581	No	ERW	350	0.0011	16.9815	180.5208	5.8195
Story1	B449	1584	No	ERW	350	0.0011	16.9815	180.5208	5.8195
Story1	B450	1601	No	ERW	350	0.0011	11.9152	180.5208	5.8195
Story1	B451	1605	No	ERW	350	0.0011	11.9152	180.5208	5.8195
Story1	B452	1611	No	ERW	350	0.0011	8.8983	180.5208	5.8195
Story1	B453	1616	No	ERW	350	0.0011	8.8983	180.5208	5.8195
Story1	B464	1835	No	ERW	350	0.0011	31.1668	180.5208	5.8195
Story1	B465	1837	No	ERW	350	0.0011	31.1668	180.5208	5.8195
Story1	B469	1847	No	ERW	350	0.0011	16.9815	180.5208	5.8195
Story1	B470	1850	No	ERW	350	0.0011	16.9815	180.5208	5.8195
Story1	B497	1863	No	ERW	350	0.0011	11.9152	180.5208	5.8195
Story1	B498	1867	No	ERW	350	0.0011	11.9152	180.5208	5.8195
Story1	B503	1883	No	ERW	350	0.0011	8.8983	180.5208	5.8195
Story1	B504	1888	No	ERW	350	0.0011	8.8983	180.5208	5.8195
Story1	B3	377	No	ERW	350	0.0011	64.1567	180.5208	5.8195
Story1	B4	378	No	ERW	350	0.0011	64.1567	180.5208	5.8195
Story1	B5	379	No	ERW	350	0.0011	123.3209	180.5208	5.8195
Story1	B7	381	No	ERW	350	0.0011	123.0324	180.5208	5.8195
Story1	B8	382	No	ERW	350	0.0011	63.5584	180.5208	5.8195
Story1	B9	383	No	ERW	350	0.0011	63.5584	180.5208	5.8195
Story1	B10	384	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B11	385	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B12	386	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B13	387	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B14	388	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B15	389	No	ERW	350	0.0011	5.2412	180.5208	5.8195

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	B16	390	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B17	391	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B18	392	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B19	393	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B20	394	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B21	395	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B22	396	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B23	397	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B24	398	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B25	399	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B26	400	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B28	401	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B29	402	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B30	403	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B31	404	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B32	405	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B33	406	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B34	407	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B35	408	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B36	409	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B37	410	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B72	632	No	ERW	350	0.0011	64.1567	180.5208	5.8195
Story1	B73	633	No	ERW	350	0.0011	64.1567	180.5208	5.8195
Story1	B74	634	No	ERW	350	0.0011	123.3209	180.5208	5.8195
Story1	B75	635	No	ERW	350	0.0011	63.5584	180.5208	5.8195
Story1	B76	636	No	ERW	350	0.0011	63.5584	180.5208	5.8195
Story1	B77	637	No	ERW	350	0.0011	63.5584	180.5208	5.8195
Story1	B78	638	No	ERW	350	0.0011	63.5584	180.5208	5.8195
Story1	B79	639	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B80	640	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B81	641	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B82	642	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B83	643	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B84	644	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B85	645	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B86	646	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B87	647	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B88	648	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B89	649	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B90	650	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B91	651	No	ERW	350	0.0011	5.2412	180.5208	5.8195

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	B92	652	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B93	653	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B94	654	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B95	655	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B96	656	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B97	657	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B99	658	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B100	659	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B101	660	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B102	661	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B103	662	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B104	663	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B105	664	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B106	665	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B204	797	No	ERW	350	0.0011	64.1567	180.5208	5.8195
Story1	B205	798	No	ERW	350	0.0011	64.1567	180.5208	5.8195
Story1	B206	799	No	ERW	350	0.0011	123.3209	180.5208	5.8195
Story1	B208	800	No	ERW	350	0.0011	63.5584	180.5208	5.8195
Story1	B220	801	No	ERW	350	0.0011	63.5584	180.5208	5.8195
Story1	B227	802	No	ERW	350	0.0011	63.5584	180.5208	5.8195
Story1	B228	804	No	ERW	350	0.0011	63.5584	180.5208	5.8195
Story1	B229	805	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B230	806	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B231	807	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B232	808	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B233	809	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B234	810	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B242	811	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B256	812	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B270	814	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B284	815	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B285	816	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B286	817	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B287	818	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B288	819	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B289	820	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B290	821	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B291	822	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B292	823	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B306	938	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B313	939	No	ERW	350	0.0011	11.321	180.5208	5.8195

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	B314	940	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B317	941	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B318	942	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B319	943	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B320	944	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B321	945	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B322	946	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B781	1550	No	ERW	350	0.0011	835.4248	868.6876	42.9295
Story1	B782	1568	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B783	1578	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B804	1579	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B805	1580	No	ERW	350	0.0011	835.4248	868.6876	42.9295
Story1	B825	1594	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B826	1596	No	ERW	350	0.0011	821.9879	868.6876	42.9295
Story1	B827	1606	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B828	1609	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B829	1610	No	ERW	350	0.0011	821.9879	868.6876	42.9295
Story1	B840	1617	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B841	1621	No	ERW	350	0.0011	839.3188	868.6876	42.9295
Story1	B842	1622	No	ERW	350	0.0011	839.3188	868.6876	42.9295
Story1	B844	1677	No	ERW	350	0.0011	835.4248	868.6876	42.9295
Story1	B845	1678	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B858	1679	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B859	1680	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B860	1681	No	ERW	350	0.0011	835.4248	868.6876	42.9295
Story1	B887	1700	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B888	1701	No	ERW	350	0.0011	821.9879	868.6876	42.9295
Story1	B889	1702	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B890	1706	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B891	1707	No	ERW	350	0.0011	821.9879	868.6876	42.9295
Story1	B892	1708	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B917	1712	No	ERW	350	0.0011	839.3188	868.6876	42.9295
Story1	B918	1713	No	ERW	350	0.0011	839.3188	868.6876	42.9295
Story1	B920	1880	No	ERW	350	0.0011	835.4248	868.6876	42.9295
Story1	B921	1881	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B922	1882	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B923	1889	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B938	1890	No	ERW	350	0.0011	835.4248	868.6876	42.9295
Story1	B956	1906	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B957	1914	No	ERW	350	0.0011	821.9879	868.6876	42.9295
Story1	B958	1915	No	ERW	350	0.0011	824.0417	868.6876	42.9295

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	B959	1918	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B960	1919	No	ERW	350	0.0011	821.9879	868.6876	42.9295
Story1	B961	1920	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B962	1931	No	ERW	350	0.0011	839.3188	868.6876	42.9295
Story1	B1029	1932	No	ERW	350	0.0011	839.3188	868.6876	42.9295
Story1	B1031	1997	No	ERW	350	0.0011	835.4248	868.6876	42.9295
Story1	B1032	1998	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B1033	1999	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B1034	2013	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B1035	2014	No	ERW	350	0.0011	835.4248	868.6876	42.9295
Story1	B1041	2030	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B1042	2038	No	ERW	350	0.0011	821.9879	868.6876	42.9295
Story1	B1043	2039	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B1044	2042	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B1045	2043	No	ERW	350	0.0011	821.9879	868.6876	42.9295
Story1	B1046	2044	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B1047	2055	No	ERW	350	0.0011	839.3188	868.6876	42.9295
Story1	B1048	2056	No	ERW	350	0.0011	839.3188	868.6876	42.9295
Story1	B1050	2098	No	ERW	350	0.0011	835.4248	868.6876	42.9295
Story1	B1051	2099	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B1052	2100	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B1053	2101	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B1054	2102	No	ERW	350	0.0011	835.4248	868.6876	42.9295
Story1	B1060	2114	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B1061	2115	No	ERW	350	0.0011	821.9879	868.6876	42.9295
Story1	B1062	2116	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B1063	2119	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B1064	2120	No	ERW	350	0.0011	821.9879	868.6876	42.9295
Story1	B1065	2121	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B1066	2125	No	ERW	350	0.0011	839.3188	868.6876	42.9295
Story1	B1067	2126	No	ERW	350	0.0011	839.3188	868.6876	42.9295
Story1	B1069	2156	No	ERW	350	0.0011	835.4248	868.6876	42.9295
Story1	B1070	2158	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B1071	2160	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B1072	2161	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B1073	2162	No	ERW	350	0.0011	835.4248	868.6876	42.9295
Story1	B1079	2172	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B1080	2173	No	ERW	350	0.0011	821.9879	868.6876	42.9295
Story1	B1087	2174	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B1088	2177	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B1095	2178	No	ERW	350	0.0011	821.9879	868.6876	42.9295

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	B1096	2179	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B1103	2184	No	ERW	350	0.0011	839.3188	868.6876	42.9295
Story1	B1104	2186	No	ERW	350	0.0011	839.3188	868.6876	42.9295
Story1	B1112	2216	No	ERW	350	0.0011	835.4248	868.6876	42.9295
Story1	B1119	2217	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B1120	2218	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B1127	2219	No	ERW	350	0.0011	833.63	868.6876	42.9295
Story1	B1128	2220	No	ERW	350	0.0011	835.4248	868.6876	42.9295
Story1	B1146	2230	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B1147	2232	No	ERW	350	0.0011	821.9879	868.6876	42.9295
Story1	B1148	2234	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B1149	2237	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B1150	2238	No	ERW	350	0.0011	821.9879	868.6876	42.9295
Story1	B1151	2239	No	ERW	350	0.0011	824.0417	868.6876	42.9295
Story1	B1152	2243	No	ERW	350	0.0011	839.3188	868.6876	42.9295
Story1	B1153	2244	No	ERW	350	0.0011	839.3188	868.6876	42.9295
Story1	B39	11	No	ERW	350	0.0011	31.1668	180.5208	5.8195
Story1	B43	32	No	ERW	350	0.0011	31.1668	180.5208	5.8195
Story1	B46	78	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B47	85	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B48	86	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B49	87	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B50	88	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B51	89	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B54	132	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B55	133	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B56	134	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B57	135	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B58	136	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B59	137	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B64	175	No	ERW	350	0.0011	8.8983	180.5208	5.8195
Story1	B65	176	No	ERW	350	0.0011	8.8983	180.5208	5.8195
Story1	B66	177	No	ERW	350	0.0011	8.8983	180.5208	5.8195
Story1	B67	178	No	ERW	350	0.0011	8.8983	180.5208	5.8195
Story1	B68	179	No	ERW	350	0.0011	8.8983	180.5208	5.8195
Story1	B69	188	No	ERW	350	0.0011	11.9152	180.5208	5.8195
Story1	B70	189	No	ERW	350	0.0011	11.9152	180.5208	5.8195
Story1	B71	190	No	ERW	350	0.0011	11.9152	180.5208	5.8195
Story1	B108	192	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B109	193	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B110	194	No	ERW	350	0.0011	16.9815	180.5208	5.8195

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	B111	195	No	ERW	350	0.0011	16.9815	180.5208	5.8195
Story1	B114	197	No	ERW	350	0.0011	16.9815	180.5208	5.8195
Story1	B121	198	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B138	215	No	ERW	350	0.0011	31.1668	180.5208	5.8195
Story1	B139	216	No	ERW	350	0.0011	31.1668	180.5208	5.8195
Story1	B140	217	No	ERW	350	0.0011	31.1668	180.5208	5.8195
Story1	B145	222	No	ERW	350	0.0011	16.9815	180.5208	5.8195
Story1	B148	223	No	ERW	350	0.0011	16.9815	180.5208	5.8195
Story1	B149	224	No	ERW	350	0.0011	16.9815	180.5208	5.8195
Story1	B150	225	No	ERW	350	0.0011	16.9815	180.5208	5.8195
Story1	B178	251	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B179	252	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B180	253	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B181	254	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B190	255	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B191	256	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B192	257	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B193	258	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B194	259	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B195	260	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B196	261	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B197	262	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B198	263	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B199	264	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B200	265	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B201	266	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B261	297	No	ERW	350	0.0011	11.9152	180.5208	5.8195
Story1	B271	298	No	ERW	350	0.0011	11.9152	180.5208	5.8195
Story1	B272	299	No	ERW	350	0.0011	11.9152	180.5208	5.8195
Story1	B273	300	No	ERW	350	0.0011	11.9152	180.5208	5.8195
Story1	B274	301	No	ERW	350	0.0011	11.9152	180.5208	5.8195
Story1	B294	315	No	ERW	350	0.0011	8.8983	180.5208	5.8195
Story1	B295	316	No	ERW	350	0.0011	8.8983	180.5208	5.8195
Story1	B296	317	No	ERW	350	0.0011	8.8983	180.5208	5.8195
Story1	B297	318	No	ERW	350	0.0011	8.8983	180.5208	5.8195
Story1	B298	319	No	ERW	350	0.0011	8.8983	180.5208	5.8195
Story1	B299	320	No	ERW	350	0.0011	8.8983	180.5208	5.8195
Story1	B38	31	No	ERW	350	0.0011	549.0672	586.9123	29.387
Story1	B40	52	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B41	53	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B42	54	No	ERW	350	0.0011	287.0246	586.9123	29.387

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	B45	55	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B52	131	No	ERW	350	0.0011	549.0672	586.9123	29.387
Story1	B53	138	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B60	140	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B62	142	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B63	144	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B112	173	No	ERW	350	0.0011	549.0672	586.9123	29.387
Story1	B113	174	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B122	181	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B123	183	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B124	185	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B125	207	No	ERW	350	0.0011	549.0672	586.9123	29.387
Story1	B126	208	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B127	209	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B128	210	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B129	211	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B130	338	No	ERW	350	0.0011	549.0672	586.9123	29.387
Story1	B131	339	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B132	340	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B133	341	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B134	342	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B202	353	No	ERW	350	0.0011	549.0672	586.9123	29.387
Story1	B203	354	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B315	355	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B316	356	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B323	357	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B324	368	No	ERW	350	0.0011	549.0672	586.9123	29.387
Story1	B325	369	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B326	370	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B327	371	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B328	372	No	ERW	350	0.0011	287.0246	586.9123	29.387
Story1	B335	413	No	ERW	350	0.0011	28.7105	180.5208	5.8195
Story1	B336	414	No	ERW	350	0.0011	123.6085	180.5208	5.8195
Story1	B337	415	No	ERW	350	0.0011	28.7105	180.5208	5.8195
Story1	B338	416	No	ERW	350	0.0011	123.0324	180.5208	5.8195
Story1	B339	417	No	ERW	350	0.0011	28.4051	180.5208	5.8195
Story1	B340	418	No	ERW	350	0.0011	28.4051	180.5208	5.8195
Story1	B341	419	No	ERW	350	0.0011	28.4051	180.5208	5.8195
Story1	B342	420	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B343	421	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B344	422	No	ERW	350	0.0011	5.2412	180.5208	5.8195

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	B345	423	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B346	424	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B347	425	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B348	426	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B349	427	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B350	428	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B351	429	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B352	430	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B353	431	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B354	432	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B355	433	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B356	434	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B357	435	No	ERW	350	0.0011	5.2412	180.5208	5.8195
Story1	B358	436	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B359	437	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B360	438	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B361	439	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B362	440	No	ERW	350	0.0011	11.321	180.5208	5.8195
Story1	B363	441	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B364	442	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B365	443	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B366	444	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B367	445	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B368	446	No	ERW	350	0.0011	8.5129	180.5208	5.8195
Story1	B1	10	No	ERW	350	0.0011	31.1668	180.5208	5.8195
Story1	B2	18	No	ERW	350	0.0011	16.9815	180.5208	5.8195
Story1	B135	25	No	ERW	350	0.0011	11.9152	180.5208	5.8195
Story1	B136	30	No	ERW	350	0.0011	8.8983	180.5208	5.8195
Story1	B137	33	No	ERW	350	0.0011	5.4261	180.5208	5.8195
Story1	B141	56	No	ERW	350	0.0011	11.9152	180.5208	5.8195
NE+7.48	B1097	906	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1098	907	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1099	908	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1100	909	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1101	910	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1102	911	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1105	914	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1106	915	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1107	916	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1108	917	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1109	918	No	ERW	350	0.0011	5.4261	180.5208	5.8195

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
NE+7.48	B1110	919	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1113	972	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1114	973	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1115	974	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1116	975	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1117	976	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1118	977	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1121	980	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1122	981	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1123	982	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1124	983	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1125	984	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1126	985	No	ERW	350	0.0011	5.4261	180.5208	5.8195
NE+7.48	B1447	1576	No	ERW	350	0.0011	31.1668	180.5208	5.8195
NE+7.48	B1450	1582	No	ERW	350	0.0011	16.9815	180.5208	5.8195
NE+7.48	B1451	1583	No	ERW	350	0.0011	16.9815	180.5208	5.8195
NE+7.48	B1454	1602	No	ERW	350	0.0011	11.9152	180.5208	5.8195
NE+7.48	B1455	1603	No	ERW	350	0.0011	11.9152	180.5208	5.8195
NE+7.48	B1456	1604	No	ERW	350	0.0011	11.9152	180.5208	5.8195
NE+7.48	B1459	1612	No	ERW	350	0.0011	8.8983	180.5208	5.8195
NE+7.48	B1460	1613	No	ERW	350	0.0011	8.8983	180.5208	5.8195
NE+7.48	B1461	1614	No	ERW	350	0.0011	8.8983	180.5208	5.8195
NE+7.48	B1462	1615	No	ERW	350	0.0011	8.8983	180.5208	5.8195
NE+7.48	B1499	1836	No	ERW	350	0.0011	31.1668	180.5208	5.8195
NE+7.48	B1508	1848	No	ERW	350	0.0011	16.9815	180.5208	5.8195
NE+7.48	B1509	1849	No	ERW	350	0.0011	16.9815	180.5208	5.8195
NE+7.48	B1520	1864	No	ERW	350	0.0011	11.9152	180.5208	5.8195
NE+7.48	B1521	1865	No	ERW	350	0.0011	11.9152	180.5208	5.8195
NE+7.48	B1522	1866	No	ERW	350	0.0011	11.9152	180.5208	5.8195
NE+7.48	B1535	1884	No	ERW	350	0.0011	8.8983	180.5208	5.8195
NE+7.48	B1536	1885	No	ERW	350	0.0011	8.8983	180.5208	5.8195
NE+7.48	B1537	1886	No	ERW	350	0.0011	8.8983	180.5208	5.8195
NE+7.48	B1538	1887	No	ERW	350	0.0011	8.8983	180.5208	5.8195
Story1	D224	1525	No	ERW	350	0.0011	123.7904	180.5208	5.8195
Story1	D225	1529	No	ERW	350	0.0011	116.5407	180.5208	5.8195
Story1	D228	1536	No	ERW	350	0.0011	116.5407	180.5208	5.8195
Story1	D236	1627	No	ERW	350	0.0011	123.7904	180.5208	5.8195
Story1	D237	1638	No	ERW	350	0.0011	116.5407	180.5208	5.8195
Story1	D240	1651	No	ERW	350	0.0011	116.5407	180.5208	5.8195
Story1	D248	1797	No	ERW	350	0.0011	123.7904	180.5208	5.8195
Story1	D249	1840	No	ERW	350	0.0011	116.5407	180.5208	5.8195

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	D252	1853	No	ERW	350	0.0011	116.5407	180.5208	5.8195
Story1	D260	1944	No	ERW	350	0.0011	123.7904	180.5208	5.8195
Story1	D261	1948	No	ERW	350	0.0011	116.5407	180.5208	5.8195
Story1	D264	1961	No	ERW	350	0.0011	116.5407	180.5208	5.8195
Story1	D272	2063	No	ERW	350	0.0011	123.7904	180.5208	5.8195
Story1	D273	2067	No	ERW	350	0.0011	116.5407	180.5208	5.8195
Story1	D276	2075	No	ERW	350	0.0011	116.5407	180.5208	5.8195
Story1	D284	2132	No	ERW	350	0.0011	123.7904	180.5208	5.8195
Story1	D285	2137	No	ERW	350	0.0011	116.5407	180.5208	5.8195
Story1	D288	2143	No	ERW	350	0.0011	116.5407	180.5208	5.8195
Story1	D296	2191	No	ERW	350	0.0011	123.7904	180.5208	5.8195
Story1	D297	2195	No	ERW	350	0.0011	116.5407	180.5208	5.8195
Story1	D300	2201	No	ERW	350	0.0011	116.5407	180.5208	5.8195
Story1	D69	667	No	ERW	350	0.0011	169.4401	248.9611	7.2546
Story1	D70	668	No	ERW	350	0.0011	169.4401	248.9611	7.2546
Story1	D71	671	No	ERW	350	0.0011	168.945	248.9611	7.2546
Story1	D72	672	No	ERW	350	0.0011	168.945	248.9611	7.2546
Story1	D73	673	No	ERW	350	0.0011	168.945	248.9611	7.2546
Story1	D74	674	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D75	675	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D76	680	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D77	692	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D78	693	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D79	694	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D80	695	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D81	717	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D82	718	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D83	719	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D84	728	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D85	729	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D86	730	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D87	731	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D88	732	No	ERW	350	0.0011	173.5008	248.9611	7.2546
Story1	D89	733	No	ERW	350	0.0011	173.5008	248.9611	7.2546
Story1	D90	734	No	ERW	350	0.0011	173.5008	248.9611	7.2546
Story1	D91	735	No	ERW	350	0.0011	173.5008	248.9611	7.2546
Story1	D92	743	No	ERW	350	0.0011	176.8292	248.9611	7.2546
Story1	D93	744	No	ERW	350	0.0011	176.8292	248.9611	7.2546
Story1	D94	745	No	ERW	350	0.0011	176.8292	248.9611	7.2546
Story1	D95	746	No	ERW	350	0.0011	176.8292	248.9611	7.2546
Story1	D96	747	No	ERW	350	0.0011	176.8292	248.9611	7.2546

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	D128	937	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D129	959	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D139	1595	No	ERW	350	0.0011	168.945	248.9611	7.2546
Story1	D140	1694	No	ERW	350	0.0011	169.4401	248.9611	7.2546
Story1	D141	1695	No	ERW	350	0.0011	173.5008	248.9611	7.2546
Story1	D142	1704	No	ERW	350	0.0011	176.8292	248.9611	7.2546
Story1	D149	967	No	ERW	350	0.0011	169.4401	248.9611	7.2546
Story1	D150	968	No	ERW	350	0.0011	169.4401	248.9611	7.2546
Story1	D151	987	No	ERW	350	0.0011	168.945	248.9611	7.2546
Story1	D152	988	No	ERW	350	0.0011	168.945	248.9611	7.2546
Story1	D153	989	No	ERW	350	0.0011	168.945	248.9611	7.2546
Story1	D154	996	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D155	997	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D156	998	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D157	999	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D158	1000	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D159	1001	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D160	1002	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D161	1009	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D162	1010	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D163	1011	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D164	1012	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D165	1013	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D166	1014	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D167	1015	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D168	1021	No	ERW	350	0.0011	173.5008	248.9611	7.2546
Story1	D169	1022	No	ERW	350	0.0011	173.5008	248.9611	7.2546
Story1	D170	1023	No	ERW	350	0.0011	173.5008	248.9611	7.2546
Story1	D171	1024	No	ERW	350	0.0011	173.5008	248.9611	7.2546
Story1	D172	1029	No	ERW	350	0.0011	176.8292	248.9611	7.2546
Story1	D179	1030	No	ERW	350	0.0011	176.8292	248.9611	7.2546
Story1	D180	1031	No	ERW	350	0.0011	176.8292	248.9611	7.2546
Story1	D181	1032	No	ERW	350	0.0011	176.8292	248.9611	7.2546
Story1	D182	1033	No	ERW	350	0.0011	176.8292	248.9611	7.2546
Story1	D394	1017	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D395	1018	No	ERW	350	0.0011	180.3685	248.9611	7.2546
Story1	D396	2073	No	ERW	350	0.0011	168.945	248.9611	7.2546
Story1	D397	2089	No	ERW	350	0.0011	169.4401	248.9611	7.2546
Story1	D398	2091	No	ERW	350	0.0011	173.5008	248.9611	7.2546
Story1	D399	2109	No	ERW	350	0.0011	176.8292	248.9611	7.2546
Story1	D202	1524	No	ERW	350	0.0011	123.2266	180.5208	5.8195

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	D203	1530	No	ERW	350	0.0011	115.9203	180.5208	5.8195
Story1	D204	1531	No	ERW	350	0.0011	115.2856	180.5208	5.8195
Story1	D205	1537	No	ERW	350	0.0011	115.9203	180.5208	5.8195
Story1	D206	1538	No	ERW	350	0.0011	115.2856	180.5208	5.8195
Story1	D211	1626	No	ERW	350	0.0011	123.2266	180.5208	5.8195
Story1	D212	1639	No	ERW	350	0.0011	115.9203	180.5208	5.8195
Story1	D213	1640	No	ERW	350	0.0011	115.2856	180.5208	5.8195
Story1	D214	1652	No	ERW	350	0.0011	115.9203	180.5208	5.8195
Story1	D215	1653	No	ERW	350	0.0011	115.2856	180.5208	5.8195
Story1	D220	1796	No	ERW	350	0.0011	123.2266	180.5208	5.8195
Story1	D221	1844	No	ERW	350	0.0011	115.9203	180.5208	5.8195
Story1	D405	1845	No	ERW	350	0.0011	115.2856	180.5208	5.8195
Story1	D406	1854	No	ERW	350	0.0011	115.9203	180.5208	5.8195
Story1	D407	1859	No	ERW	350	0.0011	115.2856	180.5208	5.8195
Story1	D412	1943	No	ERW	350	0.0011	123.2266	180.5208	5.8195
Story1	D413	1956	No	ERW	350	0.0011	115.9203	180.5208	5.8195
Story1	D414	1957	No	ERW	350	0.0011	115.2856	180.5208	5.8195
Story1	D415	1962	No	ERW	350	0.0011	115.9203	180.5208	5.8195
Story1	D416	1979	No	ERW	350	0.0011	115.2856	180.5208	5.8195
Story1	D421	2062	No	ERW	350	0.0011	123.2266	180.5208	5.8195
Story1	D422	2068	No	ERW	350	0.0011	115.9203	180.5208	5.8195
Story1	D423	2069	No	ERW	350	0.0011	115.2856	180.5208	5.8195
Story1	D424	2077	No	ERW	350	0.0011	115.9203	180.5208	5.8195
Story1	D425	2079	No	ERW	350	0.0011	115.2856	180.5208	5.8195
Story1	D430	2130	No	ERW	350	0.0011	123.2266	180.5208	5.8195
Story1	D431	2138	No	ERW	350	0.0011	115.9203	180.5208	5.8195
Story1	D432	2139	No	ERW	350	0.0011	115.2856	180.5208	5.8195
Story1	D433	2144	No	ERW	350	0.0011	115.9203	180.5208	5.8195
Story1	D434	2145	No	ERW	350	0.0011	115.2856	180.5208	5.8195
Story1	D439	2190	No	ERW	350	0.0011	123.2266	180.5208	5.8195
Story1	D440	2196	No	ERW	350	0.0011	115.9203	180.5208	5.8195
Story1	D441	2197	No	ERW	350	0.0011	115.2856	180.5208	5.8195
Story1	D442	2202	No	ERW	350	0.0011	115.9203	180.5208	5.8195
Story1	D443	2203	No	ERW	350	0.0011	115.2856	180.5208	5.8195
Story1	D14	20	No	ERW	350	0.0011	167.4946	248.9611	7.2546
Story1	D15	21	No	ERW	350	0.0011	167.4946	248.9611	7.2546
Story1	D16	42	No	ERW	350	0.0011	167.0052	248.9611	7.2546
Story1	D17	43	No	ERW	350	0.0011	167.0052	248.9611	7.2546
Story1	D18	44	No	ERW	350	0.0011	167.0052	248.9611	7.2546
Story1	D19	109	No	ERW	350	0.0011	178.2975	248.9611	7.2546
Story1	D20	110	No	ERW	350	0.0011	178.2975	248.9611	7.2546

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	D21	111	No	ERW	350	0.0011	178.2975	248.9611	7.2546
Story1	D22	112	No	ERW	350	0.0011	178.2975	248.9611	7.2546
Story1	D23	113	No	ERW	350	0.0011	178.2975	248.9611	7.2546
Story1	D24	114	No	ERW	350	0.0011	178.2975	248.9611	7.2546
Story1	D25	115	No	ERW	350	0.0011	178.2975	248.9611	7.2546
Story1	D40	122	No	ERW	350	0.0011	178.2975	248.9611	7.2546
Story1	D41	123	No	ERW	350	0.0011	178.2975	248.9611	7.2546
Story1	D42	124	No	ERW	350	0.0011	178.2975	248.9611	7.2546
Story1	D43	125	No	ERW	350	0.0011	178.2975	248.9611	7.2546
Story1	D44	126	No	ERW	350	0.0011	178.2975	248.9611	7.2546
Story1	D45	127	No	ERW	350	0.0011	178.2975	248.9611	7.2546
Story1	D46	128	No	ERW	350	0.0011	178.2975	248.9611	7.2546
Story1	D47	158	No	ERW	350	0.0011	171.5088	248.9611	7.2546
Story1	D48	159	No	ERW	350	0.0011	171.5088	248.9611	7.2546
Story1	D49	160	No	ERW	350	0.0011	171.5088	248.9611	7.2546
Story1	D50	161	No	ERW	350	0.0011	171.5088	248.9611	7.2546
Story1	D51	166	No	ERW	350	0.0011	174.7989	248.9611	7.2546
Story1	D52	167	No	ERW	350	0.0011	174.7989	248.9611	7.2546
Story1	D53	168	No	ERW	350	0.0011	174.7989	248.9611	7.2546
Story1	D54	169	No	ERW	350	0.0011	174.7989	248.9611	7.2546
Story1	D55	170	No	ERW	350	0.0011	174.7989	248.9611	7.2546
Story1	D56	885	No	ERW	350	0.0011	178.2975	248.9611	7.2546
Story1	D57	893	No	ERW	350	0.0011	178.2975	248.9611	7.2546
Story1	D58	1468	No	ERW	350	0.0011	167.0052	248.9611	7.2546
Story1	D59	1472	No	ERW	350	0.0011	167.4946	248.9611	7.2546
Story1	D60	1474	No	ERW	350	0.0011	171.5088	248.9611	7.2546
Story1	D61	1483	No	ERW	350	0.0011	174.7989	248.9611	7.2546
Story1	D1	76	No	ERW	350	0.0011	124.0081	180.5208	5.8195
Story1	D2	77	No	ERW	350	0.0011	125.4634	180.5208	5.8195
Story1	D3	96	No	ERW	350	0.0011	126.807	180.5208	5.8195
Story1	D4	116	No	ERW	350	0.0011	128.0351	180.5208	5.8195
Story1	D5	117	No	ERW	350	0.0011	129.1439	180.5208	5.8195
Story1	D6	146	No	ERW	350	0.0011	124.0081	180.5208	5.8195
Story1	D7	148	No	ERW	350	0.0011	125.4634	180.5208	5.8195
Story1	D8	150	No	ERW	350	0.0011	126.807	180.5208	5.8195
Story1	D9	152	No	ERW	350	0.0011	128.0351	180.5208	5.8195
Story1	D10	154	No	ERW	350	0.0011	129.1439	180.5208	5.8195
Story1	D11	187	No	ERW	350	0.0011	124.0081	180.5208	5.8195
Story1	D12	196	No	ERW	350	0.0011	125.4634	180.5208	5.8195
Story1	D13	199	No	ERW	350	0.0011	126.807	180.5208	5.8195
Story1	D26	200	No	ERW	350	0.0011	128.0351	180.5208	5.8195

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	D27	201	No	ERW	350	0.0011	129.1439	180.5208	5.8195
Story1	D28	324	No	ERW	350	0.0011	124.0081	180.5208	5.8195
Story1	D29	329	No	ERW	350	0.0011	125.4634	180.5208	5.8195
Story1	D30	330	No	ERW	350	0.0011	126.807	180.5208	5.8195
Story1	D31	331	No	ERW	350	0.0011	128.0351	180.5208	5.8195
Story1	D32	332	No	ERW	350	0.0011	129.1439	180.5208	5.8195
Story1	D33	343	No	ERW	350	0.0011	124.0081	180.5208	5.8195
Story1	D34	344	No	ERW	350	0.0011	125.4634	180.5208	5.8195
Story1	D35	345	No	ERW	350	0.0011	126.807	180.5208	5.8195
Story1	D36	346	No	ERW	350	0.0011	128.0351	180.5208	5.8195
Story1	D37	347	No	ERW	350	0.0011	129.1439	180.5208	5.8195
Story1	D38	358	No	ERW	350	0.0011	124.0081	180.5208	5.8195
Story1	D39	359	No	ERW	350	0.0011	125.4634	180.5208	5.8195
Story1	D62	360	No	ERW	350	0.0011	126.807	180.5208	5.8195
Story1	D63	361	No	ERW	350	0.0011	128.0351	180.5208	5.8195
Story1	D64	362	No	ERW	350	0.0011	129.1439	180.5208	5.8195
Story1	D65	1083	No	ERW	350	0.0011	193.1866	248.9611	7.2546
Story1	D66	1084	No	ERW	350	0.0011	193.1866	248.9611	7.2546
Story1	D67	2074	No	ERW	350	0.0011	180.9513	248.9611	7.2546
Story1	D68	2090	No	ERW	350	0.0011	181.4816	248.9611	7.2546
Story1	D97	2093	No	ERW	350	0.0011	185.8309	248.9611	7.2546
Story1	D98	2111	No	ERW	350	0.0011	189.3958	248.9611	7.2546
Story1	D99	589	No	ERW	350	0.0011	193.1866	248.9611	7.2546
Story1	D100	628	No	ERW	350	0.0011	189.3958	248.9611	7.2546
Story1	D101	1539	No	ERW	350	0.0011	124.0081	180.5208	5.8195
Story1	D102	1540	No	ERW	350	0.0011	125.4634	180.5208	5.8195
Story1	D103	1541	No	ERW	350	0.0011	126.807	180.5208	5.8195
Story1	D104	1542	No	ERW	350	0.0011	128.0351	180.5208	5.8195
Story1	D105	1543	No	ERW	350	0.0011	129.1439	180.5208	5.8195
Story1	D106	228	No	ERW	350	0.0011	181.4816	248.9611	7.2546
Story1	D107	229	No	ERW	350	0.0011	181.4816	248.9611	7.2546
Story1	D108	232	No	ERW	350	0.0011	180.9513	248.9611	7.2546
Story1	D109	233	No	ERW	350	0.0011	180.9513	248.9611	7.2546
Story1	D110	234	No	ERW	350	0.0011	180.9513	248.9611	7.2546
Story1	D111	273	No	ERW	350	0.0011	193.1866	248.9611	7.2546
Story1	D112	274	No	ERW	350	0.0011	193.1866	248.9611	7.2546
Story1	D113	275	No	ERW	350	0.0011	193.1866	248.9611	7.2546
Story1	D114	276	No	ERW	350	0.0011	193.1866	248.9611	7.2546
Story1	D115	277	No	ERW	350	0.0011	193.1866	248.9611	7.2546
Story1	D116	278	No	ERW	350	0.0011	193.1866	248.9611	7.2546
Story1	D117	285	No	ERW	350	0.0011	193.1866	248.9611	7.2546

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	D118	286	No	ERW	350	0.0011	193.1866	248.9611	7.2546
Story1	D119	287	No	ERW	350	0.0011	193.1866	248.9611	7.2546
Story1	D120	288	No	ERW	350	0.0011	193.1866	248.9611	7.2546
Story1	D121	289	No	ERW	350	0.0011	193.1866	248.9611	7.2546
Story1	D122	290	No	ERW	350	0.0011	193.1866	248.9611	7.2546
Story1	D123	291	No	ERW	350	0.0011	193.1866	248.9611	7.2546
Story1	D124	305	No	ERW	350	0.0011	185.8309	248.9611	7.2546
Story1	D125	306	No	ERW	350	0.0011	185.8309	248.9611	7.2546
Story1	D126	307	No	ERW	350	0.0011	185.8309	248.9611	7.2546
Story1	D127	308	No	ERW	350	0.0011	185.8309	248.9611	7.2546
Story1	D130	325	No	ERW	350	0.0011	189.3958	248.9611	7.2546
Story1	D131	326	No	ERW	350	0.0011	189.3958	248.9611	7.2546
Story1	D132	327	No	ERW	350	0.0011	189.3958	248.9611	7.2546
Story1	D133	328	No	ERW	350	0.0011	189.3958	248.9611	7.2546
Story1	D136	7	No	ERW	350	0.0011	78.4069	117.5208	2.3477
Story1	D137	8	No	ERW	350	0.0011	78.4069	117.5208	2.3477
Story1	D174	242	No	ERW	350	0.0011	78.4069	117.5208	2.3477
Story1	D176	244	No	ERW	350	0.0011	78.4069	117.5208	2.3477
Story1	D178	246	No	ERW	350	0.0011	78.4069	117.5208	2.3477
Story1	D184	248	No	ERW	350	0.0011	78.4069	117.5208	2.3477
Story1	D186	250	No	ERW	350	0.0011	78.4069	117.5208	2.3477
Story1	D188	293	No	ERW	350	0.0011	78.4069	117.5208	2.3477
Story1	D190	295	No	ERW	350	0.0011	78.4069	117.5208	2.3477
Story1	D192	309	No	ERW	350	0.0011	78.4069	117.5208	2.3477
Story1	D194	311	No	ERW	350	0.0011	78.4069	117.5208	2.3477
Story1	D196	313	No	ERW	350	0.0011	78.4069	117.5208	2.3477
Story1	D134	65	No	ERW	350	0.0011	67.1052	117.5208	2.3477
Story1	D135	212	No	ERW	350	0.0011	73.5456	117.5208	2.3477
Story1	D146	63	No	ERW	350	0.0011	75.8464	117.5208	2.3477
Story1	D147	64	No	ERW	350	0.0011	67.1052	117.5208	2.3477
Story1	D199	447	No	ERW	350	0.0011	86.2682	117.5208	2.3477
Story1	D201	449	No	ERW	350	0.0011	86.2682	117.5208	2.3477
Story1	D208	451	No	ERW	350	0.0011	86.2682	117.5208	2.3477
Story1	D210	453	No	ERW	350	0.0011	86.2682	117.5208	2.3477
Story1	D217	455	No	ERW	350	0.0011	86.2682	117.5208	2.3477
Story1	D219	457	No	ERW	350	0.0011	86.2682	117.5208	2.3477
Story1	D223	459	No	ERW	350	0.0011	86.2682	117.5208	2.3477
Story1	D227	461	No	ERW	350	0.0011	86.2682	117.5208	2.3477
Story1	D230	463	No	ERW	350	0.0011	86.2682	117.5208	2.3477
Story1	D232	465	No	ERW	350	0.0011	86.2682	117.5208	2.3477
Story1	D234	467	No	ERW	350	0.0011	86.2682	117.5208	2.3477

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 5 of 6, continued)

Story	Label	Unique Name	Reduce Hss Thickness?	HSS Welding Type?	Yield stress, Fy MPa	Expected to specified Fy ratio, Ry MPa	Compressive Capacity, Pnc kN	Tensile Capacity, Pnt kN	Major Bending Capacity, Mn3 kN-m
Story1	D238	469	No	ERW	350	0.0011	86.2682	117.5208	2.3477
Story1	D175	36	No	ERW	350	0.0011	75.8464	117.5208	2.3477
Story1	D148	38	No	ERW	350	0.0011	83.3188	117.5208	2.3477
Story1	D177	58	No	ERW	0	0.001	0	0	0
Story1	D183	59	No	ERW	0	0.001	0	0	0
Story1	D185	60	No	ERW	0	0.001	0	0	0
Story1	D187	66	No	ERW	0	0.001	0	0	0
Story1	D138	37	No	ERW	0	0.001	0	0	0
Story1	D143	39	No	ERW	0	0.001	0	0	0

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 6 of 6)

Story	Label	Unique Name	Major Shear Capacity, Vn2 kN	Minor Shear Capacity, Vn3 kN	D/C Ratio Limit
Story1	C197	1521	208.656	133.056	0.99
Story1	C200	1545	208.656	133.056	0.99
Story1	C211	1623	208.656	133.056	0.99
Story1	C214	1666	208.656	133.056	0.99
Story1	C225	1793	208.656	133.056	0.99
Story1	C228	1870	208.656	133.056	0.99
Story1	C242	1985	208.656	133.056	0.99
Story1	C256	2092	208.656	133.056	0.99
Story1	C270	2151	208.656	133.056	0.99
Story1	C284	2210	208.656	133.056	0.99
Story1	C130	577	91.854	46.494	0.99
Story1	C132	579	91.854	46.494	0.99
Story1	C134	706	91.854	46.494	0.99
Story1	C136	707	91.854	46.494	0.99
Story1	C138	708	91.854	46.494	0.99
Story1	C140	709	91.854	46.494	0.99
Story1	C142	710	91.854	46.494	0.99
Story1	C144	591	91.854	46.494	0.99
Story1	C146	711	91.854	46.494	0.99
Story1	C148	712	91.854	46.494	0.99
Story1	C150	713	91.854	46.494	0.99
Story1	C152	714	91.854	46.494	0.99
Story1	C154	715	91.854	46.494	0.99
Story1	C156	716	91.854	46.494	0.99
Story1	C158	670	91.854	46.494	0.99
Story1	C160	669	91.854	46.494	0.99

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 6 of 6, continued)

Story	Label	Unique Name	Major Shear Capacity, Vn2 kN	Minor Shear Capacity, Vn3 kN	D/C Ratio Limit
Story1	C162	609	91.854	46.494	0.99
Story1	C164	666	91.854	46.494	0.99
Story1	C166	613	91.854	46.494	0.99
Story1	C168	615	91.854	46.494	0.99
Story1	C170	736	91.854	46.494	0.99
Story1	C172	737	91.854	46.494	0.99
Story1	C174	738	91.854	46.494	0.99
Story1	C176	623	91.854	46.494	0.99
Story1	C178	739	91.854	46.494	0.99
Story1	C180	740	91.854	46.494	0.99
Story1	C182	741	91.854	46.494	0.99
Story1	C184	742	91.854	46.494	0.99
Story1	C3	581	91.854	46.494	0.99
Story1	C7	583	91.854	46.494	0.99
Story1	C11	990	91.854	46.494	0.99
Story1	C15	1003	91.854	46.494	0.99
Story1	C23	991	91.854	46.494	0.99
Story1	C31	1004	91.854	46.494	0.99
Story1	C41	992	91.854	46.494	0.99
Story1	C45	1005	91.854	46.494	0.99
Story1	C49	993	91.854	46.494	0.99
Story1	C53	1006	91.854	46.494	0.99
Story1	C57	994	91.854	46.494	0.99
Story1	C61	1007	91.854	46.494	0.99
Story1	C65	995	91.854	46.494	0.99
Story1	C69	1008	91.854	46.494	0.99
Story1	C73	970	91.854	46.494	0.99
Story1	C77	969	91.854	46.494	0.99
Story1	C81	617	91.854	46.494	0.99
Story1	C85	966	91.854	46.494	0.99
Story1	C89	621	91.854	46.494	0.99
Story1	C93	624	91.854	46.494	0.99
Story1	C97	1016	91.854	46.494	0.99
Story1	C101	1019	91.854	46.494	0.99
Story1	C105	1020	91.854	46.494	0.99
Story1	C109	748	91.854	46.494	0.99
Story1	C113	1025	91.854	46.494	0.99
Story1	C117	1026	91.854	46.494	0.99
Story1	C121	1027	91.854	46.494	0.99
Story1	C125	1028	91.854	46.494	0.99
Story1	C487	1591	208.656	133.056	0.99
Story1	C489	1592	71.064	33.264	0.99
Story1	C491	1593	71.064	33.264	0.99

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 6 of 6, continued)

Story	Label	Unique Name	Major Shear Capacity, Vn2 kN	Minor Shear Capacity, Vn3 kN	D/C Ratio Limit
Story1	C493	1607	71.064	33.264	0.99
Story1	C495	1608	71.064	33.264	0.99
Story1	C501	1620	71.064	33.264	0.99
Story1	C510	1697	208.656	133.056	0.99
Story1	C511	1698	71.064	33.264	0.99
Story1	C512	1699	71.064	33.264	0.99
Story1	C513	1703	71.064	33.264	0.99
Story1	C514	1705	71.064	33.264	0.99
Story1	C517	1711	71.064	33.264	0.99
Story1	C523	1903	208.656	133.056	0.99
Story1	C524	1904	71.064	33.264	0.99
Story1	C525	1905	71.064	33.264	0.99
Story1	C526	1916	71.064	33.264	0.99
Story1	C527	1917	71.064	33.264	0.99
Story1	C530	1930	71.064	33.264	0.99
Story1	C531	1933	208.656	133.056	0.99
Story1	C537	2027	208.656	133.056	0.99
Story1	C538	2028	71.064	33.264	0.99
Story1	C539	2029	71.064	33.264	0.99
Story1	C540	2040	71.064	33.264	0.99
Story1	C541	2041	71.064	33.264	0.99
Story1	C544	2054	71.064	33.264	0.99
Story1	C545	2057	208.656	133.056	0.99
Story1	C551	2110	208.656	133.056	0.99
Story1	C552	2112	71.064	33.264	0.99
Story1	C553	2113	71.064	33.264	0.99
Story1	C554	2117	71.064	33.264	0.99
Story1	C555	2118	71.064	33.264	0.99
Story1	C558	2124	71.064	33.264	0.99
Story1	C559	2127	208.656	133.056	0.99
Story1	C565	2169	208.656	133.056	0.99
Story1	C566	2170	71.064	33.264	0.99
Story1	C567	2171	71.064	33.264	0.99
Story1	C568	2175	71.064	33.264	0.99
Story1	C569	2176	71.064	33.264	0.99
Story1	C572	2182	71.064	33.264	0.99
Story1	C573	2187	208.656	133.056	0.99
Story1	C579	2227	208.656	133.056	0.99
Story1	C580	2228	71.064	33.264	0.99
Story1	C581	2229	71.064	33.264	0.99
Story1	C582	2235	71.064	33.264	0.99
Story1	C583	2236	71.064	33.264	0.99
Story1	C586	2242	71.064	33.264	0.99

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 6 of 6, continued)

Story	Label	Unique Name	Major Shear Capacity, Vn2 kN	Minor Shear Capacity, Vn3 kN	D/C Ratio Limit
Story1	C5	9	91.854	46.494	0.99
Story1	C13	19	91.854	46.494	0.99
Story1	C16	22	91.854	46.494	0.99
Story1	C19	34	91.854	46.494	0.99
Story1	C20	41	91.854	46.494	0.99
Story1	C22	45	91.854	46.494	0.99
Story1	C26	97	91.854	46.494	0.99
Story1	C28	98	91.854	46.494	0.99
Story1	C32	99	91.854	46.494	0.99
Story1	C35	100	91.854	46.494	0.99
Story1	C37	101	91.854	46.494	0.99
Story1	C39	108	91.854	46.494	0.99
Story1	C71	129	91.854	46.494	0.99
Story1	C74	139	91.854	46.494	0.99
Story1	C76	141	91.854	46.494	0.99
Story1	C79	143	91.854	46.494	0.99
Story1	C82	145	91.854	46.494	0.99
Story1	C84	147	91.854	46.494	0.99
Story1	C87	149	91.854	46.494	0.99
Story1	C90	151	91.854	46.494	0.99
Story1	C92	155	91.854	46.494	0.99
Story1	C94	156	91.854	46.494	0.99
Story1	C95	157	91.854	46.494	0.99
Story1	C102	171	91.854	46.494	0.99
Story1	C104	180	91.854	46.494	0.99
Story1	C107	182	91.854	46.494	0.99
Story1	C110	184	91.854	46.494	0.99
Story1	C112	186	91.854	46.494	0.99
Story1	C163	1618	208.656	133.056	0.99
Story1	C165	1709	208.656	133.056	0.99
Story1	C167	1928	208.656	133.056	0.99
Story1	C169	2052	208.656	133.056	0.99
Story1	C171	2122	208.656	133.056	0.99
Story1	C173	2180	208.656	133.056	0.99
Story1	C175	2240	208.656	133.056	0.99
Story1	C9	1546	71.064	33.264	0.99
Story1	C12	1547	71.064	33.264	0.99
Story1	C17	1548	71.064	33.264	0.99
Story1	C21	1549	71.064	33.264	0.99
Story1	C24	118	71.064	33.264	0.99
Story1	C25	119	71.064	33.264	0.99
Story1	C27	120	71.064	33.264	0.99
Story1	C29	121	71.064	33.264	0.99

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 6 of 6, continued)

Story	Label	Unique Name	Major Shear Capacity, Vn2 kN	Minor Shear Capacity, Vn3 kN	D/C Ratio Limit
Story1	C30	130	208.656	133.056	0.99
Story1	C33	162	71.064	33.264	0.99
Story1	C34	163	71.064	33.264	0.99
Story1	C36	164	71.064	33.264	0.99
Story1	C38	165	71.064	33.264	0.99
Story1	C40	172	208.656	133.056	0.99
Story1	C42	202	71.064	33.264	0.99
Story1	C43	203	71.064	33.264	0.99
Story1	C44	204	71.064	33.264	0.99
Story1	C46	205	71.064	33.264	0.99
Story1	C47	206	208.656	133.056	0.99
Story1	C48	333	71.064	33.264	0.99
Story1	C50	334	71.064	33.264	0.99
Story1	C51	335	71.064	33.264	0.99
Story1	C52	336	71.064	33.264	0.99
Story1	C54	337	208.656	133.056	0.99
Story1	C55	348	71.064	33.264	0.99
Story1	C56	349	71.064	33.264	0.99
Story1	C58	350	71.064	33.264	0.99
Story1	C59	351	71.064	33.264	0.99
Story1	C60	352	208.656	133.056	0.99
Story1	C62	363	71.064	33.264	0.99
Story1	C63	364	71.064	33.264	0.99
Story1	C64	365	71.064	33.264	0.99
Story1	C66	366	71.064	33.264	0.99
Story1	C67	367	208.656	133.056	0.99
Story1	C68	1281	91.854	46.494	0.99
Story1	C70	1283	91.854	46.494	0.99
Story1	C72	1313	91.854	46.494	0.99
Story1	C75	1319	91.854	46.494	0.99
Story1	C78	1371	91.854	46.494	0.99
Story1	C80	622	91.854	46.494	0.99
Story1	C83	1590	208.656	133.056	0.99
Story1	C86	226	91.854	46.494	0.99
Story1	C88	227	91.854	46.494	0.99
Story1	C91	230	91.854	46.494	0.99
Story1	C96	231	91.854	46.494	0.99
Story1	C98	267	91.854	46.494	0.99
Story1	C99	268	91.854	46.494	0.99
Story1	C100	269	91.854	46.494	0.99
Story1	C103	270	91.854	46.494	0.99
Story1	C106	271	91.854	46.494	0.99
Story1	C108	272	91.854	46.494	0.99

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 6 of 6, continued)

Story	Label	Unique Name	Major Shear Capacity, Vn2 kN	Minor Shear Capacity, Vn3 kN	D/C Ratio Limit
Story1	C111	279	91.854	46.494	0.99
Story1	C114	280	91.854	46.494	0.99
Story1	C177	281	91.854	46.494	0.99
Story1	C179	282	91.854	46.494	0.99
Story1	C181	283	91.854	46.494	0.99
Story1	C183	284	91.854	46.494	0.99
Story1	C185	302	91.854	46.494	0.99
Story1	C186	303	91.854	46.494	0.99
Story1	C187	304	91.854	46.494	0.99
Story1	C188	321	91.854	46.494	0.99
Story1	C189	322	91.854	46.494	0.99
Story1	C190	323	91.854	46.494	0.99
Story1	B27	1522	208.656	133.056	0.99
Story1	B98	1523	208.656	133.056	0.99
Story1	B115	1526	208.656	133.056	0.99
Story1	B116	1527	208.656	133.056	0.99
Story1	B117	1528	208.656	133.056	0.99
Story1	B118	1532	208.656	133.056	0.99
Story1	B119	1534	208.656	133.056	0.99
Story1	B120	1535	208.656	133.056	0.99
Story1	B146	1624	208.656	133.056	0.99
Story1	B147	1625	208.656	133.056	0.99
Story1	B154	1628	208.656	133.056	0.99
Story1	B159	1629	208.656	133.056	0.99
Story1	B164	1637	208.656	133.056	0.99
Story1	B165	1641	208.656	133.056	0.99
Story1	B174	1642	208.656	133.056	0.99
Story1	B175	1643	208.656	133.056	0.99
Story1	B182	1794	208.656	133.056	0.99
Story1	B183	1795	208.656	133.056	0.99
Story1	B184	1820	208.656	133.056	0.99
Story1	B185	1838	208.656	133.056	0.99
Story1	B186	1839	208.656	133.056	0.99
Story1	B187	1846	208.656	133.056	0.99
Story1	B188	1851	208.656	133.056	0.99
Story1	B189	1852	208.656	133.056	0.99
Story1	B212	1934	208.656	133.056	0.99
Story1	B213	1942	208.656	133.056	0.99
Story1	B214	1945	208.656	133.056	0.99
Story1	B215	1946	208.656	133.056	0.99
Story1	B216	1947	208.656	133.056	0.99
Story1	B217	1958	208.656	133.056	0.99
Story1	B218	1959	208.656	133.056	0.99

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 6 of 6, continued)

Story	Label	Unique Name	Major Shear Capacity, Vn2 kN	Minor Shear Capacity, Vn3 kN	D/C Ratio Limit
Story1	B219	1960	208.656	133.056	0.99
Story1	B226	2058	208.656	133.056	0.99
Story1	B235	2061	208.656	133.056	0.99
Story1	B236	2064	208.656	133.056	0.99
Story1	B237	2065	208.656	133.056	0.99
Story1	B238	2066	208.656	133.056	0.99
Story1	B239	2070	208.656	133.056	0.99
Story1	B240	2071	208.656	133.056	0.99
Story1	B241	2072	208.656	133.056	0.99
Story1	B248	2128	208.656	133.056	0.99
Story1	B249	2129	208.656	133.056	0.99
Story1	B250	2134	208.656	133.056	0.99
Story1	B251	2135	208.656	133.056	0.99
Story1	B252	2136	208.656	133.056	0.99
Story1	B253	2140	208.656	133.056	0.99
Story1	B254	2141	208.656	133.056	0.99
Story1	B255	2142	208.656	133.056	0.99
Story1	B262	2188	208.656	133.056	0.99
Story1	B263	2189	208.656	133.056	0.99
Story1	B264	2192	208.656	133.056	0.99
Story1	B265	2193	208.656	133.056	0.99
Story1	B266	2194	208.656	133.056	0.99
Story1	B267	2198	208.656	133.056	0.99
Story1	B268	2199	208.656	133.056	0.99
Story1	B269	2200	208.656	133.056	0.99
Story1	B404	905	71.064	33.264	0.99
Story1	B405	912	71.064	33.264	0.99
Story1	B406	913	71.064	33.264	0.99
Story1	B407	920	71.064	33.264	0.99
Story1	B408	971	71.064	33.264	0.99
Story1	B409	978	71.064	33.264	0.99
Story1	B410	979	71.064	33.264	0.99
Story1	B411	986	71.064	33.264	0.99
Story1	B446	1575	71.064	33.264	0.99
Story1	B447	1577	71.064	33.264	0.99
Story1	B448	1581	71.064	33.264	0.99
Story1	B449	1584	71.064	33.264	0.99
Story1	B450	1601	71.064	33.264	0.99
Story1	B451	1605	71.064	33.264	0.99
Story1	B452	1611	71.064	33.264	0.99
Story1	B453	1616	71.064	33.264	0.99
Story1	B464	1835	71.064	33.264	0.99
Story1	B465	1837	71.064	33.264	0.99

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 6 of 6, continued)

Story	Label	Unique Name	Major Shear Capacity, Vn2 kN	Minor Shear Capacity, Vn3 kN	D/C Ratio Limit
Story1	B469	1847	71.064	33.264	0.99
Story1	B470	1850	71.064	33.264	0.99
Story1	B497	1863	71.064	33.264	0.99
Story1	B498	1867	71.064	33.264	0.99
Story1	B503	1883	71.064	33.264	0.99
Story1	B504	1888	71.064	33.264	0.99
Story1	B3	377	71.064	33.264	0.99
Story1	B4	378	71.064	33.264	0.99
Story1	B5	379	71.064	33.264	0.99
Story1	B7	381	71.064	33.264	0.99
Story1	B8	382	71.064	33.264	0.99
Story1	B9	383	71.064	33.264	0.99
Story1	B10	384	71.064	33.264	0.99
Story1	B11	385	71.064	33.264	0.99
Story1	B12	386	71.064	33.264	0.99
Story1	B13	387	71.064	33.264	0.99
Story1	B14	388	71.064	33.264	0.99
Story1	B15	389	71.064	33.264	0.99
Story1	B16	390	71.064	33.264	0.99
Story1	B17	391	71.064	33.264	0.99
Story1	B18	392	71.064	33.264	0.99
Story1	B19	393	71.064	33.264	0.99
Story1	B20	394	71.064	33.264	0.99
Story1	B21	395	71.064	33.264	0.99
Story1	B22	396	71.064	33.264	0.99
Story1	B23	397	71.064	33.264	0.99
Story1	B24	398	71.064	33.264	0.99
Story1	B25	399	71.064	33.264	0.99
Story1	B26	400	71.064	33.264	0.99
Story1	B28	401	71.064	33.264	0.99
Story1	B29	402	71.064	33.264	0.99
Story1	B30	403	71.064	33.264	0.99
Story1	B31	404	71.064	33.264	0.99
Story1	B32	405	71.064	33.264	0.99
Story1	B33	406	71.064	33.264	0.99
Story1	B34	407	71.064	33.264	0.99
Story1	B35	408	71.064	33.264	0.99
Story1	B36	409	71.064	33.264	0.99
Story1	B37	410	71.064	33.264	0.99
Story1	B72	632	71.064	33.264	0.99
Story1	B73	633	71.064	33.264	0.99
Story1	B74	634	71.064	33.264	0.99
Story1	B75	635	71.064	33.264	0.99

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 6 of 6, continued)

Story	Label	Unique Name	Major Shear Capacity, Vn2 kN	Minor Shear Capacity, Vn3 kN	D/C Ratio Limit
Story1	B76	636	71.064	33.264	0.99
Story1	B77	637	71.064	33.264	0.99
Story1	B78	638	71.064	33.264	0.99
Story1	B79	639	71.064	33.264	0.99
Story1	B80	640	71.064	33.264	0.99
Story1	B81	641	71.064	33.264	0.99
Story1	B82	642	71.064	33.264	0.99
Story1	B83	643	71.064	33.264	0.99
Story1	B84	644	71.064	33.264	0.99
Story1	B85	645	71.064	33.264	0.99
Story1	B86	646	71.064	33.264	0.99
Story1	B87	647	71.064	33.264	0.99
Story1	B88	648	71.064	33.264	0.99
Story1	B89	649	71.064	33.264	0.99
Story1	B90	650	71.064	33.264	0.99
Story1	B91	651	71.064	33.264	0.99
Story1	B92	652	71.064	33.264	0.99
Story1	B93	653	71.064	33.264	0.99
Story1	B94	654	71.064	33.264	0.99
Story1	B95	655	71.064	33.264	0.99
Story1	B96	656	71.064	33.264	0.99
Story1	B97	657	71.064	33.264	0.99
Story1	B99	658	71.064	33.264	0.99
Story1	B100	659	71.064	33.264	0.99
Story1	B101	660	71.064	33.264	0.99
Story1	B102	661	71.064	33.264	0.99
Story1	B103	662	71.064	33.264	0.99
Story1	B104	663	71.064	33.264	0.99
Story1	B105	664	71.064	33.264	0.99
Story1	B106	665	71.064	33.264	0.99
Story1	B204	797	71.064	33.264	0.99
Story1	B205	798	71.064	33.264	0.99
Story1	B206	799	71.064	33.264	0.99
Story1	B208	800	71.064	33.264	0.99
Story1	B220	801	71.064	33.264	0.99
Story1	B227	802	71.064	33.264	0.99
Story1	B228	804	71.064	33.264	0.99
Story1	B229	805	71.064	33.264	0.99
Story1	B230	806	71.064	33.264	0.99
Story1	B231	807	71.064	33.264	0.99
Story1	B232	808	71.064	33.264	0.99
Story1	B233	809	71.064	33.264	0.99
Story1	B234	810	71.064	33.264	0.99

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 6 of 6, continued)

Story	Label	Unique Name	Major Shear Capacity, Vn2 kN	Minor Shear Capacity, Vn3 kN	D/C Ratio Limit
Story1	B242	811	71.064	33.264	0.99
Story1	B256	812	71.064	33.264	0.99
Story1	B270	814	71.064	33.264	0.99
Story1	B284	815	71.064	33.264	0.99
Story1	B285	816	71.064	33.264	0.99
Story1	B286	817	71.064	33.264	0.99
Story1	B287	818	71.064	33.264	0.99
Story1	B288	819	71.064	33.264	0.99
Story1	B289	820	71.064	33.264	0.99
Story1	B290	821	71.064	33.264	0.99
Story1	B291	822	71.064	33.264	0.99
Story1	B292	823	71.064	33.264	0.99
Story1	B306	938	71.064	33.264	0.99
Story1	B313	939	71.064	33.264	0.99
Story1	B314	940	71.064	33.264	0.99
Story1	B317	941	71.064	33.264	0.99
Story1	B318	942	71.064	33.264	0.99
Story1	B319	943	71.064	33.264	0.99
Story1	B320	944	71.064	33.264	0.99
Story1	B321	945	71.064	33.264	0.99
Story1	B322	946	71.064	33.264	0.99
Story1	B781	1550	299.376	185.976	0.99
Story1	B782	1568	299.376	185.976	0.99
Story1	B783	1578	299.376	185.976	0.99
Story1	B804	1579	299.376	185.976	0.99
Story1	B805	1580	299.376	185.976	0.99
Story1	B825	1594	299.376	185.976	0.99
Story1	B826	1596	299.376	185.976	0.99
Story1	B827	1606	299.376	185.976	0.99
Story1	B828	1609	299.376	185.976	0.99
Story1	B829	1610	299.376	185.976	0.99
Story1	B840	1617	299.376	185.976	0.99
Story1	B841	1621	299.376	185.976	0.99
Story1	B842	1622	299.376	185.976	0.99
Story1	B844	1677	299.376	185.976	0.99
Story1	B845	1678	299.376	185.976	0.99
Story1	B858	1679	299.376	185.976	0.99
Story1	B859	1680	299.376	185.976	0.99
Story1	B860	1681	299.376	185.976	0.99
Story1	B887	1700	299.376	185.976	0.99
Story1	B888	1701	299.376	185.976	0.99
Story1	B889	1702	299.376	185.976	0.99
Story1	B890	1706	299.376	185.976	0.99

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 6 of 6, continued)

Story	Label	Unique Name	Major Shear Capacity, Vn2 kN	Minor Shear Capacity, Vn3 kN	D/C Ratio Limit
Story1	B891	1707	299.376	185.976	0.99
Story1	B892	1708	299.376	185.976	0.99
Story1	B917	1712	299.376	185.976	0.99
Story1	B918	1713	299.376	185.976	0.99
Story1	B920	1880	299.376	185.976	0.99
Story1	B921	1881	299.376	185.976	0.99
Story1	B922	1882	299.376	185.976	0.99
Story1	B923	1889	299.376	185.976	0.99
Story1	B938	1890	299.376	185.976	0.99
Story1	B956	1906	299.376	185.976	0.99
Story1	B957	1914	299.376	185.976	0.99
Story1	B958	1915	299.376	185.976	0.99
Story1	B959	1918	299.376	185.976	0.99
Story1	B960	1919	299.376	185.976	0.99
Story1	B961	1920	299.376	185.976	0.99
Story1	B962	1931	299.376	185.976	0.99
Story1	B1029	1932	299.376	185.976	0.99
Story1	B1031	1997	299.376	185.976	0.99
Story1	B1032	1998	299.376	185.976	0.99
Story1	B1033	1999	299.376	185.976	0.99
Story1	B1034	2013	299.376	185.976	0.99
Story1	B1035	2014	299.376	185.976	0.99
Story1	B1041	2030	299.376	185.976	0.99
Story1	B1042	2038	299.376	185.976	0.99
Story1	B1043	2039	299.376	185.976	0.99
Story1	B1044	2042	299.376	185.976	0.99
Story1	B1045	2043	299.376	185.976	0.99
Story1	B1046	2044	299.376	185.976	0.99
Story1	B1047	2055	299.376	185.976	0.99
Story1	B1048	2056	299.376	185.976	0.99
Story1	B1050	2098	299.376	185.976	0.99
Story1	B1051	2099	299.376	185.976	0.99
Story1	B1052	2100	299.376	185.976	0.99
Story1	B1053	2101	299.376	185.976	0.99
Story1	B1054	2102	299.376	185.976	0.99
Story1	B1060	2114	299.376	185.976	0.99
Story1	B1061	2115	299.376	185.976	0.99
Story1	B1062	2116	299.376	185.976	0.99
Story1	B1063	2119	299.376	185.976	0.99
Story1	B1064	2120	299.376	185.976	0.99
Story1	B1065	2121	299.376	185.976	0.99
Story1	B1066	2125	299.376	185.976	0.99
Story1	B1067	2126	299.376	185.976	0.99

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 6 of 6, continued)

Story	Label	Unique Name	Major Shear Capacity, Vn2 kN	Minor Shear Capacity, Vn3 kN	D/C Ratio Limit
Story1	B1069	2156	299.376	185.976	0.99
Story1	B1070	2158	299.376	185.976	0.99
Story1	B1071	2160	299.376	185.976	0.99
Story1	B1072	2161	299.376	185.976	0.99
Story1	B1073	2162	299.376	185.976	0.99
Story1	B1079	2172	299.376	185.976	0.99
Story1	B1080	2173	299.376	185.976	0.99
Story1	B1087	2174	299.376	185.976	0.99
Story1	B1088	2177	299.376	185.976	0.99
Story1	B1095	2178	299.376	185.976	0.99
Story1	B1096	2179	299.376	185.976	0.99
Story1	B1103	2184	299.376	185.976	0.99
Story1	B1104	2186	299.376	185.976	0.99
Story1	B1112	2216	299.376	185.976	0.99
Story1	B1119	2217	299.376	185.976	0.99
Story1	B1120	2218	299.376	185.976	0.99
Story1	B1127	2219	299.376	185.976	0.99
Story1	B1128	2220	299.376	185.976	0.99
Story1	B1146	2230	299.376	185.976	0.99
Story1	B1147	2232	299.376	185.976	0.99
Story1	B1148	2234	299.376	185.976	0.99
Story1	B1149	2237	299.376	185.976	0.99
Story1	B1150	2238	299.376	185.976	0.99
Story1	B1151	2239	299.376	185.976	0.99
Story1	B1152	2243	299.376	185.976	0.99
Story1	B1153	2244	299.376	185.976	0.99
Story1	B39	11	71.064	33.264	0.99
Story1	B43	32	71.064	33.264	0.99
Story1	B46	78	71.064	33.264	0.99
Story1	B47	85	71.064	33.264	0.99
Story1	B48	86	71.064	33.264	0.99
Story1	B49	87	71.064	33.264	0.99
Story1	B50	88	71.064	33.264	0.99
Story1	B51	89	71.064	33.264	0.99
Story1	B54	132	71.064	33.264	0.99
Story1	B55	133	71.064	33.264	0.99
Story1	B56	134	71.064	33.264	0.99
Story1	B57	135	71.064	33.264	0.99
Story1	B58	136	71.064	33.264	0.99
Story1	B59	137	71.064	33.264	0.99
Story1	B64	175	71.064	33.264	0.99
Story1	B65	176	71.064	33.264	0.99
Story1	B66	177	71.064	33.264	0.99

Table 6.2 - Steel Frame Overwrites - AISC 360-10 (Part 6 of 6, continued)

Story	Label	Unique Name	Major Shear Capacity, Vn2 kN	Minor Shear Capacity, Vn3 kN	D/C Ratio Limit
Story1	B67	178	71.064	33.264	0.99
Story1	B68	179	71.064	33.264	0.99
Story1	B69	188	71.064	33.264	0.99
Story1	B70	189	71.064	33.264	0.99
Story1	B71	190	71.064	33.264	0.99
Story1	B108	192	71.064	33.264	0.99
Story1	B109	193	71.064	33.264	0.99
Story1	B110	194	71.064	33.264	0.99
Story1	B111	195	71.064	33.264	0.99
Story1	B114	197	71.064	33.264	0.99
Story1	B121	198	71.064	33.264	0.99
Story1	B138	215	71.064	33.264	0.99
Story1	B139	216	71.064	33.264	0.99
Story1	B140	217	71.064	33.264	0.99
Story1	B145	222	71.064	33.264	0.99
Story1	B148	223	71.064	33.264	0.99
Story1	B149	224	71.064	33.264	0.99
Story1	B150	225	71.064	33.264	0.99
Story1	B178	251	71.064	33.264	0.99
Story1	B179	252	71.064	33.264	0.99
Story1	B180	253	71.064	33.264	0.99
Story1	B181	254	71.064	33.264	0.99
Story1	B190	255	71.064	33.264	0.99
Story1	B191	256	71.064	33.264	0.99
Story1	B192	257	71.064	33.264	0.99
Story1	B193	258	71.064	33.264	0.99
Story1	B194	259	71.064	33.264	0.99
Story1	B195	260	71.064	33.264	0.99
Story1	B196	261	71.064	33.264	0.99
Story1	B197	262	71.064	33.264	0.99
Story1	B198	263	71.064	33.264	0.99
Story1	B199	264	71.064	33.264	0.99
Story1	B200	265	71.064	33.264	0.99
Story1	B201	266	71.064	33.264	0.99
Story1	B261	297	71.064	33.264	0.99
Story1	B271	298	71.064	33.264	0.99
Story1	B272	299	71.064	33.264	0.99
Story1	B273	300	71.064	33.264	0.99
Story1	B274	301	71.064	33.264	0.99
Story1	B294	315	71.064	33.264	0.99
Story1	B295	316	71.064	33.264	0.99
Story1	B296	317	71.064	33.264	0.99
Story1	B297	318	71.064	33.264	0.99