MEMORIA DE ANÁLISIS Y DISEÑO ESTRUCTURAL

DATOS DEL PROYECTO	
OBJETO:	ESTUDIOS Y DISEÑOS ESTRUCTURALES DE LA EDIFICACIÓN UBICADA EN EL MUNICIPIO DE PLANETA RICA DEPARTAMENTO DE CÓRDOBA.
SOLICITANTE:	GOBERNACIÓN DE CÓRDOBA
DIRECCIÓN:	MUNICIPIO DE PLANETA RICA
MUNICIPIO:	PLANETA RICA
DEPARTAMENTO:	CÓRDOBA
FECHA:	OCTUBRE DE 2025

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1. LICEO PLANETA RICA – BLOQUE A

Estudios y diseños estructurales de la edificación ubicada en el municipio de Planeta Rica departamento de Córdoba.

1.1 DESCRIPCION DEL PROYECTO Y SISTEMA ESTRUCTURAL

No. Pisos	Área (m^2)	Tipo de Estructura	Descripción
2	1020.00	Pórticos en Concreto	La estructura tiene un pórtico tridimensional de concreto reforzado con elementos en los dos sentidos principales, con columnas de sección 0.45x0.45m, y vigas de secciones 0.30x0.35m a 0.35x0.45m. La placa del segundo piso es aligerada con viguetas de sección 0.12x0.35m. Un sector de la cubierta es losa maciza de espesor 0.10m, y el otro sector es cubierta liviana apoyada en perfiles metálicos tipo C.

1.2 CIMENTACION

La cimentación de la estructura son zapatas aisladas de secciones 1.30x1.30m a 1.70x1.70m, y altura de 0.40m, con vigas de amarre de sección de 0.30x0.40m que vinculan todas las columnas de la estructura. La cimentación se encuentra localizada a una profundidad de 1.00m. La capacidad portante para zapatas es 17.00Ton/m2.

1.3 MATERIALES

Concretos

Bloque	f´c Ton/m2	Ec Ton/m2
BLOQUE A	2100.00	2153811.00

El módulo de elasticidad del concreto Ec se ha calculado con las formulaciones de la norma:

$$Ec = 4700\sqrt{f'c}\,(MPa)$$

Acero de Refuerzo

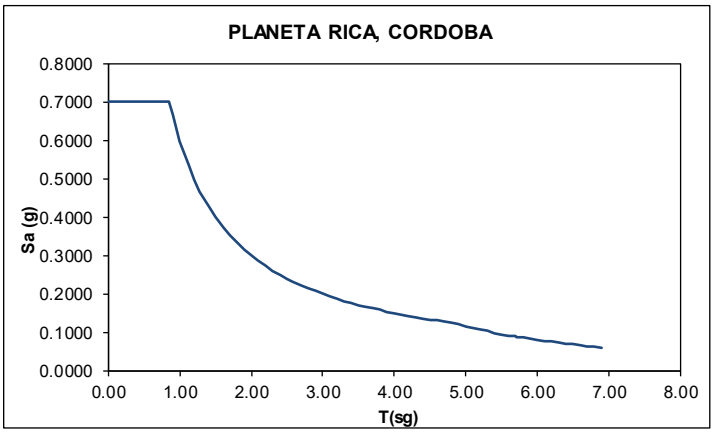
El refuerzo longitudinal y transversal, acero corrugado Grado 60 con punto de fluencia fy=42000Ton/m2. El módulo de elasticidad de este acero es Es= 20´390.000 Ton/m2.

1.4 ZONA DE MICROZONIFICACIÓN SISMICA

Esta parte incluye la evaluación del Espectro de Diseño Sísmico, acorde según NSR-10. Este espectro se afecta por el Coeficiente de Importancia (I).

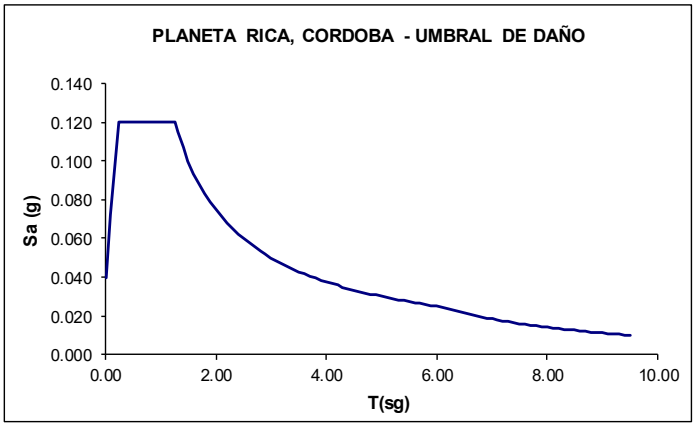
PARAMETROS SISMICOS
Region: PLANETA RICA, CORDOBA

	PLANETA RICA, CORDOBA
Tc	0.85
TL	4.80
Aa	0.15
Av	0.20
Fa	1.50
Fv	2.00
I	1.25
Samax =	0.7031



PARAMETROS SISMICOS
Region: PLANETA RICA, CORDOBA - UMBRAL DE DAÑO

	PLANETA RICA, CORDOBA
Ad	0.04
Ae	0.08
Fv	2.00
S	2.50
Tcd	1.25
TLd	6.00
I	1.25
Sadmax	0.12



1.5 EVALUACIÓN DE IRREGULARIDADES

Con el objeto de establecer el comportamiento de la edificación ante cargas sísmicas, se evalúan sus irregularidades en planta y en altura. En la siguiente tabla se determinan los grados de irregularidad según el Titulo A de la NSR-10 tablas A.3-6 y A.3-7.

ϕa: Irregularidad en altura ϕp: Irregularidad en planta

Bloque	ϕa	Descripción	ϕp	Descripción
BLOQUE A	1.0	Estructura de dos pisos no presenta irregularidad en altura.	1.0	Estructura con forma rectangular no presenta irregularidades en planta.

1.6 DETERMINACIÓN DE Sa y Ro.

CALCULO DEL CORTANTE SISMICO

Ct =	0.047
α =	0.900
Av =	0.200
Fv =	2.000

Para porticos resistentes a momentos de concreto

Cu = 1.27
Ta = Ct * Hn^(α)

Cu =	1.27
Hn=	**6.80 m**
Ta=	0.26 sg
Cu Ta =	0.34 sg
10%Cu Ta =	0.37 sg

Periodo Etabs

T =	**0.559 sg**
Sa =	**0.7031**

R =	Ro Φp Φa Φr	Φp=	**1.00**
Ro =	**5.00**	Φa=	**1.00**
		Φr=	**0.75**
R =	**3.75**		

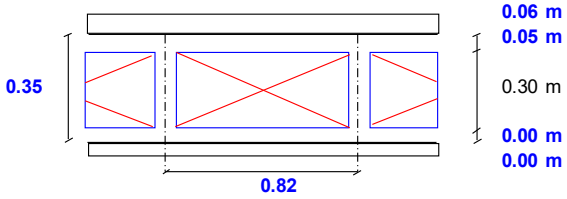
Peso total del edificio= **877.39T**

Cortante en la base= 616.91T

1.7 EVALUACIÓN DE CARGAS VERTICALES Y SISMICAS

1.7.1 CARGAS VERTICALES

CARGAS SOBRE LOSA ALIGERADA SEGUNDO PISO



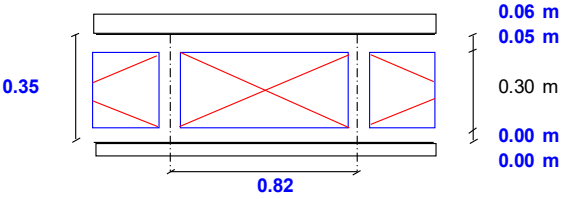
PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Espesor m	Densidad T/m³	Peso Ton/m²	NSR 10 CAP B-3
Viguetas	**0.12**	2.40	0.105	B.3.2
Losa superior	0.05	2.40	0.120	B.3.2
Alistado	0.06	2.10	0.126	B.3.2
Caseton			**0.022**	
Muros Mamposteria		1.80	**0.100**	B.3.4.2
Losa inferior	0.00	2.40	0.000	B.3.2
Cielorraso	0.00	2.10	**0.025**	B.3.2
Instalaciones			**0.010**	
Total			**0.51T/m²**	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
SALONES	**0.20T/m²**	

CARGAS SOBRE LOSA ALIGERADA SEGUNDO PISO



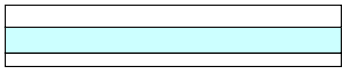
PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Espesor m	Densidad T/m³	Peso Ton/m²	NSR 10 CAP B-3
Viguetas	**0.12**	2.40	0.105	B.3.2
Losa superior	0.05	2.40	0.120	B.3.2
Alistado	0.06	2.10	0.126	B.3.2
Caseton			**0.022**	
Muros Mamposteria		1.80	**0.000**	B.3.4.2
Losa inferior	0.00	2.40	0.000	B.3.2
Cielorraso	0.00	2.10	**0.025**	B.3.2
Instalaciones			**0.010**	
Total			**0.41T/m²**	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
CORREDORES	**0.50T/m²**	

CARGAS SOBRE LOSA MACIZA NE+9.60



0.03 m
0.10 m
0.00 m

PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Espesor m	Densidad T/m³	Peso Ton/m²	NSR 10 CAP B-3
Losa Maciza	0.10	2.40	0.240	B.3.2
Alistado	0.03	2.10	0.063	B.3.2
Muros Mamposteria		1.80	0.000	B.3.4.2
Impermeabilizacion			0.015	B.3.3
Instalaciones			0.005	
Total			**0.32T/m²**	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
LIVIANA	**0.05T/m²**	

CARGAS SOBRE CUBIERTA



PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Peso Ton/m²	NSR 10 CAP B-4
Teja tipo sandwich	0.013	B.3.3
Correas	0.030	
Iluminacion	0.005	
Cielorraso	0.020	
Total	**0.07T/m²**	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
Cubierta, pendiente menor al 20%	0.05T/m²	

1.7.2 CARGAS HORIZONTALES (SÍSMICAS)

El efecto de la torsión accidental se considera en el programa ETABS cuando en las combinaciones de carga sísmicas (SISMOX, SISMOY) se afecta la dirección en análisis por 0.05. Ver Define Response Spectra en el archivo base.

1.8 DESCRIPCIÓN DE LA METODOLOGÍA DEL ANÁLISIS SISMICO

La modelación matemática se realizó en el programa ETABS. Los modelos reflejan la configuración tridimensional de la edificación. El método de análisis del sistema de resistencia sísmica es por el método de Fuerza Horizontal Equivalente. El alcance del modelo matemático abarca el análisis de vigas y columnas, en el rango elástico.

2 DATOS DE ENTRADA DE LOS MODELOS DE CÁLCULO Y DISEÑO

```
$ File D:\Users\Isabella\Desktop\PROYECTOS\2024\02-INGENIEROS\19-
LUCHO\INGENIERIA\MOD_BL A PLANETA RICA.$et saved 10/10/2024 05:53:00 p.
m.

$ PROGRAM INFORMATION
  PROGRAM  "ETABS"  VERSION "18.1.1"

$ CONTROLS
  UNITS  "TONF"  "M"  "C"
  TITLE2  "MOD_LA ESMERALDA AJUSTE"
  PREFERENCE  MERGETOL 0.001
  RLLF  METHOD "UBC97"  USEDEFAULTMIN "YES"

$ STORIES - IN SEQUENCE FROM TOP
  STORY "NE+6.80"  HEIGHT 3.35
  STORY "NE+3.45"  HEIGHT 3.45
  STORY "Base"  ELEV 0

$ GRIDS
  GRIDSYSTEM "G1"  TYPE "CARTESIAN"  BUBBLESIZE 1.25
  GENGRID "G1"  LABEL "A"  X1 0 Y1 -2.18 X2 0 Y2 10.64 VISIBLE "Yes"
BUBBLELOC "End"
  GENGRID "G1"  LABEL "B"  X1 4.52 Y1 -2.18 X2 4.52 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "C"  X1 8.87 Y1 -2.18 X2 8.87 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "D"  X1 13.39 Y1 -2.18 X2 13.39 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "E"  X1 17.74 Y1 -2.18 X2 17.74 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "F"  X1 22.26 Y1 -2.18 X2 22.26 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "G"  X1 26.61 Y1 -2.18 X2 26.61 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "H"  X1 31.13 Y1 -2.18 X2 31.13 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "I"  X1 35.48 Y1 -2.18 X2 35.48 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "3"  X1 -2.18 Y1 0 X2 45.63 Y2 0 VISIBLE "Yes"
BUBBLELOC "Start"
  GENGRID "G1"  LABEL "2"  X1 -2.18 Y1 4.15 X2 45.63 Y2 4.15 VISIBLE
"Yes"  BUBBLELOC "Start"
  GENGRID "G1"  LABEL "1"  X1 -2.18 Y1 8.46 X2 45.63 Y2 8.46 VISIBLE
"Yes"  BUBBLELOC "Start"
  GENGRID "G1"  LABEL "J"  X1 38.83 Y1 -2.18 X2 38.83 Y2 10.54 VISIBLE
"Yes"  BUBBLELOC "End"
```

```
  GENGRID "G1"  LABEL "K"  X1 42.23 Y1 -2.18 X2 42.23 Y2 10.54 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "L"  X1 45.63 Y1 -2.18 X2 45.63 Y2 10.54 VISIBLE
"Yes"  BUBBLELOC "End"

$ DIAPHRAGM NAMES
  DIAPHRAGM "D1"    TYPE RIGID

$ MATERIAL PROPERTIES
  MATERIAL  "STEEL"    TYPE "Steel"    WEIGHTPERVOLUME 7.833414
  MATERIAL  "STEEL"    SYMTYPE "Isotropic"  E 2.038902E+07  U 0.3  A
1.16999999590917E-05
  MATERIAL  "STEEL"  FY 35153.48  FU 45699.53 FYE 38668.83  FUE 50269.48
  MATERIAL  "STEEL"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17
FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "CONC"    TYPE "Concrete"    WEIGHTPERVOLUME 8.68E-05
  MATERIAL  "CONC"    SYMTYPE "Isotropic"  E 3600  U 0.2  A
5.50000004295725E-06
  MATERIAL  "CONC"    FC 4
  MATERIAL  "CONC"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC"  HYSTYPE "Takeda"  SSTYPE "Simple"  STRAINATFC
0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006
CPCOMPRESSION 0.015
  MATERIAL  "OTHER"    TYPE "Other"    WEIGHTPERVOLUME 7.833414
  MATERIAL  "OTHER"    SYMTYPE "Isotropic"  E 2.038902E+07  U 0.3  A
1.16999999590917E-05
  MATERIAL  "OTHER"  DESIGNTYPE "OTHER"
  MATERIAL  "OTHER"  HYSTYPE "Elastic"  IOTENSION 0.01 LSTENSION 0.02
CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
IGNORETENSIONACCEPTANCE "No"
  MATERIAL  "OTHER"  STRAIN -1 STRESS -1
  MATERIAL  "OTHER"  STRAIN 0 STRESS 0 POINTID "A"
  MATERIAL  "OTHER"  STRAIN 1 STRESS 1
  MATERIAL  "CONC21"    TYPE "Concrete"    WEIGHTPERVOLUME 2.4
  MATERIAL  "CONC21"    SYMTYPE "Isotropic"  E 2153811  U 0.2  A
9.89999989542412E-06
  MATERIAL  "CONC21"    FC 2100
  MATERIAL  "CONC21"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC21"  HYSTYPE "Takeda"  SSTYPE "Simple"  STRAINATFC
0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006
CPCOMPRESSION 0.015
  MATERIAL  "A615Gr60"    TYPE "Rebar"    WEIGHTPERVOLUME 7.849048
  MATERIAL  "A615Gr60"    SYMTYPE "Uniaxial"  E 2.038902E+07  A
1.16999999590917E-05
  MATERIAL  "A615Gr60"  FY 42184.18  FU 63276.27 FYE 42184.18  FUE
63276.27
  MATERIAL  "A615Gr60"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.01 STRAINATULTIMATE 0.09 FINALSLOPE -0.1 IOTENSION
0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01
CPCOMPRESSION 0.02
  MATERIAL  "A416Gr270"    TYPE "Tendon"    GRADE "Grade 270"
WEIGHTPERVOLUME 7.849048
  MATERIAL  "A416Gr270"    SYMTYPE "Uniaxial"  E 2.003748E+07  A
1.16999999590917E-05
  MATERIAL  "A416Gr270"  FY 172322.4  FU 189828.8
  MATERIAL  "A416Gr270"  HYSTYPE "Kinematic"  SSTYPE "270ksi"  FINALSLOPE
-0.1 IOTENSION 0.015 LSTENSION 0.023 CPTENSION 0.03 IOCOMPRESSION 0.015
LSCOMPRESSION 0.023 CPCOMPRESSION 0.03

$ REBAR DEFINITIONS
  REBARDEFINITION  "#2"  AREA  3.2258E-05 DIA  0.00635
  REBARDEFINITION  "#3"  AREA  7.09676E-05 DIA  0.009525
  REBARDEFINITION  "#4"  AREA  0.000129032 DIA  0.0127
  REBARDEFINITION  "#5"  AREA  0.0001999996 DIA  0.015875
  REBARDEFINITION  "#6"  AREA  0.0002838704 DIA  0.01905
  REBARDEFINITION  "#7"  AREA  0.000387096 DIA  0.022225
  REBARDEFINITION  "#8"  AREA  0.0005096764 DIA  0.0254
  REBARDEFINITION  "#9"  AREA  0.00064516 DIA  0.0286512
  REBARDEFINITION  "#10"  AREA  0.0008193532 DIA  0.032258
  REBARDEFINITION  "#11"  AREA  0.00100645 DIA  0.035814
  REBARDEFINITION  "#14"  AREA  0.00145161 DIA  0.0430022
  REBARDEFINITION  "#18"  AREA  0.00258064 DIA  0.0573278
  REBARDEFINITION  "10M"  AREA  0.0001 DIA  0.0113
  REBARDEFINITION  "15M"  AREA  0.0002 DIA  0.016
  REBARDEFINITION  "20M"  AREA  0.0003 DIA  0.0195
  REBARDEFINITION  "25M"  AREA  0.0005 DIA  0.0252
  REBARDEFINITION  "30M"  AREA  0.0007 DIA  0.0299
  REBARDEFINITION  "35M"  AREA  0.001 DIA  0.0357
  REBARDEFINITION  "45M"  AREA  0.0015 DIA  0.0437
  REBARDEFINITION  "55M"  AREA  0.0025 DIA  0.0564
  REBARDEFINITION  "6d"  AREA  2.83E-05 DIA  0.006
  REBARDEFINITION  "8d"  AREA  5.03E-05 DIA  0.008
  REBARDEFINITION  "10d"  AREA  7.85E-05 DIA  0.01
  REBARDEFINITION  "12d"  AREA  0.000113 DIA  0.012
  REBARDEFINITION  "14d"  AREA  0.000154 DIA  0.014
  REBARDEFINITION  "16d"  AREA  0.000201 DIA  0.016
  REBARDEFINITION  "20d"  AREA  0.000314 DIA  0.02
  REBARDEFINITION  "25d"  AREA  0.000491 DIA  0.025
  REBARDEFINITION  "26d"  AREA  0.000531 DIA  0.026
  REBARDEFINITION  "28d"  AREA  0.000616 DIA  0.028
  REBARDEFINITION  "N12"  AREA  0.000113 DIA  0.012
  REBARDEFINITION  "N16"  AREA  0.000201 DIA  0.016
  REBARDEFINITION  "N20"  AREA  0.000314 DIA  0.02
  REBARDEFINITION  "N24"  AREA  0.000452 DIA  0.024
  REBARDEFINITION  "N28"  AREA  0.000616 DIA  0.028
  REBARDEFINITION  "N32"  AREA  0.000804 DIA  0.032
  REBARDEFINITION  "N36"  AREA  0.00102 DIA  0.036

$ FRAME SECTIONS
  FRAMESECTION  "C45X45"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.45 B 0.45 NOTIONALUSERVALUE 1
  FRAMESECTION  "V30X35"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.35 B 0.3 NOTIONALUSERVALUE 1
  FRAMESECTION  "V12X35"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.35 B 0.12 NOTIONALUSERVALUE 1
  FRAMESECTION  "V35X45"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.45 B 0.35 NOTIONALUSERVALUE 1
  FRAMESECTION  "V15X35"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.35 B 0.15 NOTIONALUSERVALUE 1
  FRAMESECTION  "C45X45"  I2MOD 0.7 I3MOD 0.7
  FRAMESECTION  "V30X35"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "V12X35"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "V35X45"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "V15X35"  JMOD 0.1 I3MOD 0.35

$ CONCRETE SECTIONS
  CONCRETESECTION  "C45X45"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Column"  PATTERN "R-3-3"  TRANSREINF
"TIES"  DESIGNCHECK "DESIGN"  COVER 0.04 LONGBARAREA 0.00064516
CONFINEBARAREA 3.2258E-05 CONFINEBARSPACING 0.15 NUMCONFINEBARS3 3
NUMCONFINEBARS2 3
  CONCRETESECTION  "V30X35"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "V12X35"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "V35X45"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "V15X35"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0

$ TENDON SECTIONS
  TENDONSECTION  "Tendon1"  MATERIAL  "A416Gr270"  STRANDAREA  9.870948E-
05

$ SECTION DESIGNER SECTIONS

$ SLAB PROPERTIES
  SHELLPROP  "LOSA"  PROPTYPE  "Slab"  MATERIAL "CONC21"  MODELINGTYPE
"Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS 0.0001
NOTIONALUSERVALUE 1
  SHELLPROP  "PLANK1"  PROPTYPE  "Slab"  MATERIAL "CONC21"  MODELINGTYPE
"Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS 0.25
NOTIONALUSERVALUE 1
  SHELLPROP  "PLANK1"  F11MOD 0.01 F22MOD 0.01

$ DECK PROPERTIES
  SHELLPROP  "DECK1"  PROPTYPE  "Deck"  DECKTYPE "Filled"  CONCMATERIAL
"CONC21"  DECKMATERIAL "STEEL"  DECKSLABDEPTH 0.0889 DECKRIBDEPTH 0.0762
DECKRIBWIDTHTOP 0.1524 DECKRIBWIDTHBOTTOM 0.1524 DECKRIBSPACING 0.3048
DECKSHEARTHICKNESS 0.000889 DECKUNITWEIGHT 0.01122958 SHEARSTUDDIAM
0.01905 SHEARSTUDHEIGHT 0.1524 SHEARSTUDFU 42184.18

$ WALL PROPERTIES
  SHELLPROP  "WALL1"  PROPTYPE  "Wall"  MATERIAL "CONC21"  MODELINGTYPE
"ShellThin"  WALLTHICKNESS 0.25 NOTIONALUSERVALUE 1
  SHELLPROP  "E 20"  PROPTYPE  "Wall"  MATERIAL "CONC21"  MODELINGTYPE
"ShellThin"  WALLTHICKNESS 0.2 NOTIONALUSERVALUE 1

$ LINK PROPERTIES
  LINKPROP  "NLPR1"  TYPE "DAMPER - EXPONENTIAL"
  LINKPROP  "NLPR1"  DOF "U1"

$ PANEL ZONE PROPERTIES
  PANELZONE  "PZone1"  PZENDOFFSETSRIGID  "No"  PZACTIVEDIRECTIONS
"Both"  PZTYPE  "From Column"
  PANELZONE  "PZone1"  PZDOUBLER  0

$ PIER/SPANDREL NAMES
  PIERNAME  "P1"
  SPANDRELNAME  "S1"

$ POINT COORDINATES
  POINT "1"  -2.18 -2.18
  POINT "2"  0 -2.18
  POINT "3"  4.52 -2.18
  POINT "4"  8.87 -2.18
  POINT "5"  13.39 -2.18
  POINT "6"  17.74 -2.18
  POINT "7"  22.26 -2.18
  POINT "8"  26.61 -2.18
  POINT "9"  31.13 -2.18
  POINT "10"  35.48 -2.18
  POINT "11"  38.83 -2.18
  POINT "12"  42.23 -2.18
  POINT "13"  45.63 -2.18
  POINT "14"  -2.18 0
  POINT "15"  0 0
  POINT "16"  4.52 0
  POINT "17"  8.87 0
  POINT "18"  13.39 0
  POINT "19"  17.74 0
  POINT "20"  22.26 0
  POINT "21"  26.61 0
  POINT "22"  31.13 0
  POINT "23"  35.48 0
  POINT "24"  38.83 0
  POINT "25"  42.23 0
  POINT "26"  45.63 0
  POINT "27"  -2.18 4.15
  POINT "28"  0 4.15
  POINT "29"  4.52 4.15
  POINT "30"  8.87 4.15
  POINT "31"  13.39 4.15
  POINT "32"  17.74 4.15
```

```
  POINT "33"  22.26 4.15
  POINT "34"  26.61 4.15
  POINT "35"  31.13 4.15
  POINT "36"  35.48 4.15
  POINT "37"  38.83 4.15
  POINT "38"  42.23 4.15
  POINT "39"  45.63 4.15
  POINT "41"  -2.18 8.46
  POINT "42"  0 8.46
  POINT "43"  4.52 8.46
  POINT "44"  8.87 8.46
  POINT "45"  13.39 8.46
  POINT "46"  17.74 8.46
  POINT "47"  22.26 8.46
  POINT "48"  26.61 8.46
  POINT "49"  31.13 8.46
  POINT "50"  35.48 8.46
  POINT "51"  38.83 8.46
  POINT "52"  42.23 8.46
  POINT "53"  45.63 8.46
  POINT "54"  -2.18 10.64
  POINT "55"  0 10.64
  POINT "56"  4.52 10.64
  POINT "57"  8.87 10.64
  POINT "58"  13.39 10.64
  POINT "59"  17.74 10.64
  POINT "60"  22.26 10.64
  POINT "61"  26.61 10.64
  POINT "62"  31.13 10.64
  POINT "63"  35.48 10.64
  POINT "64"  38.83 10.64
  POINT "65"  42.23 10.64
  POINT "66"  45.63 10.64

$ LINE CONNECTIVITIES
  LINE  "C1"  COLUMN  "15"  "15"  1
  LINE  "C2"  COLUMN  "16"  "16"  1
  LINE  "C3"  COLUMN  "17"  "17"  1
  LINE  "C4"  COLUMN  "18"  "18"  1
  LINE  "C5"  COLUMN  "19"  "19"  1
  LINE  "C6"  COLUMN  "20"  "20"  1
  LINE  "C7"  COLUMN  "21"  "21"  1
  LINE  "C8"  COLUMN  "22"  "22"  1
  LINE  "C9"  COLUMN  "23"  "23"  1
  LINE  "C10"  COLUMN  "24"  "24"  1
  LINE  "C11"  COLUMN  "25"  "25"  1
  LINE  "C12"  COLUMN  "26"  "26"  1
  LINE  "C13"  COLUMN  "28"  "28"  1
  LINE  "C14"  COLUMN  "30"  "30"  1
  LINE  "C15"  COLUMN  "32"  "32"  1
  LINE  "C16"  COLUMN  "34"  "34"  1
  LINE  "C17"  COLUMN  "36"  "36"  1
  LINE  "C18"  COLUMN  "37"  "37"  1
  LINE  "C19"  COLUMN  "38"  "38"  1
  LINE  "C20"  COLUMN  "39"  "39"  1
  LINE  "C21"  COLUMN  "42"  "42"  1
  LINE  "C22"  COLUMN  "43"  "43"  1
  LINE  "C23"  COLUMN  "44"  "44"  1
  LINE  "C24"  COLUMN  "45"  "45"  1
  LINE  "C25"  COLUMN  "46"  "46"  1
  LINE  "C26"  COLUMN  "47"  "47"  1
  LINE  "C27"  COLUMN  "48"  "48"  1
  LINE  "C28"  COLUMN  "49"  "49"  1
  LINE  "C29"  COLUMN  "50"  "50"  1
  LINE  "C30"  COLUMN  "51"  "51"  1
  LINE  "C31"  COLUMN  "52"  "52"  1
  LINE  "C32"  COLUMN  "53"  "53"  1
  LINE  "B1"  BEAM  "1"  "2"  0
  LINE  "B2"  BEAM  "2"  "3"  0
  LINE  "B3"  BEAM  "3"  "4"  0
  LINE  "B4"  BEAM  "4"  "5"  0
  LINE  "B5"  BEAM  "5"  "6"  0
  LINE  "B6"  BEAM  "6"  "7"  0
  LINE  "B7"  BEAM  "7"  "8"  0
  LINE  "B8"  BEAM  "8"  "9"  0
  LINE  "B9"  BEAM  "9"  "10"  0
  LINE  "B10"  BEAM  "10"  "11"  0
  LINE  "B11"  BEAM  "11"  "12"  0
  LINE  "B12"  BEAM  "12"  "13"  0
  LINE  "B13"  BEAM  "1"  "14"  0
  LINE  "B14"  BEAM  "2"  "15"  0
  LINE  "B15"  BEAM  "3"  "16"  0
  LINE  "B16"  BEAM  "4"  "17"  0
  LINE  "B17"  BEAM  "5"  "18"  0
  LINE  "B18"  BEAM  "6"  "19"  0
  LINE  "B19"  BEAM  "7"  "20"  0
  LINE  "B20"  BEAM  "8"  "21"  0
  LINE  "B21"  BEAM  "9"  "22"  0
  LINE  "B22"  BEAM  "10"  "23"  0
  LINE  "B23"  BEAM  "11"  "24"  0
  LINE  "B24"  BEAM  "12"  "25"  0
  LINE  "B25"  BEAM  "13"  "26"  0
  LINE  "B26"  BEAM  "14"  "15"  0
  LINE  "B27"  BEAM  "15"  "16"  0
  LINE  "B28"  BEAM  "16"  "17"  0
  LINE  "B29"  BEAM  "17"  "18"  0
  LINE  "B30"  BEAM  "18"  "19"  0
  LINE  "B31"  BEAM  "19"  "20"  0
  LINE  "B32"  BEAM  "20"  "21"  0
  LINE  "B33"  BEAM  "21"  "22"  0
  LINE  "B34"  BEAM  "22"  "23"  0
  LINE  "B35"  BEAM  "23"  "24"  0
  LINE  "B36"  BEAM  "24"  "25"  0
  LINE  "B37"  BEAM  "25"  "26"  0
  LINE  "B38"  BEAM  "14"  "27"  0
  LINE  "B39"  BEAM  "15"  "28"  0
  LINE  "B40"  BEAM  "16"  "29"  0
  LINE  "B41"  BEAM  "17"  "30"  0
  LINE  "B42"  BEAM  "18"  "31"  0
  LINE  "B43"  BEAM  "19"  "32"  0
  LINE  "B44"  BEAM  "20"  "33"  0
  LINE  "B45"  BEAM  "21"  "34"  0
  LINE  "B46"  BEAM  "22"  "35"  0
  LINE  "B47"  BEAM  "23"  "36"  0
  LINE  "B48"  BEAM  "24"  "37"  0
  LINE  "B49"  BEAM  "25"  "38"  0
  LINE  "B50"  BEAM  "26"  "39"  0
  LINE  "B51"  BEAM  "27"  "28"  0
  LINE  "B52"  BEAM  "28"  "29"  0
  LINE  "B53"  BEAM  "29"  "30"  0
  LINE  "B54"  BEAM  "30"  "31"  0
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  LINE  "B56"  BEAM  "32"  "33"  0
  LINE  "B57"  BEAM  "33"  "34"  0
  LINE  "B58"  BEAM  "34"  "35"  0
  LINE  "B59"  BEAM  "35"  "36"  0
  LINE  "B60"  BEAM  "36"  "37"  0
  LINE  "B61"  BEAM  "37"  "38"  0
  LINE  "B62"  BEAM  "38"  "39"  0
  LINE  "B63"  BEAM  "27"  "41"  0
  LINE  "B64"  BEAM  "28"  "42"  0
  LINE  "B65"  BEAM  "29"  "43"  0
  LINE  "B66"  BEAM  "30"  "44"  0
  LINE  "B67"  BEAM  "31"  "45"  0
  LINE  "B68"  BEAM  "32"  "46"  0
  LINE  "B69"  BEAM  "33"  "47"  0
  LINE  "B70"  BEAM  "34"  "48"  0
  LINE  "B71"  BEAM  "35"  "49"  0
  LINE  "B72"  BEAM  "36"  "50"  0
  LINE  "B73"  BEAM  "37"  "51"  0
  LINE  "B74"  BEAM  "38"  "52"  0
  LINE  "B75"  BEAM  "39"  "53"  0
  LINE  "B76"  BEAM  "41"  "42"  0
  LINE  "B77"  BEAM  "42"  "43"  0
  LINE  "B78"  BEAM  "43"  "44"  0
  LINE  "B79"  BEAM  "44"  "45"  0
  LINE  "B80"  BEAM  "45"  "46"  0
  LINE  "B81"  BEAM  "46"  "47"  0
  LINE  "B82"  BEAM  "47"  "48"  0
  LINE  "B83"  BEAM  "48"  "49"  0
  LINE  "B84"  BEAM  "49"  "50"  0
  LINE  "B85"  BEAM  "50"  "51"  0
  LINE  "B86"  BEAM  "51"  "52"  0
  LINE  "B87"  BEAM  "52"  "53"  0
  LINE  "B88"  BEAM  "41"  "54"  0
  LINE  "B89"  BEAM  "42"  "55"  0
  LINE  "B90"  BEAM  "43"  "56"  0
  LINE  "B91"  BEAM  "44"  "57"  0
  LINE  "B92"  BEAM  "45"  "58"  0
  LINE  "B93"  BEAM  "46"  "59"  0
  LINE  "B94"  BEAM  "47"  "60"  0
  LINE  "B95"  BEAM  "48"  "61"  0
  LINE  "B96"  BEAM  "49"  "62"  0
  LINE  "B97"  BEAM  "50"  "63"  0
  LINE  "B98"  BEAM  "51"  "64"  0
  LINE  "B99"  BEAM  "52"  "65"  0
  LINE  "B100"  BEAM  "53"  "66"  0
  LINE  "B101"  BEAM  "54"  "55"  0
  LINE  "B102"  BEAM  "55"  "56"  0
  LINE  "B103"  BEAM  "56"  "57"  0
  LINE  "B104"  BEAM  "57"  "58"  0
  LINE  "B105"  BEAM  "58"  "59"  0
  LINE  "B106"  BEAM  "59"  "60"  0
  LINE  "B107"  BEAM  "60"  "61"  0
  LINE  "B108"  BEAM  "61"  "62"  0
  LINE  "B109"  BEAM  "62"  "63"  0
  LINE  "B110"  BEAM  "63"  "64"  0
  LINE  "B111"  BEAM  "64"  "65"  0
  LINE  "B112"  BEAM  "65"  "66"  0

$ AREA CONNECTIVITIES
  AREA "F1"  FLOOR  24  "2"  "15"  "16"  "17"  "18"  "19"  "20"  "21"
"22"  "23"  "24"  "25"  "26"  "13"  "12"  "11"  "10"  "9"  "8"  "7"  "6"
"5"  "4"  "3"  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0
  AREA "F2"  FLOOR  10  "1"  "14"  "27"  "41"  "54"  "55"  "42"  "28"
"15"  "2"  0  0  0  0  0  0  0  0  0  0
  AREA "F3"  FLOOR  26  "15"  "28"  "42"  "43"  "44"  "45"  "46"  "47"
"48"  "49"  "50"  "51"  "52"  "53"  "39"  "26"  "25"  "24"  "23"  "22"
"21"  "20"  "19"  "18"  "17"  "16"  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
  AREA "F4"  FLOOR  24  "42"  "55"  "56"  "57"  "58"  "59"  "60"  "61"
"62"  "63"  "64"  "65"  "66"  "53"  "52"  "51"  "50"  "49"  "48"  "47"
"46"  "45"  "44"  "43"  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0

$ GROUPS
  GROUP "DER"
  GROUP "DER"  POINT "15"  "NE+3.45"
  GROUP "DER"  POINT "16"  "NE+3.45"
  GROUP "DER"  POINT "28"  "NE+3.45"
  GROUP "DER"  POINT "42"  "NE+3.45"
  GROUP "DER"  POINT "43"  "NE+3.45"
  GROUP "DER"  POINT "17"  "NE+3.45"
  GROUP "DER"  POINT "30"  "NE+3.45"
  GROUP "DER"  POINT "44"  "NE+3.45"
  GROUP "DER"  POINT "18"  "NE+3.45"
  GROUP "DER"  POINT "45"  "NE+3.45"
  GROUP "DER"  POINT "19"  "NE+3.45"
  GROUP "DER"  POINT "32"  "NE+3.45"
  GROUP "DER"  POINT "46"  "NE+3.45"
  GROUP "DER"  POINT "20"  "NE+3.45"
```

```
  GROUP "DER"  POINT "47"  "NE+3.45"
  GROUP "DER"  POINT "21"  "NE+3.45"
  GROUP "DER"  POINT "34"  "NE+3.45"
  GROUP "DER"  POINT "48"  "NE+3.45"
  GROUP "DER"  POINT "22"  "NE+3.45"
  GROUP "DER"  POINT "49"  "NE+3.45"
  GROUP "DER"  POINT "23"  "NE+3.45"
  GROUP "DER"  POINT "36"  "NE+3.45"
  GROUP "DER"  POINT "50"  "NE+3.45"
  GROUP "DER"  POINT "15"  "NE+6.80"
  GROUP "DER"  POINT "16"  "NE+6.80"
  GROUP "DER"  POINT "17"  "NE+6.80"
  GROUP "DER"  POINT "18"  "NE+6.80"
  GROUP "DER"  POINT "19"  "NE+6.80"
  GROUP "DER"  POINT "20"  "NE+6.80"
  GROUP "DER"  POINT "21"  "NE+6.80"
  GROUP "DER"  POINT "22"  "NE+6.80"
  GROUP "DER"  POINT "23"  "NE+6.80"
  GROUP "DER"  POINT "28"  "NE+6.80"
  GROUP "DER"  POINT "30"  "NE+6.80"
  GROUP "DER"  POINT "32"  "NE+6.80"
  GROUP "DER"  POINT "34"  "NE+6.80"
  GROUP "DER"  POINT "36"  "NE+6.80"
  GROUP "DER"  POINT "42"  "NE+6.80"
  GROUP "DER"  POINT "43"  "NE+6.80"
  GROUP "DER"  POINT "44"  "NE+6.80"
  GROUP "DER"  POINT "45"  "NE+6.80"
  GROUP "DER"  POINT "46"  "NE+6.80"
  GROUP "DER"  POINT "47"  "NE+6.80"
  GROUP "DER"  POINT "48"  "NE+6.80"
  GROUP "DER"  POINT "49"  "NE+6.80"
  GROUP "DER"  POINT "50"  "NE+6.80"
  GROUP "DER"  LINE "C1"  "NE+3.45"
  GROUP "DER"  LINE "C2"  "NE+3.45"
  GROUP "DER"  LINE "C3"  "NE+3.45"
  GROUP "DER"  LINE "C4"  "NE+3.45"
  GROUP "DER"  LINE "C5"  "NE+3.45"
  GROUP "DER"  LINE "C6"  "NE+3.45"
  GROUP "DER"  LINE "C7"  "NE+3.45"
  GROUP "DER"  LINE "C8"  "NE+3.45"
  GROUP "DER"  LINE "C9"  "NE+3.45"
  GROUP "DER"  LINE "C13"  "NE+3.45"
  GROUP "DER"  LINE "C14"  "NE+3.45"
  GROUP "DER"  LINE "C15"  "NE+3.45"
  GROUP "DER"  LINE "C16"  "NE+3.45"
  GROUP "DER"  LINE "C17"  "NE+3.45"
  GROUP "DER"  LINE "C21"  "NE+3.45"
  GROUP "DER"  LINE "C22"  "NE+3.45"
  GROUP "DER"  LINE "C23"  "NE+3.45"
  GROUP "DER"  LINE "C24"  "NE+3.45"
  GROUP "DER"  LINE "C25"  "NE+3.45"
  GROUP "DER"  LINE "C26"  "NE+3.45"
  GROUP "DER"  LINE "C27"  "NE+3.45"
  GROUP "DER"  LINE "C28"  "NE+3.45"
  GROUP "DER"  LINE "C29"  "NE+3.45"
  GROUP "DER"  LINE "C1"  "NE+6.80"
  GROUP "DER"  LINE "C2"  "NE+6.80"
  GROUP "DER"  LINE "C3"  "NE+6.80"
  GROUP "DER"  LINE "C4"  "NE+6.80"
  GROUP "DER"  LINE "C5"  "NE+6.80"
  GROUP "DER"  LINE "C6"  "NE+6.80"
  GROUP "DER"  LINE "C7"  "NE+6.80"
  GROUP "DER"  LINE "C8"  "NE+6.80"
  GROUP "DER"  LINE "C9"  "NE+6.80"
  GROUP "DER"  LINE "C13"  "NE+6.80"
  GROUP "DER"  LINE "C14"  "NE+6.80"
  GROUP "DER"  LINE "C15"  "NE+6.80"
  GROUP "DER"  LINE "C16"  "NE+6.80"
  GROUP "DER"  LINE "C17"  "NE+6.80"
  GROUP "DER"  LINE "C21"  "NE+6.80"
  GROUP "DER"  LINE "C22"  "NE+6.80"
  GROUP "DER"  LINE "C23"  "NE+6.80"
  GROUP "DER"  LINE "C24"  "NE+6.80"
  GROUP "DER"  LINE "C25"  "NE+6.80"
  GROUP "DER"  LINE "C26"  "NE+6.80"
  GROUP "DER"  LINE "C27"  "NE+6.80"
  GROUP "DER"  LINE "C28"  "NE+6.80"
  GROUP "DER"  LINE "C29"  "NE+6.80"

$ POINT ASSIGNS
  POINTASSIGN  "15"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "15"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "16"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "16"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "17"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "18"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "19"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "20"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "21"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "22"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "23"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "28"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "28"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "29"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "30"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "32"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "34"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "36"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "42"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "43"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "44"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "45"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "46"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "47"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "48"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "49"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "50"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "14"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "27"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "41"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "54"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "42"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "55"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "43"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "56"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "17"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "30"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "44"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "57"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "18"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "31"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "45"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "58"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "19"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "32"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "46"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "59"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "20"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "33"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "47"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "60"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "21"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "34"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "48"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "61"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "22"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "35"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "49"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "62"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "23"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "36"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "50"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "63"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "15"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "16"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "17"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "18"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "19"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "20"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "21"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "22"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "23"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "28"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "30"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "32"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "34"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "36"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "42"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "43"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "44"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "45"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "46"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "47"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "48"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "49"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "50"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "14"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "27"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "41"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "54"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "55"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "63"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "56"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "57"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "58"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "59"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "60"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "61"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "62"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "24"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  USERJOINT
"Yes"
  POINTASSIGN  "37"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  USERJOINT
"Yes"
  POINTASSIGN  "51"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  USERJOINT
"Yes"
  POINTASSIGN  "24"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "37"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "51"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "64"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "24"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "37"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "51"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "64"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "25"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  USERJOINT
"Yes"
  POINTASSIGN  "38"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  USERJOINT
"Yes"
  POINTASSIGN  "52"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  USERJOINT
"Yes"
  POINTASSIGN  "25"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "38"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "52"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "65"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "25"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "38"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "52"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "65"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "26"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  USERJOINT
"Yes"
  POINTASSIGN  "39"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  USERJOINT
"Yes"
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   POINTASSIGN  "53"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  USERJOINT
"Yes"
   POINTASSIGN  "26"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
   POINTASSIGN  "39"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
   POINTASSIGN  "53"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
   POINTASSIGN  "66"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
   POINTASSIGN  "26"  "NE+6.80"  USERJOINT  "Yes"
   POINTASSIGN  "39"  "NE+6.80"  USERJOINT  "Yes"
   POINTASSIGN  "53"  "NE+6.80"  USERJOINT  "Yes"
   POINTASSIGN  "66"  "NE+6.80"  USERJOINT  "Yes"
   POINTASSIGN  "1"  "NE+3.45"  DIAPH "D1"
   POINTASSIGN  "2"  "NE+3.45"  DIAPH "D1"
   POINTASSIGN  "3"  "NE+3.45"  DIAPH "D1"
   POINTASSIGN  "4"  "NE+3.45"  DIAPH "D1"
   POINTASSIGN  "5"  "NE+3.45"  DIAPH "D1"
   POINTASSIGN  "6"  "NE+3.45"  DIAPH "D1"
   POINTASSIGN  "7"  "NE+3.45"  DIAPH "D1"
   POINTASSIGN  "8"  "NE+3.45"  DIAPH "D1"
   POINTASSIGN  "9"  "NE+3.45"  DIAPH "D1"
   POINTASSIGN  "10"  "NE+3.45"  DIAPH "D1"
   POINTASSIGN  "11"  "NE+3.45"  DIAPH "D1"
   POINTASSIGN  "12"  "NE+3.45"  DIAPH "D1"
   POINTASSIGN  "13"  "NE+3.45"  DIAPH "D1"

$ LINE ASSIGNS
   LINEASSIGN  "C1"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C2"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C3"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C4"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C5"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C6"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C7"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C8"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C9"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C13"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C14"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C15"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C16"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C17"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C21"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C22"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C23"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C24"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C25"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C26"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C27"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C28"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C29"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "B26"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B27"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B28"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B29"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B30"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B31"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B32"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B33"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B34"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B51"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B52"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B53"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B54"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B55"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B56"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B57"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B58"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B59"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B76"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B77"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B78"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B79"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B80"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B81"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B82"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B83"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B84"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B85"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B101"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B110"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B102"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B103"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B104"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B105"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B106"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B107"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B108"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B109"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B38"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B63"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B88"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B39"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B64"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B89"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B40"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B65"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B90"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B41"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B66"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B91"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B42"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B67"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B92"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B43"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B68"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B93"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B44"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B69"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B94"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B45"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B70"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B95"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B46"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B71"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B96"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B47"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B72"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B97"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "C1"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C2"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
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  LINEASSIGN  "C3"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C4"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C5"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C6"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C7"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C8"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C9"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C13"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C14"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C15"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C16"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C17"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C21"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C22"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C23"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C24"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C25"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C26"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C27"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C28"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C29"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B26"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B27"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B28"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B29"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B30"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B31"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B32"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B33"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B34"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B51"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B52"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B53"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B54"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B55"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B56"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B57"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B58"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B59"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B76"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B77"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B78"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B79"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B80"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B81"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B82"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B83"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B84"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B101"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B102"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B103"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B104"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B105"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B106"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B107"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B108"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B109"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B38"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B63"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B88"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B39"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B64"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B89"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B40"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B65"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B90"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B41"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B66"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B91"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B42"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B67"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B92"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B43"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B68"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B93"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B44"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B69"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B94"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B45"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B70"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B95"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B46"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B71"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B96"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B47"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B72"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B97"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B14"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B15"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B16"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B17"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B18"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B19"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B20"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B21"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B22"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B1"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B13"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B2"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B3"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B4"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B5"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B6"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B7"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B8"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B9"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
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  LINEASSIGN  "C10"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C18"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C30"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B48"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B73"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B98"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C10"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C18"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C30"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B48"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B73"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B98"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C11"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C19"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C31"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B49"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B74"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B99"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C11"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C19"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C31"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B49"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B74"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B99"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C12"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C20"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C32"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B50"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B75"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B100"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C12"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C20"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C32"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B50"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B75"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B100"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B35"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B35"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B36"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B36"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B37"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B37"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B60"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B60"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B61"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B61"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B62"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B62"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B86"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B86"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B87"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B87"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B111"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B111"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B112"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B112"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B1"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B2"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B3"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B4"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B5"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B6"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B7"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B8"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B9"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B10"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B11"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B12"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B13"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B14"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B15"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B16"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B17"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B18"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B19"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B20"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B21"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B22"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B23"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B24"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B25"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B10"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B11"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B12"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B110"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B23"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B24"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B25"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B85"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"

$ AREA ASSIGNS
  AREAASSIGN  "F2"  "NE+6.80"  SECTION "LOSA"  OBJMESHTYPE "AUTOMESH"
MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F1"  "NE+3.45"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"AUTOMESH"  MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F2"  "NE+3.45"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"AUTOMESH"  MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F3"  "NE+3.45"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"AUTOMESH"  MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F4"  "NE+3.45"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"AUTOMESH"  MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F1"  "NE+6.80"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"AUTOMESH"  MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F4"  "NE+6.80"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"AUTOMESH"  MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"

$ LOAD PATTERNS
  LOADPATTERN "PPROPIO"  TYPE  "Dead"  SELFWEIGHT  1
  LOADPATTERN "MUERTA"  TYPE  "Dead"  SELFWEIGHT  0
  LOADPATTERN "VIVA"  TYPE  "Live"  SELFWEIGHT  0
  LOADPATTERN "SISMOX"  TYPE  "Seismic"  SELFWEIGHT  0
  LOADPATTERN "SISMOY"  TYPE  "Seismic"  SELFWEIGHT  0
  SEISMIC "SISMOX"  "User Coefficient"    DIR "X+ECC"  ECC 0.05  TOPSTORY
"NE+6.80"    BOTTOMSTORY "Base"    SHEARCOEFF 0.7031  HEIGHTEXPONENT 1
  SEISMIC "SISMOY"  "User Coefficient"    DIR "Y+ECC"  ECC 0.05  TOPSTORY
"NE+6.80"    BOTTOMSTORY "Base"    SHEARCOEFF 0.7031  HEIGHTEXPONENT 1
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$ POINT OBJECT LOADS

$ FRAME OBJECT LOADS
  LINELOAD  "B27"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B28"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B29"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B30"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B31"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B32"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B33"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B34"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B77"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B78"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B79"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B80"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B81"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B82"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B83"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B84"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B101"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.24
  LINELOAD  "B110"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.24
  LINELOAD  "B102"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.24
  LINELOAD  "B103"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.24
  LINELOAD  "B104"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.24
  LINELOAD  "B105"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.24
  LINELOAD  "B106"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.24
  LINELOAD  "B107"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.24
  LINELOAD  "B108"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.24
  LINELOAD  "B109"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.24
  LINELOAD  "B38"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B63"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B88"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B39"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B64"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B41"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B66"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B43"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B68"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B45"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B70"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B47"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B72"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B101"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.37
  LINELOAD  "B102"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.37
  LINELOAD  "B103"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.37
  LINELOAD  "B104"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.37
  LINELOAD  "B105"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.37
  LINELOAD  "B106"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.37
  LINELOAD  "B107"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.37
  LINELOAD  "B108"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.37
  LINELOAD  "B109"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.37
  LINELOAD  "B38"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B63"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B88"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B39"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.16
  LINELOAD  "B39"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.11
  LINELOAD  "B39"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B64"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.16
  LINELOAD  "B64"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.11
  LINELOAD  "B64"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B40"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B40"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B65"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B65"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B41"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B41"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B66"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B66"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B42"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B42"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B67"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B67"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B43"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B43"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B68"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B68"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B44"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B44"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B69"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B69"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B45"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B45"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B70"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B70"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B46"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B46"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B71"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B71"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B47"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B47"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B72"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B72"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B1"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B13"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B2"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B3"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B4"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B5"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B6"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B7"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B8"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B9"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B48"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B73"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B48"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B48"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B73"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
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  LINELOAD  "B73"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B49"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B49"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B74"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B74"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B50"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B75"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B100"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.24
  LINELOAD  "B50"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.16
  LINELOAD  "B50"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.11
  LINELOAD  "B50"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B75"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.16
  LINELOAD  "B75"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.11
  LINELOAD  "B75"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B100"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.37
  LINELOAD  "B36"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B37"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B61"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B62"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B86"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B87"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B111"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.24
  LINELOAD  "B111"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.37
  LINELOAD  "B112"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.24
  LINELOAD  "B112"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.37
  LINELOAD  "B1"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B2"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B3"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B4"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B5"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B6"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B7"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B8"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B9"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B10"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B11"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B12"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B13"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B25"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B10"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B11"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B12"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B110"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"
FVAL 0.37
  LINELOAD  "B25"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37

$ SHELL OBJECT LOADS
  AREALOAD  "F2"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  AREALOAD  "F2"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.05
  AREALOAD  "F1"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.41
  AREALOAD  "F1"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.5
  AREALOAD  "F2"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.41
  AREALOAD  "F2"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.5
  AREALOAD  "F3"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.2
  AREALOAD  "F3"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.51
  AREALOAD  "F4"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.41
  AREALOAD  "F4"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.5
  AREALOAD  "F1"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  AREALOAD  "F1"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.05
  AREALOAD  "F4"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  AREALOAD  "F4"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.05

$ ANALYSIS OPTIONS
  ACTIVEDOF "UX UY UZ RX RY RZ"
  MODELHINGESINLINKS "No"
  PDELTA  METHOD "NONE"
  AUTORECTMESH  LOCALIZEDFLOORMESHING  "Yes"  FLOORMESHMERGEJOINTS  "Yes"
FLOORMESHMAXSIZE  1.25 WALLMESHMAXSIZE  1.25

$ MASS SOURCE
  MASSSOURCE  "MsSrc1"    INCLUDEELEMENTS "No"    INCLUDEADDEDMASS "No"
INCLUDELOADS "Yes"    INCLUDEMOVE "No"    INCLUDELATERALMASS "Yes"
INCLUDEVERTICALMASS "No"    LUMPATSTORIES "Yes"    ISDEFAULT "Yes"
  MASSSOURCELOAD  "MsSrc1"  "PPROPIO"  1
  MASSSOURCELOAD  "MsSrc1"  "MUERTA"  1

$ GENERALIZED DISPLACEMENTS

$ LOAD CASES
  LOADCASE "Modal"  TYPE  "Modal - Eigen"  INITCOND  "PRESET"
  LOADCASE "Modal"  MAXMODES  12 MINMODES  12 EIGENSHIFTFREQ  0
EIGENCUTOFF  0 EIGENTOL  1E-07
  LOADCASE "PPROPIO"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "PPROPIO"  LOADPAT  "PPROPIO"  SF  1
  LOADCASE "MUERTA"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "MUERTA"  LOADPAT  "MUERTA"  SF  1
  LOADCASE "VIVA"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "VIVA"  LOADPAT  "VIVA"  SF  1
  LOADCASE "SISMOX"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "SISMOX"  LOADPAT  "SISMOX"  SF  1
  LOADCASE "SISMOY"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "SISMOY"  LOADPAT  "SISMOY"  SF  1

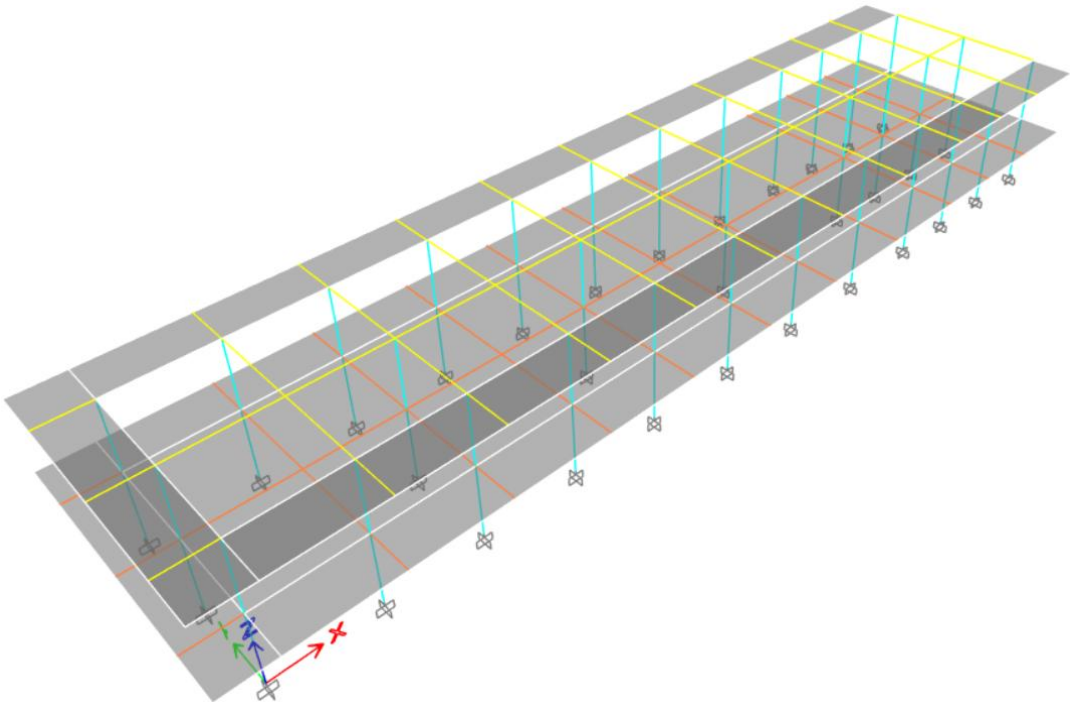
$ LOAD COMBINATIONS
  COMBO "COMB1"  TYPE "Linear Add"
  COMBO "COMB1"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB1"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB1"  LOADCASE "PPROPIO"  SF 1.4
  COMBO "COMB1"  LOADCASE "MUERTA"  SF 1.4
  COMBO "COMB2"  TYPE "Linear Add"
  COMBO "COMB2"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB2"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB2"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB2"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB2"  LOADCASE "VIVA"  SF 1.6
  COMBO "COMB3"  TYPE "Linear Add"
  COMBO "COMB3"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB3"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB3"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB3"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB3"  LOADCASE "VIVA"  SF 1
  COMBO "COMB3"  LOADCASE "SISMOX"  SF 0.27
  COMBO "COMB3"  LOADCASE "SISMOY"  SF 0.08
  COMBO "COMB4"  TYPE "Linear Add"
  COMBO "COMB4"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB4"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB4"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB4"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB4"  LOADCASE "VIVA"  SF 1
  COMBO "COMB4"  LOADCASE "SISMOX"  SF 0.27
  COMBO "COMB4"  LOADCASE "SISMOY"  SF -0.08
  COMBO "COMB5"  TYPE "Linear Add"
  COMBO "COMB5"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB5"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB5"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB5"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB5"  LOADCASE "VIVA"  SF 1
  COMBO "COMB5"  LOADCASE "SISMOX"  SF -0.27
  COMBO "COMB5"  LOADCASE "SISMOY"  SF -0.08
  COMBO "COMB6"  TYPE "Linear Add"
  COMBO "COMB6"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB6"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB6"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB6"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB6"  LOADCASE "VIVA"  SF 1
  COMBO "COMB6"  LOADCASE "SISMOX"  SF -0.27
  COMBO "COMB6"  LOADCASE "SISMOY"  SF 0.08
  COMBO "COMB7"  TYPE "Linear Add"
  COMBO "COMB7"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB7"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB7"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB7"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB7"  LOADCASE "VIVA"  SF 1
  COMBO "COMB7"  LOADCASE "SISMOX"  SF 0.08
  COMBO "COMB7"  LOADCASE "SISMOY"  SF 0.27
  COMBO "COMB8"  TYPE "Linear Add"
  COMBO "COMB8"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB8"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB8"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB8"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB8"  LOADCASE "VIVA"  SF 1
  COMBO "COMB8"  LOADCASE "SISMOX"  SF -0.08
  COMBO "COMB8"  LOADCASE "SISMOY"  SF 0.27
  COMBO "COMB9"  TYPE "Linear Add"
  COMBO "COMB9"  DESIGN "Concrete"  COMBOTYPE "Strength"
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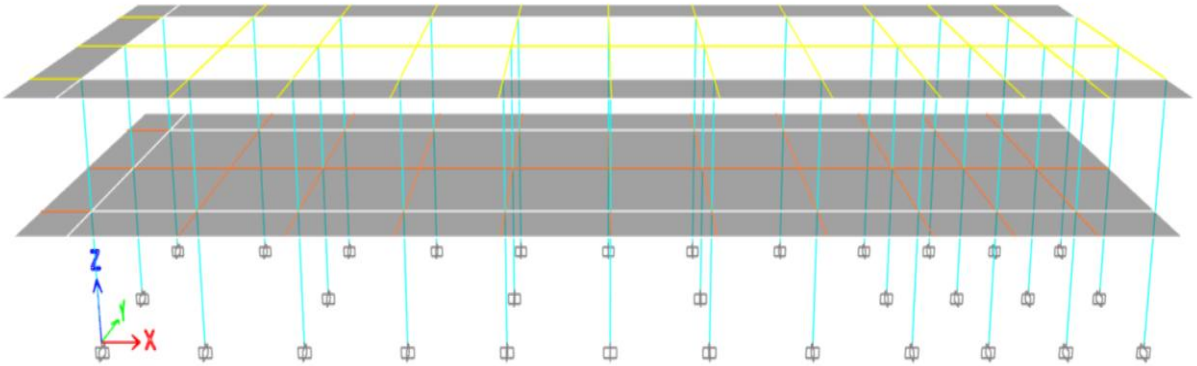
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COMBO "COMB9"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB9"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB9"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB9"  LOADCASE "VIVA"  SF 1
COMBO "COMB9"  LOADCASE "SISMOX"  SF -0.08
COMBO "COMB9"  LOADCASE "SISMOY"  SF -0.27
COMBO "COMB10"  TYPE "Linear Add"
COMBO "COMB10"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB10"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB10"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB10"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB10"  LOADCASE "VIVA"  SF 1
COMBO "COMB10"  LOADCASE "SISMOX"  SF 0.08
COMBO "COMB10"  LOADCASE "SISMOY"  SF -0.27
COMBO "COMB11"  TYPE "Linear Add"
COMBO "COMB11"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB11"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB11"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB11"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB11"  LOADCASE "SISMOX"  SF 0.27
COMBO "COMB11"  LOADCASE "SISMOY"  SF 0.08
COMBO "COMB12"  TYPE "Linear Add"
COMBO "COMB12"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB12"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB12"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB12"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB12"  LOADCASE "SISMOX"  SF 0.27
COMBO "COMB12"  LOADCASE "SISMOY"  SF -0.08
COMBO "COMB13"  TYPE "Linear Add"
COMBO "COMB13"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB13"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB13"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB13"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB13"  LOADCASE "SISMOX"  SF -0.27
COMBO "COMB13"  LOADCASE "SISMOY"  SF -0.08
COMBO "COMB14"  TYPE "Linear Add"
COMBO "COMB14"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB14"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB14"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB14"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB14"  LOADCASE "SISMOX"  SF -0.27
COMBO "COMB14"  LOADCASE "SISMOY"  SF 0.08
COMBO "COMB15"  TYPE "Linear Add"
COMBO "COMB15"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB15"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB15"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB15"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB15"  LOADCASE "SISMOX"  SF 0.08
COMBO "COMB15"  LOADCASE "SISMOY"  SF 0.27
COMBO "COMB16"  TYPE "Linear Add"
COMBO "COMB16"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB16"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB16"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB16"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB16"  LOADCASE "SISMOX"  SF -0.08
COMBO "COMB16"  LOADCASE "SISMOY"  SF 0.27
COMBO "COMB17"  TYPE "Linear Add"
COMBO "COMB17"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB17"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB17"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB17"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB17"  LOADCASE "SISMOX"  SF -0.08
COMBO "COMB17"  LOADCASE "SISMOY"  SF -0.27
COMBO "COMB18"  TYPE "Linear Add"
COMBO "COMB18"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB18"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB18"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB18"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB18"  LOADCASE "SISMOX"  SF 0.08
COMBO "COMB18"  LOADCASE "SISMOY"  SF -0.27
COMBO "DER1"  TYPE "Linear Add"
COMBO "DER1"  LOADCASE "PPROPIO"  SF 1
COMBO "DER1"  LOADCASE "MUERTA"  SF 1
COMBO "DER1"  LOADCASE "VIVA"  SF 1
COMBO "DER1"  LOADCASE "SISMOX"  SF 1
COMBO "DER1"  LOADCASE "SISMOY"  SF 0.3
COMBO "DER2"  TYPE "Linear Add"
COMBO "DER2"  LOADCASE "PPROPIO"  SF 1
COMBO "DER2"  LOADCASE "MUERTA"  SF 1
COMBO "DER2"  LOADCASE "VIVA"  SF 1
COMBO "DER2"  LOADCASE "SISMOX"  SF 1
COMBO "DER2"  LOADCASE "SISMOY"  SF -0.3
COMBO "DER3"  TYPE "Linear Add"
COMBO "DER3"  LOADCASE "PPROPIO"  SF 1
COMBO "DER3"  LOADCASE "MUERTA"  SF 1
COMBO "DER3"  LOADCASE "VIVA"  SF 1
COMBO "DER3"  LOADCASE "SISMOX"  SF -1
COMBO "DER3"  LOADCASE "SISMOY"  SF -0.3
COMBO "DER4"  TYPE "Linear Add"
COMBO "DER4"  LOADCASE "PPROPIO"  SF 1
COMBO "DER4"  LOADCASE "MUERTA"  SF 1
COMBO "DER4"  LOADCASE "VIVA"  SF 1
COMBO "DER4"  LOADCASE "SISMOX"  SF -1
COMBO "DER4"  LOADCASE "SISMOY"  SF 0.3
COMBO "DER5"  TYPE "Linear Add"
COMBO "DER5"  LOADCASE "PPROPIO"  SF 1
COMBO "DER5"  LOADCASE "MUERTA"  SF 1
COMBO "DER5"  LOADCASE "VIVA"  SF 1
COMBO "DER5"  LOADCASE "SISMOX"  SF 0.3
COMBO "DER5"  LOADCASE "SISMOY"  SF 1
COMBO "DER6"  TYPE "Linear Add"
COMBO "DER6"  LOADCASE "PPROPIO"  SF 1
COMBO "DER6"  LOADCASE "MUERTA"  SF 1
COMBO "DER6"  LOADCASE "VIVA"  SF 1
COMBO "DER6"  LOADCASE "SISMOX"  SF -0.3
COMBO "DER6"  LOADCASE "SISMOY"  SF 1
COMBO "DER7"  TYPE "Linear Add"
COMBO "DER7"  LOADCASE "PPROPIO"  SF 1
COMBO "DER7"  LOADCASE "MUERTA"  SF 1
COMBO "DER7"  LOADCASE "VIVA"  SF 1
COMBO "DER7"  LOADCASE "SISMOX"  SF -0.3
COMBO "DER7"  LOADCASE "SISMOY"  SF -1
COMBO "DER8"  TYPE "Linear Add"
COMBO "DER8"  LOADCASE "PPROPIO"  SF 1
COMBO "DER8"  LOADCASE "MUERTA"  SF 1
COMBO "DER8"  LOADCASE "VIVA"  SF 1
COMBO "DER8"  LOADCASE "SISMOX"  SF 0.3
COMBO "DER8"  LOADCASE "SISMOY"  SF -1
COMBO "DER9"  TYPE "Linear Add"
COMBO "DER9"  LOADCASE "PPROPIO"  SF 1
COMBO "DER9"  LOADCASE "MUERTA"  SF 1
COMBO "DER9"  LOADCASE "SISMOX"  SF 1
COMBO "DER9"  LOADCASE "SISMOY"  SF 0.3
COMBO "DER10"  TYPE "Linear Add"
COMBO "DER10"  LOADCASE "PPROPIO"  SF 1
COMBO "DER10"  LOADCASE "MUERTA"  SF 1
COMBO "DER10"  LOADCASE "SISMOX"  SF 1
COMBO "DER10"  LOADCASE "SISMOY"  SF -0.3
COMBO "DER11"  TYPE "Linear Add"
COMBO "DER11"  LOADCASE "PPROPIO"  SF 1
COMBO "DER11"  LOADCASE "MUERTA"  SF 1
COMBO "DER11"  LOADCASE "SISMOX"  SF -1
COMBO "DER11"  LOADCASE "SISMOY"  SF -0.3
COMBO "DER12"  TYPE "Linear Add"
COMBO "DER12"  LOADCASE "PPROPIO"  SF 1
COMBO "DER12"  LOADCASE "MUERTA"  SF 1
COMBO "DER12"  LOADCASE "SISMOX"  SF -1
COMBO "DER12"  LOADCASE "SISMOY"  SF 0.3
COMBO "DER13"  TYPE "Linear Add"
COMBO "DER13"  LOADCASE "PPROPIO"  SF 1
COMBO "DER13"  LOADCASE "MUERTA"  SF 1
COMBO "DER13"  LOADCASE "SISMOX"  SF 0.3
COMBO "DER13"  LOADCASE "SISMOY"  SF 1
COMBO "DER14"  TYPE "Linear Add"
COMBO "DER14"  LOADCASE "PPROPIO"  SF 1
COMBO "DER14"  LOADCASE "MUERTA"  SF 1
COMBO "DER14"  LOADCASE "SISMOX"  SF -0.3
COMBO "DER14"  LOADCASE "SISMOY"  SF 1
COMBO "DER15"  TYPE "Linear Add"
COMBO "DER15"  LOADCASE "PPROPIO"  SF 1
COMBO "DER15"  LOADCASE "MUERTA"  SF 1
COMBO "DER15"  LOADCASE "SISMOX"  SF -0.3
COMBO "DER15"  LOADCASE "SISMOY"  SF -1
COMBO "DER16"  TYPE "Linear Add"
COMBO "DER16"  LOADCASE "PPROPIO"  SF 1
COMBO "DER16"  LOADCASE "MUERTA"  SF 1
COMBO "DER16"  LOADCASE "SISMOX"  SF 0.3
COMBO "DER16"  LOADCASE "SISMOY"  SF -1
COMBO "CIMENT"  TYPE "Linear Add"
COMBO "CIMENT"  LOADCASE "PPROPIO"  SF 1
COMBO "CIMENT"  LOADCASE "MUERTA"  SF 1
COMBO "CIMENT"  LOADCASE "VIVA"  SF 1
COMBO "CORPL3"  TYPE "Linear Add"
COMBO "CORPL3"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL3"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL3"  LOADCASE "VIVA"  SF 1
COMBO "CORPL3"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL3"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL4"  TYPE "Linear Add"
COMBO "CORPL4"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL4"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL4"  LOADCASE "VIVA"  SF 1
COMBO "CORPL4"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL4"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL5"  TYPE "Linear Add"
COMBO "CORPL5"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL5"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL5"  LOADCASE "VIVA"  SF 1
COMBO "CORPL5"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL5"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL6"  TYPE "Linear Add"
COMBO "CORPL6"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL6"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL6"  LOADCASE "VIVA"  SF 1
COMBO "CORPL6"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL6"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL7"  TYPE "Linear Add"
COMBO "CORPL7"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL7"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL7"  LOADCASE "VIVA"  SF 1
COMBO "CORPL7"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL7"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL8"  TYPE "Linear Add"
COMBO "CORPL8"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL8"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL8"  LOADCASE "VIVA"  SF 1
COMBO "CORPL8"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL8"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL9"  TYPE "Linear Add"
COMBO "CORPL9"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL9"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL9"  LOADCASE "VIVA"  SF 1
COMBO "CORPL9"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL9"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL10"  TYPE "Linear Add"
COMBO "CORPL10"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL10"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL10"  LOADCASE "VIVA"  SF 1
COMBO "CORPL10"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL10"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL11"  TYPE "Linear Add"
COMBO "CORPL11"  LOADCASE "PPROPIO"  SF 0.9
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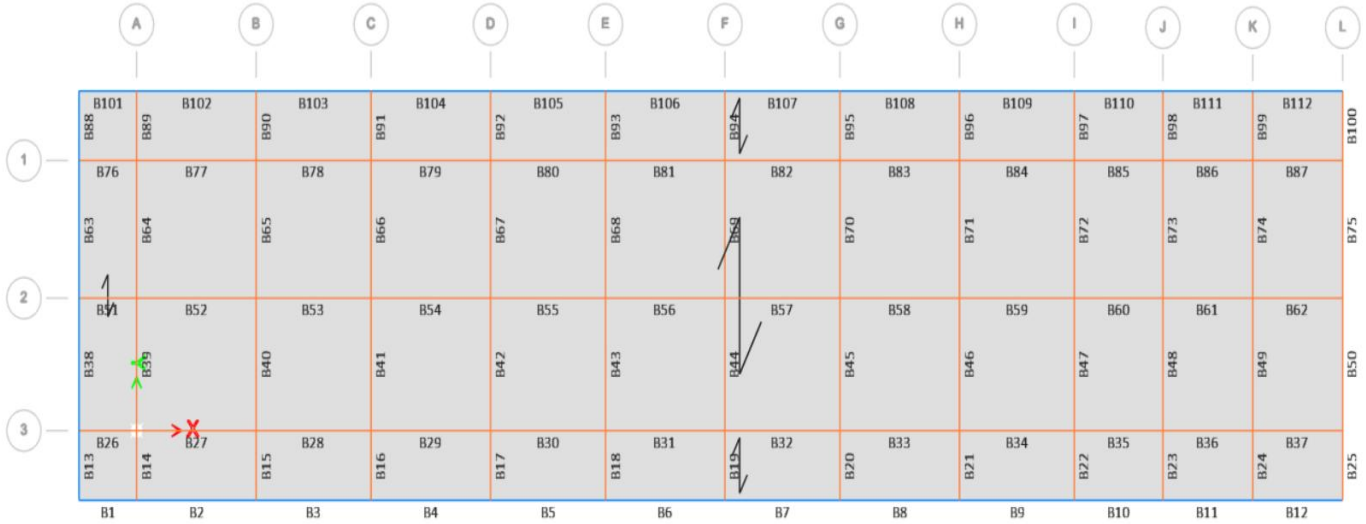
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COMBO "CORPL11"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL11"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL11"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL12"  TYPE "Linear Add"
COMBO "CORPL12"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL12"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL12"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL12"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL13"  TYPE "Linear Add"
COMBO "CORPL13"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL13"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL13"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL13"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL14"  TYPE "Linear Add"
COMBO "CORPL14"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL14"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL14"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL14"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL15"  TYPE "Linear Add"
COMBO "CORPL15"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL15"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL15"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL15"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL16"  TYPE "Linear Add"
COMBO "CORPL16"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL16"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL16"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL16"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL17"  TYPE "Linear Add"
COMBO "CORPL17"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL17"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL17"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL17"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL18"  TYPE "Linear Add"
COMBO "CORPL18"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL18"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL18"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL18"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL3-1"  TYPE "Linear Add"
COMBO "CORPL3-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL3-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL3-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL3-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL3-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL4-1"  TYPE "Linear Add"
COMBO "CORPL4-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL4-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL4-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL4-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL4-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL5-1"  TYPE "Linear Add"
COMBO "CORPL5-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL5-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL5-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL5-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL5-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL6-1"  TYPE "Linear Add"
COMBO "CORPL6-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL6-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL6-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL6-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL6-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL7-1"  TYPE "Linear Add"
COMBO "CORPL7-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL7-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL7-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL7-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL7-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL8-1"  TYPE "Linear Add"
COMBO "CORPL8-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL8-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL8-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL8-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL8-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL9-1"  TYPE "Linear Add"
COMBO "CORPL9-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL9-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL9-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL9-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL9-1"  LOADCASE "SISMOY"  SF -0.81
COMBO "CORPL10-1"  TYPE "Linear Add"
COMBO "CORPL10-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL10-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL10-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL10-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL10-1"  LOADCASE "SISMOY"  SF -0.81
COMBO "CORPL11-1"  TYPE "Linear Add"
COMBO "CORPL11-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL11-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL11-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL11-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL12-1"  TYPE "Linear Add"
COMBO "CORPL12-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL12-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL12-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL12-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL13-1"  TYPE "Linear Add"
COMBO "CORPL13-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL13-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL13-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL13-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL14-1"  TYPE "Linear Add"
COMBO "CORPL14-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL14-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL14-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL14-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL15-1"  TYPE "Linear Add"
COMBO "CORPL15-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL15-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL15-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL15-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL16-1"  TYPE "Linear Add"
COMBO "CORPL16-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL16-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL16-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL16-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL17-1"  TYPE "Linear Add"
COMBO "CORPL17-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL17-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL17-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL17-1"  LOADCASE "SISMOY"  SF -0.81
COMBO "CORPL18-1"  TYPE "Linear Add"
COMBO "CORPL18-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL18-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL18-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL18-1"  LOADCASE "SISMOY"  SF -0.81

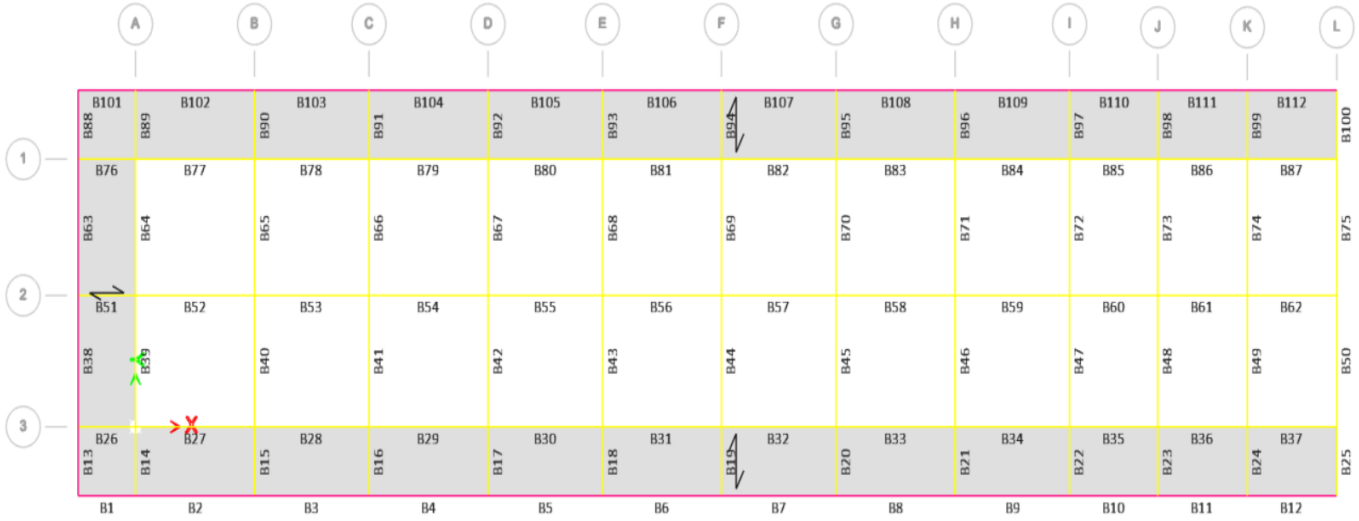
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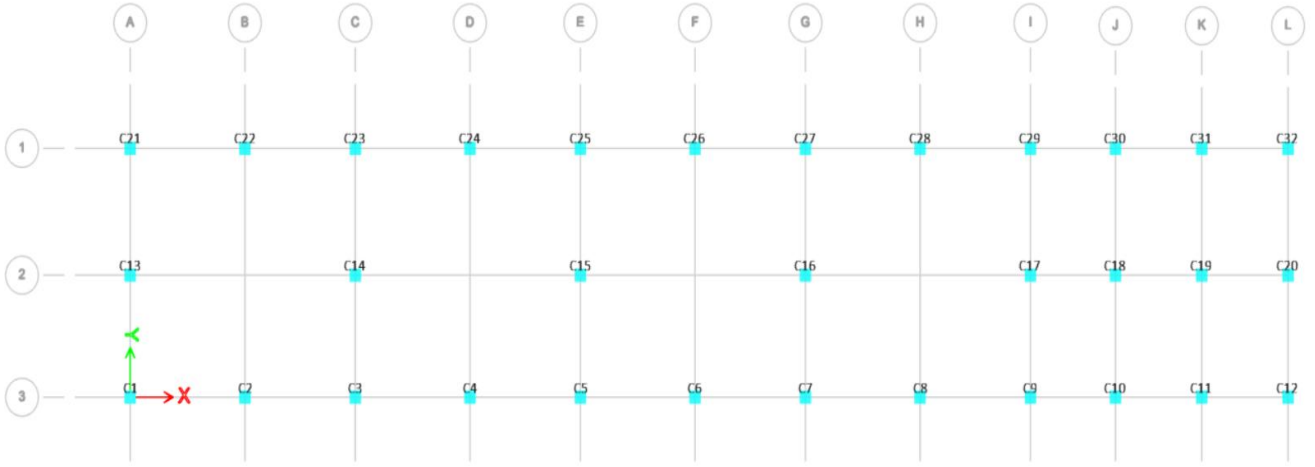
2.1 ISOMÉTRICO DE LA ESTRUCTURA


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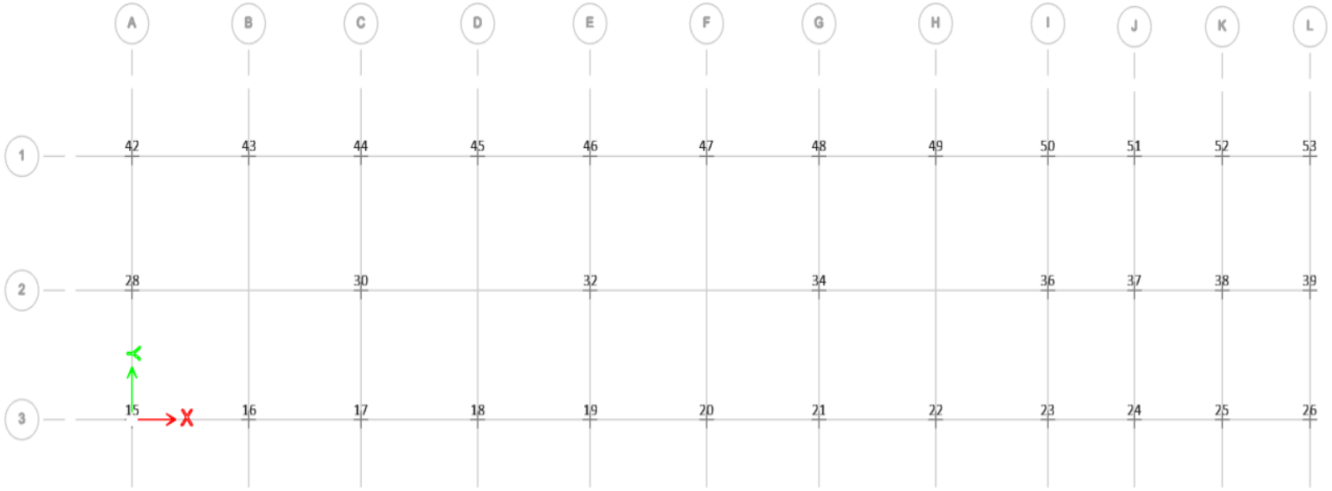

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NUMERACIÓN ELEMENTOS PLANTA PISO 2, CUBIERTA Y COLUMNAS



NUMERACIÓN NUDOS

2.2 COMBINACIONES DE CARGA

EVALUACIÓN DERIVAS

1.00CM+1.00CV + EQX + 0.30EQY	1.00CM+ EQX + 0.30EQY
1.00CM+1.00CV + EQX – 0.30EQY	1.00CM+ EQX – 0.30EQY
1.00CM+1.00CV – EQX + 0.30EQY	1.00CM– EQX + 0.30EQY
1.00CM+1.00CV – EQX – 0.30EQY	1.00CM– EQX – 0.30EQY
1.00CM+1.00CV + 0.30EQX + EQY	1.00CM+ 0.30EQX + EQY
1.00CM+1.00CV + 0.30EQX – EQY	1.00CM+ 0.30EQX – EQY
1.00CM+1.00CV – 0.30EQX + EQY	1.00CM– 0.30EQX + EQY
1.00CM+1.00CV – 0.30EQX – EQY	1.00CM– 0.30EQX – EQY

DISEÑO ESTRUCTURA

1.40CM
1.20CM+1.60CV

1.20CM+1.00CV + EQX/R + 0.30EQY/R	0.90CM+ EQX/R + 0.30EQY/R
1.20CM+1.00CV + EQX/R – 0.30EQY/R	0.90CM– EQX/R + 0.30EQY/R
1.20CM+1.00CV – EQX/R + 0.30EQY/R	0.90CM+ EQX/R – 0.30EQY/R
1.20CM+1.00CV – EQX/R – 0.30EQY/R	0.90CM– EQX/R – 0.30EQY/R
1.20CM+1.00CV + 0.30EQX/R + EQY/R	0.90CM+ 0.30EQX/R + EQY/R
1.20CM+1.00CV + 0.30EQX/R – EQY/R	0.90CM+ 0.30EQX/R – EQY/R
1.20CM+1.00CV – 0.30EQX/R + EQY/R	0.90CM– 0.30EQX/R + EQY/R
1.20CM+1.00CV – 0.30EQX/R – EQY/R	0.90CM– 0.30EQX/R – EQY/R

REVISIÓN CORTANTE VIGAS

1.20CM+1.00CV + 2EQX/R + 0.60EQY/R	0.90CM+ 2EQX/R + 0.60EQY/R
1.20CM+1.00CV + 2EQX/R – 0.60EQY/R	0.90CM– 2EQX/R + 0.60EQY/R
1.20CM+1.00CV – 2EQX/R + 0.60EQY/R	0.90CM+ 2EQX/R – 0.60EQY/R
1.20CM+1.00CV – 2EQX/R – 0.60EQY/R	0.90CM– 2EQX/R – 0.60EQY/R
1.20CM+1.00CV + 0.60EQX/R + 2EQY/R	0.90CM+ 0.60EQX/R + 2EQY/R
1.20CM+1.00CV + 0.60EQX/R – 2EQY/R	0.90CM+ 0.60EQX/R – 2EQY/R
1.20CM+1.00CV – 0.60EQX/R + 2EQY/R	0.90CM– 0.60EQX/R + 2EQY/R
1.20CM+1.00CV – 0.60EQX/R – 2EQY/R	0.90CM– 0.60EQX/R – 2EQY/R

REVISIÓN CORTANTE COLUMNAS

Incrementado por medio de Ω.
Donde: Ro = 5.00 Ω = 3.00

1.20CM+1.00CV + 3EQX/R + 0.90EQY/R	0.90CM+ 3EQX/R + 0.90EQY/R
1.20CM+1.00CV + 3EQX/R – 0.90EQY/R	0.90CM– 3EQX/R + 0.90EQY/R
1.20CM+1.00CV – 3EQX/R + 0.90EQY/R	0.90CM+ 3EQX/R – 0.90EQY/R
1.20CM+1.00CV – 3EQX/R – 0.90EQY/R	0.90CM– 3EQX/R – 0.90EQY/R
1.20CM+1.00CV + 0.90EQX/R + 3EQY/R	0.90CM+ 0.90EQX/R + 3EQY/R
1.20CM+1.00CV + 0.90EQX/R – 3EQY/R	0.90CM+ 0.90EQX/R – 3EQY/R
1.20CM+1.00CV – 0.90EQX/R + 3EQY/R	0.90CM– 0.90EQX/R + 3EQY/R
1.20CM+1.00CV – 0.90EQX/R – 3EQY/R	0.90CM– 0.90EQX/R – 3EQY/R

2.3 VERIFICACIÓN DE DERIVAS

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	15	DER1	0.042	0.023	0.018	3.35	0.034	OK	0.55
NE+3.45	15	DER1	0.020	0.010	-0.018	3.45	0.035	OK	-0.53
NE+6.80	15	DER2	0.043	-0.021	0.018	3.35	0.034	OK	0.55
NE+3.45	15	DER2	0.020	-0.008	-0.020	3.45	0.035	OK	-0.59
NE+6.80	15	DER3	-0.045	-0.023	0.020	3.35	0.034	OK	0.59
NE+3.45	15	DER3	-0.020	-0.010	-0.020	3.45	0.035	OK	-0.57
NE+6.80	15	DER4	-0.046	0.021	0.020	3.35	0.034	OK	0.59
NE+3.45	15	DER4	-0.021	0.008	-0.036	3.45	0.035	OK	-1.03
NE+6.80	15	DER5	0.010	0.073	0.030	3.35	0.034	OK	0.89
NE+3.45	15	DER5	0.005	0.031	-0.030	3.45	0.035	OK	-0.87
NE+6.80	15	DER6	-0.016	0.072	0.030	3.35	0.034	OK	0.89
NE+3.45	15	DER6	-0.007	0.030	-0.030	3.45	0.035	OK	-0.87
NE+6.80	15	DER7	-0.013	-0.073	0.030	3.35	0.034	OK	0.90
NE+3.45	15	DER7	-0.006	-0.030	-0.030	3.45	0.035	OK	-0.86
NE+6.80	15	DER8	0.014	-0.072	0.030	3.35	0.034	OK	0.89
NE+3.45	15	DER8	0.007	-0.030	-0.012	3.45	0.035	OK	-0.36
NE+6.80	15	DER9	0.043	0.023	0.019	3.35	0.034	OK	0.55
NE+3.45	15	DER9	0.020	0.010	-0.018	3.45	0.035	OK	-0.53
NE+6.80	15	DER10	0.044	-0.021	0.019	3.35	0.034	OK	0.55
NE+3.45	15	DER10	0.020	-0.008	-0.020	3.45	0.035	OK	-0.58
NE+6.80	15	DER11	-0.045	-0.023	0.020	3.35	0.034	OK	0.59
NE+3.45	15	DER11	-0.020	-0.010	-0.020	3.45	0.035	OK	-0.57
NE+6.80	15	DER12	-0.046	0.021	0.020	3.35	0.034	OK	0.59
NE+3.45	15	DER12	-0.021	0.008	-0.036	3.45	0.035	OK	-1.03
NE+6.80	15	DER13	0.011	0.073	0.030	3.35	0.034	OK	0.89
NE+3.45	15	DER13	0.005	0.030	-0.030	3.45	0.035	OK	-0.87
NE+6.80	15	DER14	-0.016	0.072	0.030	3.35	0.034	OK	0.89
NE+3.45	15	DER14	-0.007	0.030	-0.030	3.45	0.035	OK	-0.87
NE+6.80	15	DER15	-0.013	-0.073	0.030	3.35	0.034	OK	0.90
NE+3.45	15	DER15	-0.005	-0.030	-0.030	3.45	0.035	OK	-0.86
NE+6.80	15	DER16	0.014	-0.072	0.030	3.35	0.034	OK	0.89
NE+3.45	15	DER16	0.007	-0.030	0.022	3.45	0.035	OK	0.62

0.896

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	16	DER1	0.042	0.023	0.018	3.35	0.034	OK	0.55
NE+3.45	16	DER1	0.020	0.009	-0.018	3.45	0.035	OK	-0.54
NE+6.80	16	DER2	0.043	-0.021	0.018	3.35	0.034	OK	0.55
NE+3.45	16	DER2	0.020	-0.008	-0.020	3.45	0.035	OK	-0.59
NE+6.80	16	DER3	-0.045	-0.023	0.020	3.35	0.034	OK	0.59
NE+3.45	16	DER3	-0.020	-0.009	-0.020	3.45	0.035	OK	-0.57
NE+6.80	16	DER4	-0.046	0.021	0.020	3.35	0.034	OK	0.59
NE+3.45	16	DER4	-0.021	0.008	-0.036	3.45	0.035	OK	-1.04
NE+6.80	16	DER5	0.010	0.073	0.031	3.35	0.034	OK	0.92
NE+3.45	16	DER5	0.005	0.029	-0.031	3.45	0.035	OK	-0.90
NE+6.80	16	DER6	-0.016	0.072	0.031	3.35	0.034	OK	0.92
NE+3.45	16	DER6	-0.007	0.029	-0.031	3.45	0.035	OK	-0.90
NE+6.80	16	DER7	-0.013	-0.073	0.031	3.35	0.034	OK	0.92
NE+3.45	16	DER7	-0.006	-0.029	-0.031	3.45	0.035	OK	-0.89
NE+6.80	16	DER8	0.014	-0.072	0.031	3.35	0.034	OK	0.92
NE+3.45	16	DER8	0.007	-0.029	-0.013	3.45	0.035	OK	-0.38
NE+6.80	16	DER9	0.043	0.023	0.019	3.35	0.034	OK	0.56
NE+3.45	16	DER9	0.020	0.009	-0.019	3.45	0.035	OK	-0.54
NE+6.80	16	DER10	0.044	-0.021	0.019	3.35	0.034	OK	0.56
NE+3.45	16	DER10	0.020	-0.008	-0.020	3.45	0.035	OK	-0.58
NE+6.80	16	DER11	-0.045	-0.023	0.020	3.35	0.034	OK	0.59
NE+3.45	16	DER11	-0.020	-0.009	-0.020	3.45	0.035	OK	-0.57
NE+6.80	16	DER12	-0.046	0.021	0.020	3.35	0.034	OK	0.59
NE+3.45	16	DER12	-0.021	0.008	-0.036	3.45	0.035	OK	-1.04
NE+6.80	16	DER13	0.011	0.073	0.031	3.35	0.034	OK	0.92
NE+3.45	16	DER13	0.005	0.029	-0.031	3.45	0.035	OK	-0.90
NE+6.80	16	DER14	-0.016	0.072	0.031	3.35	0.034	OK	0.92
NE+3.45	16	DER14	-0.007	0.029	-0.031	3.45	0.035	OK	-0.90
NE+6.80	16	DER15	-0.013	-0.073	0.031	3.35	0.034	OK	0.92
NE+3.45	16	DER15	-0.005	-0.029	-0.031	3.45	0.035	OK	-0.89
NE+6.80	16	DER16	0.014	-0.072	0.031	3.35	0.034	OK	0.92
NE+3.45	16	DER16	0.007	-0.029	0.021	3.45	0.035	OK	0.61

0.924

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	17	DER1	0.042	0.020	0.018	3.35	0.034	OK	0.53
NE+3.45	17	DER1	0.020	0.009	-0.018	3.45	0.035	OK	-0.52
NE+6.80	17	DER2	0.043	-0.019	0.018	3.35	0.034	OK	0.54
NE+3.45	17	DER2	0.020	-0.008	-0.020	3.45	0.035	OK	-0.57
NE+6.80	17	DER3	-0.045	-0.020	0.019	3.35	0.034	OK	0.57
NE+3.45	17	DER3	-0.020	-0.009	-0.019	3.45	0.035	OK	-0.56
NE+6.80	17	DER4	-0.046	0.019	0.019	3.35	0.034	OK	0.57
NE+3.45	17	DER4	-0.021	0.008	-0.031	3.45	0.035	OK	-0.90
NE+6.80	17	DER5	0.010	0.066	0.026	3.35	0.034	OK	0.79
NE+3.45	17	DER5	0.005	0.029	-0.027	3.45	0.035	OK	-0.78
NE+6.80	17	DER6	-0.016	0.065	0.027	3.35	0.034	OK	0.80
NE+3.45	17	DER6	-0.007	0.028	-0.026	3.45	0.035	OK	-0.77
NE+6.80	17	DER7	-0.013	-0.066	0.027	3.35	0.034	OK	0.79
NE+3.45	17	DER7	-0.006	-0.028	-0.026	3.45	0.035	OK	-0.77
NE+6.80	17	DER8	0.014	-0.065	0.026	3.35	0.034	OK	0.79
NE+3.45	17	DER8	0.007	-0.028	-0.013	3.45	0.035	OK	-0.37
NE+6.80	17	DER9	0.043	0.020	0.018	3.35	0.034	OK	0.53
NE+3.45	17	DER9	0.020	0.009	-0.018	3.45	0.035	OK	-0.52
NE+6.80	17	DER10	0.044	-0.019	0.018	3.35	0.034	OK	0.54
NE+3.45	17	DER10	0.020	-0.008	-0.019	3.45	0.035	OK	-0.56
NE+6.80	17	DER11	-0.045	-0.020	0.019	3.35	0.034	OK	0.57
NE+3.45	17	DER11	-0.020	-0.009	-0.019	3.45	0.035	OK	-0.56
NE+6.80	17	DER12	-0.021	0.008	-0.031	3.45	0.035	OK	-0.90
NE+3.45	17	DER12	-0.021	0.008	-0.031	3.45	0.035	OK	-0.90
NE+6.80	17	DER13	0.011	0.066	0.026	3.35	0.034	OK	0.79
NE+3.45	17	DER13	0.005	0.029	-0.027	3.45	0.035	OK	-0.78
NE+6.80	17	DER14	-0.016	0.065	0.027	3.35	0.034	OK	0.79
NE+3.45	17	DER14	-0.007	0.028	-0.026	3.45	0.035	OK	-0.77
NE+6.80	17	DER15	-0.013	-0.066	0.027	3.35	0.034	OK	0.79
NE+3.45	17	DER15	-0.005	-0.028	-0.026	3.45	0.035	OK	-0.77
NE+6.80	17	DER16	0.014	-0.065	0.026	3.35	0.034	OK	0.79
NE+3.45	17	DER16	0.007	-0.028	0.020	3.45	0.035	OK	0.59

0.796

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	18	DER1	0.042	0.021	0.018	3.35	0.034	OK	0.54
NE+3.45	18	DER1	0.020	0.009	-0.018	3.45	0.035	OK	-0.53
NE+6.80	18	DER2	0.043	-0.020	0.018	3.35	0.034	OK	0.54
NE+3.45	18	DER2	0.020	-0.008	-0.020	3.45	0.035	OK	-0.57
NE+6.80	18	DER3	-0.045	-0.021	0.019	3.35	0.034	OK	0.58
NE+3.45	18	DER3	-0.020	-0.009	-0.020	3.45	0.035	OK	-0.57
NE+6.80	18	DER4	-0.046	0.020	0.019	3.35	0.034	OK	0.58
NE+3.45	18	DER4	-0.021	0.008	-0.033	3.45	0.035	OK	-0.95
NE+6.80	18	DER5	0.010	0.068	0.029	3.35	0.034	OK	0.86
NE+3.45	18	DER5	0.005	0.028	-0.029	3.45	0.035	OK	-0.85
NE+6.80	18	DER6	-0.016	0.068	0.029	3.35	0.034	OK	0.87
NE+3.45	18	DER6	-0.007	0.027	-0.029	3.45	0.035	OK	-0.83
NE+6.80	18	DER7	-0.013	-0.068	0.029	3.35	0.034	OK	0.87
NE+3.45	18	DER7	-0.006	-0.027	-0.029	3.45	0.035	OK	-0.84
NE+6.80	18	DER8	0.014	-0.068	0.029	3.35	0.034	OK	0.86
NE+3.45	18	DER8	0.007	-0.027	-0.014	3.45	0.035	OK	-0.39
NE+6.80	18	DER9	0.042	0.021	0.018	3.35	0.034	OK	0.54
NE+3.45	18	DER9	0.020	0.009	-0.018	3.45	0.035	OK	-0.53
NE+6.80	18	DER10	0.043	-0.020	0.018	3.35	0.034	OK	0.55
NE+3.45	18	DER10	0.020	-0.008	-0.019	3.45	0.035	OK	-0.56
NE+6.80	18	DER11	-0.045	-0.021	0.019	3.35	0.034	OK	0.57
NE+3.45	18	DER11	-0.020	-0.009	-0.019	3.45	0.035	OK	-0.56
NE+6.80	18	DER12	-0.046	0.020	0.019	3.35	0.034	OK	0.57
NE+3.45	18	DER12	-0.021	0.008	-0.033	3.45	0.035	OK	-0.95
NE+6.80	18	DER13	0.011	0.068	0.029	3.35	0.034	OK	0.86
NE+3.45	18	DER13	0.005	0.027	-0.029	3.45	0.035	OK	-0.85
NE+6.80	18	DER14	-0.016	0.068	0.029	3.35	0.034	OK	0.87
NE+3.45	18	DER14	-0.007	0.027	-0.029	3.45	0.035	OK	-0.83
NE+6.80	18	DER15	-0.013	-0.068	0.029	3.35	0.034	OK	0.87
NE+3.45	18	DER15	-0.005	-0.027	-0.029	3.45	0.035	OK	-0.84
NE+6.80	18	DER16	0.014	-0.068	0.029	3.35	0.034	OK	0.86
NE+3.45	18	DER16	0.007	-0.027	0.020	3.45	0.035	OK	0.57

0.868

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	19	DER1	0.042	0.019	0.017	3.35	0.034	OK	0.52
NE+3.45	19	DER1	0.020	0.008	-0.018	3.45	0.035	OK	-0.52
NE+6.80	19	DER2	0.043	-0.018	0.018	3.35	0.034	OK	0.53
NE+3.45	19	DER2	0.020	-0.008	-0.019	3.45	0.035	OK	-0.55
NE+6.80	19	DER3	-0.045	-0.019	0.019	3.35	0.034	OK	0.56
NE+3.45	19	DER3	-0.020	-0.008	-0.019	3.45	0.035	OK	-0.56
NE+6.80	19	DER4	-0.046	0.018	0.019	3.35	0.034	OK	0.56
NE+3.45	19	DER4	-0.021	0.008	-0.028	3.45	0.035	OK	-0.82
NE+6.80	19	DER5	0.010	0.062	0.025	3.35	0.034	OK	0.75
NE+3.45	19	DER5	0.005	0.027	-0.026	3.45	0.035	OK	-0.75
NE+6.80	19	DER6	-0.016	0.062	0.026	3.35	0.034	OK	0.76
NE+3.45	19	DER6	-0.007	0.026	-0.025	3.45	0.035	OK	-0.73
NE+6.80	19	DER7	-0.013	-0.062	0.025	3.35	0.034	OK	0.76
NE+3.45	19	DER7	-0.006	-0.026	-0.025	3.45	0.035	OK	-0.74
NE+6.80	19	DER8	0.014	-0.062	0.025	3.35	0.034	OK	0.76
NE+3.45	19	DER8	0.007	-0.026	-0.013	3.45	0.035	OK	-0.39
NE+6.80	19	DER9	0.042	0.019	0.018	3.35	0.034	OK	0.52
NE+3.45	19	DER9	0.020	0.008	-0.018	3.45	0.035	OK	-0.52
NE+6.80	19	DER10	0.043	-0.018	0.018	3.35	0.034	OK	0.53
NE+3.45	19	DER10	0.020	-0.008	-0.019	3.45	0.035	OK	-0.54
NE+6.80	19	DER11	-0.044	-0.019	0.019	3.35	0.034	OK	0.56
NE+3.45	19	DER11	-0.020	-0.008	-0.019	3.45	0.035	OK	-0.55
NE+6.80	19	DER12	-0.045	0.018	0.019	3.35	0.034	OK	0.56
NE+3.45	19	DER12	-0.021	0.008	-0.029	3.45	0.035	OK	-0.83
NE+6.80	19	DER13	0.010	0.062	0.025	3.35	0.034	OK	0.75
NE+3.45	19	DER13	0.005	0.027	-0.026	3.45	0.035	OK	-0.75
NE+6.80	19	DER14	-0.016	0.062	0.026	3.35	0.034	OK	0.76
NE+3.45	19	DER14	-0.007	0.026	-0.025	3.45	0.035	OK	-0.73
NE+6.80	19	DER15	-0.013	-0.062	0.025	3.35	0.034	OK	0.76
NE+3.45	19	DER15	-0.005	-0.026	-0.025	3.45	0.035	OK	-0.74
NE+6.80	19	DER16	0.014	-0.062	0.025	3.35	0.034	OK	0.76
NE+3.45	19	DER16	0.007	-0.026	0.019	3.45	0.035	OK	0.55

0.764

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	20	DER1	0.042	0.020	0.018	3.35	0.034	OK	0.53
NE+3.45	20	DER1	0.020	0.008	-0.018	3.45	0.035	OK	-0.53
NE+6.80	20	DER2	0.043	-0.019	0.018	3.35	0.034	OK	0.54
NE+3.45	20	DER2	0.020	-0.008	-0.019	3.45	0.035	OK	-0.55
NE+6.80	20	DER3	-0.045	-0.020	0.019	3.35	0.034	OK	0.57
NE+3.45	20	DER3	-0.020	-0.008	-0.020	3.45	0.035	OK	-0.57
NE+6.80	20	DER4	-0.046	0.019	0.019	3.35	0.034	OK	0.57
NE+3.45	20	DER4	-0.021	0.008	-0.030	3.45	0.035	OK	-0.88
NE+6.80	20	DER5	0.010	0.065	0.028	3.35	0.034	OK	0.82
NE+3.45	20	DER5	0.005	0.026	-0.028	3.45	0.035	OK	-0.82
NE+6.80	20	DER6	-0.016	0.065	0.028	3.35	0.034	OK	0.84
NE+3.45	20	DER6	-0.007	0.025	-0.028	3.45	0.035	OK	-0.80
NE+6.80	20	DER7	-0.013	-0.065	0.028	3.35	0.034	OK	0.83
NE+3.45	20	DER7	-0.006	-0.025	-0.028	3.45	0.035	OK	-0.81
NE+6.80	20	DER8	0.014	-0.064	0.028	3.35	0.034	OK	0.83
NE+3.45	20	DER8	0.007	-0.025	-0.014	3.45	0.035	OK	-0.41
NE+6.80	20	DER9	0.042	0.020	0.018	3.35	0.034	OK	0.53
NE+3.45	20	DER9	0.020	0.008	-0.018	3.45	0.035	OK	-0.53
NE+6.80	20	DER10	0.043	-0.019	0.018	3.35	0.034	OK	0.54
NE+3.45	20	DER10	0.020	-0.008	-0.019	3.45	0.035	OK	-0.55
NE+6.80	20	DER11	-0.044	-0.020	0.019	3.35	0.034	OK	0.56
NE+3.45	20	DER11	-0.020	-0.008	-0.019	3.45	0.035	OK	-0.56
NE+6.80	20	DER12	-0.045	0.019	0.019	3.35	0.034	OK	0.57
NE+3.45	20	DER12	-0.021	0.008	-0.030	3.45	0.035	OK	-0.88
NE+6.80	20	DER13	0.010	0.065	0.028	3.35	0.034	OK	0.82
NE+3.45	20	DER13	0.005	0.026	-0.028	3.45	0.035	OK	-0.82
NE+6.80	20	DER14	-0.016	0.065	0.028	3.35	0.034	OK	0.84
NE+3.45	20	DER14	-0.007	0.025	-0.028	3.45	0.035	OK	-0.80
NE+6.80	20	DER15	-0.013	-0.065	0.028	3.35	0.034	OK	0.83
NE+3.45	20	DER15	-0.005	-0.025	-0.028	3.45	0.035	OK	-0.81
NE+6.80	20	DER16	0.014	-0.065	0.028	3.35	0.034	OK	0.83
NE+3.45	20	DER16	0.007	-0.025	0.018	3.45	0.035	OK	0.53

0.837

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	21	DER1	0.042	0.017	0.017	3.35	0.034	OK	0.51
NE+3.45	21	DER1	0.020	0.007	-0.018	3.45	0.035	OK	-0.52
NE+6.80	21	DER2	0.043	-0.018	0.018	3.35	0.034	OK	0.52
NE+3.45	21	DER2	0.020	-0.007	-0.018	3.45	0.035	OK	-0.54

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	22	DER1	0.042	0.018	0.017	3.35	0.034	OK	0.52
NE+3.45	22	DER1	0.020	0.007	-0.018	3.45	0.035	OK	-0.52
NE+6.80	22	DER2	0.043	-0.018	0.018	3.35	0.034	OK	0.53
NE+3.45	22	DER2	0.020	-0.007	-0.019	3.45	0.035	OK	-0.54

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	23	DER1	0.042	0.015	0.017	3.35	0.034	OK	0.50
NE+3.45	23	DER1	0.020	0.007	-0.018	3.45	0.035	OK	-0.51
NE+6.80	23	DER2	0.043	-0.016	0.017	3.35	0.034	OK	0.51
NE+3.45	23	DER2	0.020	-0.007	-0.018	3.45	0.035	OK	-0.52

NE+6.80	21	DER3	-0.044	-0.018	0.018	3.35	0.034	OK	0.55
NE+3.45	21	DER3	-0.020	-0.007	-0.019	3.45	0.035	OK	-0.55
NE+6.80	21	DER4	-0.046	0.018	0.019	3.35	0.034	OK	0.56
NE+3.45	21	DER4	-0.021	0.007	-0.026	3.45	0.035	OK	-0.75
NE+6.80	21	DER5	0.010	0.058	0.024	3.35	0.034	OK	0.72
NE+3.45	21	DER5	0.005	0.025	-0.025	3.45	0.035	OK	-0.72
NE+6.80	21	DER6	-0.016	0.058	0.024	3.35	0.034	OK	0.73
NE+3.45	21	DER6	-0.007	0.025	-0.024	3.45	0.035	OK	-0.69
NE+6.80	21	DER7	-0.013	-0.058	0.024	3.35	0.034	OK	0.72
NE+3.45	21	DER7	-0.006	-0.024	-0.024	3.45	0.035	OK	-0.71
NE+6.80	21	DER8	0.014	-0.058	0.024	3.35	0.034	OK	0.72
NE+3.45	21	DER8	0.007	-0.025	-0.014	3.45	0.035	OK	-0.41
NE+6.80	21	DER9	0.042	0.017	0.017	3.35	0.034	OK	0.52
NE+3.45	21	DER9	0.020	0.007	-0.018	3.45	0.035	OK	-0.52
NE+6.80	21	DER10	0.043	-0.018	0.018	3.35	0.034	OK	0.53
NE+3.45	21	DER10	0.020	-0.007	-0.018	3.45	0.035	OK	-0.53
NE+6.80	21	DER11	-0.044	-0.018	0.018	3.35	0.034	OK	0.55
NE+3.45	21	DER11	-0.020	-0.007	-0.019	3.45	0.035	OK	-0.55
NE+6.80	21	DER12	-0.045	0.018	0.019	3.35	0.034	OK	0.55
NE+3.45	21	DER12	-0.021	0.007	-0.026	3.45	0.035	OK	-0.76
NE+6.80	21	DER13	0.010	0.058	0.024	3.35	0.034	OK	0.72
NE+3.45	21	DER13	0.005	0.025	-0.025	3.45	0.035	OK	-0.72
NE+6.80	21	DER14	-0.016	0.058	0.024	3.35	0.034	OK	0.73
NE+3.45	21	DER14	-0.007	0.025	-0.024	3.45	0.035	OK	-0.69
NE+6.80	21	DER15	-0.012	-0.058	0.024	3.35	0.034	OK	0.72
NE+3.45	21	DER15	-0.005	-0.025	-0.024	3.45	0.035	OK	-0.71
NE+6.80	21	DER16	0.014	-0.058	0.024	3.35	0.034	OK	0.72
NE+3.45	21	DER16	0.007	-0.025	0.018	3.45	0.035	OK	0.52

0.730

NE+6.80	22	DER3	-0.044	-0.018	0.018	3.35	0.034	OK	0.55
NE+3.45	22	DER3	-0.020	-0.007	-0.019	3.45	0.035	OK	-0.56
NE+6.80	22	DER4	-0.045	0.018	0.019	3.35	0.034	OK	0.56
NE+3.45	22	DER4	-0.021	0.007	-0.027	3.45	0.035	OK	-0.78
NE+6.80	22	DER5	0.010	0.060	0.026	3.35	0.034	OK	0.77
NE+3.45	22	DER5	0.005	0.024	-0.027	3.45	0.035	OK	-0.77
NE+6.80	22	DER6	-0.016	0.060	0.026	3.35	0.034	OK	0.78
NE+3.45	22	DER6	-0.007	0.024	-0.026	3.45	0.035	OK	-0.74
NE+6.80	22	DER7	-0.013	-0.060	0.026	3.35	0.034	OK	0.78
NE+3.45	22	DER7	-0.006	-0.023	-0.026	3.45	0.035	OK	-0.76
NE+6.80	22	DER8	0.014	-0.060	0.026	3.35	0.034	OK	0.78
NE+3.45	22	DER8	0.007	-0.024	-0.015	3.45	0.035	OK	-0.43
NE+6.80	22	DER9	0.042	0.018	0.017	3.35	0.034	OK	0.52
NE+3.45	22	DER9	0.020	0.007	-0.018	3.45	0.035	OK	-0.53
NE+6.80	22	DER10	0.043	-0.018	0.018	3.35	0.034	OK	0.53
NE+3.45	22	DER10	0.020	-0.007	-0.018	3.45	0.035	OK	-0.53
NE+6.80	22	DER11	-0.044	-0.018	0.018	3.35	0.034	OK	0.55
NE+3.45	22	DER11	-0.020	-0.007	-0.019	3.45	0.035	OK	-0.55
NE+6.80	22	DER12	-0.045	0.018	0.019	3.35	0.034	OK	0.56
NE+3.45	22	DER12	-0.021	0.007	-0.027	3.45	0.035	OK	-0.79
NE+6.80	22	DER13	0.010	0.060	0.026	3.35	0.034	OK	0.77
NE+3.45	22	DER13	0.005	0.024	-0.027	3.45	0.035	OK	-0.77
NE+6.80	22	DER14	-0.016	0.060	0.026	3.35	0.034	OK	0.78
NE+3.45	22	DER14	-0.007	0.024	-0.025	3.45	0.035	OK	-0.74
NE+6.80	22	DER15	-0.012	-0.060	0.026	3.35	0.034	OK	0.77
NE+3.45	22	DER15	-0.005	-0.023	-0.026	3.45	0.035	OK	-0.76
NE+6.80	22	DER16	0.014	-0.060	0.026	3.35	0.034	OK	0.78
NE+3.45	22	DER16	0.007	-0.024	0.017	3.45	0.035	OK	0.50

0.781

NE+6.80	23	DER3	-0.044	-0.015	0.018	3.35	0.034	OK	0.53
NE+3.45	23	DER3	-0.020	-0.007	-0.019	3.45	0.035	OK	-0.54
NE+6.80	23	DER4	-0.045	0.016	0.018	3.35	0.034	OK	0.54
NE+3.45	23	DER4	-0.021	0.007	-0.021	3.45	0.035	OK	-0.61
NE+6.80	23	DER5	0.010	0.051	0.020	3.35	0.034	OK	0.61
NE+3.45	23	DER5	0.005	0.023	-0.022	3.45	0.035	OK	-0.63
NE+6.80	23	DER6	-0.016	0.051	0.021	3.35	0.034	OK	0.63
NE+3.45	23	DER6	-0.007	0.023	-0.020	3.45	0.035	OK	-0.59
NE+6.80	23	DER7	-0.013	-0.051	0.021	3.35	0.034	OK	0.62
NE+3.45	23	DER7	-0.006	-0.023	-0.021	3.45	0.035	OK	-0.61
NE+6.80	23	DER8	0.013	-0.051	0.021	3.35	0.034	OK	0.62
NE+3.45	23	DER8	0.007	-0.023	-0.015	3.45	0.035	OK	-0.43
NE+6.80	23	DER9	0.042	0.015	0.017	3.35	0.034	OK	0.50
NE+3.45	23	DER9	0.020	0.007	-0.018	3.45	0.035	OK	-0.51
NE+6.80	23	DER10	0.043	-0.016	0.017	3.35	0.034	OK	0.51
NE+3.45	23	DER10	0.020	-0.007	-0.018	3.45	0.035	OK	-0.51
NE+6.80	23	DER11	-0.044	-0.015	0.018	3.35	0.034	OK	0.53
NE+3.45	23	DER11	-0.020	-0.007	-0.019	3.45	0.035	OK	-0.54
NE+6.80	23	DER12	-0.045	0.016	0.018	3.35	0.034	OK	0.54
NE+3.45	23	DER12	-0.021	0.007	-0.021	3.45	0.035	OK	-0.61
NE+6.80	23	DER13	0.010	0.051	0.020	3.35	0.034	OK	0.61
NE+3.45	23	DER13	0.005	0.023	-0.022	3.45	0.035	OK	-0.62
NE+6.80	23	DER14	-0.016	0.051	0.021	3.35	0.034	OK	0.63
NE+3.45	23	DER14	-0.007	0.023	-0.020	3.45	0.035	OK	-0.59
NE+6.80	23	DER15	-0.012	-0.051	0.021	3.35	0.034	OK	0.62
NE+3.45	23	DER15	-0.005	-0.023	-0.021	3.45	0.035	OK	-0.61
NE+6.80	23	DER16	0.014	-0.051	0.021	3.35	0.034	OK	0.62
NE+3.45	23	DER16	0.007	-0.023	0.017	3.45	0.035	OK	0.48

0.627

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	24	DER1	0.042	0.014	0.016	3.35	0.034	OK	0.49
NE+3.45	24	DER1	0.020	0.006	-0.017	3.45	0.035	OK	-0.50
NE+6.80	24	DER2	0.043	-0.015	0.017	3.35	0.034	OK	0.50
NE+3.45	24	DER2	0.020	-0.007	-0.018	3.45	0.035	OK	-0.51
NE+6.80	24	DER3	-0.044	-0.014	0.018	3.35	0.034	OK	0.53
NE+3.45	24	DER3	-0.020	-0.006	-0.019	3.45	0.035	OK	-0.54
NE+6.80	24	DER4	-0.045	0.015	0.018	3.35	0.034	OK	0.54
NE+3.45	24	DER4	-0.021	0.007	-0.019	3.45	0.035	OK	-0.54
NE+6.80	24	DER5	0.010	0.048	0.019	3.35	0.034	OK	0.55
NE+3.45	24	DER5	0.005	0.022	-0.020	3.45	0.035	OK	-0.58
NE+6.80	24	DER6	-0.016	0.048	0.019	3.35	0.034	OK	0.57
NE+3.45	24	DER6	-0.007	0.022	-0.018	3.45	0.035	OK	-0.53
NE+6.80	24	DER7	-0.013	-0.048	0.019	3.35	0.034	OK	0.56
NE+3.45	24	DER7	-0.006	-0.022	-0.019	3.45	0.035	OK	-0.56
NE+6.80	24	DER8	0.013	-0.048	0.019	3.35	0.034	OK	0.56
NE+3.45	24	DER8	0.007	-0.022	-0.015	3.45	0.035	OK	-0.43
NE+6.80	24	DER9	0.042	0.014	0.016	3.35	0.034	OK	0.49
NE+3.45	24	DER9	0.020	0.006	-0.017	3.45	0.035	OK	-0.51
NE+6.80	24	DER10	0.043	-0.015	0.017	3.35	0.034	OK	0.51
NE+3.45	24	DER10	0.020	-0.007	-0.017	3.45	0.035	OK	-0.50
NE+6.80	24	DER11	-0.044	-0.014	0.017	3.35	0.034	OK	0.52
NE+3.45	24	DER11	-0.020	-0.006	-0.018	3.45	0.035	OK	-0.53
NE+6.80	24	DER12	-0.045	0.015	0.018	3.35	0.034	OK	0.53
NE+3.45	24	DER12	-0.021	0.007	-0.019	3.45	0.035	OK	-0.55
NE+6.80	24	DER13	0.010	0.048	0.019	3.35	0.034	OK	0.55
NE+3.45	24	DER13	0.005	0.022	-0.020	3.45	0.035	OK	-0.57
NE+6.80	24	DER14	-0.016	0.048	0.019	3.35	0.034	OK	0.57
NE+3.45	24	DER14	-0.007	0.022	-0.018	3.45	0.035	OK	-0.53
NE+6.80	24	DER15	-0.012	-0.048	0.019	3.35	0.034	OK	0.56
NE+3.45	24	DER15	-0.005	-0.022	-0.019	3.45	0.035	OK	-0.56
NE+6.80	24	DER16	0.014	-0.048	0.019	3.35	0.034	OK	0.56
NE+3.45	24	DER16	0.007	-0.022	0.016	3.45	0.035	OK	0.47

0.573

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	25	DER1	0.042	0.013	0.016	3.35	0.034	OK	0.48
NE+3.45	25	DER1	0.020	0.006	-0.017	3.45	0.035	OK	-0.50
NE+6.80	25	DER2	0.043	-0.015	0.017	3.35	0.034	OK	0.50
NE+3.45	25	DER2	0.020	-0.007	-0.017	3.45	0.035	OK	-0.51
NE+6.80	25	DER3	-0.044	-0.013	0.018	3.35	0.034	OK	0.52
NE+3.45	25	DER3	-0.020	-0.006	-0.018	3.45	0.035	OK	-0.54
NE+6.80	25	DER4	-0.045	0.014	0.018	3.35	0.034	OK	0.53
NE+3.45	25	DER4	-0.021	0.007	-0.017	3.45	0.035	OK	-0.50
NE+6.80	25	DER5	0.010	0.045	0.017	3.35	0.034	OK	0.52
NE+3.45	25	DER5	0.005	0.021	-0.019	3.45	0.035	OK	-0.55
NE+6.80	25	DER6	-0.016	0.046	0.018	3.35	0.034	OK	0.55
NE+3.45	25	DER6	-0.007	0.021	-0.017	3.45	0.035	OK	-0.50
NE+6.80	25	DER7	-0.013	-0.046	0.018	3.35	0.034	OK	0.53
NE+3.45	25	DER7	-0.006	-0.021	-0.018	3.45	0.035	OK	-0.53
NE+6.80	25	DER8	0.013	-0.046	0.018	3.35	0.034	OK	0.54
NE+3.45	25	DER8	0.007	-0.021	-0.015	3.45	0.035	OK	-0.44
NE+6.80	25	DER9	0.042	0.013	0.016	3.35	0.034	OK	0.49
NE+3.45	25	DER9	0.020	0.006	-0.017	3.45	0.035	OK	-0.50
NE+6.80	25	DER10	0.043	-0.015	0.017	3.35	0.034	OK	0.50
NE+3.45	25	DER10	0.020	-0.007	-0.017	3.45	0.035	OK	-0.50
NE+6.80	25	DER11	-0.044	-0.013	0.017	3.35	0.034	OK	0.52
NE+3.45	25	DER11	-0.020	-0.006	-0.018	3.45	0.035	OK	-0.53
NE+6.80	25	DER12	-0.045	0.014	0.018	3.35	0.034	OK	0.53
NE+3.45	25	DER12	-0.021	0.007	-0.017	3.45	0.035	OK	-0.50
NE+6.80	25	DER13	0.010	0.045	0.018	3.35	0.034	OK	0.52
NE+3.45	25	DER13	0.005	0.021	-0.019	3.45	0.035	OK	-0.55
NE+6.80	25	DER14	-0.016	0.046	0.018	3.35	0.034	OK	0.54
NE+3.45	25	DER14	-0.007	0.021	-0.017	3.45	0.035	OK	-0.50
NE+6.80	25	DER15	-0.012	-0.046	0.018	3.35	0.034	OK	0.53
NE+3.45	25	DER15	-0.005	-0.021	-0.018	3.45	0.035	OK	-0.53
NE+6.80	25	DER16	0.014	-0.046	0.018	3.35	0.034	OK	0.54
NE+3.45	25	DER16	0.007	-0.021	0.016	3.45	0.035	OK	0.45

0.545

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	26	DER1	0.042	0.012	0.016	3.35	0.034	OK	0.48
NE+3.45	26	DER1	0.020	0.006	-0.017	3.45	0.035	OK	-0.50
NE+6.80	26	DER2	0.043	-0.014	0.017	3.35	0.034	OK	0.50
NE+3.45	26	DER2	0.020	-0.007	-0.017	3.45	0.035	OK	-0.50
NE+6.80	26	DER3	-0.044	-0.012	0.017	3.35	0.034	OK	0.52
NE+3.45	26	DER3	-0.020	-0.006	-0.018	3.45	0.035	OK	-0.54
NE+6.80	26	DER4	-0.045	0.014	0.018	3.35	0.034	OK	0.53
NE+3.45	26	DER4	-0.021	0.007	-0.016	3.45	0.035	OK	-0.46
NE+6.80	26	DER5	0.010	0.043	0.017	3.35	0.034	OK	0.50
NE+3.45	26	DER5	0.005	0.020	-0.018	3.45	0.035	OK	-0.53
NE+6.80	26	DER6	-0.016	0.044	0.017	3.35	0.034	OK	0.52
NE+3.45	26	DER6	-0.007	0.021	-0.016	3.45	0.035	OK	-0.48
NE+6.80	26	DER7	-0.013	-0.044	0.017	3.35	0.034	OK	0.51
NE+3.45	26	DER7	-0.006	-0.020	-0.018	3.45	0.035	OK	-0.51
NE+6.80	26	DER8	0.013	-0.044	0.017	3.35	0.034	OK	0.51
NE+3.45	26	DER8	0.007	-0.021	-0.015	3.45	0.035	OK	-0.45
NE+6.80	26	DER9	0.042	0.012	0.016	3.35	0.034	OK	0.49
NE+3.45	26	DER9	0.020	0.006	-0.017	3.45	0.035	OK	-0.50
NE+6.80	26	DER10	0.043	-0.014	0.017	3.35	0.034	OK	0.50
NE+3.45	26	DER10	0.020	-0.007	-0.017	3.45	0.035	OK	-0.49
NE+6.80	26	DER11	-0.044	-0.012	0.017	3.35	0.034	OK	0.52
NE+3.45	26	DER11	-0.020	-0.006	-0.018	3.45	0.035	OK	-0.53
NE+6.80	26	DER12	-0.045	0.014	0.018	3.35	0.034	OK	0.53
NE+3.45	26	DER12	-0.021	0.007	-0.016	3.45	0.035	OK	-0.46
NE+6.80	26	DER13	0.010	0.043	0.017	3.35	0.034	OK	0.50
NE+3.45	26	DER13	0.005	0.020	-0.018	3.45	0.035	OK	-0.53
NE+6.80	26	DER14	-0.016	0.044	0.017	3.35	0.034	OK	0.52
NE+3.45	26	DER14	-0.007	0.021	-0.016	3.45	0.035	OK	-0.47
NE+6.80	26	DER15	-0.012	-0.044	0.017	3.35	0.034	OK	0.51
NE+3.45	26	DER15	-0.005	-0.020	-0.018	3.45	0.035	OK	-0.51
NE+6.80	26	DER16	0.014	-0.044	0.017	3.35	0.034	OK	0.51
NE+3.45	26	DER16	0.007	-0.021	0.015	3.45	0.035	OK	0.44

0.532

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	28	DER1	0.043	0.023	0.019	3.35	0.034	OK	0.55
NE+3.45	28	DER1	0.020	0.010	-0.018	3.45	0.035	OK	-0.52
NE+6.80	28	DER2	0.043	-0.020	0.018	3.35	0.034	OK	0.54
NE+3.45	28	DER2	0.020	-0.008	-0.021	3.45	0.035	OK	-0.61
NE+6.80	28	DER3	-0.046	-0.023	0.020	3.35	0.034	OK	0.60
NE+3.45	28	DER3	-0.021	-0.010	-0.019	3.45	0.035	OK	-0.56
NE+6.80	28	DER4	-0.046	0.021	0.020	3.35	0.034	OK	0.59
NE+3.45	28	DER4	-0.021	0.008	-0.036	3.45	0.035	OK	-1.04
NE+6.80	28	DER5	0.012	0.073	0.030	3.35	0.034	OK	0.89
NE+3.45	28	DER5	0.006	0.031	-0.030	3.45	0.035	OK	-0.86
NE+6.80	28	DER6	-0.015	0.072	0.030	3.35	0.034	OK	0.89
NE+3.45	28	DER6	-0.007	0.030	-0.030	3.45	0.035	OK	-0.88
NE+6.80	28	DER7	-0.015	-0.072	0.030	3.35	0.034	OK	0.90
NE+3.45	28	DER7	-0.006	-0.030	-0.029	3.45	0.035	OK	-0.84
NE+6.80	28	DER8	0.012	-0.072	0.029	3.35	0.034	OK	0.88
NE+3.45	28	DER8	0.006	-0.030	-0.013	3.45	0.035	OK	-0.37
NE+6.80	28	DER9	0.043	0.023	0.019	3.35	0.034	OK	0.56
NE+3.45	28	DER9	0.020	0.010	-0.018	3.45	0.035	OK	-0.52
NE+6.80	28	DER10	0.043	-0.021	0.018	3.35	0.034	OK	0.55
NE+3.45	28	DER10	0.020	-0.008	-0.021	3.45	0.035	OK	-0.60
NE+6.80	28	DER11	-0.046	-0.023	0.020	3.35	0.034	OK	0.59
NE+3.45	28	DER11	-0.021	-0.010	-0.019	3.45	0.035	OK	-0.56
NE+6.80	28	DER12	-0.046	0.021	0.020	3.35	0.034	OK	0.59
NE+3.45	28	DER12	-0.021	0.008	-0.036	3.45	0.035	OK	-1.04
NE+6.80	28	DER13	0.012	0.073	0.030	3.35	0.034	OK	0.89
NE+3.45	28	DER13	0.006	0.030	-0.030	3.45	0.035	OK	-0.86
NE+6.80	28	DER14	-0.015	0.072	0.030	3.35	0.034	OK	0.89
NE+3.45	28	DER14	-0.006	0.030	-0.030	3.45	0.035	OK	-0.88
NE+6.80	28	DER15	-0.015	-0.072	0.030	3.35	0.034	OK	0.89
NE+3.45	28	DER15	-0.006	-0.030	-0.029	3.45	0.035	OK	-0.85
NE+6.80	28	DER16	0.012	-0.072	0.030	3.35	0.034	OK	0.88
NE+3.45	28	DER16	0.006	-0.030	0.021	3.45	0.035	OK	0.62

0.895

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	30	DER1	0.043	0.020	0.018	3.35	0.034	OK	0.53
NE+3.45	30	DER1	0.020	0.009	-0.017	3.45	0.035	OK	-0.51
NE+6.80	30	DER2	0.043	-0.019	0.018	3.35	0.034	OK	0.53
NE+3.45	30	DER2	0.020	-0.008	-0.020	3.45	0.035	OK	-0.58
NE+6.80	30	DER3	-0.046	-0.020	0.019	3.35	0.034	OK	0.58
NE+3.45	30	DER3	-0.021	-0.009	-0.019	3.45	0.035	OK	-0.55
NE+6.80	30	DER4	-0.046	0.019	0.019	3.35	0.034	OK	0.57
NE+3.45	30	DER4	-0.021	0.008	-0.031	3.45	0.035	OK	-0.90
NE+6.80	30	DER5	0.012	0.066	0.026	3.35	0.034	OK	0.79
NE+3.45	30	DER5	0.006	0.029	-0.026	3.45	0.035	OK	-0.77
NE+6.80	30	DER6	-0.015	0.065	0.027	3.35	0.034	OK	0.79
NE+3.45	30	DER6	-0.007	0.028	-0.027	3.45	0.035	OK	-0.78
NE+6.80	30	DER7	-0.015	-0.066	0.027	3.35	0.034	OK	0.80
NE+3.45	30	DER7	-0.006	-0.028	-0.026	3.45	0.035	OK	-0.75
NE+6.80	30	DER8	0.012	-0.065	0.026	3.35	0.034	OK	0.78
NE+3.45	30	DER8	0.006	-0.028	-0.013	3.45	0.035	OK	-0.38
NE+6.80	30	DER9	0.043	0.020	0.018	3.35	0.034	OK	0.54
NE+3.45	30	DER9	0.020	0.009	-0.017	3.45	0.035	OK	-0.51
NE+6.80	30	DER10	0.043	-0.019	0.018	3.35	0.034	OK	0.53
NE+3.45	30	DER10	0.020	-0.008	-0.020	3.45	0.035	OK	-0.57
NE+6.80	30	DER11	-0.045	-0.020	0.019	3.35	0.034	OK	0.57
NE+3.45	30	DER11	-0.021	-0.009	-0.019	3.45	0.035	OK	-0.54
NE+6.80	30	DER12	-0.045	0.019	0.019	3.35	0.034	OK	0.57
NE+3.45	30	DER12	-0.021	0.008	-0.031	3.45	0.035	OK	-0.91
NE+6.80	30	DER13	0.012	0.066	0.026	3.35	0.034	OK	0.79
NE+3.45	30	DER13	0.006	0.029	-0.026	3.45	0.035	OK	-0.77
NE+6.80	30	DER14	-0.015	0.065	0.027	3.35	0.034	OK	0.79
NE+3.45	30	DER14	-0.006	0.028	-0.027	3.45	0.035	OK	-0.78
NE+6.80	30	DER15	-0.015	-0.066	0.027	3.35	0.034	OK	0.80
NE+3.45	30	DER15	-0.006	-0.028	-0.026	3.45	0.035	OK	-0.75
NE+6.80	30	DER16	0.012	-0.065	0.026	3.35	0.034	OK	0.78
NE+3.45	30	DER16	0.006	-0.028	0.020	3.45	0.035	OK	0.58

0.797

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	32	DER1	0.042	0.019	0.018	3.35	0.034	OK	0.52
NE+3.45	32	DER1	0.020	0.008	-0.017	3.45	0.035	OK	-0.50
NE+6.80	32	DER2	0.042	-0.018	0.017	3.35	0.034	OK	0.52
NE+3.45	32	DER2	0.020	-0.008	-0.019	3.45	0.035	OK	-0.56
NE+6.80	32	DER3	-0.045	-0.019	0.019	3.35	0.034	OK	0.56
NE+3.45	32	DER3	-0.021	-0.008	-0.019	3.45	0.035	OK	-0.54
NE+6.80	32	DER4	-0.045	0.018	0.019	3.35	0.034	OK	0.56
NE+3.45	32	DER4	-0.021	0.008	-0.029	3.45	0.035	OK	-0.83
NE+6.80	32	DER5	0.012	0.062	0.025	3.35	0.034	OK	0.75
NE+3.45	32	DER5	0.006	0.027	-0.025	3.45	0.035	OK	-0.74
NE+6.80	32	DER6	-0.015	0.062	0.025	3.35	0.034	OK	0.76
NE+3.45	32	DER6	-0.007	0.026	-0.025	3.45	0.035	OK	-0.74
NE+6.80	32	DER7	-0.015	-0.062	0.026	3.35	0.034	OK	0.76
NE+3.45	32	DER7	-0.006	-0.026	-0.025	3.45	0.035	OK	-0.72
NE+6.80	32	DER8	0.012	-0.062	0.025	3.35	0.034	OK	0.75
NE+3.45	32	DER8	0.006	-0.026	-0.014	3.45	0.035	OK	-0.40
NE+6.80	32	DER9	0.043	0.019	0.018	3.35	0.034	OK	0.52
NE+3.45	32	DER9	0.020	0.008	-0.017	3.45	0.035	OK	-0.50
NE+6.80	32	DER10	0.043	-0.018	0.017	3.35	0.034	OK	0.52
NE+3.45	32	DER10	0.020	-0.008	-0.019	3.45	0.035	OK	-0.55
NE+6.80	32	DER11	-0.045	-0.019	0.019	3.35	0.034	OK	0.56
NE+3.45	32	DER11	-0.021	-0.008	-0.019	3.45	0.035	OK	-0.54
NE+6.80	32	DER12	-0.045	0.018	0.019	3.35	0.034	OK	0.56
NE+3.45	32	DER12	-0.021	0.008	-0.029	3.45	0.035	OK	-0.84
NE+6.80	32	DER13	0.012	0.062	0.025	3.35	0.034	OK	0.75
NE+3.45	32	DER13	0.006	0.027	-0.025	3.45	0.035	OK	-0.74
NE+6.80	32	DER14	-0.014	0.062	0.025	3.35	0.034	OK	0.76
NE+3.45	32	DER14	-0.006	0.026	-0.026	3.45	0.035	OK	-0.74
NE+6.80	32	DER15	-0.014	-0.062	0.025	3.35	0.034	OK	0.76
NE+3.45	32	DER15	-0.006	-0.026	-0.025	3.45	0.035	OK	-0.72
NE+6.80	32	DER16	0.012	-0.062	0.025	3.35	0.034	OK	0.75
NE+3.45	32	DER16	0.006	-0.026	0.019	3.45	0.035	OK	0.55

0.761

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	34	DER1	0.042	0.018	0.017	3.35	0.034	OK	0.51
NE+3.45	34	DER1	0.020	0.007	-0.017	3.45	0.035	OK	-0.50
NE+6.80	34	DER2	0.042	-0.018	0.017	3.35	0.034	OK	0.51
NE+3.45	34	DER2	0.020	-0.007	-0.019	3.45	0.035	OK	-0.55
NE+6.80	34	DER3	-0.045	-0.017	0.018	3.35	0.034	OK	0.55
NE+3.45	34	DER3	-0.021	-0.007	-0.018	3.45	0.035	OK	-0.54

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	36	DER1	0.041	0.015	0.016	3.35	0.034	OK	0.48
NE+3.45	36	DER1	0.020	0.007	-0.016	3.45	0.035	OK	-0.48
NE+6.80	36	DER2	0.041	-0.016	0.016	3.35	0.034	OK	0.49
NE+3.45	36	DER2	0.020	-0.007	-0.018	3.45	0.035	OK	-0.52
NE+6.80	36	DER3	-0.044	-0.015	0.018	3.35	0.034	OK	0.53
NE+3.45	36	DER3	-0.021	-0.007	-0.018	3.45	0.035	OK	-0.52

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	37	DER1	0.041	0.014	0.016	3.35	0.034	OK	0.48
NE+3.45	37	DER1	0.020	0.006	-0.016	3.45	0.035	OK	-0.47
NE+6.80	37	DER2	0.041	-0.015	0.016	3.35	0.034	OK	0.48
NE+3.45	37	DER2	0.020	-0.007	-0.018	3.45	0.035	OK	-0.51
NE+6.80	37	DER3	-0.044	-0.014	0.017	3.35	0.034	OK	0.52
NE+3.45	37	DER3	-0.021	-0.006	-0.018	3.45	0.035	OK	-0.51

NE+6.80	34	DER4	-0.045	0.018	0.018	3.35	0.034	OK	0.55
NE+3.45	34	DER4	-0.021	0.007	-0.026	3.45	0.035	OK	-0.76
NE+6.80	34	DER5	0.012	0.058	0.024	3.35	0.034	OK	0.72
NE+3.45	34	DER5	0.006	0.025	-0.024	3.45	0.035	OK	-0.71
NE+6.80	34	DER6	-0.015	0.058	0.024	3.35	0.034	OK	0.73
NE+3.45	34	DER6	-0.007	0.025	-0.024	3.45	0.035	OK	-0.70
NE+6.80	34	DER7	-0.015	-0.058	0.024	3.35	0.034	OK	0.73
NE+3.45	34	DER7	-0.006	-0.024	-0.024	3.45	0.035	OK	-0.69
NE+6.80	34	DER8	0.012	-0.058	0.024	3.35	0.034	OK	0.71
NE+3.45	34	DER8	0.006	-0.025	-0.014	3.45	0.035	OK	-0.42
NE+6.80	34	DER9	0.042	0.017	0.017	3.35	0.034	OK	0.51
NE+3.45	34	DER9	0.020	0.007	-0.017	3.45	0.035	OK	-0.50
NE+6.80	34	DER10	0.042	-0.018	0.017	3.35	0.034	OK	0.51
NE+3.45	34	DER10	0.020	-0.007	-0.019	3.45	0.035	OK	-0.54
NE+6.80	34	DER11	-0.045	-0.017	0.018	3.35	0.034	OK	0.55
NE+3.45	34	DER11	-0.021	-0.007	-0.018	3.45	0.035	OK	-0.53
NE+6.80	34	DER12	-0.045	0.018	0.018	3.35	0.034	OK	0.55
NE+3.45	34	DER12	-0.021	0.007	-0.026	3.45	0.035	OK	-0.77
NE+6.80	34	DER13	0.012	0.058	0.024	3.35	0.034	OK	0.72
NE+3.45	34	DER13	0.006	0.025	-0.024	3.45	0.035	OK	-0.71
NE+6.80	34	DER14	-0.014	0.058	0.024	3.35	0.034	OK	0.73
NE+3.45	34	DER14	-0.006	0.025	-0.024	3.45	0.035	OK	-0.70
NE+6.80	34	DER15	-0.014	-0.058	0.024	3.35	0.034	OK	0.72
NE+3.45	34	DER15	-0.006	-0.025	-0.024	3.45	0.035	OK	-0.69
NE+6.80	34	DER16	0.012	-0.058	0.024	3.35	0.034	OK	0.72
NE+3.45	34	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.51

0.726

NE+6.80	36	DER4	-0.044	0.016	0.018	3.35	0.034	OK	0.53
NE+3.45	36	DER4	-0.021	0.007	-0.021	3.45	0.035	OK	-0.62
NE+6.80	36	DER5	0.011	0.051	0.020	3.35	0.034	OK	0.61
NE+3.45	36	DER5	0.006	0.023	-0.021	3.45	0.035	OK	-0.61
NE+6.80	36	DER6	-0.014	0.051	0.021	3.35	0.034	OK	0.62
NE+3.45	36	DER6	-0.007	0.023	-0.021	3.45	0.035	OK	-0.60
NE+6.80	36	DER7	-0.014	-0.051	0.021	3.35	0.034	OK	0.62
NE+3.45	36	DER7	-0.006	-0.023	-0.020	3.45	0.035	OK	-0.59
NE+6.80	36	DER8	0.011	-0.051	0.020	3.35	0.034	OK	0.61
NE+3.45	36	DER8	0.006	-0.023	-0.015	3.45	0.035	OK	-0.43
NE+6.80	36	DER9	0.042	0.015	0.016	3.35	0.034	OK	0.49
NE+3.45	36	DER9	0.020	0.007	-0.017	3.45	0.035	OK	-0.48
NE+6.80	36	DER10	0.042	-0.016	0.016	3.35	0.034	OK	0.49
NE+3.45	36	DER10	0.020	-0.007	-0.018	3.45	0.035	OK	-0.51
NE+6.80	36	DER11	-0.044	-0.015	0.017	3.35	0.034	OK	0.52
NE+3.45	36	DER11	-0.021	-0.007	-0.018	3.45	0.035	OK	-0.51
NE+6.80	36	DER12	-0.044	0.016	0.018	3.35	0.034	OK	0.52
NE+3.45	36	DER12	-0.021	0.007	-0.022	3.45	0.035	OK	-0.62
NE+6.80	36	DER13	0.012	0.051	0.020	3.35	0.034	OK	0.61
NE+3.45	36	DER13	0.006	0.023	-0.021	3.45	0.035	OK	-0.61
NE+6.80	36	DER14	-0.014	0.051	0.021	3.35	0.034	OK	0.62
NE+3.45	36	DER14	-0.006	0.023	-0.021	3.45	0.035	OK	-0.60
NE+6.80	36	DER15	-0.014	-0.051	0.021	3.35	0.034	OK	0.62
NE+3.45	36	DER15	-0.006	-0.023	-0.020	3.45	0.035	OK	-0.59
NE+6.80	36	DER16	0.012	-0.051	0.020	3.35	0.034	OK	0.61
NE+3.45	36	DER16	0.006	-0.023	0.016	3.45	0.035	OK	0.47

0.621

NE+6.80	37	DER4	-0.044	0.015	0.017	3.35	0.034	OK	0.52
NE+3.45	37	DER4	-0.021	0.007	-0.019	3.45	0.035	OK	-0.55
NE+6.80	37	DER5	0.011	0.048	0.019	3.35	0.034	OK	0.55
NE+3.45	37	DER5	0.006	0.022	-0.019	3.45	0.035	OK	-0.56
NE+6.80	37	DER6	-0.014	0.048	0.019	3.35	0.034	OK	0.57
NE+3.45	37	DER6	-0.007	0.022	-0.019	3.45	0.035	OK	-0.54
NE+6.80	37	DER7	-0.014	-0.048	0.019	3.35	0.034	OK	0.57
NE+3.45	37	DER7	-0.006	-0.022	-0.019	3.45	0.035	OK	-0.54
NE+6.80	37	DER8	0.011	-0.048	0.019	3.35	0.034	OK	0.56
NE+3.45	37	DER8	0.006	-0.022	-0.015	3.45	0.035	OK	-0.43
NE+6.80	37	DER9	0.042	0.014	0.016	3.35	0.034	OK	0.48
NE+3.45	37	DER9	0.020	0.006	-0.016	3.45	0.035	OK	-0.47
NE+6.80	37	DER10	0.042	-0.015	0.016	3.35	0.034	OK	0.48
NE+3.45	37	DER10	0.020	-0.007	-0.017	3.45	0.035	OK	-0.50
NE+6.80	37	DER11	-0.044	-0.014	0.017	3.35	0.034	OK	0.51
NE+3.45	37	DER11	-0.021	-0.006	-0.017	3.45	0.035	OK	-0.51
NE+6.80	37	DER12	-0.044	0.015	0.017	3.35	0.034	OK	0.52
NE+3.45	37	DER12	-0.021	0.007	-0.019	3.45	0.035	OK	-0.56
NE+6.80	37	DER13	0.012	0.048	0.019	3.35	0.034	OK	0.55
NE+3.45	37	DER13	0.006	0.022	-0.019	3.45	0.035	OK	-0.56
NE+6.80	37	DER14	-0.014	0.048	0.019	3.35	0.034	OK	0.57
NE+3.45	37	DER14	-0.006	0.022	-0.019	3.45	0.035	OK	-0.54
NE+6.80	37	DER15	-0.014	-0.048	0.019	3.35	0.034	OK	0.56
NE+3.45	37	DER15	-0.006	-0.022	-0.019	3.45	0.035	OK	-0.54
NE+6.80	37	DER16	0.012	-0.048	0.019	3.35	0.034	OK	0.56
NE+3.45	37	DER16	0.006	-0.022	0.016	3.45	0.035	OK	0.46

0.567

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	38	DER1	0.041	0.013	0.016	3.35	0.034	OK	0.47
NE+3.45	38	DER1	0.020	0.006	-0.016	3.45	0.035	OK	-0.47
NE+6.80	38	DER2	0.041	-0.014	0.016	3.35	0.034	OK	0.47
NE+3.45	38	DER2	0.020	-0.007	-0.017	3.45	0.035	OK	-0.51
NE+6.80	38	DER3	-0.044	-0.013	0.017	3.35	0.034	OK	0.51
NE+3.45	38	DER3	-0.021	-0.006	-0.018	3.45	0.035	OK	-0.51
NE+6.80	38	DER4	-0.044	0.015	0.017	3.35	0.034	OK	0.52
NE+3.45	38	DER4	-0.021	0.007	-0.018	3.45	0.035	OK	-0.51
NE+6.80	38	DER5	0.011	0.045	0.018	3.35	0.034	OK	0.52
NE+3.45	38	DER5	0.006	0.021	-0.018	3.45	0.035	OK	-0.53
NE+6.80	38	DER6	-0.014	0.046	0.018	3.35	0.034	OK	0.54
NE+3.45	38	DER6	-0.007	0.021	-0.018	3.45	0.035	OK	-0.51
NE+6.80	38	DER7	-0.014	-0.045	0.018	3.35	0.034	OK	0.54
NE+3.45	38	DER7	-0.006	-0.021	-0.018	3.45	0.035	OK	-0.51
NE+6.80	38	DER8	0.011	-0.046	0.018	3.35	0.034	OK	0.53
NE+3.45	38	DER8	0.006	-0.021	-0.015	3.45	0.035	OK	-0.44
NE+6.80	38	DER9	0.042	0.013	0.016	3.35	0.034	OK	0.47
NE+3.45	38	DER9	0.020	0.006	-0.016	3.45	0.035	OK	-0.47
NE+6.80	38	DER10	0.042	-0.014	0.016	3.35	0.034	OK	0.48
NE+3.45	38	DER10	0.020	-0.007	-0.017	3.45	0.035	OK	-0.50
NE+6.80	38	DER11	-0.044	-0.013	0.017	3.35	0.034	OK	0.51
NE+3.45	38	DER11	-0.021	-0.006	-0.017	3.45	0.035	OK	-0.50
NE+6.80	38	DER12	-0.044	0.015	0.017	3.35	0.034	OK	0.51
NE+3.45	38	DER12	-0.021	0.007	-0.018	3.45	0.035	OK	-0.51
NE+6.80	38	DER13	0.012	0.045	0.018	3.35	0.034	OK	0.52
NE+3.45	38	DER13	0.006	0.021	-0.018	3.45	0.035	OK	-0.53
NE+6.80	38	DER14	-0.014	0.046	0.018	3.35	0.034	OK	0.54
NE+3.45	38	DER14	-0.006	0.021	-0.018	3.45	0.035	OK	-0.51
NE+6.80	38	DER15	-0.014	-0.045	0.018	3.35	0.034	OK	0.53
NE+3.45	38	DER15	-0.006	-0.021	-0.018	3.45	0.035	OK	-0.52
NE+6.80	38	DER16	0.012	-0.046	0.018	3.35	0.034	OK	0.53
NE+3.45	38	DER16	0.006	-0.021	0.015	3.45	0.035	OK	0.45

0.539

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	39	DER1	0.041	0.012	0.016	3.35	0.034	OK	0.47
NE+3.45	39	DER1	0.020	0.006	-0.016	3.45	0.035	OK	-0.47
NE+6.80	39	DER2	0.041	-0.014	0.016	3.35	0.034	OK	0.47
NE+3.45	39	DER2	0.020	-0.007	-0.017	3.45	0.035	OK	-0.50
NE+6.80	39	DER3	-0.044	-0.012	0.017	3.35	0.034	OK	0.51
NE+3.45	39	DER3	-0.021	-0.006	-0.017	3.45	0.035	OK	-0.51
NE+6.80	39	DER4	-0.044	0.014	0.017	3.35	0.034	OK	0.51
NE+3.45	39	DER4	-0.021	0.007	-0.016	3.45	0.035	OK	-0.47
NE+6.80	39	DER5	0.011	0.043	0.017	3.35	0.034	OK	0.50
NE+3.45	39	DER5	0.006	0.020	-0.018	3.45	0.035	OK	-0.51
NE+6.80	39	DER6	-0.014	0.044	0.017	3.35	0.034	OK	0.51
NE+3.45	39	DER6	-0.007	0.021	-0.017	3.45	0.035	OK	-0.49
NE+6.80	39	DER7	-0.014	-0.043	0.017	3.35	0.034	OK	0.51
NE+3.45	39	DER7	-0.006	-0.020	-0.017	3.45	0.035	OK	-0.49
NE+6.80	39	DER8	0.011	-0.044	0.017	3.35	0.034	OK	0.50
NE+3.45	39	DER8	0.006	-0.021	-0.015	3.45	0.035	OK	-0.45
NE+6.80	39	DER9	0.042	0.012	0.016	3.35	0.034	OK	0.47
NE+3.45	39	DER9	0.020	0.006	-0.016	3.45	0.035	OK	-0.47
NE+6.80	39	DER10	0.042	-0.014	0.016	3.35	0.034	OK	0.47
NE+3.45	39	DER10	0.020	-0.007	-0.017	3.45	0.035	OK	-0.49
NE+6.80	39	DER11	-0.044	-0.012	0.017	3.35	0.034	OK	0.50
NE+3.45	39	DER11	-0.021	-0.006	-0.017	3.45	0.035	OK	-0.50
NE+6.80	39	DER12	-0.044	0.014	0.017	3.35	0.034	OK	0.51
NE+3.45	39	DER12	-0.021	0.007	-0.016	3.45	0.035	OK	-0.47
NE+6.80	39	DER13	0.012	0.043	0.017	3.35	0.034	OK	0.50
NE+3.45	39	DER13	0.006	0.020	-0.018	3.45	0.035	OK	-0.51
NE+6.80	39	DER14	-0.014	0.044	0.017	3.35	0.034	OK	0.51
NE+3.45	39	DER14	-0.006	0.021	-0.017	3.45	0.035	OK	-0.49
NE+6.80	39	DER15	-0.014	-0.043	0.017	3.35	0.034	OK	0.51
NE+3.45	39	DER15	-0.006	-0.020	-0.017	3.45	0.035	OK	-0.49
NE+6.80	39	DER16	0.012	-0.044	0.017	3.35	0.034	OK	0.51
NE+3.45	39	DER16	0.006	-0.021	0.015	3.45	0.035	OK	0.43

0.515

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	42	DER1	0.044	0.023	0.019	3.35	0.034	OK	0.56
NE+3.45	42	DER1	0.020	0.010	-0.017	3.45	0.035	OK	-0.51
NE+6.80	42	DER2	0.043	-0.020	0.018	3.35	0.034	OK	0.54
NE+3.45	42	DER2	0.020	-0.008	-0.021	3.45	0.035	OK	-0.62
NE+6.80	42	DER3	-0.047	-0.023	0.020	3.35	0.034	OK	0.60
NE+3.45	42	DER3	-0.021	-0.010	-0.019	3.45	0.035	OK	-0.55
NE+6.80	42	DER4	-0.046	0.021	0.020	3.35	0.034	OK	0.59
NE+3.45	42	DER4	-0.021	0.008	-0.036	3.45	0.035	OK	-1.05
NE+6.80	42	DER5	0.014	0.073	0.030	3.35	0.034	OK	0.89
NE+3.45	42	DER5	0.007	0.031	-0.029	3.45	0.035	OK	-0.85
NE+6.80	42	DER6	-0.013	0.072	0.030	3.35	0.034	OK	0.89
NE+3.45	42	DER6	-0.006	0.030	-0.031	3.45	0.035	OK	-0.89
NE+6.80	42	DER7	-0.017	-0.072	0.030	3.35	0.034	OK	0.90
NE+3.45	42	DER7	-0.007	-0.030	-0.029	3.45	0.035	OK	-0.83
NE+6.80	42	DER8	0.010	-0.072	0.029	3.35	0.034	OK	0.88
NE+3.45	42	DER8	0.005	-0.030	-0.014	3.45	0.035	OK	-0.39
NE+6.80	42	DER9	0.044	0.023	0.019	3.35	0.034	OK	0.57
NE+3.45	42	DER9	0.020	0.010	-0.018	3.45	0.035	OK	-0.51
NE+6.80	42	DER10	0.043	-0.021	0.018	3.35	0.034	OK	0.55
NE+3.45	42	DER10	0.020	-0.008	-0.021	3.45	0.035	OK	-0.61
NE+6.80	42	DER11	-0.046	-0.023	0.020	3.35	0.034	OK	0.60
NE+3.45	42	DER11	-0.021	-0.010	-0.019	3.45	0.035	OK	-0.54
NE+6.80	42	DER12	-0.045	0.021	0.020	3.35	0.034	OK	0.58
NE+3.45	42	DER12	-0.020	0.008	-0.036	3.45	0.035	OK	-1.05
NE+6.80	42	DER13	0.014	0.073	0.030	3.35	0.034	OK	0.89
NE+3.45	42	DER13	0.007	0.030	-0.029	3.45	0.035	OK	-0.85
NE+6.80	42	DER14	-0.013	0.072	0.030	3.35	0.034	OK	0.89
NE+3.45	42	DER14	-0.006	0.030	-0.031	3.45	0.035	OK	-0.89
NE+6.80	42	DER15	-0.016	-0.072	0.030	3.35	0.034	OK	0.90
NE+3.45	42	DER15	-0.007	-0.030	-0.029	3.45	0.035	OK	-0.84
NE+6.80	42	DER16	0.011	-0.072	0.030	3.35	0.034	OK	0.88
NE+3.45	42	DER16	0.005	-0.030	0.021	3.45	0.035	OK	0.62

0.898

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	43	DER1	0.044	0.023	0.019	3.35	0.034	OK	0.57
NE+3.45	43	DER1	0.020	0.009	-0.018	3.45	0.035	OK	-0.51
NE+6.80	43	DER2	0.043	-0.021	0.018	3.35	0.034	OK	0.55
NE+3.45	43	DER2	0.020	-0.008	-0.021	3.45	0.035	OK	-0.62
NE+6.80	43	DER3	-0.047	-0.023	0.020	3.35	0.034	OK	0.60
NE+3.45	43	DER3	-0.021	-0.009	-0.019	3.45	0.035	OK	-0.55
NE+6.80	43	DER4	-0.046	0.021	0.020	3.35	0.034	OK	0.59
NE+3.45	43	DER4	-0.021	0.008	-0.037	3.45	0.035	OK	-1.06
NE+6.80	43	DER5	0.014	0.073	0.031	3.35	0.034	OK	0.92
NE+3.45	43	DER5	0.007	0.029	-0.030	3.45	0.035	OK	-0.88
NE+6.80	43	DER6	-0.013	0.073	0.031	3.35	0.034	OK	0.92
NE+3.45	43	DER6	-0.006	0.029	-0.032	3.45	0.035	OK	-0.92
NE+6.80	43	DER7	-0.017	-0.073	0.031	3.35	0.034	OK	0.93
NE+3.45	43	DER7	-0.007	-0.029	-0.030	3.45	0.035	OK	-0.87
NE+6.80	43	DER8	0.010	-0.072	0.031	3.35	0.034	OK	0.91
NE+3.45	43	DER8	0.005	-0.029	-0.014	3.45	0.035	OK	-0.41
NE+6.80	43	DER9	0.044	0.023	0.019	3.35	0.034	OK	0.57
NE+3.45	43	DER9	0.020	0.009	-0.018	3.45	0.035	OK	-0.51
NE+6.80	43	DER10	0.043	-0.021	0.018	3.35	0.034	OK	0.55
NE+3.45	43	DER10	0.020	-0.008	-0.021	3.45	0.035	OK	-0.61
NE+6.80	43	DER11	-0.046	-0.023	0.020	3.35	0.034	OK	0.60
NE+3.45	43	DER11	-0.021	-0.009	-0.019	3.45	0.035	OK	-0.55
NE+6.80	43	DER12	-0.045	0.021	0.020	3.35	0.034	OK	0.58
NE+3.45	43	DER12	-0.020	0.008	-0.037	3.45	0.035	OK	-1.07
NE+6.80	43	DER13	0.014	0.073	0.031	3.35	0.034	OK	0.92
NE+3.45	43	DER13	0.007	0.029	-0.030	3.45	0.035	OK	-0.88
NE+6.80	43	DER14	-0.013	0.073	0.031	3.35	0.034	OK	0.92
NE+3.45	43	DER14	-0.006	0.029	-0.032	3.45	0.035	OK	-0.91
NE+6.80	43	DER15	-0.016	-0.073	0.031	3.35	0.034	OK	0.93
NE+3.45	43	DER15	-0.007	-0.029	-0.030	3.45	0.035	OK	-0.87
NE+6.80	43	DER16	0.011	-0.072	0.030	3.35	0.034	OK	0.91
NE+3.45	43	DER16	0.005	-0.029	0.021	3.45	0.035	OK	0.60

0.928

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	44	DER1	0.044	0.021	0.018	3.35	0.034	OK	0.54
NE+3.45	44	DER1	0.020	0.009	-0.017	3.45	0.035	OK	-0.50
NE+6.80	44	DER2	0.043	-0.019	0.018	3.35	0.034	OK	0.53
NE+3.45	44	DER2	0.020	-0.008	-0.021	3.45	0.035	OK	-0.60
NE+6.80	44	DER3	-0.046	-0.020	0.019	3.35	0.034	OK	0.58
NE+3.45	44	DER3	-0.021	-0.009	-0.018	3.45	0.035	OK	-0.54
NE+6.80	44	DER4	-0.045	0.019	0.019	3.35	0.034	OK	0.57
NE+3.45	44	DER4	-0.021	0.008	-0.032	3.45	0.035	OK	-0.92
NE+6.80	44	DER5	0.014	0.066	0.027	3.35	0.034	OK	0.79
NE+3.45	44	DER5	0.007	0.029	-0.026	3.45	0.035	OK	-0.76
NE+6.80	44	DER6	-0.013	0.065	0.027	3.35	0.034	OK	0.79
NE+3.45	44	DER6	-0.006	0.028	-0.027	3.45	0.035	OK	-0.79
NE+6.80	44	DER7	-0.016	-0.066	0.027	3.35	0.034	OK	0.80
NE+3.45	44	DER7	-0.007	-0.028	-0.026	3.45	0.035	OK	-0.74
NE+6.80	44	DER8	0.010	-0.065	0.026	3.35	0.034	OK	0.78
NE+3.45	44	DER8	0.005	-0.028	-0.014	3.45	0.035	OK	-0.40
NE+6.80	44	DER9	0.044	0.021	0.018	3.35	0.034	OK	0.55
NE+3.45	44	DER9	0.020	0.009	-0.017	3.45	0.035	OK	-0.50
NE+6.80	44	DER10	0.043	-0.019	0.018	3.35	0.034	OK	0.53
NE+3.45	44	DER10	0.020	-0.008	-0.020	3.45	0.035	OK	-0.59
NE+6.80	44	DER11	-0.046	-0.020	0.019	3.35	0.034	OK	0.58
NE+3.45	44	DER11	-0.021	-0.009	-0.018	3.45	0.035	OK	-0.53
NE+6.80	44	DER12	-0.045	0.019	0.019	3.35	0.034	OK	0.57
NE+3.45	44	DER12	-0.020	0.008	-0.032	3.45	0.035	OK	-0.92
NE+6.80	44	DER13	0.014	0.066	0.027	3.35	0.034	OK	0.79
NE+3.45	44	DER13	0.007	0.029	-0.026	3.45	0.035	OK	-0.76
NE+6.80	44	DER14	-0.013	0.065	0.027	3.35	0.034	OK	0.79
NE+3.45	44	DER14	-0.006	0.028	-0.027	3.45	0.035	OK	-0.79
NE+6.80	44	DER15	-0.016	-0.066	0.027	3.35	0.034	OK	0.80
NE+3.45	44	DER15	-0.007	-0.028	-0.026	3.45	0.035	OK	-0.74
NE+6.80	44	DER16	0.011	-0.065	0.026	3.35	0.034	OK	0.78
NE+3.45	44	DER16	0.005	-0.028	0.020	3.45	0.035	OK	0.58

0.800

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	45	DER1	0.044	0.021	0.019	3.35	0.034	OK	0.55
NE+3.45	45	DER1	0.020	0.009	-0.017	3.45	0.035	OK	-0.51
NE+6.80	45	DER2	0.043	-0.020	0.018	3.35	0.034	OK	0.54
NE+3.45	45	DER2	0.020	-0.008	-0.021	3.45	0.035	OK	-0.60
NE+6.80	45	DER3	-0.046	-0.021	0.020	3.35	0.034	OK	0.59
NE+3.45	45	DER3	-0.021	-0.009	-0.019	3.45	0.035	OK	-0.54
NE+6.80	45	DER4	-0.045	0.020	0.019	3.35	0.034	OK	0.57
NE+3.45	45	DER4	-0.021	0.008	-0.033	3.45	0.035	OK	-0.97
NE+6.80	45	DER5	0.014	0.068	0.029	3.35	0.034	OK	0.86
NE+3.45	45	DER5	0.007	0.028	-0.029	3.45	0.035	OK	-0.83
NE+6.80	45	DER6	-0.013	0.068	0.029	3.35	0.034	OK	0.86
NE+3.45	45	DER6	-0.006	0.027	-0.030	3.45	0.035	OK	-0.86
NE+6.80	45	DER7	-0.016	-0.068	0.029	3.35	0.034	OK	0.87
NE+3.45	45	DER7	-0.007	-0.027	-0.028	3.45	0.035	OK	-0.81
NE+6.80	45	DER8	0.010	-0.068	0.029	3.35	0.034	OK	0.85
NE+3.45	45	DER8	0.005	-0.027	-0.015	3.45	0.035	OK	-0.43
NE+6.80	45	DER9	0.044	0.021	0.019	3.35	0.034	OK	0.55
NE+3.45	45	DER9	0.020	0.009	-0.018	3.45	0.035	OK	-0.51
NE+6.80	45	DER10	0.043	-0.020	0.018	3.35	0.034	OK	0.54
NE+3.45	45	DER10	0.020	-0.008	-0.020	3.45	0.035	OK	-0.59
NE+6.80	45	DER11	-0.046	-0.021	0.020	3.35	0.034	OK	0.58
NE+3.45	45	DER11	-0.021	-0.009	-0.019	3.45	0.035	OK	-0.54
NE+6.80	45	DER12	-0.045	0.020	0.019	3.35	0.034	OK	0.57
NE+3.45	45	DER12	-0.020	0.008	-0.034	3.45	0.035	OK	-0.97
NE+6.80	45	DER13	0.014	0.068	0.029	3.35	0.034	OK	0.87
NE+3.45	45	DER13	0.007	0.027	-0.029	3.45	0.035	OK	-0.83
NE+6.80	45	DER14	-0.013	0.068	0.029	3.35	0.034	OK	0.86
NE+3.45	45	DER14	-0.006	0.027	-0.029	3.45	0.035	OK	-0.85
NE+6.80	45	DER15	-0.016	-0.068	0.029	3.35	0.034	OK	0.87
NE+3.45	45	DER15	-0.007	-0.027	-0.028	3.45	0.035	OK	-0.82
NE+6.80	45	DER16	0.011	-0.068	0.029	3.35	0.034	OK	0.86
NE+3.45	45	DER16	0.005	-0.027	0.019	3.45	0.035	OK	0.56

0.871

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	46	DER1	0.044	0.019	0.018	3.35	0.034	OK	0.54
NE+3.45	46	DER1	0.020	0.008	-0.017	3.45	0.035	OK	-0.49
NE+6.80	46	DER2	0.042	-0.018	0.017	3.35	0.034	OK	0.52
NE+3.45	46	DER2	0.020	-0.008	-0.020	3.45	0.035	OK	-0.58
NE+6.80	46	DER3	-0.046	-0.019	0.019	3.35	0.034	OK	0.57
NE+3.45	46	DER3	-0.021	-0.008	-0.018	3.45	0.035	OK	-0.53
NE+6.80	46	DER4	-0.045	0.018	0.019	3.35	0.034	OK	0.56
NE+3.45	46	DER4	-0.021	0.008	-0.029	3.45	0.035	OK	-0.85

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	47	DER1	0.043	0.020	0.018	3.35	0.034	OK	0.54
NE+3.45	47	DER1	0.020	0.008	-0.017	3.45	0.035	OK	-0.50
NE+6.80	47	DER2	0.042	-0.019	0.018	3.35	0.034	OK	0.53
NE+3.45	47	DER2	0.020	-0.008	-0.020	3.45	0.035	OK	-0.59
NE+6.80	47	DER3	-0.046	-0.019	0.019	3.35	0.034	OK	0.58
NE+3.45	47	DER3	-0.021	-0.008	-0.019	3.45	0.035	OK	-0.54
NE+6.80	47	DER4	-0.045	0.019	0.019	3.35	0.034	OK	0.57
NE+3.45	47	DER4	-0.021	0.008	-0.031	3.45	0.035	OK	-0.90

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	48	DER1	0.043	0.018	0.018	3.35	0.034	OK	0.53
NE+3.45	48	DER1	0.020	0.007	-0.017	3.45	0.035	OK	-0.49
NE+6.80	48	DER2	0.042	-0.017	0.017	3.35	0.034	OK	0.52
NE+3.45	48	DER2	0.020	-0.007	-0.020	3.45	0.035	OK	-0.57
NE+6.80	48	DER3	-0.046	-0.017	0.019	3.35	0.034	OK	0.56
NE+3.45	48	DER3	-0.021	-0.007	-0.018	3.45	0.035	OK	-0.53
NE+6.80	48	DER4	-0.045	0.018	0.018	3.35	0.034	OK	0.55
NE+3.45	48	DER4	-0.021	0.007	-0.027	3.45	0.035	OK	-0.78

NE+6.80	46	DER5	0.014	0.062	0.025	3.35	0.034	OK	0.76
NE+3.45	46	DER5	0.007	0.027	-0.025	3.45	0.035	OK	-0.73
NE+6.80	46	DER6	-0.013	0.062	0.025	3.35	0.034	OK	0.76
NE+3.45	46	DER6	-0.006	0.026	-0.026	3.45	0.035	OK	-0.75
NE+6.80	46	DER7	-0.016	-0.062	0.026	3.35	0.034	OK	0.76
NE+3.45	46	DER7	-0.007	-0.026	-0.025	3.45	0.035	OK	-0.71
NE+6.80	46	DER8	0.010	-0.062	0.025	3.35	0.034	OK	0.75
NE+3.45	46	DER8	0.005	-0.026	-0.015	3.45	0.035	OK	-0.43
NE+6.80	46	DER9	0.044	0.019	0.018	3.35	0.034	OK	0.54
NE+3.45	46	DER9	0.020	0.008	-0.017	3.45	0.035	OK	-0.50
NE+6.80	46	DER10	0.043	-0.018	0.018	3.35	0.034	OK	0.53
NE+3.45	46	DER10	0.020	-0.008	-0.020	3.45	0.035	OK	-0.57
NE+6.80	46	DER11	-0.046	-0.019	0.019	3.35	0.034	OK	0.57
NE+3.45	46	DER11	-0.021	-0.008	-0.018	3.45	0.035	OK	-0.53
NE+6.80	46	DER12	-0.045	0.018	0.019	3.35	0.034	OK	0.56
NE+3.45	46	DER12	-0.020	0.008	-0.029	3.45	0.035	OK	-0.85
NE+6.80	46	DER13	0.014	0.062	0.025	3.35	0.034	OK	0.76
NE+3.45	46	DER13	0.007	0.027	-0.025	3.45	0.035	OK	-0.73
NE+6.80	46	DER14	-0.013	0.062	0.025	3.35	0.034	OK	0.76
NE+3.45	46	DER14	-0.006	0.026	-0.026	3.45	0.035	OK	-0.75
NE+6.80	46	DER15	-0.016	-0.062	0.026	3.35	0.034	OK	0.76
NE+3.45	46	DER15	-0.007	-0.026	-0.025	3.45	0.035	OK	-0.71
NE+6.80	46	DER16	0.011	-0.062	0.025	3.35	0.034	OK	0.75
NE+3.45	46	DER16	0.005	-0.026	0.019	3.45	0.035	OK	0.54

0.765

NE+6.80	47	DER5	0.014	0.065	0.028	3.35	0.034	OK	0.83
NE+3.45	47	DER5	0.007	0.026	-0.028	3.45	0.035	OK	-0.80
NE+6.80	47	DER6	-0.013	0.065	0.028	3.35	0.034	OK	0.83
NE+3.45	47	DER6	-0.006	0.025	-0.028	3.45	0.035	OK	-0.82
NE+6.80	47	DER7	-0.016	-0.064	0.028	3.35	0.034	OK	0.83
NE+3.45	47	DER7	-0.007	-0.025	-0.027	3.45	0.035	OK	-0.78
NE+6.80	47	DER8	0.010	-0.064	0.027	3.35	0.034	OK	0.82
NE+3.45	47	DER8	0.005	-0.025	-0.015	3.45	0.035	OK	-0.45
NE+6.80	47	DER9	0.044	0.020	0.018	3.35	0.034	OK	0.55
NE+3.45	47	DER9	0.020	0.008	-0.017	3.45	0.035	OK	-0.50
NE+6.80	47	DER10	0.043	-0.019	0.018	3.35	0.034	OK	0.53
NE+3.45	47	DER10	0.020	-0.008	-0.020	3.45	0.035	OK	-0.58
NE+6.80	47	DER11	-0.046	-0.019	0.019	3.35	0.034	OK	0.57
NE+3.45	47	DER11	-0.021	-0.008	-0.018	3.45	0.035	OK	-0.54
NE+6.80	47	DER12	-0.045	0.019	0.019	3.35	0.034	OK	0.56
NE+3.45	47	DER12	-0.020	0.008	-0.031	3.45	0.035	OK	-0.90
NE+6.80	47	DER13	0.014	0.065	0.028	3.35	0.034	OK	0.83
NE+3.45	47	DER13	0.007	0.026	-0.028	3.45	0.035	OK	-0.80
NE+6.80	47	DER14	-0.013	0.065	0.028	3.35	0.034	OK	0.83
NE+3.45	47	DER14	-0.006	0.025	-0.028	3.45	0.035	OK	-0.82
NE+6.80	47	DER15	-0.016	-0.064	0.028	3.35	0.034	OK	0.83
NE+3.45	47	DER15	-0.007	-0.025	-0.027	3.45	0.035	OK	-0.79
NE+6.80	47	DER16	0.011	-0.064	0.028	3.35	0.034	OK	0.82
NE+3.45	47	DER16	0.005	-0.025	0.018	3.45	0.035	OK	0.52

0.835

NE+6.80	48	DER5	0.014	0.059	0.024	3.35	0.034	OK	0.72
NE+3.45	48	DER5	0.007	0.025	-0.024	3.45	0.035	OK	-0.70
NE+6.80	48	DER6	-0.013	0.059	0.024	3.35	0.034	OK	0.73
NE+3.45	48	DER6	-0.006	0.025	-0.025	3.45	0.035	OK	-0.72
NE+6.80	48	DER7	-0.016	-0.058	0.024	3.35	0.034	OK	0.73
NE+3.45	48	DER7	-0.007	-0.024	-0.024	3.45	0.035	OK	-0.68
NE+6.80	48	DER8	0.010	-0.058	0.024	3.35	0.034	OK	0.71
NE+3.45	48	DER8	0.005	-0.025	-0.015	3.45	0.035	OK	-0.45
NE+6.80	48	DER9	0.044	0.018	0.018	3.35	0.034	OK	0.53
NE+3.45	48	DER9	0.020	0.007	-0.017	3.45	0.035	OK	-0.49
NE+6.80	48	DER10	0.043	-0.018	0.017	3.35	0.034	OK	0.52
NE+3.45	48	DER10	0.020	-0.007	-0.019	3.45	0.035	OK	-0.56
NE+6.80	48	DER11	-0.046	-0.017	0.019	3.35	0.034	OK	0.56
NE+3.45	48	DER11	-0.021	-0.007	-0.018	3.45	0.035	OK	-0.52
NE+6.80	48	DER12	-0.045	0.018	0.018	3.35	0.034	OK	0.55
NE+3.45	48	DER12	-0.020	0.007	-0.027	3.45	0.035	OK	-0.78
NE+6.80	48	DER13	0.014	0.058	0.024	3.35	0.034	OK	0.72
NE+3.45	48	DER13	0.007	0.025	-0.024	3.45	0.035	OK	-0.70
NE+6.80	48	DER14	-0.013	0.059	0.024	3.35	0.034	OK	0.73
NE+3.45	48	DER14	-0.006	0.025	-0.025	3.45	0.035	OK	-0.71
NE+6.80	48	DER15	-0.016	-0.058	0.024	3.35	0.034	OK	0.73
NE+3.45	48	DER15	-0.007	-0.025	-0.024	3.45	0.035	OK	-0.68
NE+6.80	48	DER16	0.011	-0.058	0.024	3.35	0.034	OK	0.72
NE+3.45	48	DER16	0.005	-0.025	0.017	3.45	0.035	OK	0.51

0.730

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	49	DER1	0.043	0.018	0.018	3.35	0.034	OK	0.53
NE+3.45	49	DER1	0.020	0.007	-0.017	3.45	0.035	OK	-0.50
NE+6.80	49	DER2	0.042	-0.018	0.017	3.35	0.034	OK	0.52
NE+3.45	49	DER2	0.020	-0.007	-0.020	3.45	0.035	OK	-0.57
NE+6.80	49	DER3	-0.046	-0.018	0.019	3.35	0.034	OK	0.56
NE+3.45	49	DER3	-0.021	-0.007	-0.018	3.45	0.035	OK	-0.53
NE+6.80	49	DER4	-0.045	0.018	0.019	3.35	0.034	OK	0.56
NE+3.45	49	DER4	-0.021	0.007	-0.028	3.45	0.035	OK	-0.81
NE+6.80	49	DER5	0.014	0.060	0.026	3.35	0.034	OK	0.77
NE+3.45	49	DER5	0.007	0.024	-0.026	3.45	0.035	OK	-0.75
NE+6.80	49	DER6	-0.013	0.060	0.026	3.35	0.034	OK	0.78
NE+3.45	49	DER6	-0.006	0.024	-0.026	3.45	0.035	OK	-0.76
NE+6.80	49	DER7	-0.016	-0.060	0.026	3.35	0.034	OK	0.78
NE+3.45	49	DER7	-0.007	-0.023	-0.025	3.45	0.035	OK	-0.73
NE+6.80	49	DER8	0.010	-0.060	0.026	3.35	0.034	OK	0.77
NE+3.45	49	DER8	0.005	-0.024	-0.016	3.45	0.035	OK	-0.47
NE+6.80	49	DER9	0.044	0.018	0.018	3.35	0.034	OK	0.53
NE+3.45	49	DER9	0.020	0.007	-0.017	3.45	0.035	OK	-0.50
NE+6.80	49	DER10	0.043	-0.018	0.018	3.35	0.034	OK	0.53
NE+3.45	49	DER10	0.020	-0.007	-0.019	3.45	0.035	OK	-0.56
NE+6.80	49	DER11	-0.045	-0.018	0.019	3.35	0.034	OK	0.56
NE+3.45	49	DER11	-0.021	-0.007	-0.018	3.45	0.035	OK	-0.53
NE+6.80	49	DER12	-0.044	0.018	0.019	3.35	0.034	OK	0.55
NE+3.45	49	DER12	-0.020	0.007	-0.028	3.45	0.035	OK	-0.81
NE+6.80	49	DER13	0.014	0.060	0.026	3.35	0.034	OK	0.77
NE+3.45	49	DER13	0.007	0.024	-0.026	3.45	0.035	OK	-0.75
NE+6.80	49	DER14	-0.013	0.060	0.026	3.35	0.034	OK	0.77
NE+3.45	49	DER14	-0.006	0.024	-0.026	3.45	0.035	OK	-0.76
NE+6.80	49	DER15	-0.016	-0.060	0.026	3.35	0.034	OK	0.78
NE+3.45	49	DER15	-0.007	-0.023	-0.025	3.45	0.035	OK	-0.74
NE+6.80	49	DER16	0.011	-0.060	0.026	3.35	0.034	OK	0.77
NE+3.45	49	DER16	0.005	-0.024	0.017	3.45	0.035	OK	0.49

0.779

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	50	DER1	0.043	0.015	0.017	3.35	0.034	OK	0.51
NE+3.45	50	DER1	0.020	0.007	-0.017	3.45	0.035	OK	-0.48
NE+6.80	50	DER2	0.042	-0.016	0.017	3.35	0.034	OK	0.50
NE+3.45	50	DER2	0.020	-0.007	-0.019	3.45	0.035	OK	-0.55
NE+6.80	50	DER3	-0.046	-0.015	0.018	3.35	0.034	OK	0.54
NE+3.45	50	DER3	-0.021	-0.007	-0.018	3.45	0.035	OK	-0.52
NE+6.80	50	DER4	-0.045	0.016	0.018	3.35	0.034	OK	0.54
NE+3.45	50	DER4	-0.021	0.007	-0.022	3.45	0.035	OK	-0.63
NE+6.80	50	DER5	0.014	0.051	0.021	3.35	0.034	OK	0.62
NE+3.45	50	DER5	0.007	0.023	-0.021	3.45	0.035	OK	-0.60
NE+6.80	50	DER6	-0.013	0.052	0.021	3.35	0.034	OK	0.62
NE+3.45	50	DER6	-0.006	0.023	-0.021	3.45	0.035	OK	-0.61
NE+6.80	50	DER7	-0.016	-0.051	0.021	3.35	0.034	OK	0.62
NE+3.45	50	DER7	-0.007	-0.023	-0.020	3.45	0.035	OK	-0.58
NE+6.80	50	DER8	0.010	-0.051	0.020	3.35	0.034	OK	0.61
NE+3.45	50	DER8	0.005	-0.023	-0.016	3.45	0.035	OK	-0.46
NE+6.80	50	DER9	0.043	0.015	0.017	3.35	0.034	OK	0.51
NE+3.45	50	DER9	0.020	0.007	-0.017	3.45	0.035	OK	-0.48
NE+6.80	50	DER10	0.042	-0.016	0.017	3.35	0.034	OK	0.51
NE+3.45	50	DER10	0.020	-0.007	-0.019	3.45	0.035	OK	-0.54
NE+6.80	50	DER11	-0.045	-0.015	0.018	3.35	0.034	OK	0.54
NE+3.45	50	DER11	-0.021	-0.007	-0.018	3.45	0.035	OK	-0.51
NE+6.80	50	DER12	-0.044	0.016	0.018	3.35	0.034	OK	0.53
NE+3.45	50	DER12	-0.020	0.007	-0.022	3.45	0.035	OK	-0.64
NE+6.80	50	DER13	0.014	0.051	0.021	3.35	0.034	OK	0.62
NE+3.45	50	DER13	0.007	0.023	-0.021	3.45	0.035	OK	-0.60
NE+6.80	50	DER14	-0.013	0.052	0.021	3.35	0.034	OK	0.62
NE+3.45	50	DER14	-0.006	0.023	-0.021	3.45	0.035	OK	-0.61
NE+6.80	50	DER15	-0.016	-0.051	0.021	3.35	0.034	OK	0.62
NE+3.45	50	DER15	-0.007	-0.023	-0.020	3.45	0.035	OK	-0.58
NE+6.80	50	DER16	0.011	-0.051	0.020	3.35	0.034	OK	0.61
NE+3.45	50	DER16	0.005	-0.023	0.016	3.45	0.035	OK	0.47

0.623

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	51	DER1	0.043	0.014	0.017	3.35	0.034	OK	0.50
NE+3.45	51	DER1	0.020	0.006	-0.016	3.45	0.035	OK	-0.48
NE+6.80	51	DER2	0.042	-0.015	0.017	3.35	0.034	OK	0.50
NE+3.45	51	DER2	0.020	-0.007	-0.019	3.45	0.035	OK	-0.54
NE+6.80	51	DER3	-0.046	-0.014	0.018	3.35	0.034	OK	0.54
NE+3.45	51	DER3	-0.021	-0.006	-0.018	3.45	0.035	OK	-0.51
NE+6.80	51	DER4	-0.045	0.015	0.018	3.35	0.034	OK	0.53
NE+3.45	51	DER4	-0.021	0.007	-0.020	3.45	0.035	OK	-0.57
NE+6.80	51	DER5	0.014	0.048	0.019	3.35	0.034	OK	0.56
NE+3.45	51	DER5	0.007	0.022	-0.019	3.45	0.035	OK	-0.55
NE+6.80	51	DER6	-0.013	0.048	0.019	3.35	0.034	OK	0.57
NE+3.45	51	DER6	-0.006	0.022	-0.019	3.45	0.035	OK	-0.56
NE+6.80	51	DER7	-0.016	-0.048	0.019	3.35	0.034	OK	0.57
NE+3.45	51	DER7	-0.007	-0.022	-0.018	3.45	0.035	OK	-0.53
NE+6.80	51	DER8	0.010	-0.048	0.019	3.35	0.034	OK	0.55
NE+3.45	51	DER8	0.005	-0.022	-0.016	3.45	0.035	OK	-0.47
NE+6.80	51	DER9	0.043	0.014	0.017	3.35	0.034	OK	0.50
NE+3.45	51	DER9	0.020	0.006	-0.016	3.45	0.035	OK	-0.48
NE+6.80	51	DER10	0.042	-0.015	0.017	3.35	0.034	OK	0.50
NE+3.45	51	DER10	0.020	-0.007	-0.018	3.45	0.035	OK	-0.53
NE+6.80	51	DER11	-0.045	-0.014	0.018	3.35	0.034	OK	0.53
NE+3.45	51	DER11	-0.021	-0.006	-0.018	3.45	0.035	OK	-0.51
NE+6.80	51	DER12	-0.044	0.015	0.018	3.35	0.034	OK	0.53
NE+3.45	51	DER12	-0.020	0.007	-0.020	3.45	0.035	OK	-0.57
NE+6.80	51	DER13	0.014	0.048	0.019	3.35	0.034	OK	0.56
NE+3.45	51	DER13	0.007	0.022	-0.019	3.45	0.035	OK	-0.55
NE+6.80	51	DER14	-0.013	0.048	0.019	3.35	0.034	OK	0.56
NE+3.45	51	DER14	-0.006	0.022	-0.019	3.45	0.035	OK	-0.54
NE+6.80	51	DER15	-0.016	-0.048	0.019	3.35	0.034	OK	0.57
NE+3.45	51	DER15	-0.007	-0.022	-0.018	3.45	0.035	OK	-0.53
NE+6.80	51	DER16	0.011	-0.048	0.019	3.35	0.034	OK	0.56
NE+3.45	51	DER16	0.005	-0.022	0.016	3.45	0.035	OK	0.46

0.571

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	52	DER1	0.043	0.013	0.017	3.35	0.034	OK	0.50
NE+3.45	52	DER1	0.020	0.006	-0.016	3.45	0.035	OK	-0.47
NE+6.80	52	DER2	0.042	-0.014	0.016	3.35	0.034	OK	0.49
NE+3.45	52	DER2	0.020	-0.007	-0.019	3.45	0.035	OK	-0.54
NE+6.80	52	DER3	-0.046	-0.013	0.018	3.35	0.034	OK	0.53
NE+3.45	52	DER3	-0.021	-0.006	-0.018	3.45	0.035	OK	-0.51
NE+6.80	52	DER4	-0.045	0.015	0.018	3.35	0.034	OK	0.53
NE+3.45	52	DER4	-0.021	0.007	-0.018	3.45	0.035	OK	-0.52
NE+6.80	52	DER5	0.014	0.046	0.018	3.35	0.034	OK	0.53
NE+3.45	52	DER5	0.007	0.021	-0.018	3.45	0.035	OK	-0.52
NE+6.80	52	DER6	-0.013	0.046	0.018	3.35	0.034	OK	0.54
NE+3.45	52	DER6	-0.006	0.021	-0.018	3.45	0.035	OK	-0.53
NE+6.80	52	DER7	-0.016	-0.045	0.018	3.35	0.034	OK	0.54
NE+3.45	52	DER7	-0.007	-0.021	-0.017	3.45	0.035	OK	-0.50
NE+6.80	52	DER8	0.010	-0.046	0.018	3.35	0.034	OK	0.53
NE+3.45	52	DER8	0.005	-0.021	-0.016	3.45	0.035	OK	-0.48
NE+6.80	52	DER9	0.043	0.013	0.017	3.35	0.034	OK	0.50
NE+3.45	52	DER9	0.020	0.006	-0.016	3.45	0.035	OK	-0.48
NE+6.80	52	DER10	0.042	-0.014	0.017	3.35	0.034	OK	0.50
NE+3.45	52	DER10	0.020	-0.007	-0.018	3.45	0.035	OK	-0.53
NE+6.80	52	DER11	-0.045	-0.013	0.018	3.35	0.034	OK	0.53
NE+3.45	52	DER11	-0.021	-0.006	-0.017	3.45	0.035	OK	-0.51
NE+6.80	52	DER12	-0.044	0.015	0.018	3.35	0.034	OK	0.53
NE+3.45	52	DER12	-0.020	0.007	-0.018	3.45	0.035	OK	-0.53
NE+6.80	52	DER13	0.014	0.046	0.018	3.35	0.034	OK	0.53
NE+3.45	52	DER13	0.007	0.021	-0.018	3.45	0.035	OK	-0.52
NE+6.80	52	DER14	-0.012	0.046	0.018	3.35	0.034	OK	0.54
NE+3.45	52	DER14	-0.006	0.021	-0.018	3.45	0.035	OK	-0.53
NE+6.80	52	DER15	-0.016	-0.045	0.018	3.35	0.034	OK	0.54
NE+3.45	52	DER15	-0.007	-0.021	-0.017	3.45	0.035	OK	-0.50
NE+6.80	52	DER16	0.011	-0.046	0.018	3.35	0.034	OK	0.53
NE+3.45	52	DER16	0.005	-0.021	0.015	3.45	0.035	OK	0.44

0.541

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	53	DER1	0.043	0.012	0.017	3.35	0.034	OK	0.50
NE+3.45	53	DER1	0.020	0.006	-0.016	3.45	0.035	OK	-0.47
NE+6.80	53	DER2	0.042	-0.014	0.016	3.35	0.034	OK	0.49
NE+3.45	53	DER2	0.020	-0.007	-0.018	3.45	0.035	OK	-0.54
NE+6.80	53	DER3	-0.046	-0.012	0.018	3.35	0.034	OK	0.53
NE+3.45	53	DER3	-0.021	-0.006	-0.018	3.45	0.035	OK	-0.51
NE+6.80	53	DER4	-0.045	0.014	0.018	3.35	0.034	OK	0.53
NE+3.45	53	DER4	-0.021	0.007	-0.017	3.45	0.035	OK	-0.49
NE+6.80	53	DER5	0.014	0.044	0.017	3.35	0.034	OK	0.51
NE+3.45	53	DER5	0.007	0.020	-0.017	3.45	0.035	OK	-0.50
NE+6.80	53	DER6	-0.013	0.044	0.017	3.35	0.034	OK	0.51
NE+3.45	53	DER6	-0.006	0.021	-0.017	3.45	0.035	OK	-0.51
NE+6.80	53	DER7	-0.016	-0.043	0.017	3.35	0.034	OK	0.52
NE+3.45	53	DER7	-0.007	-0.020	-0.017	3.45	0.035	OK	-0.48
NE+6.80	53	DER8	0.010	-0.044	0.017	3.35	0.034	OK	0.50
NE+3.45	53	DER8	0.005	-0.021	-0.017	3.45	0.035	OK	-0.49
NE+6.80	53	DER9	0.043	0.012	0.017	3.35	0.034	OK	0.50
NE+3.45	53	DER9	0.020	0.006	-0.016	3.45	0.035	OK	-0.48
NE+6.80	53	DER10	0.042	-0.014	0.017	3.35	0.034	OK	0.49
NE+3.45	53	DER10	0.020	-0.007	-0.018	3.45	0.035	OK	-0.53
NE+6.80	53	DER11	-0.045	-0.012	0.018	3.35	0.034	OK	0.53
NE+3.45	53	DER11	-0.021	-0.006	-0.017	3.45	0.035	OK	-0.50
NE+6.80	53	DER12	-0.044	0.014	0.018	3.35	0.034	OK	0.52
NE+3.45	53	DER12	-0.020	0.007	-0.017	3.45	0.035	OK	-0.49
NE+6.80	53	DER13	0.014	0.044	0.017	3.35	0.034	OK	0.51
NE+3.45	53	DER13	0.007	0.020	-0.017	3.45	0.035	OK	-0.50
NE+6.80	53	DER14	-0.013	0.044	0.017	3.35	0.034	OK	0.51
NE+3.45	53	DER14	-0.006	0.021	-0.017	3.45	0.035	OK	-0.50
NE+6.80	53	DER15	-0.016	-0.043	0.017	3.35	0.034	OK	0.52
NE+3.45	53	DER15	-0.007	-0.020	-0.017	3.45	0.035	OK	-0.48
NE+6.80	53	DER16	0.011	-0.044	0.017	3.35	0.034	OK	0.50
NE+3.45	53	DER16	0.005	-0.021	0.015	3.45	0.035	OK	0.43

0.532

2.3.1 DESPLAZAMIENTOS NUDOS

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+6.80	15	DER1	0.0424	0.0228	-0.0003	-0.0028	0.0049	0.0002
NE+6.80	15	DER2	0.0434	-0.0205	-0.0004	0.0040	0.0050	0.0007
NE+6.80	15	DER3	-0.0454	-0.0228	-0.0006	0.0043	-0.0076	-0.0002
NE+6.80	15	DER4	-0.0463	0.0205	-0.0005	-0.0024	-0.0076	-0.0006
NE+6.80	15	DER5	0.0102	0.0725	-0.0002	-0.0105	0.0005	-0.0007
NE+6.80	15	DER6	-0.0164	0.0718	-0.0003	-0.0104	-0.0033	-0.0009
NE+6.80	15	DER7	-0.0131	-0.0726	-0.0007	0.0120	-0.0032	0.0007
NE+6.80	15	DER8	0.0135	-0.0719	-0.0006	0.0119	0.0006	0.0009
NE+6.80	15	DER9	0.0427	0.0228	-0.0002	-0.0026	0.0050	0.0002
NE+6.80	15	DER10	0.0437	-0.0205	-0.0003	0.0041	0.0050	0.0007
NE+6.80	15	DER11	-0.0450	-0.0228	-0.0005	0.0044	-0.0076	-0.0002
NE+6.80	15	DER12	-0.0460	0.0205	-0.0004	-0.0023	-0.0076	-0.0006
NE+6.80	15	DER13	0.0105	0.0725	-0.0001	-0.0103	0.0005	-0.0007
NE+6.80	15	DER14	-0.0161	0.0718	-0.0002	-0.0102	-0.0032	-0.0009
NE+6.80	15	DER15	-0.0128	-0.0726	-0.0006	0.0121	-0.0032	0.0007
NE+6.80	15	DER16	0.0138	-0.0719	-0.0005	0.0120	0.0006	0.0009
NE+6.80	16	DER1	0.0423	0.0228	-0.0004	-0.0030	0.0055	0.0003
NE+6.80	16	DER2	0.0433	-0.0208	-0.0004	0.0045	0.0056	0.0006
NE+6.80	16	DER3	-0.0451	-0.0228	-0.0004	0.0046	-0.0059	-0.0002
NE+6.80	16	DER4	-0.0461	0.0208	-0.0004	-0.0028	-0.0060	-0.0006
NE+6.80	16	DER5	0.0102	0.0730	-0.0003	-0.0116	0.0013	-0.0004
NE+6.80	16	DER6	-0.0164	0.0724	-0.0003	-0.0116	-0.0021	-0.0007
NE+6.80	16	DER7	-0.0130	-0.0730	-0.0005	0.0133	-0.0018	0.0005
NE+6.80	16	DER8	0.0135	-0.0724	-0.0005	0.0132	0.0017	0.0007
NE+6.80	16	DER9	0.0426	0.0228	-0.0003	-0.0028	0.0055	0.0003
NE+6.80	16	DER10	0.0436	-0.0208	-0.0003	0.0047	0.0056	0.0006
NE+6.80	16	DER11	-0.0448	-0.0228	-0.0003	0.0048	-0.0059	-0.0003
NE+6.80	16	DER12	-0.0458	0.0208	-0.0003	-0.0027	-0.0060	-0.0006
NE+6.80	16	DER13	0.0105	0.0730	-0.0003	-0.0114	0.0014	-0.0004
NE+6.80	16	DER14	-0.0160	0.0724	-0.0003	-0.0114	-0.0021	-0.0007
NE+6.80	16	DER15	-0.0127	-0.0730	-0.0004	0.0134	-0.0017	0.0005
NE+6.80	16	DER16	0.0138	-0.0724	-0.0004	0.0134	0.0017	0.0007
NE+6.80	17	DER1	0.0422	0.0204	-0.0003	-0.0021	0.0054	0.0003
NE+6.80	17	DER2	0.0432	-0.0189	-0.0004	0.0039	0.0055	0.0006
NE+6.80	17	DER3	-0.0450	-0.0204	-0.0004	0.0040	-0.0060	-0.0003
NE+6.80	17	DER4	-0.0460	0.0189	-0.0003	-0.0020	-0.0061	-0.0006
NE+6.80	17	DER5	0.0102	0.0657	-0.0002	-0.0091	0.0013	-0.0004
NE+6.80	17	DER6	-0.0163	0.0652	-0.0002	-0.0090	-0.0022	-0.0006
NE+6.80	17	DER7	-0.0129	-0.0657	-0.0005	0.0109	-0.0018	0.0004
NE+6.80	17	DER8	0.0135	-0.0653	-0.0005	0.0109	0.0016	0.0007
NE+6.80	17	DER9	0.0425	0.0204	-0.0002	-0.0020	0.0055	0.0003
NE+6.80	17	DER10	0.0435	-0.0189	-0.0004	0.0040	0.0056	0.0006
NE+6.80	17	DER11	-0.0447	-0.0204	-0.0003	0.0041	-0.0059	-0.0003
NE+6.80	17	DER12	-0.0457	0.0189	-0.0002	-0.0019	-0.0060	-0.0006
NE+6.80	17	DER13	0.0105	0.0657	-0.0001	-0.0089	0.0013	-0.0004
NE+6.80	17	DER14	-0.0160	0.0652	-0.0001	-0.0089	-0.0021	-0.0006
NE+6.80	17	DER15	-0.0126	-0.0657	-0.0005	0.0111	-0.0018	0.0004
NE+6.80	17	DER16	0.0138	-0.0653	-0.0005	0.0111	0.0017	0.0007
NE+6.80	18	DER1	0.0421	0.0210	-0.0004	-0.0027	0.0054	0.0003
NE+6.80	18	DER2	0.0431	-0.0198	-0.0004	0.0042	0.0055	0.0006
NE+6.80	18	DER3	-0.0448	-0.0209	-0.0004	0.0044	-0.0059	-0.0003
NE+6.80	18	DER4	-0.0458	0.0199	-0.0004	-0.0026	-0.0060	-0.0006
NE+6.80	18	DER5	0.0102	0.0682	-0.0003	-0.0108	0.0013	-0.0003
NE+6.80	18	DER6	-0.0162	0.0679	-0.0004	-0.0107	-0.0021	-0.0006
NE+6.80	18	DER7	-0.0129	-0.0682	-0.0005	0.0124	-0.0018	0.0003
NE+6.80	18	DER8	0.0135	-0.0678	-0.0005	0.0124	0.0016	0.0006
NE+6.80	18	DER9	0.0424	0.0210	-0.0003	-0.0025	0.0054	0.0003
NE+6.80	18	DER10	0.0434	-0.0198	-0.0003	0.0044	0.0055	0.0006
NE+6.80	18	DER11	-0.0445	-0.0210	-0.0003	0.0045	-0.0059	-0.0003
NE+6.80	18	DER12	-0.0455	0.0199	-0.0003	-0.0024	-0.0060	-0.0006
NE+6.80	18	DER13	0.0105	0.0682	-0.0003	-0.0106	0.0013	-0.0003
NE+6.80	18	DER14	-0.0159	0.0679	-0.0003	-0.0106	-0.0021	-0.0006
NE+6.80	18	DER15	-0.0126	-0.0682	-0.0004	0.0126	-0.0018	0.0003
NE+6.80	18	DER16	0.0138	-0.0678	-0.0004	0.0126	0.0017	0.0006
NE+6.80	19	DER1	0.0420	0.0189	-0.0003	-0.0020	0.0054	0.0004
NE+6.80	19	DER2	0.0430	-0.0182	-0.0004	0.0038	0.0055	0.0006
NE+6.80	19	DER3	-0.0447	-0.0189	-0.0004	0.0038	-0.0059	-0.0003
NE+6.80	19	DER4	-0.0457	0.0182	-0.0003	-0.0019	-0.0060	-0.0006
NE+6.80	19	DER5	0.0102	0.0620	-0.0002	-0.0087	0.0013	-0.0003
NE+6.80	19	DER6	-0.0162	0.0618	-0.0002	-0.0087	-0.0021	-0.0006
NE+6.80	19	DER7	-0.0128	-0.0620	-0.0005	0.0105	-0.0018	0.0003
NE+6.80	19	DER8	0.0135	-0.0618	-0.0005	0.0105	0.0016	0.0006
NE+6.80	19	DER9	0.0423	0.0189	-0.0003	-0.0018	0.0054	0.0004
NE+6.80	19	DER10	0.0433	-0.0182	-0.0004	0.0039	0.0055	0.0006
NE+6.80	19	DER11	-0.0444	-0.0189	-0.0003	0.0040	-0.0058	-0.0003
NE+6.80	19	DER12	-0.0454	0.0182	-0.0002	-0.0018	-0.0059	-0.0006
NE+6.80	19	DER13	0.0104	0.0620	-0.0001	-0.0085	0.0013	-0.0003
NE+6.80	19	DER14	-0.0159	0.0618	-0.0001	-0.0085	-0.0021	-0.0006
NE+6.80	19	DER15	-0.0125	-0.0620	-0.0005	0.0107	-0.0017	0.0003
NE+6.80	19	DER16	0.0138	-0.0618	-0.0005	0.0107	0.0017	0.0006
NE+6.80	20	DER1	0.0419	0.0195	-0.0004	-0.0026	0.0053	0.0004
NE+6.80	20	DER2	0.0430	-0.0192	-0.0004	0.0042	0.0054	0.0006
NE+6.80	20	DER3	-0.0446	-0.0195	-0.0004	0.0042	-0.0058	-0.0004
NE+6.80	20	DER4	-0.0456	0.0192	-0.0004	-0.0025	-0.0059	-0.0006
NE+6.80	20	DER5	0.0101	0.0646	-0.0003	-0.0104	0.0013	-0.0003
NE+6.80	20	DER6	-0.0161	0.0645	-0.0004	-0.0104	-0.0021	-0.0006
NE+6.80	20	DER7	-0.0127	-0.0645	-0.0005	0.0120	-0.0018	0.0003
NE+6.80	20	DER8	0.0135	-0.0644	-0.0005	0.0120	0.0016	0.0006
NE+6.80	20	DER9	0.0422	0.0195	-0.0003	-0.0024	0.0054	0.0004
NE+6.80	20	DER10	0.0433	-0.0192	-0.0003	0.0043	0.0055	0.0006
NE+6.80	20	DER11	-0.0443	-0.0195	-0.0003	0.0044	-0.0058	-0.0004
NE+6.80	20	DER12	-0.0453	0.0192	-0.0003	-0.0023	-0.0059	-0.0006
NE+6.80	20	DER13	0.0104	0.0645	-0.0003	-0.0102	0.0013	-0.0003
NE+6.80	20	DER14	-0.0158	0.0645	-0.0003	-0.0102	-0.0021	-0.0006
NE+6.80	20	DER15	-0.0125	-0.0645	-0.0004	0.0122	-0.0017	0.0003
NE+6.80	20	DER16	0.0138	-0.0645	-0.0004	0.0122	0.0017	0.0006
NE+6.80	21	DER1	0.0419	0.0174	-0.0003	-0.0018	0.0053	0.0004
NE+6.80	21	DER2	0.0429	-0.0176	-0.0004	0.0037	0.0054	0.0007
NE+6.80	21	DER3	-0.0444	-0.0175	-0.0004	0.0037	-0.0058	-0.0003
NE+6.80	21	DER4	-0.0455	0.0176	-0.0003	-0.0018	-0.0059	-0.0006
NE+6.80	21	DER5	0.0101	0.0583	-0.0002	-0.0083	0.0013	-0.0003
NE+6.80	21	DER6	-0.0161	0.0583	-0.0002	-0.0083	-0.0021	-0.0006
NE+6.80	21	DER7	-0.0127	-0.0583	-0.0005	0.0101	-0.0018	0.0004
NE+6.80	21	DER8	0.0135	-0.0584	-0.0005	0.0101	0.0016	0.0007
NE+6.80	21	DER9	0.0422	0.0174	-0.0003	-0.0017	0.0054	0.0004
NE+6.80	21	DER10	0.0432	-0.0176	-0.0004	0.0038	0.0055	0.0007
NE+6.80	21	DER11	-0.0442	-0.0175	-0.0003	0.0038	-0.0058	-0.0003
NE+6.80	21	DER12	-0.0452	0.0176	-0.0002	-0.0017	-0.0059	-0.0006
NE+6.80	21	DER13	0.0104	0.0583	-0.0001	-0.0081	0.0013	-0.0003
NE+6.80	21	DER14	-0.0158	0.0583	-0.0001	-0.0081	-0.0021	-0.0006
NE+6.80	21	DER15	-0.0124	-0.0583	-0.0005	0.0103	-0.0017	0.0004
NE+6.80	21	DER16	0.0138	-0.0584	-0.0005	0.0103	0.0017	0.0007

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+6.80	43	DER7	-0.0165	-0.0729	-0.0003	0.0116	-0.0021	0.0007
NE+6.80	43	DER8	0.0103	-0.0723	-0.0003	0.0116	0.0013	0.0004
NE+6.80	43	DER9	0.0440	0.0229	-0.0003	-0.0049	0.0057	-0.0007
NE+6.80	43	DER10	0.0430	-0.0207	-0.0003	0.0026	0.0056	-0.0004
NE+6.80	43	DER11	-0.0462	-0.0227	-0.0003	0.0029	-0.0060	0.0007
NE+6.80	43	DER12	-0.0452	0.0209	-0.0003	-0.0046	-0.0059	0.0003
NE+6.80	43	DER13	0.0139	0.0731	-0.0004	-0.0135	0.0017	-0.0008
NE+6.80	43	DER14	-0.0128	0.0725	-0.0004	-0.0134	-0.0017	-0.0004
NE+6.80	43	DER15	-0.0162	-0.0729	-0.0003	0.0115	-0.0021	0.0007
NE+6.80	43	DER16	0.0106	-0.0723	-0.0003	0.0114	0.0014	0.0004
NE+6.80	44	DER1	0.0436	0.0205	-0.0004	-0.0040	0.0056	-0.0007
NE+6.80	44	DER2	0.0426	-0.0187	-0.0003	0.0020	0.0055	-0.0004
NE+6.80	44	DER3	-0.0464	-0.0203	-0.0003	0.0021	-0.0061	0.0007
NE+6.80	44	DER4	-0.0454	0.0190	-0.0004	-0.0039	-0.0060	0.0004
NE+6.80	44	DER5	0.0136	0.0658	-0.0005	-0.0110	0.0016	-0.0007
NE+6.80	44	DER6	-0.0131	0.0654	-0.0005	-0.0110	-0.0018	-0.0004
NE+6.80	44	DER7	-0.0164	-0.0656	-0.0002	0.0091	-0.0022	0.0007
NE+6.80	44	DER8	0.0103	-0.0651	-0.0002	0.0091	0.0013	0.0003
NE+6.80	44	DER9	0.0439	0.0205	-0.0004	-0.0042	0.0056	-0.0007
NE+6.80	44	DER10	0.0429	-0.0188	-0.0003	0.0018	0.0055	-0.0004
NE+6.80	44	DER11	-0.0461	-0.0203	-0.0002	0.0020	-0.0061	0.0007
NE+6.80	44	DER12	-0.0451	0.0190	-0.0003	-0.0040	-0.0060	0.0004
NE+6.80	44	DER13	0.0139	0.0658	-0.0005	-0.0111	0.0017	-0.0007
NE+6.80	44	DER14	-0.0128	0.0654	-0.0005	-0.0111	-0.0018	-0.0004
NE+6.80	44	DER15	-0.0161	-0.0656	-0.0001	0.0090	-0.0021	0.0007
NE+6.80	44	DER16	0.0106	-0.0651	-0.0001	0.0089	0.0013	0.0003
NE+6.80	45	DER1	0.0435	0.0211	-0.0004	-0.0044	0.0055	-0.0007
NE+6.80	45	DER2	0.0425	-0.0197	-0.0004	0.0026	0.0054	-0.0004
NE+6.80	45	DER3	-0.0462	-0.0209	-0.0004	0.0027	-0.0060	0.0007
NE+6.80	45	DER4	-0.0452	0.0200	-0.0004	-0.0043	-0.0059	0.0004
NE+6.80	45	DER5	0.0136	0.0683	-0.0005	-0.0124	0.0016	-0.0006
NE+6.80	45	DER6	-0.0130	0.0680	-0.0005	-0.0124	-0.0018	-0.0003
NE+6.80	45	DER7	-0.0164	-0.0681	-0.0004	0.0108	-0.0021	0.0006
NE+6.80	45	DER8	0.0103	-0.0677	-0.0003	0.0107	0.0013	0.0003
NE+6.80	45	DER9	0.0438	0.0211	-0.0003	-0.0045	0.0056	-0.0007
NE+6.80	45	DER10	0.0428	-0.0197	-0.0003	0.0024	0.0055	-0.0004
NE+6.80	45	DER11	-0.0459	-0.0209	-0.0003	0.0025	-0.0060	0.0007
NE+6.80	45	DER12	-0.0449	0.0199	-0.0003	-0.0044	-0.0059	0.0004
NE+6.80	45	DER13	0.0139	0.0683	-0.0004	-0.0126	0.0017	-0.0006
NE+6.80	45	DER14	-0.0127	0.0679	-0.0004	-0.0126	-0.0018	-0.0003
NE+6.80	45	DER15	-0.0161	-0.0681	-0.0003	0.0106	-0.0021	0.0006
NE+6.80	45	DER16	0.0106	-0.0678	-0.0003	0.0106	0.0013	0.0003
NE+6.80	46	DER1	0.0435	0.0190	-0.0004	-0.0039	0.0055	-0.0007
NE+6.80	46	DER2	0.0424	-0.0181	-0.0003	0.0019	0.0054	-0.0004
NE+6.80	46	DER3	-0.0461	-0.0188	-0.0003	0.0020	-0.0060	0.0007
NE+6.80	46	DER4	-0.0451	0.0184	-0.0004	-0.0038	-0.0059	0.0004
NE+6.80	46	DER5	0.0136	0.0621	-0.0005	-0.0106	0.0016	-0.0006
NE+6.80	46	DER6	-0.0129	0.0619	-0.0005	-0.0106	-0.0018	-0.0003
NE+6.80	46	DER7	-0.0163	-0.0619	-0.0002	0.0087	-0.0021	0.0006
NE+6.80	46	DER8	0.0103	-0.0616	-0.0002	0.0087	0.0013	0.0003
NE+6.80	46	DER9	0.0438	0.0190	-0.0004	-0.0040	0.0056	-0.0007
NE+6.80	46	DER10	0.0427	-0.0181	-0.0003	0.0018	0.0055	-0.0004
NE+6.80	46	DER11	-0.0458	-0.0188	-0.0002	0.0018	-0.0060	0.0007
NE+6.80	46	DER12	-0.0448	0.0183	-0.0003	-0.0039	-0.0059	0.0004
NE+6.80	46	DER13	0.0139	0.0621	-0.0005	-0.0107	0.0017	-0.0006
NE+6.80	46	DER14	-0.0126	0.0619	-0.0005	-0.0107	-0.0017	-0.0003
NE+6.80	46	DER15	-0.0160	-0.0619	-0.0001	0.0085	-0.0021	0.0006
NE+6.80	46	DER16	0.0106	-0.0617	-0.0001	0.0085	0.0013	0.0003
NE+6.80	47	DER1	0.0434	0.0196	-0.0004	-0.0042	0.0055	-0.0007
NE+6.80	47	DER2	0.0424	-0.0191	-0.0004	0.0025	0.0054	-0.0005
NE+6.80	47	DER3	-0.0460	-0.0194	-0.0004	0.0025	-0.0060	0.0007
NE+6.80	47	DER4	-0.0450	0.0193	-0.0004	-0.0042	-0.0059	0.0004
NE+6.80	47	DER5	0.0136	0.0646	-0.0005	-0.0121	0.0016	-0.0006
NE+6.80	47	DER6	-0.0129	0.0646	-0.0005	-0.0120	-0.0018	-0.0003
NE+6.80	47	DER7	-0.0162	-0.0644	-0.0004	0.0104	-0.0021	0.0006
NE+6.80	47	DER8	0.0103	-0.0643	-0.0004	0.0104	0.0013	0.0003
NE+6.80	47	DER9	0.0437	0.0196	-0.0003	-0.0044	0.0055	-0.0007
NE+6.80	47	DER10	0.0426	-0.0191	-0.0003	0.0023	0.0054	-0.0005
NE+6.80	47	DER11	-0.0457	-0.0194	-0.0003	0.0024	-0.0059	0.0007
NE+6.80	47	DER12	-0.0447	0.0193	-0.0003	-0.0044	-0.0058	0.0004
NE+6.80	47	DER13	0.0139	0.0646	-0.0004	-0.0122	0.0017	-0.0006
NE+6.80	47	DER14	-0.0126	0.0645	-0.0004	-0.0122	-0.0017	-0.0003
NE+6.80	47	DER15	-0.0159	-0.0644	-0.0003	0.0102	-0.0021	0.0006
NE+6.80	47	DER16	0.0105	-0.0644	-0.0003	0.0102	0.0013	0.0003
NE+6.80	48	DER1	0.0433	0.0176	-0.0004	-0.0037	0.0055	-0.0007
NE+6.80	48	DER2	0.0423	-0.0174	-0.0003	0.0018	0.0054	-0.0005
NE+6.80	48	DER3	-0.0459	-0.0173	-0.0003	0.0018	-0.0060	0.0007
NE+6.80	48	DER4	-0.0448	0.0177	-0.0004	-0.0037	-0.0059	0.0004
NE+6.80	48	DER5	0.0136	0.0585	-0.0005	-0.0102	0.0016	-0.0007
NE+6.80	48	DER6	-0.0128	0.0585	-0.0005	-0.0102	-0.0018	-0.0003
NE+6.80	48	DER7	-0.0162	-0.0582	-0.0002	0.0083	-0.0021	0.0007
NE+6.80	48	DER8	0.0102	-0.0582	-0.0002	0.0083	0.0013	0.0003
NE+6.80	48	DER9	0.0436	0.0175	-0.0004	-0.0039	0.0055	-0.0007
NE+6.80	48	DER10	0.0426	-0.0175	-0.0003	0.0017	0.0054	-0.0004
NE+6.80	48	DER11	-0.0456	-0.0173	-0.0002	0.0017	-0.0059	0.0007
NE+6.80	48	DER12	-0.0446	0.0177	-0.0003	-0.0039	-0.0058	0.0004
NE+6.80	48	DER13	0.0139	0.0584	-0.0005	-0.0103	0.0017	-0.0007
NE+6.80	48	DER14	-0.0125	0.0585	-0.0005	-0.0103	-0.0017	-0.0003
NE+6.80	48	DER15	-0.0159	-0.0582	-0.0001	0.0081	-0.0021	0.0007
NE+6.80	48	DER16	0.0105	-0.0583	-0.0001	0.0082	0.0013	0.0003
NE+6.80	49	DER1	0.0432	0.0178	-0.0004	-0.0040	0.0054	-0.0008
NE+6.80	49	DER2	0.0422	-0.0182	-0.0004	0.0023	0.0053	-0.0004
NE+6.80	49	DER3	-0.0457	-0.0176	-0.0004	0.0023	-0.0059	0.0008
NE+6.80	49	DER4	-0.0447	0.0184	-0.0004	-0.0040	-0.0058	0.0004
NE+6.80	49	DER5	0.0136	0.0599	-0.0005	-0.0113	0.0016	-0.0008
NE+6.80	49	DER6	-0.0128	0.0601	-0.0005	-0.0113	-0.0018	-0.0004
NE+6.80	49	DER7	-0.0161	-0.0597	-0.0004	0.0096	-0.0021	0.0008
NE+6.80	49	DER8	0.0102	-0.0599	-0.0004	0.0096	0.0013	0.0004
NE+6.80	49	DER9	0.0435	0.0177	-0.0003	-0.0041	0.0055	-0.0008
NE+6.80	49	DER10	0.0425	-0.0182	-0.0003	0.0021	0.0054	-0.0004
NE+6.80	49	DER11	-0.0454	-0.0176	-0.0003	0.0021	-0.0059	0.0008
NE+6.80	49	DER12	-0.0444	0.0183	-0.0003	-0.0042	-0.0058	0.0004
NE+6.80	49	DER13	0.0139	0.0599	-0.0004	-0.0115	0.0016	-0.0008
NE+6.80	49	DER14	-0.0125	0.0600	-0.0004	-0.0115	-0.0017	-0.0004
NE+6.80	49	DER15	-0.0159	-0.0597	-0.0003	0.0094	-0.0020	0.0008
NE+6.80	49	DER16	0.0105	-0.0599	-0.0003	0.0094	0.0013	0.0004
NE+6.80	50	DER1	0.0431	0.0150	-0.0003	-0.0031	0.0053	-0.0009
NE+6.80	50	DER2	0.0421	-0.0157	-0.0002	0.0015	0.0052	-0.0003
NE+6.80	50	DER3	-0.0456	-0.0148	-0.0003	0.0015	-0.0057	0.0009
NE+6.80	50	DER4	-0.0446	0.0160	-0.0004	-0.0031	-0.0056	0.0003
NE+6.80	50	DER5	0.0135	0.0512	-0.0004	-0.0085	0.0016	-0.0011
NE+6.80	50	DER6	-0.0128	0.0515	-0.0005	-0.0085	-0.0017	-0.0008

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+3.45	25	DER13	0.0049	0.0210	-0.0001	-0.0065	0.0012	-0.0002
NE+3.45	25	DER14	-0.0072	0.0213	-0.0001	-0.0066	-0.0018	-0.0002
NE+3.45	25	DER15	-0.0054	-0.0210	-0.0003	0.0072	-0.0014	0.0002
NE+3.45	25	DER16	0.0067	-0.0212	-0.0003	0.0072	0.0016	0.0002
NE+3.45	26	DER1	0.0195	0.0056	-0.0003	-0.0016	0.0058	-0.0001
NE+3.45	26	DER2	0.0200	-0.0067	-0.0003	0.0024	0.0059	0.0000
NE+3.45	26	DER3	-0.0202	-0.0055	0.0000	0.0020	-0.0067	0.0001
NE+3.45	26	DER4	-0.0208	0.0067	0.0000	-0.0019	-0.0068	0.0000
NE+3.45	26	DER5	0.0047	0.0202	-0.0001	-0.0063	0.0012	-0.0002
NE+3.45	26	DER6	-0.0073	0.0206	0.0000	-0.0064	-0.0026	-0.0002
NE+3.45	26	DER7	-0.0055	-0.0202	-0.0002	0.0068	-0.0021	0.0002
NE+3.45	26	DER8	0.0066	-0.0205	-0.0003	0.0069	0.0017	0.0002
NE+3.45	26	DER9	0.0196	0.0055	-0.0002	-0.0017	0.0059	-0.0001
NE+3.45	26	DER10	0.0201	-0.0067	-0.0003	0.0023	0.0060	0.0000
NE+3.45	26	DER11	-0.0201	-0.0055	0.0000	0.0019	-0.0065	0.0001
NE+3.45	26	DER12	-0.0207	0.0067	0.0000	-0.0021	-0.0067	0.0000
NE+3.45	26	DER13	0.0049	0.0202	-0.0001	-0.0065	0.0013	-0.0002
NE+3.45	26	DER14	-0.0072	0.0206	0.0000	-0.0066	-0.0025	-0.0002
NE+3.45	26	DER15	-0.0054	-0.0202	-0.0002	0.0066	-0.0020	0.0002
NE+3.45	26	DER16	0.0067	-0.0205	-0.0003	0.0068	0.0018	0.0002
NE+3.45	28	DER1	0.0198	0.0098	-0.0003	-0.0028	0.0074	-0.0001
NE+3.45	28	DER2	0.0199	-0.0083	-0.0003	0.0025	0.0074	0.0000
NE+3.45	28	DER3	-0.0206	-0.0097	-0.0003	0.0028	-0.0071	0.0001
NE+3.45	28	DER4	-0.0206	0.0084	-0.0003	-0.0025	-0.0071	0.0000
NE+3.45	28	DER5	0.0057	0.0305	-0.0003	-0.0088	0.0023	-0.0002
NE+3.45	28	DER6	-0.0065	0.0300	-0.0003	-0.0087	-0.0020	-0.0002
NE+3.45	28	DER7	-0.0064	-0.0304	-0.0003	0.0088	-0.0020	0.0002
NE+3.45	28	DER8	0.0057	-0.0300	-0.0003	0.0087	0.0023	0.0002
NE+3.45	28	DER9	0.0200	0.0098	-0.0002	-0.0028	0.0076	-0.0001
NE+3.45	28	DER10	0.0200	-0.0084	-0.0002	0.0025	0.0076	0.0000
NE+3.45	28	DER11	-0.0205	-0.0097	-0.0003	0.0028	-0.0070	0.0001
NE+3.45	28	DER12	-0.0205	0.0084	-0.0003	-0.0025	-0.0070	0.0000
NE+3.45	28	DER13	0.0058	0.0304	-0.0002	-0.0088	0.0025	-0.0002
NE+3.45	28	DER14	-0.0063	0.0300	-0.0003	-0.0087	-0.0019	-0.0002
NE+3.45	28	DER15	-0.0063	-0.0304	-0.0002	0.0088	-0.0019	0.0002
NE+3.45	28	DER16	0.0058	-0.0300	-0.0002	0.0087	0.0025	0.0002
NE+3.45	30	DER1	0.0198	0.0090	-0.0003	-0.0025	0.0064	-0.0001
NE+3.45	30	DER2	0.0199	-0.0080	-0.0003	0.0023	0.0064	0.0000
NE+3.45	30	DER3	-0.0206	-0.0089	-0.0003	0.0025	-0.0068	0.0001
NE+3.45	30	DER4	-0.0206	0.0081	-0.0003	-0.0023	-0.0068	0.0000
NE+3.45	30	DER5	0.0057	0.0285	-0.0003	-0.0080	0.0018	-0.0002
NE+3.45	30	DER6	-0.0065	0.0282	-0.0003	-0.0079	-0.0022	-0.0002
NE+3.45	30	DER7	-0.0064	-0.0284	-0.0003	0.0080	-0.0022	0.0002
NE+3.45	30	DER8	0.0057	-0.0281	-0.0003	0.0079	0.0018	0.0002
NE+3.45	30	DER9	0.0200	0.0090	-0.0002	-0.0025	0.0064	-0.0001
NE+3.45	30	DER10	0.0200	-0.0080	-0.0002	0.0023	0.0064	0.0000
NE+3.45	30	DER11	-0.0205	-0.0089	-0.0002	0.0025	-0.0067	0.0001
NE+3.45	30	DER12	-0.0205	0.0081	-0.0002	-0.0023	-0.0067	0.0000
NE+3.45	30	DER13	0.0058	0.0285	-0.0002	-0.0080	0.0018	-0.0002
NE+3.45	30	DER14	-0.0063	0.0282	-0.0002	-0.0079	-0.0021	-0.0002
NE+3.45	30	DER15	-0.0063	-0.0284	-0.0002	0.0080	-0.0021	0.0002
NE+3.45	30	DER16	0.0058	-0.0282	-0.0002	0.0079	0.0018	0.0002
NE+3.45	32	DER1	0.0198	0.0081	-0.0003	-0.0023	0.0064	-0.0001
NE+3.45	32	DER2	0.0199	-0.0077	-0.0003	0.0022	0.0064	0.0000
NE+3.45	32	DER3	-0.0206	-0.0081	-0.0003	0.0023	-0.0067	0.0001
NE+3.45	32	DER4	-0.0206	0.0077	-0.0003	-0.0022	-0.0067	0.0000
NE+3.45	32	DER5	0.0057	0.0265	-0.0003	-0.0075	0.0018	-0.0002
NE+3.45	32	DER6	-0.0065	0.0264	-0.0003	-0.0075	-0.0021	-0.0002
NE+3.45	32	DER7	-0.0064	-0.0264	-0.0003	0.0075	-0.0021	0.0002
NE+3.45	32	DER8	0.0057	-0.0263	-0.0003	0.0075	0.0018	0.0002
NE+3.45	32	DER9	0.0200	0.0081	-0.0002	-0.0023	0.0064	-0.0001
NE+3.45	32	DER10	0.0200	-0.0077	-0.0002	0.0022	0.0064	0.0000
NE+3.45	32	DER11	-0.0205	-0.0081	-0.0002	0.0023	-0.0067	0.0001
NE+3.45	32	DER12	-0.0205	0.0077	-0.0002	-0.0022	-0.0067	0.0000
NE+3.45	32	DER13	0.0058	0.0265	-0.0002	-0.0075	0.0018	-0.0002
NE+3.45	32	DER14	-0.0063	0.0263	-0.0002	-0.0075	-0.0021	-0.0002
NE+3.45	32	DER15	-0.0063	-0.0264	-0.0002	0.0075	-0.0021	0.0002
NE+3.45	32	DER16	0.0058	-0.0263	-0.0002	0.0075	0.0018	0.0002
NE+3.45	34	DER1	0.0198	0.0073	-0.0003	-0.0021	0.0063	-0.0001
NE+3.45	34	DER2	0.0199	-0.0074	-0.0003	0.0021	0.0063	0.0000
NE+3.45	34	DER3	-0.0206	-0.0073	-0.0003	0.0021	-0.0067	0.0001
NE+3.45	34	DER4	-0.0206	0.0074	-0.0003	-0.0021	-0.0067	0.0000
NE+3.45	34	DER5	0.0057	0.0245	-0.0003	-0.0071	0.0018	-0.0002
NE+3.45	34	DER6	-0.0065	0.0245	-0.0003	-0.0071	-0.0021	-0.0002
NE+3.45	34	DER7	-0.0064	-0.0244	-0.0003	0.0070	-0.0021	0.0002
NE+3.45	34	DER8	0.0057	-0.0245	-0.0003	0.0070	0.0018	0.0002
NE+3.45	34	DER9	0.0200	0.0073	-0.0002	-0.0021	0.0064	-0.0001
NE+3.45	34	DER10	0.0200	-0.0074	-0.0002	0.0021	0.0064	0.0000
NE+3.45	34	DER11	-0.0205	-0.0073	-0.0002	0.0021	-0.0066	0.0001
NE+3.45	34	DER12	-0.0205	0.0074	-0.0002	-0.0021	-0.0066	0.0000
NE+3.45	34	DER13	0.0058	0.0245	-0.0002	-0.0071	0.0018	-0.0002
NE+3.45	34	DER14	-0.0063	0.0245	-0.0002	-0.0071	-0.0021	-0.0002
NE+3.45	34	DER15	-0.0063	-0.0245	-0.0002	0.0070	-0.0021	0.0002
NE+3.45	34	DER16	0.0058	-0.0245	-0.0002	0.0070	0.0018	0.0002
NE+3.45	36	DER1	0.0198	0.0065	-0.0001	-0.0018	0.0048	-0.0001
NE+3.45	36	DER2	0.0199	-0.0070	-0.0001	0.0019	0.0048	0.0000
NE+3.45	36	DER3	-0.0206	-0.0065	-0.0003	0.0018	-0.0066	0.0001
NE+3.45	36	DER4	-0.0206	0.0071	-0.0003	-0.0020	-0.0066	0.0000
NE+3.45	36	DER5	0.0057	0.0225	-0.0002	-0.0063	0.0008	-0.0002
NE+3.45	36	DER6	-0.0065	0.0227	-0.0003	-0.0063	-0.0026	-0.0002
NE+3.45	36	DER7	-0.0064	-0.0225	-0.0002	0.0062	-0.0026	0.0002
NE+3.45	36	DER8	0.0057	-0.0226	-0.0002	0.0063	0.0009	0.0002
NE+3.45	36	DER9	0.0200	0.0065	-0.0001	-0.0018	0.0050	-0.0001
NE+3.45	36	DER10	0.0200	-0.0071	-0.0001	0.0019	0.0050	0.0000
NE+3.45	36	DER11	-0.0205	-0.0065	-0.0003	0.0018	-0.0064	0.0001
NE+3.45	36	DER12	-0.0205	0.0071	-0.0003	-0.0020	-0.0064	0.0000
NE+3.45	36	DER13	0.0058	0.0225	-0.0002	-0.0063	0.0010	-0.0002
NE+3.45	36	DER14	-0.0063	0.0227	-0.0002	-0.0063	-0.0024	-0.0002
NE+3.45	36	DER15	-0.0063	-0.0225	-0.0002	0.0063	-0.0024	0.0002
NE+3.45	36	DER16	0.0058	-0.0226	-0.0001	0.0063	0.0010	0.0002
NE+3.45	37	DER1	0.0198	0.0062	-0.0002	-0.0017	0.0050	-0.0001
NE+3.45	37	DER2	0.0199	-0.0069	-0.0002	0.0019	0.0050	0.0000
NE+3.45	37	DER3	-0.0206	-0.0062	-0.0002	0.0017	-0.0051	0.0001
NE+3.45	37	DER4	-0.0206	0.0070	-0.0002	-0.0019	-0.0051	0.0000
NE+3.45	37	DER5	0.0057	0.0217	-0.0002	-0.0059	0.0015	-0.0002
NE+3.45	37	DER6	-0.0065	0.0220	-0.0002	-0.0060	-0.0016	-0.0002
NE+3.45	37	DER7	-0.0064	-0.0217	-0.0002	0.0059	-0.0016	0.0002
NE+3.45	37	DER8	0.0057	-0.0219	-0.0002	0.0059	0.0015	0.0002
NE+3.45	37	DER9	0.0200	0.0062	-0.0002	-0.0017	0.0050	-0.0001
NE+3.45	37	DER10	0.0200	-0.0069	-0.0002	0.0019	0.0050	0.0000
NE+3.45	37	DER11	-0.0205	-0.0062	-0.0001	0.0017	-0.0051	0.0001
NE+3.45	37	DER12	-0.0205	0.0069	-0.0001	-0.0019	-0.0051	0.0000

NE+6.80	22	DER1	0.0418	0.0177	-0.0004	-0.0023	0.0053	0.0003
NE+6.80	22	DER2	0.0428	-0.0183	-0.0004	0.0040	0.0054	0.0007
NE+6.80	22	DER3	-0.0443	-0.0177	-0.0004	0.0039	-0.0058	-0.0003
NE+6.80	22	DER4	-0.0453	0.0183	-0.0004	-0.0023	-0.0059	-0.0007
NE+6.80	22	DER5	0.0101	0.0598	-0.0004	-0.0096	0.0013	-0.0004
NE+6.80	22	DER6	-0.0160	0.0600	-0.0004	-0.0096	-0.0021	-0.0007
NE+6.80	22	DER7	-0.0127	-0.0598	-0.0005	0.0113	-0.0018	0.0004
NE+6.80	22	DER8	0.0135	-0.0600	-0.0005	0.0113	0.0016	0.0008
NE+6.80	22	DER9	0.0421	0.0177	-0.0003	-0.0021	0.0053	0.0003
NE+6.80	22	DER10	0.0431	-0.0183	-0.0003	0.0042	0.0054	0.0007
NE+6.80	22	DER11	-0.0440	-0.0177	-0.0003	0.0041	-0.0057	-0.0003
NE+6.80	22	DER12	-0.0450	0.0183	-0.0003	-0.0021	-0.0058	-0.0007
NE+6.80	22	DER13	0.0104	0.0598	-0.0003	-0.0094	0.0013	-0.0004
NE+6.80	22	DER14	-0.0157	0.0600	-0.0003	-0.0094	-0.0020	-0.0007
NE+6.80	22	DER15	-0.0124	-0.0598	-0.0004	0.0114	-0.0017	0.0004
NE+6.80	22	DER16	0.0137	-0.0600	-0.0004	0.0115	0.0016	0.0008
NE+6.80	23	DER1	0.0417	0.0149	-0.0002	-0.0015	0.0052	0.0002
NE+6.80	23	DER2	0.0427	-0.0159	-0.0003	0.0031	0.0053	0.0008
NE+6.80	23	DER3	-0.0442	-0.0149	-0.0004	0.0030	-0.0056	-0.0002
NE+6.80	23	DER4	-0.0452	0.0158	-0.0003	-0.0015	-0.0057	-0.0008
NE+6.80	23	DER5	0.0101	0.0511	-0.0002	-0.0068	0.0013	-0.0008
NE+6.80	23	DER6	-0.0160	0.0514	-0.0002	-0.0068	-0.0020	-0.0011
NE+6.80	23	DER7	-0.0127	-0.0512	-0.0005	0.0084	-0.0017	0.0008
NE+6.80	23	DER8	0.0134	-0.0514	-0.0004	0.0084	0.0016	0.0011
NE+6.80	23	DER9	0.0420	0.0149	-0.0002	-0.0013	0.0052	0.0002
NE+6.80	23	DER10	0.0430	-0.0159	-0.0002	0.0033	0.0053	0.0008
NE+6.80	23	DER11	-0.0439	-0.0149	-0.0004	0.0032	-0.0056	-0.0002
NE+6.80	23	DER12	-0.0449	0.0158	-0.0003	-0.0014	-0.0057	-0.0008
NE+6.80	23	DER13	0.0104	0.0511	-0.0001	-0.0067	0.0013	-0.0008
NE+6.80	23	DER14	-0.0157	0.0514	-0.0001	-0.0067	-0.0020	-0.0011
NE+6.80	23	DER15	-0.0124	-0.0512	-0.0004	0.0086	-0.0017	0.0008
NE+6.80	23	DER16	0.0137	-0.0514	-0.0004	0.0086	0.0016	0.0011
NE+6.80	24	DER1	0.0416	0.0137	-0.0003	-0.0013	0.0050	0.0003
NE+6.80	24	DER2	0.0426	-0.0150	-0.0003	0.0028	0.0051	0.0007
NE+6.80	24	DER3	-0.0442	-0.0138	-0.0003	0.0027	-0.0055	-0.0003
NE+6.80	24	DER4	-0.0452	0.0149	-0.0002	-0.0014	-0.0056	-0.0007
NE+6.80	24	DER5	0.0101	0.0476	-0.0002	-0.0061	0.0012	-0.0005
NE+6.80	24	DER6	-0.0160	0.0480	-0.0002	-0.0061	-0.0020	-0.0008
NE+6.80	24	DER7	-0.0126	-0.0477	-0.0004	0.0075	-0.0017	0.0005
NE+6.80	24	DER8	0.0134	-0.0480	-0.0004	0.0075	0.0015	0.0008
NE+6.80	24	DER9	0.0419	0.0137	-0.0002	-0.0012	0.0050	0.0003
NE+6.80	24	DER10	0.0429	-0.0150	-0.0003	0.0029	0.0051	0.0007
NE+6.80	24	DER11	-0.0439	-0.0138	-0.0003	0.0028	-0.0054	-0.0003
NE+6.80	24	DER12	-0.0449	0.0149	-0.0002	-0.0012	-0.0055	-0.0007
NE+6.80	24	DER13	0.0104	0.0476	-0.0001	-0.0059	0.0012	-0.0005
NE+6.80	24	DER14	-0.0157	0.0480	-0.0001	-0.0060	-0.0019	-0.0008
NE+6.80	24	DER15	-0.0123	-0.0477	-0.0004	0.0076	-0.0016	0.0005
NE+6.80	24	DER16	0.0137	-0.0480	-0.0004	0.0076	0.0015	0.0008
NE+6.80	25	DER1	0.0416	0.0129	-0.0002	-0.0012	0.0050	0.0003
NE+6.80	25	DER2	0.0426	-0.0145	-0.0003	0.0026	0.0051	0.0006
NE+6.80	25	DER3	-0.0442	-0.0130	-0.0003	0.0025	-0.0055	-0.0003
NE+6.80	25	DER4	-0.0452	0.0144	-0.0003	-0.0013	-0.0056	-0.0006
NE+6.80	25	DER5	0.0101	0.0454	-0.0002	-0.0057	0.0012	-0.0004
NE+6.80	25	DER6	-0.0160	0.0459	-0.0002	-0.0057	-0.0020	-0.0007
NE+6.80	25	DER7	-0.0126	-0.0455	-0.0004	0.0070	-0.0017	0.0004
NE+6.80	25	DER8	0.0134	-0.0460	-0.0004	0.0070	0.0015	0.0007
NE+6.80	25	DER9	0.0419	0.0129	-0.0002	-0.0011	0.0051	0.0003
NE+6.80	25	DER10	0.0429	-0.0145	-0.0003	0.0028	0.0051	0.0006
NE+6.80	25	DER11	-0.0439	-0.0130	-0.0003	0.0026	-0.0054	-0.0003
NE+6.80	25	DER12	-0.0449	0.0144	-0.0002	-0.0012	-0.0055	-0.0006
NE+6.80	25	DER13	0.0104	0.0454	-0.0001	-0.0056	0.0012	-0.0004
NE+6.80	25	DER14	-0.0157	0.0459	-0.0001	-0.0056	-0.0019	-0.0007
NE+6.80	25	DER15	-0.0123	-0.0455	-0.0004	0.0071	-0.0016	0.0004
NE+6.80	25	DER16	0.0137	-0.0460	-0.0004	0.0072	0.0016	0.0007
NE+6.80	26	DER1	0.0416	0.0122	-0.0003	-0.0013	0.0056	0.0005
NE+6.80	26	DER2	0.0426	-0.0140	-0.0004	0.0023	0.0057	0.0008
NE+6.80	26	DER3	-0.0442	-0.0122	-0.0001	0.0021	-0.0061	-0.0005
NE+6.80	26	DER4	-0.0452	0.0140	0.0000	-0.0015	-0.0062	-0.0008
NE+6.80	26	DER5	0.0101	0.0434	-0.0001	-0.0056	0.0013	-0.0003
NE+6.80	26	DER6	-0.0160	0.0440	0.0000	-0.0057	-0.0022	-0.0007
NE+6.80	26	DER7	-0.0126	-0.0435	-0.0003	0.0064	-0.0019	0.0003
NE+6.80	26	DER8	0.0134	-0.0440	-0.0004	0.0064	0.0017	0.0007
NE+6.80	26	DER9	0.0419	0.0122	-0.0003	-0.0013	0.0056	0.0005
NE+6.80	26	DER10	0.0429	-0.0140	-0.0004	0.0023	0.0057	0.0008
NE+6.80	26	DER11	-0.0439	-0.0122	0.0000	0.0022	-0.0061	-0.0005
NE+6.80	26	DER12	-0.0449	0.0140	0.0000	-0.0014	-0.0062	-0.0008
NE+6.80	26	DER13	0.0104	0.0434	-0.0001	-0.0055	0.0013	-0.0003
NE+6.80	26	DER14	-0.0157	0.0440	0.0000	-0.0056	-0.0022	-0.0007
NE+6.80	26	DER15	-0.0123	-0.0435	-0.0002	0.0065	-0.0018	0.0003
NE+6.80	26	DER16	0.0137	-0.0440	-0.0003	0.0065	0.0017	0.0007
NE+6.80	28	DER1	0.0429	0.0228	-0.0004	-0.0032	0.0052	-0.0003
NE+6.80	28	DER2	0.0429	-0.0204	-0.0004	0.0029	0.0052	0.0002
NE+6.80	28	DER3	-0.0461	-0.0227	-0.0004	0.0031	-0.0081	0.0003
NE+6.80	28	DER4	-0.0461	0.0206	-0.0004	-0.0030	-0.0081	-0.0002
NE+6.80	28	DER5	0.0118	0.0725	-0.0004	-0.0102	0.0005	-0.0007
NE+6.80	28	DER6	-0.0149	0.0719	-0.0004	-0.0102	-0.0035	-0.0007
NE+6.80	28	DER7	-0.0149	-0.0724	-0.0004	0.0102	-0.0035	0.0007
NE+6.80	28	DER8	0.0118	-0.0717	-0.0004	0.0101	0.0005	0.0007
NE+6.80	28	DER9	0.0433	0.0228	-0.0003	-0.0032	0.0052	-0.0003
NE+6.80	28	DER10	0.0433	-0.0205	-0.0003	0.0029	0.0052	0.0002
NE+6.80	28	DER11	-0.0458	-0.0227	-0.0003	0.0031	-0.0081	0.0003
NE+6.80	28	DER12	-0.0458	0.0205	-0.0004	-0.0030	-0.0081	-0.0002
NE+6.80	28	DER13	0.0121	0.0725	-0.0003	-0.0102	0.0005	-0.0007
NE+6.80	28	DER14	-0.0146	0.0718	-0.0003	-0.0102	-0.0034	-0.0007
NE+6.80	28	DER15	-0.0146	-0.0724	-0.0003	0.0102	-0.0035	0.0007
NE+6.80	28	DER16	0.0121	-0.0718	-0.0003	0.0101	0.0005	0.0007
NE+6.80	30	DER1	0.0427	0.0204	-0.0003	-0.0028	0.0059	-0.0002
NE+6.80	30	DER2	0.0427	-0.0188	-0.0003	0.0026	0.0059	0.0001
NE+6.80	30	DER3	-0.0457	-0.0203	-0.0003	0.0027	-0.0066	0.0002
NE+6.80	30	DER4	-0.0457	0.0189	-0.0003	-0.0026	-0.0066	-0.0001
NE+6.80	30	DER5	0.0117	0.0657	-0.0003	-0.0090	0.0015	-0.0004
NE+6.80	30	DER6	-0.0148	0.0652	-0.0003	-0.0089	-0.0022	-0.0004
NE+6.80	30	DER7	-0.0148	-0.0656	-0.0003	0.0089	-0.0022	0.0004
NE+6.80	30	DER8	0.0118	-0.0651	-0.0003	0.0089	0.0015	0.0004
NE+6.80	30	DER9	0.0430	0.0204	-0.0003	-0.0028	0.0060	-0.0002
NE+6.80	30	DER10	0.0430	-0.0188	-0.0003	0.0026	0.0060	0.0001
NE+6.80	30	DER11	-0.0454	-0.0203	-0.0003	0.0027	-0.0065	0.0002
NE+6.80	30	DER12	-0.0454	0.0189	-0.0003	-0.0026	-0.0065	-0.0001
NE+6.80	30	DER13	0.0121	0.0657	-0.0003	-0.0090	0.0016	-0.0004
NE+6.80	30	DER14	-0.0145	0.0652	-0.0003	-0.0089	-0.0022	-0.0004
NE+6.80	30	DER15	-0.0145	-0.0656	-0.0002	0.0089	-0.0022	0.0004
NE+6.80	30	DER16	0.0121	-0.0651	-0.0002	0.0089	0.0016	0.0004
NE+6.80	32	DER1	0.0424	0.0189	-0.0003	-0.0026	0.0058	-0.0002
NE+6.80	32	DER2	0.0424	-0.0181	-0.0003	0.0025	0.0058	0.0001
NE+6.80	32	DER3	-0.0453	-0.0188	-0.0003	0.0026	-0.0065	0.0002
NE+6.80	32	DER4	-0.0453	0.0183	-0.0003	-0.0026	-0.0065	-0.0001
NE+6.80	32	DER5	0.0117	0.0620	-0.0003	-0.0086	0.0015	-0.0004
NE+6.80	32	DER6	-0.0146	0.0618	-0.0003	-0.0086	-0.0022	-0.0004

NE+6.80	50	DER7	-0.0161	-0.0510	-0.0002	0.0068	-0.0020	0.0011
NE+6.80	50	DER8	0.0102	-0.0513	-0.0002	0.0069	0.0013	0.0008
NE+6.80	50	DER9	0.0434	0.0150	-0.0002	-0.0032	0.0053	-0.0009
NE+6.80	50	DER10	0.0424	-0.0158	-0.0002	0.0014	0.0052	-0.0003
NE+6.80	50	DER11	-0.0453	-0.0148	-0.0003	0.0013	-0.0057	0.0009
NE+6.80	50	DER12	-0.0443	0.0159	-0.0004	-0.0033	-0.0056	0.0003
NE+6.80	50	DER13	0.0138	0.0512	-0.0004	-0.0086	0.0016	-0.0011
NE+6.80	50	DER14	-0.0125	0.0515	-0.0004	-0.0086	-0.0017	-0.0008
NE+6.80	50	DER15	-0.0158	-0.0511	-0.0002	0.0067	-0.0020	0.0011
NE+6.80	50	DER16	0.0105	-0.0513	-0.0001	0.0067	0.0013	0.0008
NE+6.80	51	DER1	0.0430	0.0138	-0.0003	-0.0027	0.0051	-0.0008
NE+6.80	51	DER2	0.0420	-0.0149	-0.0003	0.0014	0.0050	-0.0004
NE+6.80	51	DER3	-0.0456	-0.0136	-0.0002	0.0013	-0.0056	0.0007
NE+6.80	51	DER4	-0.0446	0.0151	-0.0003	-0.0028	-0.0055	0.0004
NE+6.80	51	DER5	0.0135	0.0477	-0.0004	-0.0075	0.0015	-0.0008
NE+6.80	51	DER6	-0.0127	0.0481	-0.0004	-0.0075	-0.0017	-0.0005
NE+6.80	51	DER7	-0.0161	-0.0476	-0.0002	0.0061	-0.0020	0.0008
NE+6.80	51	DER8	0.0102	-0.0479	-0.0002	0.0061	0.0012	0.0004
NE+6.80	51	DER9	0.0433	0.0138	-0.0003	-0.0028	0.0052	-0.0008
NE+6.80	51	DER10	0.0423	-0.0149	-0.0002	0.0013	0.0051	-0.0004
NE+6.80	51	DER11	-0.0453	-0.0137	-0.0002	0.0012	-0.0056	0.0007
NE+6.80	51	DER12	-0.0443	0.0151	-0.0003	-0.0029	-0.0055	0.0004
NE+6.80	51	DER13	0.0138	0.0477	-0.0004	-0.0076	0.0015	-0.0008
NE+6.80	51	DER14	-0.0125	0.0481	-0.0004	-0.0076	-0.0016	-0.0005
NE+6.80	51	DER15	-0.0158	-0.0476	-0.0001	0.0059	-0.0019	0.0008
NE+6.80	51	DER16	0.0105	-0.0480	-0.0001	0.0060	0.0012	0.0004
NE+6.80	52	DER1	0.0430	0.0130	-0.0003	-0.0025	0.0051	-0.0007
NE+6.80	52	DER2	0.0420	-0.0144	-0.0002	0.0013	0.0050	-0.0004
NE+6.80	52	DER3	-0.0456	-0.0128	-0.0003	0.0012	-0.0056	0.0007
NE+6.80	52	DER4	-0.0446	0.0146	-0.0003	-0.0026	-0.0055	0.0004
NE+6.80	52	DER5	0.0135	0.0455	-0.0004	-0.0070	0.0015	-0.0007
NE+6.80	52	DER6	-0.0127	0.0460	-0.0004	-0.0071	-0.0017	-0.0004
NE+6.80	52	DER7	-0.0161	-0.0454	-0.0002	0.0057	-0.0020	0.0007
NE+6.80	52	DER8	0.0102	-0.0458	-0.0002	0.0057	0.0012	0.0004
NE+6.80	52	DER9	0.0433	0.0130	-0.0003	-0.0026	0.0052	-0.0007
NE+6.80	52	DER10	0.0423	-0.0144	-0.0002	0.0012	0.0051	-0.0004
NE+6.80	52	DER11	-0.0453	-0.0129	-0.0002	0.0011	-0.0056	0.0007
NE+6.80	52	DER12	-0.0443	0.0146	-0.0003	-0.0028	-0.0055	0.0004
NE+6.80	52	DER13	0.0138	0.0455	-0.0003	-0.0071	0.0016	-0.0007
NE+6.80	52	DER14	-0.0124	0.0460	-0.0004	-0.0072	-0.0016	-0.0004
NE+6.80	52	DER15	-0.0158	-0.0454	-0.0001	0.0056	-0.0019	0.0007
NE+6.80	52	DER16	0.0105	-0.0459	-0.0001	0.0056	0.0013	0.0004
NE+6.80	53	DER1	0.0430	0.0122	-0.0004	-0.0021	0.0057	-0.0009
NE+6.80	53	DER2	0.0420	-0.0140	-0.0003	0.0015	0.0056	-0.0006
NE+6.80	53	DER3	-0.0456	-0.0121	0.0000	0.0014	-0.0062	0.0009
NE+6.80	53	DER4	-0.0446	0.0141	-0.0001	-0.0023	-0.0061	0.0006
NE+6.80	53	DER5	0.0135	0.0435	-0.0004	-0.0064	0.0017	-0.0007
NE+6.80	53	DER6	-0.0127	0.0441	-0.0003	-0.0064	-0.0019	-0.0003
NE+6.80	53	DER7	-0.0161	-0.0434	0.0000	0.0056	-0.0022	0.0007
NE+6.80	53	DER8	0.0102	-0.0440	-0.0001	0.0057	0.0013	0.0003
NE+6.80	53	DER9	0.0433	0.0122	-0.0004	-0.0022	0.0057	-0.0009
NE+6.80	53	DER10	0.0423	-0.0140	-0.0003	0.0014	0.0056	-0.0006
NE+6.80	53	DER11	-0.0453	-0.0121	0.0000	0.0013	-0.0062	0.0009
NE+6.80	53	DER12	-0.0443	0.0141	0.0000	-0.0023	-0.0061	0.0006
NE+6.80	53	DER13	0.0138	0.0435	-0.0003	-0.0065	0.0017	-0.0007
NE+6.80	53	DER14	-0.0125	0.0441	-0.0002	-0.0065	-0.0019	-0.0003
NE+6.80	53	DER15	-0.0158	-0.0434	0.0000	0.0056	-0.0022	0.0007
NE+6.80	53	DER16	0.0105	-0.0440	-0.0001	0.0056	0.0014	0.0003
NE+3.45	15	DER1	0.0195	0.0098	-0.0002	-0.0027	0.0062	-0.0001
NE+3.45	15	DER2	0.0200	-0.0083	-0.0003	0.0036	0.0063	0.0000
NE+3.45	15	DER3	-0.0202	-0.0097	-0.0005	0.0041	-0.0071	0.0001
NE+3.45	15	DER4	-0.0208	0.0084	-0.0004	-0.0022	-0.0072	0.0000
NE+3.45	15	DER5	0.0047	0.0305	-0.0002	-0.0099	0.0014	-0.0002
NE+3.45	15	DER6	-0.0073	0.0300	-0.0002	-0.0098	-0.0026	-0.0002
NE+3.45	15	DER7	-0.0055	-0.0304	-0.0005	0.0114	-0.0023	0.0002
NE+3.45	15	DER8	0.0066	-0.0300	-0.0005	0.0112	0.0018	0.0002
NE+3.45	15	DER9	0.0196	0.0098	-0.0001	-0.0031	0.0065	-0.0001
NE+3.45	15	DER10	0.0201	-0.0084	-0.0002	0.0033	0.0066	0.0000
NE+3.45	15	DER11	-0.0201	-0.0097	-0.0004	0.0037	-0.0068	0.0001
NE+3.45	15	DER12	-0.0207	0.0084	-0.0003	-0.0026	-0.0069	0.0000
NE+3.45	15	DER13	0.0049	0.0304	-0.0001	-0.0103	0.0016	-0.0002
NE+3.45	15	DER14	-0.0072	0.0300	-0.0001	-0.0102	-0.0024	-0.0002
NE+3.45	15	DER15	-0.0054	-0.0304	-0.0004	0.0110	-0.0020	0.0002
NE+3.45	15	DER16	0.0067	-0.0300	-0.0004	0.0108	0.0020	0.0002
NE+3.45	16	DER1	0.0195	0.0094	-0.0003	-0.0035	0.0053	-0.0001
NE+3.45	16	DER2	0.0200	-0.0082	-0.0003	0.0034	0.0054	0.0000
NE+3.45	16	DER3	-0.0202	-0.0093	-0.0003	0.0037	-0.0057	0.0001
NE+3.45	16	DER4	-0.0208	0.0082	-0.0003	-0.0032	-0.0058	0.0000
NE+3.45	16	DER5	0.0047	0.0294	-0.0003	-0.0114	0.0013	-0.0002
NE+3.45	16	DER6	-0.0073	0.0291	-0.0003	-0.0113	-0.0021	-0.0002
NE+3.45	16	DER7	-0.0055	-0.0294	-0.0004	0.0116	-0.0017	0.0002
NE+3.45	16	DER8	0.0066	-0.0290	-0.0004	0.0115	0.0017	0.0002
NE+3.45	16	DER9	0.0196	0.0094	-0.0002	-0.0038	0.0053	-0.0001
NE+3.45	16	DER10	0.0201	-0.0082	-0.0003	0.0031	0.0055	0.0000
NE+3.45	16	DER11	-0.0201	-0.0093	-0.0003	0.0034	-0.0057	0.0001
NE+3.45	16	DER12	-0.0207	0.0082	-0.0002	-0.0035	-0.0058	0.0000
NE+3.45	16	DER13	0.0049	0.0294	-0.0002	-0.0117	0.0013	-0.0002
NE+3.45	16	DER14	-0.0072	0.0291	-0.0002	-0.0116	-0.0020	-0.0002
NE+3.45	16	DER15	-0.0054	-0.0294	-0.0003	0.0113	-0.0016	0.0002
NE+3.45	16	DER16	0.0067	-0.0291	-0.0003	0.0112	0.0017	0.0002
NE+3.45	17	DER1	0.0195	0.0090	-0.0003	-0.0024	0.0055	-0.0001
NE+3.45	17	DER2	0.0200	-0.0080	-0.0003	0.0035	0.0056	0.0000
NE+3.45	17	DER3	-0.0202	-0.0089	-0.0003	0.0037	-0.0057	0.0001
NE+3.45	17	DER4	-0.0208	0.0081	-0.0002	-0.0021	-0.0058	0.0000
NE+3.45	17	DER5	0.0047	0.0285	-0.0001	-0.0091	0.0013	-0.0002
NE+3.45	17	DER6	-0.0073	0.0282	-0.0001	-0.0090	-0.0020	-0.0002
NE+3.45	17	DER7	-0.0055	-0.0284	-0.0004	0.0105	-0.0016	0.0002
NE+3.45	17	DER8	0.0066	-0.0281	-0.0004	0.0104	0.0018	0.0002
NE+3.45	17	DER9	0.0196	0.0090	-0.0002	-0.0028	0.0055	-0.0001
NE+3.45	17	DER10	0.0201	-0.0080	-0.0003	0.0031	0.0056	0.0000
NE+3.45	17	DER11	-0.0201	-0.0089	-0.0003	0.0033	-0.0057	0.0001
NE+3.45	17	DER12	-0.0207	0.0081	-0.0002	-0.0025	-0.0058	0.0000
NE+3.45	17	DER13	0.0049	0.0285	-0.0001	-0.0095	0.0014	-0.0002
NE+3.45	17	DER14	-0.0072	0.0282	-0.0001	-0.0094	-0.0020	-0.0002
NE+3.45	17	DER15	-0.0054	-0.0284	-0.0004	0.0101	-0.0016	0.0002
NE+3.45	17	DER16	0.0067	-0.0282	-0.0004	0.0100	0.0018	0.0002
NE+3.45	18	DER1	0.0195	0.0085	-0.0003	-0.0032	0.0053	-0.0001
NE+3.45	18	DER2	0.0200	-0.0079	-0.0003	0.0032	0.0055	0.0000
NE+3.45	18	DER3	-0.0202	-0.0085	-0.0003	0.0034	-0.0057	0.0001
NE+3.45	18	DER4	-0.0208	0.0079	-0.0003	-0.0030	-0.0058	0.0000
NE+3.45	18	DER5	0.0047	0.0275	-0.0003	-0.0106	0.0013	-0.0002
NE+3.45	18	DER6	-0.0073	0.0273	-0.0003	-0.0106	-0.0021	-0.0002
NE+3.45	18	DER7	-0.0055	-0.0274	-0.0004	0.0109	-0.0017	0.0002
NE+3.45	18	DER8	0.0066	-0.0272	-0.0004	0.0108	0.0017	0.0002
NE+3.45	18	DER9	0.0196	0.0085	-0.0002	-0.0035	0.0054	-0.0001
NE+3.45	18	DER10	0.0201	-0.0079	-0.0003	0.0030	0.0055	0.0000
NE+3.45	18	DER11	-0.0201	-0.0085	-0.0003	0.0031	-0.0057	0.0001
NE+3.45	18	DER12	-0.0207	0.0079	-0.0002	-0.0033	-0.0058	0.0000

NE+3.45	37	DER13	0.0058	0.0217	-0.0002	-0.0059	0.0015	-0.0002
NE+3.45	37	DER14	-0.0063	0.0220	-0.0001	-0.0060	-0.0016	-0.0002
NE+3.45	37	DER15	-0.0063	-0.0217	-0.0001	0.0059	-0.0016	0.0002
NE+3.45	37	DER16	0.0058	-0.0220	-0.0001	0.0060	0.0015	0.0002
NE+3.45	38	DER1	0.0198	0.0059	-0.0002	-0.0016	0.0049	-0.0001
NE+3.45	38	DER2	0.0199	-0.0068	-0.0002	0.0018	0.0049	0.0000
NE+3.45	38	DER3	-0.0206	-0.0058	-0.0002	0.0016	-0.0052	0.0001
NE+3.45	38	DER4	-0.0206	0.0068	-0.0002	-0.0018	-0.0052	0.0000
NE+3.45	38	DER5	0.0057	0.0210	-0.0002	-0.0057	0.0014	-0.0002
NE+3.45	38	DER6	-0.0065	0.0213	-0.0002	-0.0057	-0.0017	-0.0002
NE+3.45	38	DER7	-0.0064	-0.0210	-0.0002	0.0056	-0.0017	0.0002
NE+3.45	38	DER8	0.0057	-0.0212	-0.0002	0.0057	0.0014	0.0002
NE+3.45	38	DER9	0.0200	0.0059	-0.0001	-0.0016	0.0049	-0.0001
NE+3.45	38	DER10	0.0200	-0.0068	-0.0001	0.0018	0.0049	0.0000
NE+3.45	38	DER11	-0.0205	-0.0058	-0.0001	0.0016	-0.0051	0.0001
NE+3.45	38	DER12	-0.0205	0.0068	-0.0001	-0.0018	-0.0051	0.0000
NE+3.45	38	DER13	0.0058	0.0210	-0.0001	-0.0057	0.0014	-0.0002
NE+3.45	38	DER14	-0.0063	0.0213	-0.0001	-0.0057	-0.0016	-0.0002
NE+3.45	38	DER15	-0.0063	-0.0210	-0.0001	0.0056	-0.0016	0.0002
NE+3.45	38	DER16	0.0058	-0.0212	-0.0001	0.0057	0.0014	0.0002
NE+3.45	39	DER1	0.0198	0.0056	-0.0003	-0.0015	0.0058	-0.0001
NE+3.45	39	DER2	0.0199	-0.0067	-0.0003	0.0017	0.0058	0.0000
NE+3.45	39	DER3	-0.0206	-0.0055	0.0000	0.0015	-0.0067	0.0001
NE+3.45	39	DER4	-0.0206	0.0067	0.0000	-0.0018	-0.0067	0.0000
NE+3.45	39	DER5	0.0057	0.0202	-0.0002	-0.0054	0.0014	-0.0002
NE+3.45	39	DER6	-0.0065	0.0206	-0.0001	-0.0055	-0.0024	-0.0002
NE+3.45	39	DER7	-0.0064	-0.0202	-0.0001	0.0054	-0.0024	0.0002
NE+3.45	39	DER8	0.0057	-0.0205	-0.0002	0.0055	0.0014	0.0002
NE+3.45	39	DER9	0.0200	0.0055	-0.0002	-0.0015	0.0059	-0.0001
NE+3.45	39	DER10	0.0200	-0.0067	-0.0002	0.0017	0.0059	0.0000
NE+3.45	39	DER11	-0.0205	-0.0055	0.0000	0.0015	-0.0066	0.0001
NE+3.45	39	DER12	-0.0205	0.0067	0.0000	-0.0018	-0.0066	0.0000
NE+3.45	39	DER13	0.0058	0.0202	-0.0002	-0.0054	0.0015	-0.0002
NE+3.45	39	DER14	-0.0063	0.0206	-0.0001	-0.0055	-0.0023	-0.0002
NE+3.45	39	DER15	-0.0063	-0.0202	-0.0001	0.0054	-0.0023	0.0002
NE+3.45	39	DER16	0.0058	-0.0205	-0.0001	0.0055	0.0015	0.0002
NE+3.45	42	DER1	0.0202	0.0098	-0.0003	-0.0041	0.0064	-0.0001
NE+3.45	42	DER2	0.0197	-0.0083	-0.0002	0.0023	0.0063	0.0000
NE+3.45	42	DER3	-0.0210	-0.0097	-0.0004	0.0026	-0.0073	0.0001
NE+3.45	42	DER4	-0.0205	0.0084	-0.0005	-0.0038	-0.0071	0.0000
NE+3.45	42	DER5	0.0066	0.0305	-0.0005	-0.0114	0.0018	-0.0002
NE+3.45	42	DER6	-0.0056	0.0300	-0.0005	-0.0113	-0.0023	-0.0002
NE+3.45	42	DER7	-0.0074	-0.0304	-0.0002	0.0100	-0.0027	0.0002
NE+3.45	42	DER8	0.0048	-0.0300	-0.0002	0.0099	0.0014	0.0002
NE+3.45	42	DER9	0.0204	0.0098	-0.0002	-0.0036	0.0066	-0.0001
NE+3.45	42	DER10	0.0198	-0.0084	-0.0001	0.0027	0.0065	0.0000
NE+3.45	42	DER11	-0.0209	-0.0097	-0.0003	0.0030	-0.0070	0.0001
NE+3.45	42	DER12	-0.0203	0.0084	-0.0004	-0.0034	-0.0069	0.0000
NE+3.45	42	DER13	0.0068	0.0304	-0.0004	-0.0110	0.0020	-0.0002
NE+3.45	42	DER14	-0.0055	0.0300	-0.0004	-0.0109	-0.0020	-0.0002
NE+3.45	42	DER15	-0.0073	-0.0304	-0.0001	0.0104	-0.0024	0.0002
NE+3.45	42	DER16	0.0049	-0.0300	-0.0001	0.0103	0.0017	0.0002
NE+3.45	43	DER1	0.0202	0.0094	-0.0003	-0.0038	0.0055	-0.0001
NE+3.45	43	DER2	0.0197	-0.0082	-0.0003	0.0031	0.0053	0.0000
NE+3.45	43	DER3	-0.0210	-0.0093	-0.0003	0.0035	-0.0059	0.0001
NE+3.45	43	DER4	-0.0205	0.0082	-0.0003	-0.0034	-0.0057	0.0000
NE+3.45	43	DER5	0.0066	0.0294	-0.0004	-0.0117	0.0017	-0.0002
NE+3.45	43	DER6	-0.0056	0.0291	-0.0004	-0.0116	-0.0017	-0.0002
NE+3.45	43	DER7	-0.0074	-0.0294	-0.0003	0.0114	-0.0021	0.0002
NE+3.45	43	DER8	0.0048	-0.0290	-0.0003	0.0113	0.0013	0.0002
NE+3.45	43	DER9	0.0204	0.0094	-0.0003	-0.0035	0.0055	-0.0001
NE+3.45	43	DER10	0.0198	-0.0082	-0.0002	0.0034	0.0054	0.0000
NE+3.45	43	DER11	-0.0209	-0.0093	-0.0002	0.0038	-0.0058	0.0001
NE+3.45	43	DER12	-0.0203	0.0082	-0.0003	-0.0031	-0.0057	0.0000
NE+3.45	43	DER13	0.0068	0.0294	-0.0003	-0.0114	0.0017	-0.0002
NE+3.45	43	DER14	-0.0055	0.0291	-0.0003	-0.0113	-0.0016	-0.0002
NE+3.45	43	DER15	-0.0073	-0.0294	-0.0002	0.0117	-0.0021	0.0002
NE+3.45	43	DER16	0.0049	-0.0291	-0.0002	0.0116	0.0013	0.0002
NE+3.45	44	DER1	0.0202	0.0090	-0.0003	-0.0038	0.0056	-0.0001
NE+3.45	44	DER2	0.0197	-0.0080	-0.0003	0.0021	0.0055	0.0000
NE+3.45	44	DER3	-0.0210	-0.0089	-0.0002	0.0024	-0.0059	0.0001
NE+3.45	44	DER4	-0.0205	0.0081	-0.0003	-0.0035	-0.0058	0.0000
NE+3.45	44	DER5	0.0066	0.0285	-0.0004	-0.0105	0.0018	-0.0002
NE+3.45	44	DER6	-0.0056	0.0282	-0.0004	-0.0105	-0.0016	-0.0002
NE+3.45	44	DER7	-0.0074	-0.0284	-0.0002	0.0092	-0.0021	0.0002
NE+3.45	44	DER8	0.0048	-0.0281	-0.0002	0.0091	0.0014	0.0002
NE+3.45	44	DER9	0.0204	0.0090	-0.0003	-0.0033	0.0057	-0.0001
NE+3.45	44	DER10	0.0198	-0.0080	-0.0002	0.0025	0.0055	0.0000
NE+3.45	44	DER11	-0.0209	-0.0089	-0.0002	0.0028	-0.0059	0.0001
NE+3.45	44	DER12	-0.0203	0.0081	-0.0003	-0.0031	-0.0057	0.0000
NE+3.45	44	DER13	0.0068	0.0285	-0.0004	-0.0101	0.0018	-0.0002
NE+3.45	44	DER14	-0.0055	0.0282	-0.0004	-0.0100	-0.0016	-0.0002
NE+3.45	44	DER15	-0.0073	-0.0284	-0.0001	0.0096	-0.0020	0.0002
NE+3.45	44	DER16	0.0049	-0.0282	-0.0001	0.0095	0.0014	0.0002
NE+3.45	45	DER1	0.0202	0.0085	-0.0003	-0.0035	0.0055	-0.0001
NE+3.45	45	DER2	0.0197	-0.0079	-0.0003	0.0030	0.0054	0.0000
NE+3.45	45	DER3	-0.0210	-0.0085	-0.0003	0.0032	-0.0059	0.0001
NE+3.45	45	DER4	-0.0205	0.0079	-0.0003	-0.0033	-0.0058	0.0000
NE+3.45	45	DER5	0.0066	0.0275	-0.0004	-0.0109	0.0017	-0.0002
NE+3.45	45	DER6	-0.0056	0.0273	-0.0004	-0.0109	-0.0017	-0.0002
NE+3.45	45	DER7	-0.0074	-0.0274	-0.0003	0.0106	-0.0021	0.0002
NE+3.45	45	DER8	0.0048	-0.0272	-0.0003	0.0106	0.0013	0.0002
NE+3.45	45	DER9	0.0204	0.0085	-0.0003	-0.0032	0.0056	-0.0001
NE+3.45	45	DER10	0.0198	-0.0079	-0.0002	0.0033	0.0054	0.0000
NE+3.45	45	DER11	-0.0209	-0.0085	-0.0002	0.0035	-0.0059	0.0001
NE+3.45	45	DER12	-0.0203	0.0079	-0.0003	-0.0030	-0.0057	0.0000
NE+3.45	45	DER13	0.0068	0.0274	-0.0003	-0.0106	0.0018	-0.0002
NE+3.45	45	DER14	-0.0055	0.0273	-0.0003	-0.0106	-0.0016	-0.0002
NE+3.45	45	DER15	-0.0073	-0.0274	-0.0002	0.0109	-0.0021	0.0002
NE+3.45	45	DER16	0.0049	-0.0272	-0.0002	0.0108	0.0013	0.0002
NE+3.45	46	DER1	0.0202	0.0081	-0.0003	-0.0035	0.0056	-0.0001
NE+3.45	46	DER2	0.0197	-0.0077	-0.0003	0.0020	0.0055	0.0000
NE+3.45	46	DER3	-0.0210	-0.0081	-0.0002	0.0021	-0.0059	0.0001
NE+3.45	46	DER4	-0.0205	0.0077	-0.0003	-0.0034	-0.0057	0.0000
NE+3.45	46	DER5	0.0066	0.0265	-0.0004	-0.0100	0.0018	-0.0002
NE+3.45	46	DER6	-0.0056	0.0264	-0.0004	-0.0099	-0.0016	-0.0002
NE+3.45	46	DER7	-0.0074	-0.0264	-0.0002	0.0086	-0.0020	0.0002
NE+3.45	46	DER8	0.0048	-0.0263	-0.0002	0.0085	0.0014	0.0002
NE+3.45	46	DER9	0.0204	0.0081	-0.0003	-0.0031	0.0056	-0.0001
NE+3.45	46	DER10	0.0198	-0.0077	-0.0002	0.0024	0.0055	0.0000
NE+3.45	46	DER11	-0.0209	-0.0081	-0.0002	0.0026	-0.0058	0.0001
NE+3.45	46	DER12	-0.0203	0.0077	-0.0003	-0.0030	-0.0057	0.0000
NE+3.45	46	DER13	0.0068	0.0265	-0.0004	-0.0095	0.0018	-0.0002
NE+3.45	46	DER14	-0.0055	0.0263	-0.0004	-0.0095	-0.0016	-0.0002
NE+3.45	46	DER15	-0.0073	-0.0264	-0.0001	0.0090	-0.0020	0.0002
NE+3.45	46	DER16	0.0049	-0.0263	-0.0001	0.0090	0.0014	0.0002
NE+3.45	47	DER1	0.0202	0.0077	-0.0003	-0.0032	0.0055	-0.0001
NE+3.45	47	DER2	0.0197	-0.0075	-0.0003	0.0029	0.0054	0.0000

NE+6.80	32	DER7	-0.0146	-0.0619	-0.0003	0.0085	-0.0022	0.0004
NE+6.80	32	DER8	0.0117	-0.0616	-0.0003	0.0085	0.0015	0.0004
NE+6.80	32	DER9	0.0427	0.0189	-0.0003	-0.0026	0.0059	-0.0002
NE+6.80	32	DER10	0.0427	-0.0182	-0.0003	0.0025	0.0059	0.0001
NE+6.80	32	DER11	-0.0450	-0.0188	-0.0003	0.0026	-0.0064	0.0002
NE+6.80	32	DER12	-0.0450	0.0182	-0.0003	-0.0026	-0.0064	-0.0001
NE+6.80	32	DER13	0.0120	0.0620	-0.0003	-0.0086	0.0016	-0.0004
NE+6.80	32	DER14	-0.0143	0.0618	-0.0003	-0.0086	-0.0021	-0.0004
NE+6.80	32	DER15	-0.0143	-0.0619	-0.0002	0.0085	-0.0021	0.0004
NE+6.80	32	DER16	0.0120	-0.0617	-0.0002	0.0085	0.0016	0.0004
NE+6.80	34	DER1	0.0420	0.0175	-0.0003	-0.0025	0.0057	-0.0002
NE+6.80	34	DER2	0.0420	-0.0175	-0.0003	0.0024	0.0057	0.0001
NE+6.80	34	DER3	-0.0449	-0.0174	-0.0003	0.0024	-0.0063	0.0002
NE+6.80	34	DER4	-0.0449	0.0176	-0.0003	-0.0025	-0.0063	-0.0001
NE+6.80	34	DER5	0.0116	0.0583	-0.0003	-0.0082	0.0015	-0.0004
NE+6.80	34	DER6	-0.0145	0.0583	-0.0003	-0.0082	-0.0021	-0.0004
NE+6.80	34	DER7	-0.0145	-0.0582	-0.0003	0.0082	-0.0021	0.0004
NE+6.80	34	DER8	0.0116	-0.0582	-0.0003	0.0082	0.0015	0.0004
NE+6.80	34	DER9	0.0423	0.0174	-0.0003	-0.0025	0.0057	-0.0002
NE+6.80	34	DER10	0.0423	-0.0175	-0.0003	0.0025	0.0057	0.0001
NE+6.80	34	DER11	-0.0446	-0.0174	-0.0003	0.0024	-0.0063	0.0002
NE+6.80	34	DER12	-0.0446	0.0176	-0.0003	-0.0025	-0.0063	-0.0001
NE+6.80	34	DER13	0.0119	0.0583	-0.0003	-0.0082	0.0015	-0.0004
NE+6.80	34	DER14	-0.0142	0.0583	-0.0003	-0.0082	-0.0021	-0.0004
NE+6.80	34	DER15	-0.0142	-0.0582	-0.0002	0.0082	-0.0021	0.0004
NE+6.80	34	DER16	0.0119	-0.0583	-0.0002	0.0082	0.0015	0.0004
NE+6.80	36	DER1	0.0414	0.0149	-0.0001	-0.0020	0.0051	-0.0003
NE+6.80	36	DER2	0.0414	-0.0158	-0.0001	0.0021	0.0051	0.0002
NE+6.80	36	DER3	-0.0444	-0.0148	-0.0004	0.0020	-0.0058	0.0003
NE+6.80	36	DER4	-0.0444	0.0159	-0.0004	-0.0021	-0.0058	-0.0002
NE+6.80	36	DER5	0.0114	0.0511	-0.0002	-0.0069	0.0013	-0.0009
NE+6.80	36	DER6	-0.0143	0.0514	-0.0003	-0.0069	-0.0020	-0.0009
NE+6.80	36	DER7	-0.0143	-0.0510	-0.0003	0.0069	-0.0020	0.0009
NE+6.80	36	DER8	0.0114	-0.0513	-0.0002	0.0069	0.0013	0.0009
NE+6.80	36	DER9	0.0418	0.0149	-0.0001	-0.0020	0.0052	-0.0003
NE+6.80	36	DER10	0.0418	-0.0158	-0.0001	0.0021	0.0052	0.0002
NE+6.80	36	DER11	-0.0440	-0.0149	-0.0003	0.0020	-0.0057	0.0003
NE+6.80	36	DER12	-0.0440	0.0159	-0.0004	-0.0021	-0.0057	-0.0002
NE+6.80	36	DER13	0.0117	0.0511	-0.0002	-0.0069	0.0014	-0.0009
NE+6.80	36	DER14	-0.0140	0.0514	-0.0003	-0.0069	-0.0019	-0.0009
NE+6.80	36	DER15	-0.0140	-0.0510	-0.0002	0.0069	-0.0019	0.0009
NE+6.80	36	DER16	0.0117	-0.0513	-0.0002	0.0069	0.0014	0.0009
NE+6.80	37	DER1	0.0413	0.0137	-0.0002	-0.0018	0.0048	-0.0002
NE+6.80	37	DER2	0.0413	-0.0149	-0.0002	0.0019	0.0048	0.0001
NE+6.80	37	DER3	-0.0442	-0.0137	-0.0002	0.0018	-0.0054	0.0002
NE+6.80	37	DER4	-0.0442	0.0150	-0.0002	-0.0019	-0.0054	-0.0001
NE+6.80	37	DER5	0.0114	0.0476	-0.0002	-0.0062	0.0012	-0.0006
NE+6.80	37	DER6	-0.0143	0.0480	-0.0002	-0.0062	-0.0018	-0.0005
NE+6.80	37	DER7	-0.0143	-0.0476	-0.0002	0.0062	-0.0018	0.0006
NE+6.80	37	DER8	0.0114	-0.0479	-0.0002	0.0062	0.0012	0.0005
NE+6.80	37	DER9	0.0416	0.0137	-0.0002	-0.0018	0.0048	-0.0002
NE+6.80	37	DER10	0.0416	-0.0149	-0.0002	0.0019	0.0048	0.0001
NE+6.80	37	DER11	-0.0438	-0.0137	-0.0002	0.0018	-0.0053	0.0002
NE+6.80	37	DER12	-0.0439	0.0150	-0.0002	-0.0019	-0.0053	-0.0001
NE+6.80	37	DER13	0.0117	0.0476	-0.0002	-0.0062	0.0013	-0.0006
NE+6.80	37	DER14	-0.0139	0.0480	-0.0002	-0.0062	-0.0018	-0.0005
NE+6.80	37	DER15	-0.0139	-0.0476	-0.0002	0.0062	-0.0018	0.0006
NE+6.80	37	DER16	0.0117	-0.0480	-0.0002	0.0062	0.0013	0.0005
NE+6.80	38	DER1	0.0412	0.0129	-0.0002	-0.0017	0.0048	-0.0002
NE+6.80	38	DER2	0.0412	-0.0144	-0.0002	0.0018	0.0048	0.0001
NE+6.80	38	DER3	-0.0441	-0.0129	-0.0002	0.0017	-0.0054	0.0002
NE+6.80	38	DER4	-0.0441	0.0145	-0.0002	-0.0018	-0.0054	-0.0001
NE+6.80	38	DER5	0.0113	0.0454	-0.0002	-0.0058	0.0013	-0.0005
NE+6.80	38	DER6	-0.0142	0.0459	-0.0002	-0.0059	-0.0018	-0.0004
NE+6.80	38	DER7	-0.0142	-0.0454	-0.0002	0.0058	-0.0018	0.0005
NE+6.80	38	DER8	0.0114	-0.0458	-0.0002	0.0058	0.0012	0.0004
NE+6.80	38	DER9	0.0415	0.0129	-0.0002	-0.0017	0.0049	-0.0002
NE+6.80	38	DER10	0.0415	-0.0144	-0.0001	0.0018	0.0049	0.0001
NE+6.80	38	DER11	-0.0438	-0.0129	-0.0002	0.0017	-0.0053	0.0002
NE+6.80	38	DER12	-0.0438	0.0145	-0.0002	-0.0018	-0.0053	-0.0001
NE+6.80	38	DER13	0.0117	0.0454	-0.0002	-0.0058	0.0013	-0.0005
NE+6.80	38	DER14	-0.0139	0.0459	-0.0002	-0.0059	-0.0017	-0.0004
NE+6.80	38	DER15	-0.0139	-0.0454	-0.0002	0.0058	-0.0017	0.0005
NE+6.80	38	DER16	0.0117	-0.0459	-0.0002	0.0058	0.0013	0.0004
NE+6.80	39	DER1	0.0412	0.0122	-0.0003	-0.0016	0.0054	-0.0002
NE+6.80	39	DER2	0.0412	-0.0140	-0.0003	0.0017	0.0054	0.0001
NE+6.80	39	DER3	-0.0441	-0.0122	0.0000	0.0016	-0.0059	0.0002
NE+6.80	39	DER4	-0.0441	0.0141	0.0000	-0.0017	-0.0059	-0.0001
NE+6.80	39	DER5	0.0113	0.0434	-0.0002	-0.0055	0.0015	-0.0004
NE+6.80	39	DER6	-0.0142	0.0440	-0.0001	-0.0056	-0.0019	-0.0004
NE+6.80	39	DER7	-0.0142	-0.0434	-0.0001	0.0055	-0.0019	0.0004
NE+6.80	39	DER8	0.0114	-0.0439	-0.0002	0.0055	0.0015	0.0004
NE+6.80	39	DER9	0.0415	0.0122	-0.0003	-0.0016	0.0055	-0.0002
NE+6.80	39	DER10	0.0415	-0.0140	-0.0003	0.0017	0.0054	0.0001
NE+6.80	39	DER11	-0.0437	-0.0122	0.0000	0.0016	-0.0058	0.0002
NE+6.80	39	DER12	-0.0438	0.0140	0.0000	-0.0017	-0.0058	-0.0001
NE+6.80	39	DER13	0.0117	0.0434	-0.0002	-0.0055	0.0015	-0.0004
NE+6.80	39	DER14	-0.0139	0.0440	-0.0001	-0.0056	-0.0019	-0.0004
NE+6.80	39	DER15	-0.0139	-0.0434	-0.0001	0.0055	-0.0019	0.0004
NE+6.80	39	DER16	0.0117	-0.0440	-0.0002	0.0055	0.0015	0.0004
NE+6.80	42	DER1	0.0438	0.0229	-0.0004	-0.0041	0.0050	-0.0007
NE+6.80	42	DER2	0.0428	-0.0204	-0.0003	0.0026	0.0050	-0.0003
NE+6.80	42	DER3	-0.0468	-0.0226	-0.0005	0.0026	-0.0077	0.0007
NE+6.80	42	DER4	-0.0458	0.0207	-0.0006	-0.0041	-0.0077	0.0002
NE+6.80	42	DER5	0.0136	0.0727	-0.0006	-0.0120	0.0005	-0.0010
NE+6.80	42	DER6	-0.0133	0.0720	-0.0007	-0.0120	-0.0033	-0.0007
NE+6.80	42	DER7	-0.0166	-0.0724	-0.0003	0.0105	-0.0033	0.0009
NE+6.80	42	DER8	0.0103	-0.0717	-0.0002	0.0105	0.0005	0.0006
NE+6.80	42	DER9	0.0441	0.0229	-0.0003	-0.0043	0.0050	-0.0007
NE+6.80	42	DER10	0.0431	-0.0205	-0.0002	0.0025	0.0050	-0.0003
NE+6.80	42	DER11	-0.0464	-0.0227	-0.0004	0.0025	-0.0077	0.0007
NE+6.80	42	DER12	-0.0454	0.0206	-0.0005	-0.0043	-0.0077	0.0002
NE+6.80	42	DER13	0.0139	0.0726	-0.0005	-0.0121	0.0006	-0.0010
NE+6.80	42	DER14	-0.0129	0.0720	-0.0006	-0.0121	-0.0032	-0.0007
NE+6.80	42	DER15	-0.0163	-0.0724	-0.0002	0.0103	-0.0033	0.0009
NE+6.80	42	DER16	0.0106	-0.0718	-0.0002	0.0103	0.0005	0.0006
NE+6.80	43	DER1	0.0437	0.0229	-0.0004	-0.0047	0.0056	-0.0007
NE+6.80	43	DER2	0.0427	-0.0207	-0.0004	0.0028	0.0055	-0.0004
NE+6.80	43	DER3	-0.0466	-0.0227	-0.0004	0.0030	-0.0061	0.0007
NE+6.80	43	DER4	-0.0456	0.0209	-0.0004	-0.0044	-0.0060	0.0003
NE+6.80	43	DER5	0.0136	0.0731	-0.0005	-0.0133	0.0017	-0.0008
NE+6.80	43	DER6	-0.0132	0.0725	-0.0005	-0.0132	-0.0018	-0.0004

NE+3.45	18	DER13	0.0049	0.0274	-0.0002	-0.0109	0.0013	-0.0002
NE+3.45	18	DER14	-0.0072	0.0273	-0.0002	-0.0109	-0.0020	-0.0002
NE+3.45	18	DER15	-0.0054	-0.0274	-0.0003	0.0106	-0.0016	0.0002
NE+3.45	18	DER16	0.0067	-0.0272	-0.0003	0.0105	0.0017	0.0002
NE+3.45	19	DER1	0.0195	0.0081	-0.0003	-0.0021	0.0054	-0.0001
NE+3.45	19	DER2	0.0200	-0.0077	-0.0003	0.0034	0.0056	0.0000
NE+3.45	19	DER3	-0.0202	-0.0081	-0.0003	0.0035	-0.0057	0.0001
NE+3.45	19	DER4	-0.0208	0.0077	-0.0002	-0.0020	-0.0058	0.0000
NE+3.45	19	DER5	0.0047	0.0265	-0.0002	-0.0085	0.0013	-0.0002
NE+3.45	19	DER6	-0.0073	0.0264	-0.0002	-0.0085	-0.0020	-0.0002
NE+3.45	19	DER7	-0.0055	-0.0264	-0.0004	0.0099	-0.0016	0.0002
NE+3.45	19	DER8	0.0066	-0.0263	-0.0004	0.0099	0.0018	0.0002
NE+3.45	19	DER9	0.0196	0.0081	-0.0002	-0.0025	0.0055	-0.0001
NE+3.45	19	DER10	0.0201	-0.0077	-0.0003	0.0030	0.0056	0.0000
NE+3.45	19	DER11	-0.0201	-0.0081	-0.0003	0.0031	-0.0056	0.0001
NE+3.45	19	DER12	-0.0207	0.0077	-0.0002	-0.0024	-0.0058	0.0000
NE+3.45	19	DER13	0.0049	0.0265	-0.0001	-0.0089	0.0014	-0.0002
NE+3.45	19	DER14	-0.0072	0.0263	-0.0001	-0.0089	-0.0020	-0.0002
NE+3.45	19	DER15	-0.0054	-0.0264	-0.0004	0.0095	-0.0016	0.0002
NE+3.45	19	DER16	0.0067	-0.0263	-0.0004	0.0094	0.0018	0.0002
NE+3.45	20	DER1	0.0195	0.0077	-0.0003	-0.0029	0.0053	-0.0001
NE+3.45	20	DER2	0.0200	-0.0075	-0.0003	0.0031	0.0054	0.0000
NE+3.45	20	DER3	-0.0202	-0.0077	-0.0003	0.0032	-0.0057	0.0001
NE+3.45	20	DER4	-0.0208	0.0076	-0.0003	-0.0029	-0.0058	0.0000
NE+3.45	20	DER5	0.0047	0.0255	-0.0003	-0.0100	0.0013	-0.0002
NE+3.45	20	DER6	-0.0073	0.0254	-0.0003	-0.0100	-0.0021	-0.0002
NE+3.45	20	DER7	-0.0055	-0.0254	-0.0004	0.0102	-0.0016	0.0002
NE+3.45	20	DER8	0.0066	-0.0254	-0.0004	0.0102	0.0017	0.0002
NE+3.45	20	DER9	0.0196	0.0077	-0.0002	-0.0032	0.0054	-0.0001
NE+3.45	20	DER10	0.0201	-0.0075	-0.0003	0.0029	0.0055	0.0000
NE+3.45	20	DER11	-0.0201	-0.0077	-0.0003	0.0029	-0.0056	0.0001
NE+3.45	20	DER12	-0.0207	0.0076	-0.0002	-0.0032	-0.0058	0.0000
NE+3.45	20	DER13	0.0049	0.0255	-0.0002	-0.0103	0.0013	-0.0002
NE+3.45	20	DER14	-0.0072	0.0254	-0.0002	-0.0103	-0.0020	-0.0002
NE+3.45	20	DER15	-0.0054	-0.0254	-0.0003	0.0100	-0.0016	0.0002
NE+3.45	20	DER16	0.0067	-0.0254	-0.0003	0.0100	0.0017	0.0002
NE+3.45	21	DER1	0.0195	0.0073	-0.0003	-0.0019	0.0054	-0.0001
NE+3.45	21	DER2	0.0200	-0.0074	-0.0003	0.0033	0.0055	0.0000
NE+3.45	21	DER3	-0.0202	-0.0073	-0.0003	0.0033	-0.0056	0.0001
NE+3.45	21	DER4	-0.0208	0.0074	-0.0002	-0.0019	-0.0058	0.0000
NE+3.45	21	DER5	0.0047	0.0245	-0.0002	-0.0080	0.0013	-0.0002
NE+3.45	21	DER6	-0.0073	0.0245	-0.0002	-0.0080	-0.0020	-0.0002
NE+3.45	21	DER7	-0.0055	-0.0244	-0.0004	0.0093	-0.0016	0.0002
NE+3.45	21	DER8	0.0066	-0.0245	-0.0004	0.0093	0.0018	0.0002
NE+3.45	21	DER9	0.0196	0.0073	-0.0002	-0.0023	0.0054	-0.0001
NE+3.45	21	DER10	0.0201	-0.0074	-0.0003	0.0029	0.0056	0.0000
NE+3.45	21	DER11	-0.0201	-0.0073	-0.0003	0.0028	-0.0056	0.0001
NE+3.45	21	DER12	-0.0207	0.0074	-0.0002	-0.0023	-0.0058	0.0000
NE+3.45	21	DER13	0.0049	0.0245	-0.0001	-0.0084	0.0014	-0.0002
NE+3.45	21	DER14	-0.0072	0.0245	-0.0001	-0.0084	-0.0020	-0.0002
NE+3.45	21	DER15	-0.0054	-0.0245	-0.0004	0.0089	-0.0016	0.0002
NE+3.45	21	DER16	0.0067	-0.0245	-0.0004	0.0089	0.0018	0.0002
NE+3.45	22	DER1	0.0195	0.0069	-0.0003	-0.0027	0.0053	-0.0001
NE+3.45	22	DER2	0.0200	-0.0072	-0.0003	0.0030	0.0054	0.0000
NE+3.45	22	DER3	-0.0202	-0.0069	-0.0003	0.0029	-0.0057	0.0001
NE+3.45	22	DER4	-0.0208	0.0072	-0.0003	-0.0027	-0.0058	0.0000
NE+3.45	22	DER5	0.0047	0.0235	-0.0003	-0.0093	0.0013	-0.0002
NE+3.45	22	DER6	-0.0073	0.0236	-0.0003	-0.0093	-0.0021	-0.0002
NE+3.45	22	DER7	-0.0055	-0.0234	-0.0004	0.0095	-0.0016	0.0002
NE+3.45	22	DER8	0.0066	-0.0235	-0.0004	0.0095	0.0017	0.0002
NE+3.45	22	DER9	0.0196	0.0069	-0.0002	-0.0030	0.0054	-0.0001
NE+3.45	22	DER10	0.0201	-0.0072	-0.0003	0.0027	0.0055	0.0000
NE+3.45	22	DER11	-0.0201	-0.0069	-0.0003	0.0026	-0.0056	0.0001
NE+3.45	22	DER12	-0.0207	0.0072	-0.0002	-0.0030	-0.0058	0.0000
NE+3.45	22	DER13	0.0049	0.0235	-0.0002	-0.0096	0.0013	-0.0002
NE+3.45	22	DER14	-0.0072	0.0236	-0.0002	-0.0096	-0.0020	-0.0002
NE+3.45	22	DER15	-0.0054	-0.0234	-0.0003	0.0092	-0.0016	0.0002
NE+3.45	22	DER16	0.0067	-0.0235	-0.0003	0.0092	0.0018	0.0002
NE+3.45	23	DER1	0.0195	0.0065	-0.0002	-0.0016	0.0049	-0.0001
NE+3.45	23	DER2	0.0200	-0.0070	-0.0002	0.0030	0.0050	0.0000
NE+3.45	23	DER3	-0.0202	-0.0065	-0.0003	0.0028	-0.0056	0.0001
NE+3.45	23	DER4	-0.0208	0.0071	-0.0003	-0.0018	-0.0057	0.0000
NE+3.45	23	DER5	0.0047	0.0225	-0.0001	-0.0070	0.0010	-0.0002
NE+3.45	23	DER6	-0.0073	0.0227	-0.0002	-0.0071	-0.0022	-0.0002
NE+3.45	23	DER7	-0.0055	-0.0225	-0.0004	0.0082	-0.0017	0.0002
NE+3.45	23	DER8	0.0066	-0.0226	-0.0003	0.0083	0.0014	0.0002
NE+3.45	23	DER9	0.0196	0.0065	-0.0001	-0.0020	0.0050	-0.0001
NE+3.45	23	DER10	0.0201	-0.0071	-0.0002	0.0026	0.0051	0.0000
NE+3.45	23	DER11	-0.0201	-0.0065	-0.0003	0.0025	-0.0055	0.0001
NE+3.45	23	DER12	-0.0207	0.0071	-0.0002	-0.0021	-0.0057	0.0000
NE+3.45	23	DER13	0.0049	0.0225	-0.0001	-0.0074	0.0011	-0.0002
NE+3.45	23	DER14	-0.0072	0.0227	-0.0001	-0.0074	-0.0021	-0.0002
NE+3.45	23	DER15	-0.0054	-0.0225	-0.0003	0.0079	-0.0017	0.0002
NE+3.45	23	DER16	0.0067	-0.0226	-0.0003	0.0079	0.0015	0.0002
NE+3.45	24	DER1	0.0195	0.0062	-0.0002	-0.0015	0.0050	-0.0001
NE+3.45	24	DER2	0.0200	-0.0069	-0.0003	0.0028	0.0051	0.0000
NE+3.45	24	DER3	-0.0202	-0.0062	-0.0002	0.0026	-0.0051	0.0001
NE+3.45	24	DER4	-0.0208	0.0070	-0.0002	-0.0017	-0.0053	0.0000
NE+3.45	24	DER5	0.0047	0.0217	-0.0001	-0.0066	0.0013	-0.0002
NE+3.45	24	DER6	-0.0073	0.0220	-0.0001	-0.0067	-0.0018	-0.0002
NE+3.45	24	DER7	-0.0055	-0.0217	-0.0003	0.0077	-0.0014	0.0002
NE+3.45	24	DER8	0.0066	-0.0219	-0.0003	0.0077	0.0017	0.0002
NE+3.45	24	DER9	0.0196	0.0062	-0.0002	-0.0019	0.0050	-0.0001
NE+3.45	24	DER10	0.0201	-0.0069	-0.0002	0.0025	0.0051	0.0000
NE+3.45	24	DER11	-0.0201	-0.0062	-0.0002	0.0023	-0.0051	0.0001
NE+3.45	24	DER12	-0.0207	0.0069	-0.0001	-0.0021	-0.0052	0.0000
NE+3.45	24	DER13	0.0049	0.0217	-0.0001	-0.0070	0.0013	-0.0002
NE+3.45	24	DER14	-0.0072	0.0220	-0.0001	-0.0070	-0.0018	-0.0002
NE+3.45	24	DER15	-0.0054	-0.0217	-0.0003	0.0074	-0.0014	0.0002
NE+3.45	24	DER16	0.0067	-0.0220	-0.0003	0.0074	0.0017	0.0002
NE+3.45	25	DER1	0.0195	0.0059	-0.0002	-0.0013	0.0049	-0.0001
NE+3.45	25	DER2	0.0200	-0.0068	-0.0002	0.0028	0.0050	0.0000
NE+3.45	25	DER3	-0.0202	-0.0058	-0.0003	0.0026	-0.0051	0.0001
NE+3.45	25	DER4	-0.0208	0.0068	-0.0002	-0.0015	-0.0052	0.0000
NE+3.45	25	DER5	0.0047	0.0210	-0.0001	-0.0062	0.0012	-0.0002
NE+3.45	25	DER6	-0.0073	0.0213	-0.0001	-0.0063	-0.0018	-0.0002
NE+3.45	25	DER7	-0.0055	-0.0210	-0.0003	0.0075	-0.0014	0.0002
NE+3.45	25	DER8	0.0066	-0.0212	-0.0003	0.0076	0.0016	0.0002
NE+3.45	25	DER9	0.0196	0.0059	-0.0001	-0.0016	0.0049	-0.0001
NE+3.45	25	DER10	0.0201	-0.0068	-0.0002	0.0025	0.0050	0.0000
NE+3.45	25	DER11	-0.0201	-0.0058	-0.0002	0.0023	-0.0051	0.0001
NE+3.45	25	DER12	-0.0207	0.0068	-0.0002	-0.0019	-0.0052	0.0000

NE+3.45	47	DER3	-0.0210	-0.0077	-0.0003	0.0029	-0.0059	0.0001
NE+3.45	47	DER4	-0.0205	0.0076	-0.0003	-0.0032	-0.0057	0.0000
NE+3.45	47	DER5	0.0066	0.0255	-0.0004	-0.0103	0.0017	-0.0002
NE+3.45	47	DER6	-0.0056	0.0254	-0.0004	-0.0103	-0.0017	-0.0002
NE+3.45	47	DER7	-0.0074	-0.0254	-0.0003	0.0100	-0.0021	0.0002
NE+3.45	47	DER8	0.0048	-0.0254	-0.0003	0.0100	0.0013	0.0002
NE+3.45	47	DER9	0.0204	0.0077	-0.0003	-0.0029	0.0055	-0.0001
NE+3.45	47	DER10	0.0198	-0.0075	-0.0002	0.0032	0.0054	0.0000
NE+3.45	47	DER11	-0.0209	-0.0077	-0.0002	0.0032	-0.0058	0.0001
NE+3.45	47	DER12	-0.0203	0.0076	-0.0003	-0.0029	-0.0057	0.0000
NE+3.45	47	DER13	0.0068	0.0255	-0.0003	-0.0100	0.0018	-0.0002
NE+3.45	47	DER14	-0.0055	0.0254	-0.0003	-0.0100	-0.0016	-0.0002
NE+3.45	47	DER15	-0.0073	-0.0254	-0.0002	0.0103	-0.0021	0.0002
NE+3.45	47	DER16	0.0049	-0.0254	-0.0002	0.0103	0.0013	0.0002
NE+3.45	48	DER1	0.0202	0.0073	-0.0003	-0.0033	0.0056	-0.0001
NE+3.45	48	DER2	0.0197	-0.0074	-0.0003	0.0019	0.0055	0.0000
NE+3.45	48	DER3	-0.0210	-0.0073	-0.0003	0.0019	-0.0058	0.0001
NE+3.45	48	DER4	-0.0205	0.0074	-0.0003	-0.0033	-0.0057	0.0000
NE+3.45	48	DER5	0.0066	0.0245	-0.0004	-0.0094	0.0018	-0.0002
NE+3.45	48	DER6	-0.0056	0.0245	-0.0004	-0.0094	-0.0016	-0.0002
NE+3.45	48	DER7	-0.0074	-0.0244	-0.0002	0.0080	-0.0020	0.0002
NE+3.45	48	DER8	0.0048	-0.0245	-0.0002	0.0080	0.0014	0.0002
NE+3.45	48	DER9	0.0204	0.0073	-0.0003	-0.0029	0.0056	-0.0001
NE+3.45	48	DER10	0.0198	-0.0074	-0.0002	0.0023	0.0055	0.0000
NE+3.45	48	DER11	-0.0209	-0.0073	-0.0002	0.0023	-0.0058	0.0001
NE+3.45	48	DER12	-0.0203	0.0074	-0.0003	-0.0029	-0.0057	0.0000
NE+3.45	48	DER13	0.0068	0.0245	-0.0003	-0.0090	0.0018	-0.0002
NE+3.45	48	DER14	-0.0055	0.0245	-0.0003	-0.0090	-0.0016	-0.0002
NE+3.45	48	DER15	-0.0073	-0.0245	-0.0001	0.0084	-0.0020	0.0002
NE+3.45	48	DER16	0.0049	-0.0245	-0.0001	0.0084	0.0014	0.0002
NE+3.45	49	DER1	0.0202	0.0069	-0.0003	-0.0029	0.0055	-0.0001
NE+3.45	49	DER2	0.0197	-0.0072	-0.0003	0.0027	0.0054	0.0000
NE+3.45	49	DER3	-0.0210	-0.0069	-0.0003	0.0026	-0.0059	0.0001
NE+3.45	49	DER4	-0.0205	0.0072	-0.0003	-0.0030	-0.0057	0.0000
NE+3.45	49	DER5	0.0066	0.0235	-0.0004	-0.0095	0.0017	-0.0002
NE+3.45	49	DER6	-0.0056	0.0236	-0.0004	-0.0096	-0.0016	-0.0002
NE+3.45	49	DER7	-0.0074	-0.0234	-0.0003	0.0092	-0.0021	0.0002
NE+3.45	49	DER8	0.0048	-0.0235	-0.0003	0.0093	0.0013	0.0002
NE+3.45	49	DER9	0.0204	0.0069	-0.0003	-0.0026	0.0055	-0.0001
NE+3.45	49	DER10	0.0198	-0.0072	-0.0002	0.0030	0.0054	0.0000
NE+3.45	49	DER11	-0.0209	-0.0069	-0.0002	0.0029	-0.0058	0.0001
NE+3.45	49	DER12	-0.0203	0.0072	-0.0003	-0.0027	-0.0057	0.0000
NE+3.45	49	DER13	0.0068	0.0235	-0.0003	-0.0092	0.0018	-0.0002
NE+3.45	49	DER14	-0.0055	0.0236	-0.0003	-0.0093	-0.0016	-0.0002
NE+3.45	49	DER15	-0.0073	-0.0234	-0.0002	0.0095	-0.0020	0.0002
NE+3.45	49	DER16	0.0049	-0.0235	-0.0002	0.0096	0.0013	0.0002
NE+3.45	50	DER1	0.0202	0.0065	-0.0002	-0.0028	0.0051	-0.0001
NE+3.45	50	DER2	0.0197	-0.0070	-0.0002	0.0018	0.0050	0.0000
NE+3.45	50	DER3	-0.0210	-0.0065	-0.0003	0.0016	-0.0058	0.0001
NE+3.45	50	DER4	-0.0205	0.0071	-0.0003	-0.0030	-0.0057	0.0000
NE+3.45	50	DER5	0.0066	0.0225	-0.0003	-0.0083	0.0015	-0.0002
NE+3.45	50	DER6	-0.0056	0.0227	-0.0004	-0.0083	-0.0018	-0.0002
NE+3.45	50	DER7	-0.0074	-0.0225	-0.0002	0.0071	-0.0022	0.0002
NE+3.45	50	DER8	0.0048	-0.0226	-0.0001	0.0071	0.0010	0.0002
NE+3.45	50	DER9	0.0204	0.0065	-0.0002	-0.0025	0.0052	-0.0001
NE+3.45	50	DER10	0.0198	-0.0071	-0.0001	0.0022	0.0050	0.0000
NE+3.45	50	DER11	-0.0209	-0.0065	-0.0002	0.0020	-0.0057	0.0001
NE+3.45	50	DER12	-0.0203	0.0071	-0.0003	-0.0026	-0.0056	0.0000
NE+3.45	50	DER13	0.0068	0.0225	-0.0003	-0.0079	0.0015	-0.0002
NE+3.45	50	DER14	-0.0055	0.0227	-0.0003	-0.0080	-0.0017	-0.0002
NE+3.45	50	DER15	-0.0073	-0.0225	-0.0001	0.0074	-0.0021	0.0002
NE+3.45	50	DER16	0.0049	-0.0226	-0.0001	0.0075	0.0011	0.0002
NE+3.45	51	DER1	0.0202	0.0062	-0.0003	-0.0026	0.0051	-0.0001
NE+3.45	51	DER2	0.0197	-0.0069	-0.0002	0.0017	0.0050	0.0000
NE+3.45	51	DER3	-0.0210	-0.0062	-0.0002	0.0015	-0.0053	0.0001
NE+3.45	51	DER4	-0.0205	0.0070	-0.0002	-0.0028	-0.0052	0.0000
NE+3.45	51	DER5	0.0066	0.0217	-0.0003	-0.0077	0.0017	-0.0002
NE+3.45	51	DER6	-0.0056	0.0220	-0.0003	-0.0078	-0.0014	-0.0002
NE+3.45	51	DER7	-0.0074	-0.0217	-0.0001	0.0067	-0.0018	0.0002
NE+3.45	51	DER8	0.0048	-0.0219	-0.0001	0.0067	0.0013	0.0002
NE+3.45	51	DER9	0.0204	0.0062	-0.0002	-0.0023	0.0052	-0.0001
NE+3.45	51	DER10	0.0198	-0.0069	-0.0002	0.0021	0.0051	0.0000
NE+3.45	51	DER11	-0.0209	-0.0062	-0.0001	0.0019	-0.0053	0.0001
NE+3.45	51	DER12	-0.0203	0.0069	-0.0002	-0.0025	-0.0052	0.0000
NE+3.45	51	DER13	0.0068	0.0217	-0.0003	-0.0074	0.0017	-0.0002
NE+3.45	51	DER14	-0.0055	0.0220	-0.0003	-0.0075	-0.0014	-0.0002
NE+3.45	51	DER15	-0.0073	-0.0217	-0.0001	0.0070	-0.0018	0.0002
NE+3.45	51	DER16	0.0049	-0.0220	-0.0001	0.0071	0.0013	0.0002
NE+3.45	52	DER1	0.0202	0.0059	-0.0002	-0.0026	0.0050	-0.0001
NE+3.45	52	DER2	0.0197	-0.0068	-0.0002	0.0016	0.0049	0.0000
NE+3.45	52	DER3	-0.0210	-0.0058	-0.0002	0.0013	-0.0053	0.0001
NE+3.45	52	DER4	-0.0205	0.0068	-0.0003	-0.0029	-0.0052	0.0000
NE+3.45	52	DER5	0.0066	0.0210	-0.0003	-0.0075	0.0016	-0.0002
NE+3.45	52	DER6	-0.0056	0.0213	-0.0003	-0.0076	-0.0015	-0.0002
NE+3.45	52	DER7	-0.0074	-0.0210	-0.0001	0.0062	-0.0019	0.0002
NE+3.45	52	DER8	0.0048	-0.0212	-0.0001	0.0063	0.0012	0.0002
NE+3.45	52	DER9	0.0204	0.0059	-0.0002	-0.0022	0.0051	-0.0001
NE+3.45	52	DER10	0.0198	-0.0068	-0.0001	0.0019	0.0050	0.0000
NE+3.45	52	DER11	-0.0209	-0.0058	-0.0002	0.0016	-0.0053	0.0001
NE+3.45	52	DER12	-0.0203	0.0068	-0.0002	-0.0025	-0.0051	0.0000
NE+3.45	52	DER13	0.0068	0.0210	-0.0003	-0.0072	0.0016	-0.0002
NE+3.45	52	DER14	-0.0055	0.0213	-0.0003	-0.0073	-0.0014	-0.0002
NE+3.45	52	DER15	-0.0073	-0.0210	-0.0001	0.0066	-0.0018	0.0002
NE+3.45	52	DER16	0.0049	-0.0212	-0.0001	0.0067	0.0012	0.0002
NE+3.45	53	DER1	0.0202	0.0056	-0.0003	-0.0021	0.0060	-0.0001
NE+3.45	53	DER2	0.0197	-0.0067	-0.0003	0.0019	0.0058	0.0000
NE+3.45	53	DER3	-0.0210	-0.0055	0.0000	0.0016	-0.0069	0.0001
NE+3.45	53	DER4	-0.0205	0.0067	0.0000	-0.0024	-0.0067	0.0000
NE+3.45	53	DER5	0.0066	0.0202	-0.0003	-0.0069	0.0017	-0.0002
NE+3.45	53	DER6	-0.0056	0.0206	-0.0002	-0.0069	-0.0021	-0.0002
NE+3.45	53	DER7	-0.0074	-0.0202	0.0000	0.0064	-0.0026	0.0002
NE+3.45	53	DER8	0.0048	-0.0205	-0.0001	0.0064	0.0012	0.0002
NE+3.45	53	DER9	0.0204	0.0055	-0.0003	-0.0020	0.0061	-0.0001
NE+3.45	53	DER10	0.0198	-0.0067	-0.0002	0.0020	0.0059	0.0000
NE+3.45	53	DER11	-0.0209	-0.0055	0.0000	0.0018	-0.0068	0.0001
NE+3.45	53	DER12	-0.0203	0.0067	0.0000	-0.0022	-0.0066	0.0000
NE+3.45	53	DER13	0.0068	0.0202	-0.0003	-0.0067	0.0018	-0.0002
NE+3.45	53	DER14	-0.0055	0.0206	-0.0002	-0.0068	-0.0020	-0.0002
NE+3.45	53	DER15	-0.0073	-0.0202	0.0000	0.0065	-0.0025	0.0002
NE+3.45	53	DER16	0.0049	-0.0205	-0.0001	0.0066	0.0013	0.0002

2.4 VERIFICACIÓN DE DERIVAS UMBRAL DE DAÑO

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	15	DER1	0.008	0.005	0.003	3.35	0.013	OK	0.26
NE+3.45	15	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.25
NE+6.80	15	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	15	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.38
NE+6.80	15	DER3	-0.011	-0.005	0.005	3.35	0.013	OK	0.36
NE+3.45	15	DER3	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.35
NE+6.80	15	DER4	-0.011	0.004	0.005	3.35	0.013	OK	0.36
NE+3.45	15	DER4	-0.005	0.002	-0.007	3.45	0.014	OK	-0.53
NE+6.80	15	DER5	0.001	0.016	0.006	3.35	0.013	OK	0.47
NE+3.45	15	DER5	0.001	0.007	-0.007	3.45	0.014	OK	-0.48
NE+6.80	15	DER6	-0.005	0.015	0.007	3.35	0.013	OK	0.49
NE+3.45	15	DER6	-0.002	0.006	-0.007	3.45	0.014	OK	-0.47
NE+6.80	15	DER7	-0.004	-0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	15	DER7	-0.002	-0.007	-0.006	3.45	0.014	OK	-0.44
NE+6.80	15	DER8	0.002	-0.015	0.006	3.35	0.013	OK	0.46
NE+3.45	15	DER8	0.001	-0.006	-0.002	3.45	0.014	OK	-0.16
NE+6.80	15	DER9	0.008	0.005	0.004	3.35	0.013	OK	0.26
NE+3.45	15	DER9	0.004	0.002	-0.003	3.45	0.014	OK	-0.25
NE+6.80	15	DER10	0.008	-0.004	0.004	3.35	0.013	OK	0.26
NE+3.45	15	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.36
NE+6.80	15	DER11	-0.011	-0.005	0.005	3.35	0.013	OK	0.35
NE+3.45	15	DER11	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.33
NE+6.80	15	DER12	-0.011	0.004	0.005	3.35	0.013	OK	0.35
NE+3.45	15	DER12	-0.005	0.002	-0.007	3.45	0.014	OK	-0.54
NE+6.80	15	DER13	0.001	0.016	0.006	3.35	0.013	OK	0.47
NE+3.45	15	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.48
NE+6.80	15	DER14	-0.004	0.015	0.007	3.35	0.013	OK	0.49
NE+3.45	15	DER14	-0.002	0.006	-0.007	3.45	0.014	OK	-0.47
NE+6.80	15	DER15	-0.004	-0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	15	DER15	-0.001	-0.007	-0.006	3.45	0.014	OK	-0.45
NE+6.80	15	DER16	0.002	-0.015	0.006	3.35	0.013	OK	0.47
NE+3.45	15	DER16	0.001	-0.006	0.005	3.45	0.014	OK	0.33

0.488

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	16	DER1	0.008	0.005	0.004	3.35	0.013	OK	0.26
NE+3.45	16	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.25
NE+6.80	16	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	16	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.38
NE+6.80	16	DER3	-0.011	-0.005	0.005	3.35	0.013	OK	0.36
NE+3.45	16	DER3	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.35
NE+6.80	16	DER4	-0.011	0.005	0.005	3.35	0.013	OK	0.36
NE+3.45	16	DER4	-0.005	0.002	-0.007	3.45	0.014	OK	-0.54
NE+6.80	16	DER5	0.001	0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	16	DER5	0.001	0.006	-0.007	3.45	0.014	OK	-0.50
NE+6.80	16	DER6	-0.005	0.016	0.007	3.35	0.013	OK	0.51
NE+3.45	16	DER6	-0.002	0.006	-0.007	3.45	0.014	OK	-0.48
NE+6.80	16	DER7	-0.004	-0.016	0.007	3.35	0.013	OK	0.50
NE+3.45	16	DER7	-0.002	-0.006	-0.006	3.45	0.014	OK	-0.46
NE+6.80	16	DER8	0.002	-0.015	0.006	3.35	0.013	OK	0.48
NE+3.45	16	DER8	0.001	-0.006	-0.002	3.45	0.014	OK	-0.17
NE+6.80	16	DER9	0.008	0.005	0.004	3.35	0.013	OK	0.27
NE+3.45	16	DER9	0.004	0.002	-0.004	3.45	0.014	OK	-0.25
NE+6.80	16	DER10	0.008	-0.004	0.004	3.35	0.013	OK	0.26
NE+3.45	16	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.36
NE+6.80	16	DER11	-0.010	-0.005	0.005	3.35	0.013	OK	0.34
NE+3.45	16	DER11	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.34
NE+6.80	16	DER12	-0.011	0.005	0.005	3.35	0.013	OK	0.35
NE+3.45	16	DER12	-0.005	0.002	-0.008	3.45	0.014	OK	-0.54
NE+6.80	16	DER13	0.001	0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	16	DER13	0.001	0.006	-0.007	3.45	0.014	OK	-0.49
NE+6.80	16	DER14	-0.004	0.016	0.007	3.35	0.013	OK	0.50
NE+3.45	16	DER14	-0.002	0.006	-0.007	3.45	0.014	OK	-0.49
NE+6.80	16	DER15	-0.004	-0.016	0.007	3.35	0.013	OK	0.50
NE+3.45	16	DER15	-0.001	-0.006	-0.006	3.45	0.014	OK	-0.46
NE+6.80	16	DER16	0.002	-0.015	0.006	3.35	0.013	OK	0.48
NE+3.45	16	DER16	0.001	-0.006	0.004	3.45	0.014	OK	0.32

0.506

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	17	DER1	0.008	0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	17	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.24
NE+6.80	17	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	17	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.37
NE+6.80	17	DER3	-0.011	-0.004	0.005	3.35	0.013	OK	0.34
NE+3.45	17	DER3	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.34
NE+6.80	17	DER4	-0.011	0.004	0.005	3.35	0.013	OK	0.35
NE+3.45	17	DER4	-0.005	0.002	-0.006	3.45	0.014	OK	-0.46
NE+6.80	17	DER5	0.001	0.014	0.006	3.35	0.013	OK	0.41
NE+3.45	17	DER5	0.001	0.006	-0.006	3.45	0.014	OK	-0.43
NE+6.80	17	DER6	-0.005	0.014	0.006	3.35	0.013	OK	0.44
NE+3.45	17	DER6	-0.002	0.006	-0.006	3.45	0.014	OK	-0.42
NE+6.80	17	DER7	-0.004	-0.014	0.006	3.35	0.013	OK	0.44
NE+3.45	17	DER7	-0.002	-0.006	-0.005	3.45	0.014	OK	-0.40
NE+6.80	17	DER8	0.002	-0.014	0.006	3.35	0.013	OK	0.41
NE+3.45	17	DER8	0.001	-0.006	-0.002	3.45	0.014	OK	-0.16
NE+6.80	17	DER9	0.008	0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	17	DER9	0.004	0.002	-0.003	3.45	0.014	OK	-0.25
NE+6.80	17	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	17	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.35
NE+6.80	17	DER11	-0.010	-0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	17	DER11	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.33
NE+6.80	17	DER12	-0.011	0.004	0.004	3.35	0.013	OK	0.34
NE+3.45	17	DER12	-0.005	0.002	-0.006	3.45	0.014	OK	-0.46
NE+6.80	17	DER13	0.001	0.014	0.006	3.35	0.013	OK	0.41
NE+3.45	17	DER13	0.001	0.006	-0.006	3.45	0.014	OK	-0.43
NE+6.80	17	DER14	-0.004	0.014	0.006	3.35	0.013	OK	0.43
NE+3.45	17	DER14	-0.002	0.006	-0.006	3.45	0.014	OK	-0.42
NE+6.80	17	DER15	-0.004	-0.014	0.006	3.35	0.013	OK	0.43
NE+3.45	17	DER15	-0.001	-0.006	-0.005	3.45	0.014	OK	-0.40
NE+6.80	17	DER16	0.002	-0.014	0.006	3.35	0.013	OK	0.41
NE+3.45	17	DER16	0.001	-0.006	0.004	3.45	0.014	OK	0.31

0.436

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	18	DER1	0.008	0.005	0.003	3.35	0.013	OK	0.26
NE+3.45	18	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.25
NE+6.80	18	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	18	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.36
NE+6.80	18	DER3	-0.011	-0.005	0.005	3.35	0.013	OK	0.34
NE+3.45	18	DER3	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.34
NE+6.80	18	DER4	-0.011	0.004	0.005	3.35	0.013	OK	0.35
NE+3.45	18	DER4	-0.005	0.002	-0.007	3.45	0.014	OK	-0.49
NE+6.80	18	DER5	0.001	0.015	0.006	3.35	0.013	OK	0.45
NE+3.45	18	DER5	0.001	0.006	-0.006	3.45	0.014	OK	-0.47
NE+6.80	18	DER6	-0.005	0.015	0.006	3.35	0.013	OK	0.47
NE+3.45	18	DER6	-0.002	0.006	-0.006	3.45	0.014	OK	-0.45
NE+6.80	18	DER7	-0.004	-0.015	0.006	3.35	0.013	OK	0.47
NE+3.45	18	DER7	-0.002	-0.006	-0.006	3.45	0.014	OK	-0.44
NE+6.80	18	DER8	0.002	-0.015	0.006	3.35	0.013	OK	0.45
NE+3.45	18	DER8	0.001	-0.006	-0.002	3.45	0.014	OK	-0.18
NE+6.80	18	DER9	0.008	0.005	0.003	3.35	0.013	OK	0.26
NE+3.45	18	DER9	0.004	0.002	-0.004	3.45	0.014	OK	-0.25
NE+6.80	18	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.26
NE+3.45	18	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.35
NE+6.80	18	DER11	-0.010	-0.005	0.004	3.35	0.013	OK	0.33
NE+3.45	18	DER11	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.33
NE+6.80	18	DER12	-0.011	0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	18	DER12	-0.005	0.002	-0.007	3.45	0.014	OK	-0.50
NE+6.80	18	DER13	0.001	0.015	0.006	3.35	0.013	OK	0.46
NE+3.45	18	DER13	0.001	0.006	-0.006	3.45	0.014	OK	-0.46
NE+6.80	18	DER14	-0.004	0.015	0.006	3.35	0.013	OK	0.47
NE+3.45	18	DER14	-0.002	0.006	-0.006	3.45	0.014	OK	-0.45
NE+6.80	18	DER15	-0.004	-0.015	0.006	3.35	0.013	OK	0.47
NE+3.45	18	DER15	-0.001	-0.006	-0.006	3.45	0.014	OK	-0.44
NE+6.80	18	DER16	0.002	-0.015	0.006	3.35	0.013	OK	0.46
NE+3.45	18	DER16	0.001	-0.006	0.004	3.45	0.014	OK	0.30

0.474

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	19	DER1	0.008	0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	19	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.24
NE+6.80	19	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	19	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.36
NE+6.80	19	DER3	-0.011	-0.004	0.005	3.35	0.013	OK	0.34
NE+3.45	19	DER3	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.33
NE+6.80	19	DER4	-0.011	0.004	0.005	3.35	0.013	OK	0.34
NE+3.45	19	DER4	-0.005	0.002	-0.006	3.45	0.014	OK	-0.42
NE+6.80	19	DER5	0.001	0.013	0.005	3.35	0.013	OK	0.39
NE+3.45	19	DER5	0.001	0.006	-0.006	3.45	0.014	OK	-0.42
NE+6.80	19	DER6	-0.005	0.013	0.006	3.35	0.013	OK	0.42
NE+3.45	19	DER6	-0.002	0.006	-0.005	3.45	0.014	OK	-0.40
NE+6.80	19	DER7	-0.004	-0.013	0.006	3.35	0.013	OK	0.41
NE+3.45	19	DER7	-0.002	-0.006	-0.005	3.45	0.014	OK	-0.38
NE+6.80	19	DER8	0.002	-0.013	0.005	3.35	0.013	OK	0.40
NE+3.45	19	DER8	0.001	-0.006	-0.002	3.45	0.014	OK	-0.17
NE+6.80	19	DER9	0.008	0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	19	DER9	0.004	0.002	-0.003	3.45	0.014	OK	-0.25
NE+6.80	19	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	19	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.34
NE+6.80	19	DER11	-0.010	-0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	19	DER11	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.32
NE+6.80	19	DER12	-0.011	0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	19	DER12	-0.005	0.002	-0.006	3.45	0.014	OK	-0.42
NE+6.80	19	DER13	0.001	0.013	0.005	3.35	0.013	OK	0.39
NE+3.45	19	DER13	0.001	0.006	-0.006	3.45	0.014	OK	-0.41
NE+6.80	19	DER14	-0.004	0.013	0.006	3.35	0.013	OK	0.42
NE+3.45	19	DER14	-0.002	0.006	-0.005	3.45	0.014	OK	-0.40
NE+6.80	19	DER15	-0.004	-0.013	0.006	3.35	0.013	OK	0.41
NE+3.45	19	DER15	-0.001	-0.006	-0.005	3.45	0.014	OK	-0.39
NE+6.80	19	DER16	0.002	-0.013	0.005	3.35	0.013	OK	0.40
NE+3.45	19	DER16	0.001	-0.006	0.004	3.45	0.014	OK	0.29

0.420

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	20	DER1	0.008	0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	20	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.25
NE+6.80	20	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	20	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.35
NE+6.80	20	DER3	-0.011	-0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	20	DER3	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.33
NE+6.80	20	DER4	-0.011	0.004	0.005	3.35	0.013	OK	0.34
NE+3.45	20	DER4	-0.005	0.002	-0.006	3.45	0.014	OK	-0.45
NE+6.80	20	DER5	0.001	0.014	0.006	3.35	0.013	OK	0.44
NE+3.45	20	DER5	0.001	0.005	-0.006	3.45	0.014	OK	-0.46
NE+6.80	20	DER6	-0.005	0.014	0.006	3.35	0.013	OK	0.46
NE+3.45	20	DER6	-0.002	0.005	-0.006	3.45	0.014	OK	-0.43
NE+6.80	20	DER7	-0.004	-0.014	0.006	3.35	0.013	OK	0.45
NE+3.45	20	DER7	-0.002	-0.005	-0.006	3.45	0.014	OK	-0.42
NE+6.80	20	DER8	0.002	-0.014	0.006	3.35	0.013	OK	0.43
NE+3.45	20	DER8	0.001	-0.005	-0.003	3.45	0.014	OK	-0.19
NE+6.80	20	DER9	0.008	0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	20	DER9	0.004	0.002	-0.004	3.45	0.014	OK	-0.25
NE+6.80	20	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.26
NE+3.45	20	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.34
NE+6.80	20	DER11	-0.010	-0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	20	DER11	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.33
NE+6.80	20	DER12	-0.011	0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	20	DER12	-0.005	0.002	-0.006	3.45	0.014	OK	-0.46
NE+6.80	20	DER13	0.001	0.014	0.006	3.35	0.013	OK	0.44
NE+3.45	20	DER13	0.001	0.005	-0.006	3.45	0.014	OK	-0.45
NE+6.80	20	DER14	-0.004	0.014	0.006	3.35	0.013	OK	0.46
NE+3.45	20	DER14	-0.002	0.005	-0.006	3.45	0.014	OK	-0.43
NE+6.80	20	DER15	-0.004	-0.014	0.006	3.35	0.013	OK	0.45
NE+3.45	20	DER15	-0.001	-0.005	-0.006	3.45	0.014	OK	-0.42
NE+6.80	20	DER16	0.002	-0.014	0.006	3.35	0.013	OK	0.44
NE+3.45	20	DER16	0.001	-0.005	0.004	3.45	0.014	OK	0.28

0.459

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	21	DER1	0.008	0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	21	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.24
NE+6.80	21	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	21	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.35
NE+6.80	21	DER3	-0.011	-0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	21	DER3	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.33
NE+6.80	21	DER4	-0.011	0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	21	DER4	-0.005	0.002	-0.005	3.45	0.014	OK	-0.38
NE+6.80	21	DER5	0.001	0.012	0.005	3.35	0.013	OK	0.38
NE+3.45	21	DER5	0.001	0.005	-0.006	3.45	0.014	OK	-0.40
NE+6.80	21	DER6	-0.004	0.012	0.005	3.35	0.013	OK	0.40
NE+3.45	21	DER6	-0.002	0.005	-0.005	3.45	0.014	OK	-0.38
NE+6.80	21	DER7	-0.004	-0.013	0.005	3.35	0.013	OK	0.40
NE+3.45	21	DER7	-0.002	-0.005	-0.005	3.45	0.014	OK	-0.37
NE+6.80	21	DER8	0.002	-0.013	0.005	3.35	0.013	OK	0.38
NE+3.45	21	DER8	0.001	-0.005	-0.003	3.45	0.014	OK	-0.19
NE+6.80	21	DER9	0.008	0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	21	DER9	0.004	0.002	-0.003	3.45	0.014	OK	-0.25
NE+6.80	21	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	21	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.33
NE+6.80	21	DER11	-0.010	-0.004	0.004	3.35	0.013	OK	0.32
NE+3.45	21	DER11	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.32
NE+6.80	21	DER12	-0.010	0.004	0.004	3.35	0.013	OK	0.32
NE+3.45	21	DER12	-0.005	0.002	-0.005	3.45	0.014	OK	-0.39
NE+6.80	21	DER13	0.001	0.012	0.005	3.35	0.013	OK	0.38
NE+3.45	21	DER13	0.001	0.005	-0.005	3.45	0.014	OK	-0.40
NE+6.80	21	DER14	-0.004	0.012	0.005	3.35	0.013	OK	0.40
NE+3.45	21	DER14	-0.002	0.005	-0.005	3.45	0.014	OK	-0.38
NE+6.80	21	DER15	-0.003	-0.013	0.005	3.35	0.013	OK	0.40
NE+3.45	21	DER15	-0.001	-0.005	-0.005	3.45	0.014	OK	-0.37

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	22	DER1	0.008	0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	22	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.25
NE+6.80	22	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	22	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.35
NE+6.80	22	DER3	-0.011	-0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	22	DER3	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.33
NE+6.80	22	DER4	-0.011	0.004	0.004	3.35	0.013	OK	0.34
NE+3.45	22	DER4	-0.005	0.002	-0.006	3.45	0.014	OK	-0.40
NE+6.80	22	DER5	0.001	0.013	0.005	3.35	0.013	OK	0.41
NE+3.45	22	DER5	0.001	0.005	-0.006	3.45	0.014	OK	-0.43
NE+6.80	22	DER6	-0.004	0.013	0.006	3.35	0.013	OK	0.43
NE+3.45	22	DER6	-0.002	0.005	-0.006	3.45	0.014	OK	-0.40
NE+6.80	22	DER7	-0.004	-0.013	0.006	3.35	0.013	OK	0.42
NE+3.45	22	DER7	-0.002	-0.005	-0.005	3.45	0.014	OK	-0.39
NE+6.80	22	DER8	0.002	-0.013	0.005	3.35	0.013	OK	0.41
NE+3.45	22	DER8	0.001	-0.005	-0.003	3.45	0.014	OK	-0.20
NE+6.80	22	DER9	0.008	0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	22	DER9	0.004	0.002	-0.003	3.45	0.014	OK	-0.25
NE+6.80	22	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.26
NE+3.45	22	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.33
NE+6.80	22	DER11	-0.010	-0.004	0.004	3.35	0.013	OK	0.32
NE+3.45	22	DER11	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.32
NE+6.80	22	DER12	-0.010	0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	22	DER12	-0.005	0.002	-0.006	3.45	0.014	OK	-0.41
NE+6.80	22	DER13	0.001	0.013	0.005	3.35	0.013	OK	0.41
NE+3.45	22	DER13	0.001	0.005	-0.006	3.45	0.014	OK	-0.42
NE+6.80	22	DER14	-0.004	0.013	0.006	3.35	0.013	OK	0.43
NE+3.45	22	DER14	-0.002	0.005	-0.006	3.45	0.014	OK	-0.40
NE+6.80	22	DER15	-0.003	-0.013	0.006	3.35	0.013	OK	0.42
NE+3.45	22	DER15	-0.001	-0.005	-0.005	3.45	0.014	OK	-0.40

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	23	DER1	0.008	0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	23	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.24
NE+6.80	23	DER2	0.008	-0.003	0.003	3.35	0.013	OK	0.24
NE+3.45	23	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.34
NE+6.80	23	DER3	-0.010	-0.003	0.004	3.35	0.013	OK	0.32
NE+3.45	23	DER3	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.33
NE+6.80	23	DER4	-0.011	0.003	0.004	3.35	0.013	OK	0.33
NE+3.45	23	DER4	-0.005	0.002	-0.004	3.45	0.014	OK	-0.31
NE+6.80	23	DER5	0.001	0.011	0.004	3.35	0.013	OK	0.32
NE+3.45	23	DER5	0.001	0.005	-0.005	3.45	0.014	OK	-0.35
NE+6.80	23	DER6	-0.004	0.011	0.005	3.35	0.013	OK	0.34
NE+3.45	23	DER6	-0.002	0.005	-0.004	3.45	0.014	OK	-0.32
NE+6.80	23	DER7	-0.004	-0.011	0.005	3.35	0.013	OK	0.34
NE+3.45	23	DER7	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.31
NE+6.80	23	DER8	0.002	-0.011	0.004	3.35	0.013	OK	0.33
NE+3.45	23	DER8	0.001	-0.005	-0.003	3.45	0.014	OK	-0.19
NE+6.80	23	DER9	0.008	0.003	0.003	3.35	0.013	OK	0.24
NE+3.45	23	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.24
NE+6.80	23	DER10	0.008	-0.003	0.003	3.35	0.013	OK	0.25
NE+3.45	23	DER10	0.004	-0.002	-0.004	3.45	0.014	OK	-0.32
NE+6.80	23	DER11	-0.010	-0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	23	DER11	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.32
NE+6.80	23	DER12	-0.010	0.003	0.004	3.35	0.013	OK	0.32
NE+3.45	23	DER12	-0.005	0.002	-0.004	3.45	0.014	OK	-0.31
NE+6.80	23	DER13	0.001	0.011	0.004	3.35	0.013	OK	0.32
NE+3.45	23	DER13	0.001	0.005	-0.005	3.45	0.014	OK	-0.34
NE+6.80	23	DER14	-0.004	0.011	0.005	3.35	0.013	OK	0.34
NE+3.45	23	DER14	-0.002	0.005	-0.004	3.45	0.014	OK	-0.32
NE+6.80	23	DER15	-0.003	-0.011	0.004	3.35	0.013	OK	0.34
NE+3.45	23	DER15	-0.001	-0.005	-0.004	3.45	0.014	OK	-0.32

NE+6.80	21	DER16	0.002	-0.013	0.005	3.35	0.013	OK	0.38
NE+3.45	21	DER16	0.001	-0.005	0.004	3.45	0.014	OK	0.27

0.398

NE+6.80	22	DER16	0.002	-0.013	0.005	3.35	0.013	OK	0.41
NE+3.45	22	DER16	0.001	-0.005	0.004	3.45	0.014	OK	0.26

0.428

NE+6.80	23	DER16	0.002	-0.011	0.004	3.35	0.013	OK	0.33
NE+3.45	23	DER16	0.001	-0.005	0.003	3.45	0.014	OK	0.25

0.344

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	24	DER1	0.008	0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	24	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.24
NE+6.80	24	DER2	0.008	-0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	24	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.33
NE+6.80	24	DER3	-0.010	-0.003	0.004	3.35	0.013	OK	0.32
NE+3.45	24	DER3	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.32
NE+6.80	24	DER4	-0.011	0.003	0.004	3.35	0.013	OK	0.32
NE+3.45	24	DER4	-0.005	0.002	-0.004	3.45	0.014	OK	-0.27
NE+6.80	24	DER5	0.001	0.010	0.004	3.35	0.013	OK	0.29
NE+3.45	24	DER5	0.001	0.005	-0.005	3.45	0.014	OK	-0.33
NE+6.80	24	DER6	-0.004	0.010	0.004	3.35	0.013	OK	0.32
NE+3.45	24	DER6	-0.002	0.005	-0.004	3.45	0.014	OK	-0.29
NE+6.80	24	DER7	-0.004	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	24	DER7	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.29
NE+6.80	24	DER8	0.002	-0.010	0.004	3.35	0.013	OK	0.29
NE+3.45	24	DER8	0.001	-0.005	-0.003	3.45	0.014	OK	-0.20
NE+6.80	24	DER9	0.008	0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	24	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.24
NE+6.80	24	DER10	0.008	-0.003	0.003	3.35	0.013	OK	0.24
NE+3.45	24	DER10	0.004	-0.002	-0.004	3.45	0.014	OK	-0.31
NE+6.80	24	DER11	-0.010	-0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	24	DER11	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.31
NE+6.80	24	DER12	-0.010	0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	24	DER12	-0.005	0.002	-0.004	3.45	0.014	OK	-0.27
NE+6.80	24	DER13	0.001	0.010	0.004	3.35	0.013	OK	0.29
NE+3.45	24	DER13	0.001	0.005	-0.004	3.45	0.014	OK	-0.32
NE+6.80	24	DER14	-0.004	0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	24	DER14	-0.002	0.005	-0.004	3.45	0.014	OK	-0.29
NE+6.80	24	DER15	-0.003	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	24	DER15	-0.001	-0.005	-0.004	3.45	0.014	OK	-0.29
NE+6.80	24	DER16	0.002	-0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	24	DER16	0.001	-0.005	0.003	3.45	0.014	OK	0.25

0.321

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	25	DER1	0.008	0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	25	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.24
NE+6.80	25	DER2	0.008	-0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	25	DER2	0.004	-0.001	-0.005	3.45	0.014	OK	-0.33
NE+6.80	25	DER3	-0.010	-0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	25	DER3	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.32
NE+6.80	25	DER4	-0.011	0.003	0.004	3.35	0.013	OK	0.32
NE+3.45	25	DER4	-0.005	0.002	-0.003	3.45	0.014	OK	-0.24
NE+6.80	25	DER5	0.001	0.010	0.004	3.35	0.013	OK	0.27
NE+3.45	25	DER5	0.001	0.005	-0.004	3.45	0.014	OK	-0.31
NE+6.80	25	DER6	-0.004	0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	25	DER6	-0.002	0.005	-0.004	3.45	0.014	OK	-0.28
NE+6.80	25	DER7	-0.004	-0.010	0.004	3.35	0.013	OK	0.29
NE+3.45	25	DER7	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.27
NE+6.80	25	DER8	0.002	-0.010	0.004	3.35	0.013	OK	0.28
NE+3.45	25	DER8	0.001	-0.005	-0.003	3.45	0.014	OK	-0.20
NE+6.80	25	DER9	0.008	0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	25	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.24
NE+6.80	25	DER10	0.008	-0.003	0.003	3.35	0.013	OK	0.24
NE+3.45	25	DER10	0.004	-0.001	-0.004	3.45	0.014	OK	-0.31
NE+6.80	25	DER11	-0.010	-0.003	0.004	3.35	0.013	OK	0.30
NE+3.45	25	DER11	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.31
NE+6.80	25	DER12	-0.010	0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	25	DER12	-0.005	0.002	-0.003	3.45	0.014	OK	-0.25
NE+6.80	25	DER13	0.001	0.010	0.004	3.35	0.013	OK	0.27
NE+3.45	25	DER13	0.001	0.005	-0.004	3.45	0.014	OK	-0.31
NE+6.80	25	DER14	-0.004	0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	25	DER14	-0.002	0.005	-0.004	3.45	0.014	OK	-0.28
NE+6.80	25	DER15	-0.003	-0.010	0.004	3.35	0.013	OK	0.29
NE+3.45	25	DER15	-0.001	-0.005	-0.004	3.45	0.014	OK	-0.27
NE+6.80	25	DER16	0.002	-0.010	0.004	3.35	0.013	OK	0.28
NE+3.45	25	DER16	0.001	-0.005	0.003	3.45	0.014	OK	0.24

0.319

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	26	DER1	0.008	0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	26	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.24
NE+6.80	26	DER2	0.008	-0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	26	DER2	0.004	-0.001	-0.005	3.45	0.014	OK	-0.33
NE+6.80	26	DER3	-0.010	-0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	26	DER3	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.32
NE+6.80	26	DER4	-0.011	0.003	0.004	3.35	0.013	OK	0.32
NE+3.45	26	DER4	-0.005	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	26	DER5	0.001	0.009	0.004	3.35	0.013	OK	0.26
NE+3.45	26	DER5	0.001	0.004	-0.004	3.45	0.014	OK	-0.31
NE+6.80	26	DER6	-0.004	0.009	0.004	3.35	0.013	OK	0.29
NE+3.45	26	DER6	-0.002	0.004	-0.004	3.45	0.014	OK	-0.26
NE+6.80	26	DER7	-0.004	-0.009	0.004	3.35	0.013	OK	0.28
NE+3.45	26	DER7	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.25
NE+6.80	26	DER8	0.002	-0.009	0.004	3.35	0.013	OK	0.26
NE+3.45	26	DER8	0.001	-0.004	-0.003	3.45	0.014	OK	-0.21
NE+6.80	26	DER9	0.008	0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	26	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.24
NE+6.80	26	DER10	0.008	-0.003	0.003	3.35	0.013	OK	0.24
NE+3.45	26	DER10	0.004	-0.001	-0.004	3.45	0.014	OK	-0.31
NE+6.80	26	DER11	-0.010	-0.003	0.004	3.35	0.013	OK	0.30
NE+3.45	26	DER11	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.31
NE+6.80	26	DER12	-0.010	0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	26	DER12	-0.005	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	26	DER13	0.001	0.009	0.004	3.35	0.013	OK	0.26
NE+3.45	26	DER13	0.001	0.004	-0.004	3.45	0.014	OK	-0.30
NE+6.80	26	DER14	-0.004	0.009	0.004	3.35	0.013	OK	0.29
NE+3.45	26	DER14	-0.002	0.004	-0.004	3.45	0.014	OK	-0.26
NE+6.80	26	DER15	-0.003	-0.009	0.004	3.35	0.013	OK	0.28
NE+3.45	26	DER15	-0.001	-0.004	-0.004	3.45	0.014	OK	-0.26
NE+6.80	26	DER16	0.002	-0.009	0.004	3.35	0.013	OK	0.26
NE+3.45	26	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.23

0.324

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	28	DER1	0.008	0.005	0.003	3.35	0.013	OK	0.25
NE+3.45	28	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.23
NE+6.80	28	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	28	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.40
NE+6.80	28	DER3	-0.011	-0.005	0.005	3.35	0.013	OK	0.36
NE+3.45	28	DER3	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.34
NE+6.80	28	DER4	-0.011	0.004	0.005	3.35	0.013	OK	0.36
NE+3.45	28	DER4	-0.005	0.002	-0.007	3.45	0.014	OK	-0.53
NE+6.80	28	DER5	0.001	0.016	0.006	3.35	0.013	OK	0.47
NE+3.45	28	DER5	0.001	0.007	-0.007	3.45	0.014	OK	-0.48
NE+6.80	28	DER6	-0.004	0.015	0.007	3.35	0.013	OK	0.49
NE+3.45	28	DER6	-0.002	0.006	-0.007	3.45	0.014	OK	-0.48
NE+6.80	28	DER7	-0.004	-0.015	0.007	3.35	0.013	OK	0.49
NE+3.45	28	DER7	-0.002	-0.007	-0.006	3.45	0.014	OK	-0.44
NE+6.80	28	DER8	0.001	-0.015	0.006	3.35	0.013	OK	0.46
NE+3.45	28	DER8	0.001	-0.006	-0.002	3.45	0.014	OK	-0.16
NE+6.80	28	DER9	0.008	0.005	0.004	3.35	0.013	OK	0.26
NE+3.45	28	DER9	0.004	0.002	-0.003	3.45	0.014	OK	-0.24
NE+6.80	28	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	28	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.37
NE+6.80	28	DER11	-0.011	-0.005	0.005	3.35	0.013	OK	0.35
NE+3.45	28	DER11	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.33
NE+6.80	28	DER12	-0.011	0.004	0.005	3.35	0.013	OK	0.35
NE+3.45	28	DER12	-0.005	0.002	-0.007	3.45	0.014	OK	-0.54
NE+6.80	28	DER13	0.002	0.016	0.006	3.35	0.013	OK	0.47
NE+3.45	28	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.47
NE+6.80	28	DER14	-0.004	0.015	0.007	3.35	0.013	OK	0.49
NE+3.45	28	DER14	-0.002	0.006	-0.007	3.45	0.014	OK	-0.47
NE+6.80	28	DER15	-0.004	-0.015	0.006	3.35	0.013	OK	0.48
NE+3.45	28	DER15	-0.002	-0.007	-0.006	3.45	0.014	OK	-0.44
NE+6.80	28	DER16	0.002	-0.015	0.006	3.35	0.013	OK	0.47
NE+3.45	28	DER16	0.001	-0.006	0.005	3.45	0.014	OK	0.33

0.491

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	30	DER1	0.008	0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	30	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.23
NE+6.80	30	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	30	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.38
NE+6.80	30	DER3	-0.011	-0.004	0.005	3.35	0.013	OK	0.35
NE+3.45	30	DER3	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.34
NE+6.80	30	DER4	-0.011	0.004	0.005	3.35	0.013	OK	0.35
NE+3.45	30	DER4	-0.005	0.002	-0.006	3.45	0.014	OK	-0.46
NE+6.80	30	DER5	0.001	0.014	0.006	3.35	0.013	OK	0.42
NE+3.45	30	DER5	0.001	0.006	-0.006	3.45	0.014	OK	-0.43
NE+6.80	30	DER6	-0.004	0.014	0.006	3.35	0.013	OK	0.44
NE+3.45	30	DER6	-0.002	0.006	-0.006	3.45	0.014	OK	-0.42
NE+6.80	30	DER7	-0.004	-0.014	0.006	3.35	0.013	OK	0.44
NE+3.45	30	DER7	-0.002	-0.006	-0.005	3.45	0.014	OK	-0.39
NE+6.80	30	DER8	0.001	-0.014	0.005	3.35	0.013	OK	0.41
NE+3.45	30	DER8	0.001	-0.006	-0.002	3.45	0.014	OK	-0.16
NE+6.80	30	DER9	0.008	0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	30	DER9	0.004	0.002	-0.003	3.45	0.014	OK	-0.23
NE+6.80	30	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	30	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.36
NE+6.80	30	DER11	-0.011	-0.004	0.005	3.35	0.013	OK	0.34
NE+3.45	30	DER11	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.32
NE+6.80	30	DER12	-0.011	0.004	0.005	3.35	0.013	OK	0.34
NE+3.45	30	DER12	-0.005	0.002	-0.006	3.45	0.014	OK	-0.47
NE+6.80	30	DER13	0.002	0.014	0.006	3.35	0.013	OK	0.41
NE+3.45	30	DER13	0.001	0.006	-0.006	3.45	0.014	OK	-0.42
NE+6.80	30	DER14	-0.004	0.014	0.006	3.35	0.013	OK	0.43
NE+3.45	30	DER14	-0.002	0.006	-0.006	3.45	0.014	OK	-0.42
NE+6.80	30	DER15	-0.004	-0.014	0.006	3.35	0.013	OK	0.43
NE+3.45	30	DER15	-0.002	-0.006	-0.005	3.45	0.014	OK	-0.39
NE+6.80	30	DER16	0.002	-0.014	0.006	3.35	0.013	OK	0.41
NE+3.45	30	DER16	0.001	-0.006	0.004	3.45	0.014	OK	0.31

0.441

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	32	DER1	0.008	0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	32	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.23
NE+6.80	32	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	32	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.37
NE+6.80	32	DER3	-0.011	-0.004	0.005	3.35	0.013	OK	0.34
NE+3.45	32	DER3	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.33
NE+6.80	32	DER4	-0.011	0.004	0.005	3.35	0.013	OK	0.34
NE+3.45	32	DER4	-0.005	0.002	-0.006	3.45	0.014	OK	-0.42
NE+6.80	32	DER5	0.001	0.013	0.005	3.35	0.013	OK	0.40
NE+3.45	32	DER5	0.001	0.006	-0.006	3.45	0.014	OK	-0.41
NE+6.80	32	DER6	-0.004	0.013	0.006	3.35	0.013	OK	0.42
NE+3.45	32	DER6	-0.002	0.006	-0.006	3.45	0.014	OK	-0.40
NE+6.80	32	DER7	-0.004	-0.013	0.006	3.35	0.013	OK	0.41
NE+3.45	32	DER7	-0.002	-0.006	-0.005	3.45	0.014	OK	-0.37
NE+6.80	32	DER8	0.001	-0.013	0.005	3.35	0.013	OK	0.39
NE+3.45	32	DER8	0.001	-0.006	-0.002	3.45	0.014	OK	-0.18
NE+6.80	32	DER9	0.008	0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	32	DER9	0.004	0.002	-0.003	3.45	0.014	OK	-0.23
NE+6.80	32	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	32	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.35
NE+6.80	32	DER11	-0.011	-0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	32	DER11	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.32
NE+6.80	32	DER12	-0.011	0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	32	DER12	-0.005	0.002	-0.006	3.45	0.014	OK	-0.43
NE+6.80	32	DER13	0.002	0.013	0.005	3.35	0.013	OK	0.40
NE+3.45	32	DER13	0.001	0.006	-0.006	3.45	0.014	OK	-0.41
NE+6.80	32	DER14	-0.004	0.013	0.006	3.35	0.013	OK	0.42
NE+3.45	32	DER14	-0.002	0.006	-0.006	3.45	0.014	OK	-0.40
NE+6.80	32	DER15	-0.004	-0.013	0.006	3.35	0.013	OK	0.42
NE+3.45	32	DER15	-0.002	-0.006	-0.005	3.45	0.014	OK	-0.37
NE+6.80	32	DER16	0.002	-0.013	0.005	3.35	0.013	OK	0.39
NE+3.45	32	DER16	0.001	-0.006	0.004	3.45	0.014	OK	0.29

0.419

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	34	DER1	0.008	0.004	0.003	3.35	0.013	OK	0.23
NE+3.45	34	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.22
NE+6.80	34	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.23
NE+3.45	34	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.36
NE+6.80	34	DER3	-0.011	-0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	34	DER3	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.33
NE+6.80	34	DER4	-0.011	0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	34	DER4	-0.005	0.002	-0.005	3.45	0.014	OK	-0.39
NE+6.80	34	DER5	0.001	0.013	0.005	3.35	0.013	OK	0.38
NE+3.45	34	DER5	0.001	0.005	-0.006	3.45	0.014	OK	-0.40
NE+6.80	34	DER6	-0.004	0.013	0.005	3.35	0.013	OK	0.40
NE+3.45	34	DER6	-0.002	0.005	-0.005	3.45	0.014	OK	-0.39
NE+6.80	34	DER7	-0.004	-0.012	0.005	3.35	0.013	OK	0.40
NE+3.45	34	DER7	-0.002	-0.005	-0.005	3.45	0.014	OK	-0.35
NE+6.80	34	DER8	0.001	-0.012	0.005	3.35	0.013	OK	0.38
NE+3.45	34	DER8	0.001	-0.005	-0.003	3.45	0.014	OK	-0.19
NE+6.80	34	DER9	0.008	0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	34	DER9	0.004	0.002	-0.003	3.45	0.014	OK	-0.23
NE+6.80	34	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	34	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.34
NE+6.80	34	DER11	-0.010	-0.004	0.004	3.35	0.013	OK	0.32
NE+3.45	34	DER11	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.32
NE+6.80	34	DER12	-0.010	0.004	0.004	3.35	0.013	OK	0.32
NE+3.45	34	DER12	-0.005	0.002	-0.005	3.45	0.014	OK	-0.39
NE+6.80	34	DER13	0.002	0.013	0.005	3.35	0.013	OK	0.38
NE+3.45	34	DER13	0.001	0.005	-0.005	3.45	0.014	OK	-0.40
NE+6.80	34	DER14	-0.004	0.013	0.005	3.35	0.013	OK	0.40
NE+3.45	34	DER14	-0.002	0.005	-0.005	3.45	0.014	OK	-0.38
NE+6.80	34	DER15	-0.004	-0.012	0.005	3.35	0.013	OK	0.39
NE+3.45	34	DER15	-0.002	-0.005	-0.005	3.45	0.014	OK	-0.36
NE+6.80	34	DER16	0.002	-0.012	0.005	3.35	0.013	OK	0.38
NE+3.45	34	DER16	0.001	-0.005	0.004	3.45	0.014	OK	0.27

0.403

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	36	DER1	0.008	0.003	0.003	3.35	0.013	OK	0.22
NE+3.45	36	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	36	DER2	0.008	-0.003	0.003	3.35	0.013	OK	0.22
NE+3.45	36	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.35
NE+6.80	36	DER3	-0.011	-0.003	0.004	3.35	0.013	OK	0.32
NE+3.45	36	DER3	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.32
NE+6.80	36	DER4	-0.011	0.003	0.004	3.35	0.013	OK	0.32
NE+3.45	36	DER4	-0.005	0.002	-0.004	3.45	0.014	OK	-0.31
NE+6.80	36	DER5	0.001	0.011	0.004	3.35	0.013	OK	0.32
NE+3.45	36	DER5	0.001	0.005	-0.005	3.45	0.014	OK	-0.35
NE+6.80	36	DER6	-0.004	0.011	0.005	3.35	0.013	OK	0.35
NE+3.45	36	DER6	-0.002	0.005	-0.005	3.45	0.014	OK	-0.33
NE+6.80	36	DER7	-0.004	-0.011	0.005	3.35	0.013	OK	0.34
NE+3.45	36	DER7	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.30
NE+6.80	36	DER8	0.001	-0.011	0.004	3.35	0.013	OK	0.32
NE+3.45	36	DER8	0.001	-0.005	-0.003	3.45	0.014	OK	-0.19
NE+6.80	36	DER9	0.008	0.003	0.003	3.35	0.013	OK	0.22
NE+3.45	36	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	36	DER10	0.008	-0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	36	DER10	0.004	-0.002	-0.004	3.45	0.014	OK	-0.32
NE+6.80	36	DER11	-0.010	-0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	36	DER11	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.31
NE+6.80	36	DER12	-0.010	0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	36	DER12	-0.005	0.002	-0.004	3.45	0.014	OK	-0.31
NE+6.80	36	DER13	0.002	0.011	0.004	3.35	0.013	OK	0.32
NE+3.45	36	DER13	0.001	0.005	-0.005	3.45	0.014	OK	-0.34
NE+6.80	36	DER14	-0.004	0.011	0.005	3.35	0.013	OK	0.35
NE+3.45	36	DER14	-0.002	0.005	-0.005	3.45	0.014	OK	-0.33
NE+6.80	36	DER15	-0.004	-0.011	0.005	3.35	0.013	OK	0.34
NE+3.45	36	DER15	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.30
NE+6.80	36	DER16	0.002	-0.011	0.004	3.35	0.013	OK	0.32
NE+3.45	36	DER16	0.001	-0.005	0.003	3.45	0.014	OK	0.25

0.349

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	37	DER1	0.008	0.003	0.003	3.35	0.013	OK	0.22
NE+3.45	37	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	37	DER2	0.008	-0.003	0.003	3.35	0.013	OK	0.22
NE+3.45	37	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.35
NE+6.80	37	DER3	-0.011	-0.003	0.004	3.35	0.013	OK	0.32
NE+3.45	37	DER3	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.31
NE+6.80	37	DER4	-0.011	0.003	0.004	3.35	0.013	OK	0.32
NE+3.45	37	DER4	-0.005	0.002	-0.004	3.45	0.014	OK	-0.27
NE+6.80	37	DER5	0.001	0.010	0.004	3.35	0.013	OK	0.29
NE+3.45	37	DER5	0.001	0.005	-0.005	3.45	0.014	OK	-0.33
NE+6.80	37	DER6	-0.004	0.010	0.004	3.35	0.013	OK	0.32
NE+3.45	37	DER6	-0.002	0.005	-0.004	3.45	0.014	OK	-0.30
NE+6.80	37	DER7	-0.004	-0.010	0.004	3.35	0.013	OK	0.32
NE+3.45	37	DER7	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.27
NE+6.80	37	DER8	0.001	-0.010	0.004	3.35	0.013	OK	0.29
NE+3.45	37	DER8	0.001	-0.005	-0.003	3.45	0.014	OK	-0.19
NE+6.80	37	DER9	0.008	0.003	0.003	3.35	0.013	OK	0.22
NE+3.45	37	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	37	DER10	0.008	-0.003	0.003	3.35	0.013	OK	0.22
NE+3.45	37	DER10	0.004	-0.002	-0.004	3.45	0.014	OK	-0.32
NE+6.80	37	DER11	-0.010	-0.003	0.004	3.35	0.013	OK	0.30
NE+3.45	37	DER11	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.30
NE+6.80	37	DER12	-0.010	0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	37	DER12	-0.005	0.002	-0.004	3.45	0.014	OK	-0.28
NE+6.80	37	DER13	0.002	0.010	0.004	3.35	0.013	OK	0.29
NE+3.45	37	DER13	0.001	0.005	-0.004	3.45	0.014	OK	-0.32
NE+6.80	37	DER14	-0.004	0.010	0.004	3.35	0.013	OK	0.32
NE+3.45	37	DER14	-0.002	0.005	-0.004	3.45	0.014	OK	-0.30
NE+6.80	37	DER15	-0.004	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	37	DER15	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.28
NE+6.80	37	DER16	0.002	-0.010	0.004	3.35	0.013	OK	0.29
NE+3.45	37	DER16	0.001	-0.005	0.003	3.45	0.014	OK	0.24

0.321

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	38	DER1	0.008	0.003	0.003	3.35	0.013	OK	0.21
NE+3.45	38	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	38	DER2	0.008	-0.003	0.003	3.35	0.013	OK	0.22
NE+3.45	38	DER2	0.004	-0.001	-0.005	3.45	0.014	OK	-0.34
NE+6.80	38	DER3	-0.011	-0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	38	DER3	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.31
NE+6.80	38	DER4	-0.011	0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	38	DER4	-0.005	0.002	-0.003	3.45	0.014	OK	-0.25
NE+6.80	38	DER5	0.001	0.010	0.004	3.35	0.013	OK	0.27
NE+3.45	38	DER5	0.001	0.005	-0.004	3.45	0.014	OK	-0.31
NE+6.80	38	DER6	-0.004	0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	38	DER6	-0.002	0.005	-0.004	3.45	0.014	OK	-0.29
NE+6.80	38	DER7	-0.004	-0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	38	DER7	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.26
NE+6.80	38	DER8	0.001	-0.010	0.004	3.35	0.013	OK	0.28
NE+3.45	38	DER8	0.001	-0.005	-0.003	3.45	0.014	OK	-0.20
NE+6.80	38	DER9	0.008	0.003	0.003	3.35	0.013	OK	0.22
NE+3.45	38	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	38	DER10	0.008	-0.003	0.003	3.35	0.013	OK	0.22
NE+3.45	38	DER10	0.004	-0.001	-0.004	3.45	0.014	OK	-0.32
NE+6.80	38	DER11	-0.010	-0.003	0.004	3.35	0.013	OK	0.30
NE+3.45	38	DER11	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.30
NE+6.80	38	DER12	-0.010	0.003	0.004	3.35	0.013	OK	0.30
NE+3.45	38	DER12	-0.005	0.002	-0.003	3.45	0.014	OK	-0.25
NE+6.80	38	DER13	0.002	0.010	0.004	3.35	0.013	OK	0.27
NE+3.45	38	DER13	0.001	0.005	-0.004	3.45	0.014	OK	-0.30
NE+6.80	38	DER14	-0.004	0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	38	DER14	-0.002	0.005	-0.004	3.45	0.014	OK	-0.29
NE+6.80	38	DER15	-0.004	-0.010	0.004	3.35	0.013	OK	0.29
NE+3.45	38	DER15	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.26
NE+6.80	38	DER16	0.002	-0.010	0.004	3.35	0.013	OK	0.28
NE+3.45	38	DER16	0.001	-0.005	0.003	3.45	0.014	OK	0.23

0.314

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	39	DER1	0.008	0.003	0.003	3.35	0.013	OK	0.21
NE+3.45	39	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	39	DER2	0.008	-0.003	0.003	3.35	0.013	OK	0.22
NE+3.45	39	DER2	0.004	-0.001	-0.005	3.45	0.014	OK	-0.34
NE+6.80	39	DER3	-0.011	-0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	39	DER3	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.31
NE+6.80	39	DER4	-0.011	0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	39	DER4	-0.005	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	39	DER5	0.001	0.009	0.003	3.35	0.013	OK	0.26
NE+3.45	39	DER5	0.001	0.004	-0.004	3.45	0.014	OK	-0.30
NE+6.80	39	DER6	-0.004	0.009	0.004	3.35	0.013	OK	0.29
NE+3.45	39	DER6	-0.002	0.004	-0.004	3.45	0.014	OK	-0.27
NE+6.80	39	DER7	-0.004	-0.009	0.004	3.35	0.013	OK	0.29
NE+3.45	39	DER7	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.25
NE+6.80	39	DER8	0.001	-0.009	0.003	3.35	0.013	OK	0.26
NE+3.45	39	DER8	0.001	-0.004	-0.003	3.45	0.014	OK	-0.20
NE+6.80	39	DER9	0.008	0.003	0.003	3.35	0.013	OK	0.22
NE+3.45	39	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	39	DER10	0.008	-0.003	0.003	3.35	0.013	OK	0.22
NE+3.45	39	DER10	0.004	-0.001	-0.004	3.45	0.014	OK	-0.31
NE+6.80	39	DER11	-0.010	-0.003	0.004	3.35	0.013	OK	0.30
NE+3.45	39	DER11	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.30
NE+6.80	39	DER12	-0.010	0.003	0.004	3.35	0.013	OK	0.30
NE+3.45	39	DER12	-0.005	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	39	DER13	0.002	0.009	0.004	3.35	0.013	OK	0.26
NE+3.45	39	DER13	0.001	0.004	-0.004	3.45	0.014	OK	-0.29
NE+6.80	39	DER14	-0.004	0.009	0.004	3.35	0.013	OK	0.29
NE+3.45	39	DER14	-0.002	0.004	-0.004	3.45	0.014	OK	-0.27
NE+6.80	39	DER15	-0.004	-0.009	0.004	3.35	0.013	OK	0.28
NE+3.45	39	DER15	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.25
NE+6.80	39	DER16	0.002	-0.009	0.004	3.35	0.013	OK	0.26
NE+3.45	39	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.23

0.314

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	42	DER1	0.008	0.005	0.004	3.35	0.013	OK	0.27
NE+3.45	42	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.23
NE+6.80	42	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	42	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.39
NE+6.80	42	DER3	-0.011	-0.005	0.005	3.35	0.013	OK	0.36
NE+3.45	42	DER3	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.33
NE+6.80	42	DER4	-0.011	0.005	0.005	3.35	0.013	OK	0.35
NE+3.45	42	DER4	-0.005	0.002	-0.007	3.45	0.014	OK	-0.54
NE+6.80	42	DER5	0.002	0.016	0.006	3.35	0.013	OK	0.48
NE+3.45	42	DER5	0.001	0.007	-0.007	3.45	0.014	OK	-0.48
NE+6.80	42	DER6	-0.004	0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	42	DER6	-0.002	0.006	-0.007	3.45	0.014	OK	-0.48
NE+6.80	42	DER7	-0.005	-0.015	0.006	3.35	0.013	OK	0.48
NE+3.45	42	DER7	-0.002	-0.007	-0.006	3.45	0.014	OK	-0.43
NE+6.80	42	DER8	0.001	-0.015	0.006	3.35	0.013	OK	0.46
NE+3.45	42	DER8	0.001	-0.006	-0.002	3.45	0.014	OK	-0.17
NE+6.80	42	DER9	0.009	0.005	0.004	3.35	0.013	OK	0.27
NE+3.45	42	DER9	0.004	0.002	-0.003	3.45	0.014	OK	-0.24
NE+6.80	42	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.26
NE+3.45	42	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.38
NE+6.80	42	DER11	-0.011	-0.005	0.005	3.35	0.013	OK	0.35
NE+3.45	42	DER11	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.32
NE+6.80	42	DER12	-0.011	0.005	0.005	3.35	0.013	OK	0.35
NE+3.45	42	DER12	-0.005	0.002	-0.008	3.45	0.014	OK	-0.55
NE+6.80	42	DER13	0.002	0.016	0.006	3.35	0.013	OK	0.48
NE+3.45	42	DER13	0.001	0.007	-0.006	3.45	0.014	OK	-0.47
NE+6.80	42	DER14	-0.004	0.015	0.007	3.35	0.013	OK	0.49
NE+3.45	42	DER14	-0.001	0.006	-0.007	3.45	0.014	OK	-0.48
NE+6.80	42	DER15	-0.004	-0.015	0.006	3.35	0.013	OK	0.48
NE+3.45	42	DER15	-0.002	-0.007	-0.006	3.45	0.014	OK	-0.43
NE+6.80	42	DER16	0.001	-0.015	0.006	3.35	0.013	OK	0.46
NE+3.45	42	DER16	0.001	-0.006	0.005	3.45	0.014	OK	0.33

0.493

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	43	DER1	0.008	0.005	0.004	3.35	0.013	OK	0.27
NE+3.45	43	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.23
NE+6.80	43	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	43	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.40
NE+6.80	43	DER3	-0.011	-0.005	0.005	3.35	0.013	OK	0.36
NE+3.45	43	DER3	-0.005	-0.002	-0.005	3.45	0.014	OK	-0.33
NE+6.80	43	DER4	-0.011	0.005	0.005	3.35	0.013	OK	0.35
NE+3.45	43	DER4	-0.005	0.002	-0.008	3.45	0.014	OK	-0.55
NE+6.80	43	DER5	0.002	0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	43	DER5	0.001	0.006	-0.007	3.45	0.014	OK	-0.49
NE+6.80	43	DER6	-0.004	0.016	0.007	3.35	0.013	OK	0.51
NE+3.45	43	DER6	-0.002	0.006	-0.007	3.45	0.014	OK	-0.50
NE+6.80	43	DER7	-0.005	-0.016	0.007	3.35	0.013	OK	0.51
NE+3.45	43	DER7	-0.002	-0.006	-0.006	3.45	0.014	OK	-0.45
NE+6.80	43	DER8	0.001	-0.015	0.006	3.35	0.013	OK	0.48
NE+3.45	43	DER8	0.001	-0.006	-0.003	3.45	0.014	OK	-0.18
NE+6.80	43	DER9	0.009	0.005	0.004	3.35	0.013	OK	0.28
NE+3.45	43	DER9	0.004	0.002	-0.003	3.45	0.014	OK	-0.24
NE+6.80	43	DER10	0.008	-0.004	0.004	3.35	0.013	OK	0.26
NE+3.45	43	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.37
NE+6.80	43	DER11	-0.011	-0.005	0.005	3.35	0.013	OK	0.35
NE+3.45	43	DER11	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.32
NE+6.80	43	DER12	-0.011	0.005	0.005	3.35	0.013	OK	0.34
NE+3.45	43	DER12	-0.005	0.002	-0.008	3.45	0.014	OK	-0.56
NE+6.80	43	DER13	0.002	0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	43	DER13	0.001	0.006	-0.007	3.45	0.014	OK	-0.48
NE+6.80	43	DER14	-0.004	0.016	0.007	3.35	0.013	OK	0.50
NE+3.45	43	DER14	-0.001	0.006	-0.007	3.45	0.014	OK	-0.49
NE+6.80	43	DER15	-0.004	-0.016	0.007	3.35	0.013	OK	0.50
NE+3.45	43	DER15	-0.002	-0.006	-0.006	3.45	0.014	OK	-0.45
NE+6.80	43	DER16	0.001	-0.015	0.006	3.35	0.013	OK	0.48
NE+3.45	43	DER16	0.001	-0.006	0.004	3.45	0.014	OK	0.32

0.507

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	44	DER1	0.008	0.005	0.003	3.35	0.013	OK	0.26
NE+3.45	44	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.23
NE+6.80	44	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	44	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.38
NE+6.80	44	DER3	-0.011	-0.004	0.005	3.35	0.013	OK	0.35
NE+3.45	44	DER3	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.33
NE+6.80	44	DER4	-0.011	0.004	0.005	3.35	0.013	OK	0.34
NE+3.45	44	DER4	-0.005	0.002	-0.007	3.45	0.014	OK	-0.47
NE+6.80	44	DER5	0.002	0.014	0.006	3.35	0.013	OK	0.42
NE+3.45	44	DER5	0.001	0.006	-0.006	3.45	0.014	OK	-0.43
NE+6.80	44	DER6	-0.004	0.014	0.006	3.35	0.013	OK	0.44
NE+3.45	44	DER6	-0.002	0.006	-0.006	3.45	0.014	OK	-0.43
NE+6.80	44	DER7	-0.005	-0.014	0.006	3.35	0.013	OK	0.44
NE+3.45	44	DER7	-0.002	-0.006	-0.005	3.45	0.014	OK	-0.38
NE+6.80	44	DER8	0.001	-0.014	0.005	3.35	0.013	OK	0.41
NE+3.45	44	DER8	0.001	-0.006	-0.003	3.45	0.014	OK	-0.18
NE+6.80	44	DER9	0.009	0.005	0.004	3.35	0.013	OK	0.27
NE+3.45	44	DER9	0.004	0.002	-0.003	3.45	0.014	OK	-0.24
NE+6.80	44	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	44	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.36
NE+6.80	44	DER11	-0.011	-0.004	0.004	3.35	0.013	OK	0.34
NE+3.45	44	DER11	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.31
NE+6.80	44	DER12	-0.011	0.004	0.005	3.35	0.013	OK	0.34
NE+3.45	44	DER12	-0.005	0.002	-0.007	3.45	0.014	OK	-0.48
NE+6.80	44	DER13	0.002	0.014	0.006	3.35	0.013	OK	0.42
NE+3.45	44	DER13	0.001	0.006	-0.006	3.45	0.014	OK	-0.42
NE+6.80	44	DER14	-0.004	0.014	0.006	3.35	0.013	OK	0.43
NE+3.45	44	DER14	-0.001	0.006	-0.006	3.45	0.014	OK	-0.43
NE+6.80	44	DER15	-0.004	-0.014	0.006	3.35	0.013	OK	0.43
NE+3.45	44	DER15	-0.002	-0.006	-0.005	3.45	0.014	OK	-0.38
NE+6.80	44	DER16	0.001	-0.014	0.005	3.35	0.013	OK	0.41
NE+3.45	44	DER16	0.001	-0.006	0.004	3.45	0.014	OK	0.31

0.441

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	45	DER1	0.008	0.005	0.004	3.35	0.013	OK	0.26
NE+3.45	45	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.23
NE+6.80	45	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	45	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.38
NE+6.80	45	DER3	-0.011	-0.004	0.005	3.35	0.013	OK	0.35
NE+3.45	45	DER3	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.32
NE+6.80	45	DER4	-0.011	0.004	0.005	3.35	0.013	OK	0.34
NE+3.45	45	DER4	-0.005	0.002	-0.007	3.45	0.014	OK	-0.50
NE+6.80	45	DER5	0.002	0.015	0.006	3.35	0.013	OK	0.46
NE+3.45	45	DER5	0.001	0.006	-0.006	3.45	0.014	OK	-0.46
NE+6.80	45	DER6	-0.004	0.015	0.006	3.35	0.013	OK	0.48
NE+3.45	45	DER6	-0.002	0.006	-0.006	3.45	0.014	OK	-0.46
NE+6.80	45	DER7	-0.005	-0.014	0.006	3.35	0.013	OK	0.47
NE+3.45	45	DER7	-0.002	-0.006	-0.006	3.45	0.014	OK	-0.42
NE+6.80	45	DER8	0.001	-0.014	0.006	3.35	0.013	OK	0.45
NE+3.45	45	DER8	0.001	-0.006	-0.003	3.45	0.014	OK	-0.19
NE+6.80	45	DER9	0.009	0.005	0.004	3.35	0.013	OK	0.27
NE+3.45	45	DER9	0.004	0.002	-0.003	3.45	0.014	OK	-0.24
NE+6.80	45	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.26
NE+3.45	45	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.36
NE+6.80	45	DER11	-0.011	-0.004	0.005	3.35	0.013	OK	0.34
NE+3.45	45	DER11	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.32
NE+6.80	45	DER12	-0.010	0.004	0.005	3.35	0.013	OK	0.34
NE+3.45	45	DER12	-0.005	0.002	-0.007	3.45	0.014	OK	-0.50
NE+6.80	45	DER13	0.002	0.015	0.006	3.35	0.013	OK	0.46
NE+3.45	45	DER13	0.001	0.006	-0.006	3.45	0.014	OK	-0.46
NE+6.80	45	DER14	-0.004	0.015	0.006	3.35	0.013	OK	0.47
NE+3.45	45	DER14	-0.001	0.006	-0.006	3.45	0.014	OK	-0.46
NE+6.80	45	DER15	-0.004	-0.015	0.006	3.35	0.013	OK	0.47
NE+3.45	45	DER15	-0.002	-0.006	-0.006	3.45	0.014	OK	-0.43
NE+6.80	45	DER16	0.001	-0.014	0.006	3.35	0.013	OK	0.45
NE+3.45	45	DER16	0.001	-0.006	0.004	3.45	0.014	OK	0.30

0.475

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	46	DER1	0.008	0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	46	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.22
NE+6.80	46	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	46	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.37
NE+6.80	46	DER3	-0.011	-0.004	0.005	3.35	0.013	OK	0.34
NE+3.45	46	DER3	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.32
NE+6.80	46	DER4	-0.011	0.004	0.004	3.35	0.013	OK	0.34
NE+3.45	46	DER4	-0.005	0.002	-0.006	3.45	0.014	OK	-0.43
NE+6.80	46	DER5	0.002	0.013	0.005	3.35	0.013	OK	0.40
NE+3.45	46	DER5	0.001	0.006	-0.006	3.45	0.014	OK	-0.41
NE+6.80	46	DER6	-0.004	0.013	0.006	3.35	0.013	OK	0.42
NE+3.45	46	DER6	-0.002	0.006	-0.006	3.45	0.014	OK	-0.41
NE+6.80	46	DER7	-0.005	-0.013	0.006	3.35	0.013	OK	0.41
NE+3.45	46	DER7	-0.002	-0.006	-0.005	3.45	0.014	OK	-0.36
NE+6.80	46	DER8	0.001	-0.013	0.005	3.35	0.013	OK	0.39
NE+3.45	46	DER8	0.001	-0.006	-0.003	3.45	0.014	OK	-0.19
NE+6.80	46	DER9	0.009	0.004	0.003	3.35	0.013	OK	0.26
NE+3.45	46	DER9	0.004	0.002	-0.003	3.45	0.014	OK	-0.24
NE+6.80	46	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	46	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.35
NE+6.80	46	DER11	-0.011	-0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	46	DER11	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.31
NE+6.80	46	DER12	-0.010	0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	46	DER12	-0.005	0.002	-0.006	3.45	0.014	OK	-0.44
NE+6.80	46	DER13	0.002	0.013	0.005	3.35	0.013	OK	0.40
NE+3.45	46	DER13	0.001	0.006	-0.006	3.45	0.014	OK	-0.40
NE+6.80	46	DER14	-0.004	0.013	0.006	3.35	0.013	OK	0.42
NE+3.45	46	DER14	-0.001	0.006	-0.006	3.45	0.014	OK	-0.41
NE+6.80	46	DER15	-0.004	-0.013	0.006	3.35	0.013	OK	0.41
NE+3.45	46	DER15	-0.002	-0.006	-0.005	3.45	0.014	OK	-0.37
NE+6.80	46	DER16	0.001	-0.013	0.005	3.35	0.013	OK	0.39
NE+3.45	46	DER16	0.001	-0.006	0.004	3.45	0.014	OK	0.29

0.420

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	47	DER1	0.008	0.004	0.003	3.35	0.013	OK	0.26
NE+3.45	47	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.23
NE+6.80	47	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	47	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.37
NE+6.80	47	DER3	-0.011	-0.004	0.005	3.35	0.013	OK	0.34
NE+3.45	47	DER3	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.32
NE+6.80	47	DER4	-0.011	0.004	0.005	3.35	0.013	OK	0.34
NE+3.45	47	DER4	-0.005	0.002	-0.006	3.45	0.014	OK	-0.46
NE+6.80	47	DER5	0.002	0.014	0.006	3.35	0.013	OK	0.44
NE+3.45	47	DER5	0.001	0.005	-0.006	3.45	0.014	OK	-0.45
NE+6.80	47	DER6	-0.004	0.014	0.006	3.35	0.013	OK	0.46
NE+3.45	47	DER6	-0.002	0.005	-0.006	3.45	0.014	OK	-0.45
NE+6.80	47	DER7	-0.005	-0.014	0.006	3.35	0.013	OK	0.45
NE+3.45	47	DER7	-0.002	-0.005	-0.006	3.45	0.014	OK	-0.40
NE+6.80	47	DER8	0.001	-0.014	0.006	3.35	0.013	OK	0.43
NE+3.45	47	DER8	0.001	-0.005	-0.003	3.45	0.014	OK	-0.20
NE+6.80	47	DER9	0.009	0.004	0.004	3.35	0.013	OK	0.26
NE+3.45	47	DER9	0.004	0.002	-0.003	3.45	0.014	OK	-0.24
NE+6.80	47	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.26
NE+3.45	47	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.35
NE+6.80	47	DER11	-0.011	-0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	47	DER11	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.31
NE+6.80	47	DER12	-0.010	0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	47	DER12	-0.005	0.002	-0.007	3.45	0.014	OK	-0.47
NE+6.80	47	DER13	0.002	0.014	0.006	3.35	0.013	OK	0.45
NE+3.45	47	DER13	0.001	0.005	-0.006	3.45	0.014	OK	-0.44
NE+6.80	47	DER14	-0.004	0.014	0.006	3.35	0.013	OK	0.45
NE+3.45	47	DER14	-0.001	0.005	-0.006	3.45	0.014	OK	-0.44
NE+6.80	47	DER15	-0.004	-0.014	0.006	3.35	0.013	OK	0.45
NE+3.45	47	DER15	-0.002	-0.005	-0.006	3.45	0.014	OK	-0.41
NE+6.80	47	DER16	0.002	-0.014	0.006	3.35	0.013	OK	0.43
NE+3.45	47	DER16	0.001	-0.005	0.004	3.45	0.014	OK	0.28

0.460

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	48	DER1	0.008	0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	48	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.23
NE+6.80	48	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	48	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.36
NE+6.80	48	DER3	-0.011	-0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	48	DER3	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.32
NE+6.80	48	DER4	-0.011	0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	48	DER4	-0.005	0.002	-0.005	3.45	0.014	OK	-0.39
NE+6.80	48	DER5	0.002	0.013	0.005	3.35	0.013	OK	0.39
NE+3.45	48	DER5	0.001	0.005	-0.005	3.45	0.014	OK	-0.40
NE+6.80	48	DER6	-0.004	0.013	0.005	3.35	0.013	OK	0.40
NE+3.45	48	DER6	-0.002	0.005	-0.005	3.45	0.014	OK	-0.39
NE+6.80	48	DER7	-0.005	-0.012	0.005	3.35	0.013	OK	0.39
NE+3.45	48	DER7	-0.002	-0.005	-0.005	3.45	0.014	OK	-0.35
NE+6.80	48	DER8	0.001	-0.012	0.005	3.35	0.013	OK	0.37
NE+3.45	48	DER8	0.001	-0.005	-0.003	3.45	0.014	OK	-0.21
NE+6.80	48	DER9	0.009	0.004	0.003	3.35	0.013	OK	0.26
NE+3.45	48	DER9	0.004	0.002	-0.003	3.45	0.014	OK	-0.24
NE+6.80	48	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	48	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.34
NE+6.80	48	DER11	-0.011	-0.004	0.004	3.35	0.013	OK	0.32
NE+3.45	48	DER11	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.31
NE+6.80	48	DER12	-0.010	0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	48	DER12	-0.005	0.002	-0.006	3.45	0.014	OK	-0.40
NE+6.80	48	DER13	0.002	0.013	0.005	3.35	0.013	OK	0.38
NE+3.45	48	DER13	0.001	0.005	-0.005	3.45	0.014	OK	-0.39
NE+6.80	48	DER14	-0.004	0.013	0.005	3.35	0.013	OK	0.40
NE+3.45	48	DER14	-0.001	0.005	-0.005	3.45	0.014	OK	-0.39
NE+6.80	48	DER15	-0.004	-0.012	0.005	3.35	0.013	OK	0.39
NE+3.45	48	DER15	-0.002	-0.005	-0.005	3.45	0.014	OK	-0.35
NE+6.80	48	DER16	0.002	-0.012	0.005	3.35	0.013	OK	0.37
NE+3.45	48	DER16	0.001	-0.005	0.004	3.45	0.014	OK	0.27

0.403

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	49	DER1	0.008	0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	49	DER1	0.004	0.002	-0.003	3.45	0.014	OK	-0.23
NE+6.80	49	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	49	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.37
NE+6.80	49	DER3	-0.011	-0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	49	DER3	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.32
NE+6.80	49	DER4	-0.011	0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	49	DER4	-0.005	0.002	-0.006	3.45	0.014	OK	-0.41
NE+6.80	49	DER5	0.002	0.013	0.006	3.35	0.013	OK	0.41
NE+3.45	49	DER5	0.001	0.005	-0.006	3.45	0.014	OK	-0.42
NE+6.80	49	DER6	-0.004	0.013	0.006	3.35	0.013	OK	0.43
NE+3.45	49	DER6	-0.002	0.005	-0.006	3.45	0.014	OK	-0.42
NE+6.80	49	DER7	-0.005	-0.013	0.006	3.35	0.013	OK	0.42
NE+3.45	49	DER7	-0.002	-0.005	-0.005	3.45	0.014	OK	-0.38
NE+6.80	49	DER8	0.001	-0.013	0.005	3.35	0.013	OK	0.40
NE+3.45	49	DER8	0.001	-0.005	-0.003	3.45	0.014	OK	-0.22
NE+6.80	49	DER9	0.009	0.004	0.003	3.35	0.013	OK	0.26
NE+3.45	49	DER9	0.004	0.002	-0.003	3.45	0.014	OK	-0.24
NE+6.80	49	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	49	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.35
NE+6.80	49	DER11	-0.011	-0.004	0.004	3.35	0.013	OK	0.32
NE+3.45	49	DER11	-0.005	-0.002	-0.004	3.45	0.014	OK	-0.31
NE+6.80	49	DER12	-0.010	0.004	0.004	3.35	0.013	OK	0.33
NE+3.45	49	DER12	-0.005	0.002	-0.006	3.45	0.014	OK	-0.42
NE+6.80	49	DER13	0.002	0.013	0.005	3.35	0.013	OK	0.41
NE+3.45	49	DER13	0.001	0.005	-0.006	3.45	0.014	OK	-0.42
NE+6.80	49	DER14	-0.003	0.013	0.006	3.35	0.013	OK	0.43
NE+3.45	49	DER14	-0.001	0.005	-0.006	3.45	0.014	OK	-0.42
NE+6.80	49	DER15	-0.004	-0.013	0.006	3.35	0.013	OK	0.42
NE+3.45	49	DER15	-0.002	-0.005	-0.005	3.45	0.014	OK	-0.38
NE+6.80	49	DER16	0.002	-0.013	0.005	3.35	0.013	OK	0.40
NE+3.45	49	DER16	0.001	-0.005	0.004	3.45	0.014	OK	0.26

0.428

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	50	DER1	0.008	0.003	0.003	3.35	0.013	OK	0.24
NE+3.45	50	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	50	DER2	0.008	-0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	50	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.35
NE+6.80	50	DER3	-0.011	-0.003	0.004	3.35	0.013	OK	0.32
NE+3.45	50	DER3	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.31
NE+6.80	50	DER4	-0.011	0.004	0.004	3.35	0.013	OK	0.32
NE+3.45	50	DER4	-0.005	0.002	-0.004	3.45	0.014	OK	-0.32
NE+6.80	50	DER5	0.002	0.011	0.004	3.35	0.013	OK	0.33
NE+3.45	50	DER5	0.001	0.005	-0.005	3.45	0.014	OK	-0.34
NE+6.80	50	DER6	-0.004	0.011	0.005	3.35	0.013	OK	0.35
NE+3.45	50	DER6	-0.002	0.005	-0.005	3.45	0.014	OK	-0.34
NE+6.80	50	DER7	-0.004	-0.011	0.005	3.35	0.013	OK	0.34
NE+3.45	50	DER7	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.29
NE+6.80	50	DER8	0.001	-0.011	0.004	3.35	0.013	OK	0.32
NE+3.45	50	DER8	0.001	-0.005	-0.003	3.45	0.014	OK	-0.22
NE+6.80	50	DER9	0.009	0.003	0.003	3.35	0.013	OK	0.25
NE+3.45	50	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	50	DER10	0.008	-0.003	0.003	3.35	0.013	OK	0.24
NE+3.45	50	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.33
NE+6.80	50	DER11	-0.010	-0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	50	DER11	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.30
NE+6.80	50	DER12	-0.010	0.004	0.004	3.35	0.013	OK	0.32
NE+3.45	50	DER12	-0.005	0.002	-0.005	3.45	0.014	OK	-0.33
NE+6.80	50	DER13	0.002	0.011	0.004	3.35	0.013	OK	0.33
NE+3.45	50	DER13	0.001	0.005	-0.005	3.45	0.014	OK	-0.34
NE+6.80	50	DER14	-0.003	0.011	0.005	3.35	0.013	OK	0.35
NE+3.45	50	DER14	-0.001	0.005	-0.005	3.45	0.014	OK	-0.33
NE+6.80	50	DER15	-0.004	-0.011	0.004	3.35	0.013	OK	0.34
NE+3.45	50	DER15	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.30
NE+6.80	50	DER16	0.002	-0.011	0.004	3.35	0.013	OK	0.32
NE+3.45	50	DER16	0.001	-0.005	0.003	3.45	0.014	OK	0.25

0.349

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	51	DER1	0.008	0.003	0.003	3.35	0.013	OK	0.24
NE+3.45	51	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	51	DER2	0.008	-0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	51	DER2	0.004	-0.002	-0.005	3.45	0.014	OK	-0.35
NE+6.80	51	DER3	-0.011	-0.003	0.004	3.35	0.013	OK	0.32
NE+3.45	51	DER3	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.31
NE+6.80	51	DER4	-0.011	0.003	0.004	3.35	0.013	OK	0.32
NE+3.45	51	DER4	-0.005	0.002	-0.004	3.45	0.014	OK	-0.28
NE+6.80	51	DER5	0.002	0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	51	DER5	0.001	0.005	-0.004	3.45	0.014	OK	-0.32
NE+6.80	51	DER6	-0.004	0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	51	DER6	-0.002	0.005	-0.004	3.45	0.014	OK	-0.31
NE+6.80	51	DER7	-0.004	-0.010	0.004	3.35	0.013	OK	0.32
NE+3.45	51	DER7	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.27
NE+6.80	51	DER8	0.001	-0.010	0.004	3.35	0.013	OK	0.29
NE+3.45	51	DER8	0.001	-0.005	-0.003	3.45	0.014	OK	-0.22
NE+6.80	51	DER9	0.009	0.003	0.003	3.35	0.013	OK	0.25
NE+3.45	51	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	51	DER10	0.008	-0.003	0.003	3.35	0.013	OK	0.24
NE+3.45	51	DER10	0.004	-0.002	-0.005	3.45	0.014	OK	-0.33
NE+6.80	51	DER11	-0.010	-0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	51	DER11	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.30
NE+6.80	51	DER12	-0.010	0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	51	DER12	-0.005	0.002	-0.004	3.45	0.014	OK	-0.29
NE+6.80	51	DER13	0.002	0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	51	DER13	0.001	0.005	-0.004	3.45	0.014	OK	-0.31
NE+6.80	51	DER14	-0.003	0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	51	DER14	-0.001	0.005	-0.004	3.45	0.014	OK	-0.30
NE+6.80	51	DER15	-0.004	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	51	DER15	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.27
NE+6.80	51	DER16	0.002	-0.010	0.004	3.35	0.013	OK	0.29
NE+3.45	51	DER16	0.001	-0.005	0.003	3.45	0.014	OK	0.24

0.318

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	52	DER1	0.008	0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	52	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	52	DER2	0.008	-0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	52	DER2	0.004	-0.001	-0.005	3.45	0.014	OK	-0.35
NE+6.80	52	DER3	-0.011	-0.003	0.004	3.35	0.013	OK	0.32
NE+3.45	52	DER3	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.31
NE+6.80	52	DER4	-0.011	0.003	0.004	3.35	0.013	OK	0.32
NE+3.45	52	DER4	-0.005	0.002	-0.004	3.45	0.014	OK	-0.26
NE+6.80	52	DER5	0.002	0.010	0.004	3.35	0.013	OK	0.28
NE+3.45	52	DER5	0.001	0.005	-0.004	3.45	0.014	OK	-0.30
NE+6.80	52	DER6	-0.004	0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	52	DER6	-0.002	0.005	-0.004	3.45	0.014	OK	-0.30
NE+6.80	52	DER7	-0.004	-0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	52	DER7	-0.002	-0.005	-0.003	3.45	0.014	OK	-0.25
NE+6.80	52	DER8	0.001	-0.010	0.004	3.35	0.013	OK	0.27
NE+3.45	52	DER8	0.001	-0.005	-0.003	3.45	0.014	OK	-0.22
NE+6.80	52	DER9	0.009	0.003	0.003	3.35	0.013	OK	0.24
NE+3.45	52	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	52	DER10	0.008	-0.003	0.003	3.35	0.013	OK	0.24
NE+3.45	52	DER10	0.004	-0.001	-0.005	3.45	0.014	OK	-0.33
NE+6.80	52	DER11	-0.010	-0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	52	DER11	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.30
NE+6.80	52	DER12	-0.010	0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	52	DER12	-0.005	0.002	-0.004	3.45	0.014	OK	-0.27
NE+6.80	52	DER13	0.002	0.010	0.004	3.35	0.013	OK	0.28
NE+3.45	52	DER13	0.001	0.005	-0.004	3.45	0.014	OK	-0.29
NE+6.80	52	DER14	-0.003	0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	52	DER14	-0.001	0.005	-0.004	3.45	0.014	OK	-0.29
NE+6.80	52	DER15	-0.004	-0.010	0.004	3.35	0.013	OK	0.29
NE+3.45	52	DER15	-0.002	-0.005	-0.003	3.45	0.014	OK	-0.25
NE+6.80	52	DER16	0.002	-0.010	0.004	3.35	0.013	OK	0.27
NE+3.45	52	DER16	0.001	-0.005	0.003	3.45	0.014	OK	0.23

0.318

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	53	DER1	0.008	0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	53	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	53	DER2	0.008	-0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	53	DER2	0.004	-0.001	-0.005	3.45	0.014	OK	-0.35
NE+6.80	53	DER3	-0.011	-0.003	0.004	3.35	0.013	OK	0.32
NE+3.45	53	DER3	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.30
NE+6.80	53	DER4	-0.011	0.003	0.004	3.35	0.013	OK	0.32
NE+3.45	53	DER4	-0.005	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	53	DER5	0.002	0.009	0.004	3.35	0.013	OK	0.26
NE+3.45	53	DER5	0.001	0.004	-0.004	3.45	0.014	OK	-0.29
NE+6.80	53	DER6	-0.004	0.009	0.004	3.35	0.013	OK	0.28
NE+3.45	53	DER6	-0.002	0.004	-0.004	3.45	0.014	OK	-0.28
NE+6.80	53	DER7	-0.004	-0.009	0.004	3.35	0.013	OK	0.29
NE+3.45	53	DER7	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.24
NE+6.80	53	DER8	0.001	-0.009	0.003	3.35	0.013	OK	0.26
NE+3.45	53	DER8	0.001	-0.004	-0.003	3.45	0.014	OK	-0.22
NE+6.80	53	DER9	0.009	0.003	0.003	3.35	0.013	OK	0.24
NE+3.45	53	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	53	DER10	0.008	-0.003	0.003	3.35	0.013	OK	0.24
NE+3.45	53	DER10	0.004	-0.001	-0.005	3.45	0.014	OK	-0.33
NE+6.80	53	DER11	-0.010	-0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	53	DER11	-0.005	-0.001	-0.004	3.45	0.014	OK	-0.29
NE+6.80	53	DER12	-0.010	0.003	0.004	3.35	0.013	OK	0.31
NE+3.45	53	DER12	-0.005	0.001	-0.003	3.45	0.014	OK	-0.25
NE+6.80	53	DER13	0.002	0.009	0.004	3.35	0.013	OK	0.27
NE+3.45	53	DER13	0.001	0.004	-0.004	3.45	0.014	OK	-0.28
NE+6.80	53	DER14	-0.003	0.009	0.004	3.35	0.013	OK	0.28
NE+3.45	53	DER14	-0.001	0.004	-0.004	3.45	0.014	OK	-0.28
NE+6.80	53	DER15	-0.004	-0.009	0.004	3.35	0.013	OK	0.28
NE+3.45	53	DER15	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.24
NE+6.80	53	DER16	0.002	-0.009	0.003	3.35	0.013	OK	0.26
NE+3.45	53	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.23

0.316

2.4.1 DESPLAZAMIENTOS NUDOS UMBRAL DE DAÑO

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+6.80	15	DER1	0.0079	0.0049	-0.0004	0.0000	0.0000	0.0001
NE+6.80	15	DER2	0.0081	-0.0044	-0.0004	0.0015	0.0000	0.0002
NE+6.80	15	DER3	-0.0108	-0.0049	-0.0005	0.0015	-0.0027	0.0000
NE+6.80	15	DER4	-0.0111	0.0044	-0.0005	0.0001	-0.0027	-0.0001
NE+6.80	15	DER5	0.0010	0.0155	-0.0004	-0.0016	-0.0009	-0.0001
NE+6.80	15	DER6	-0.0047	0.0153	-0.0004	-0.0016	-0.0018	-0.0002
NE+6.80	15	DER7	-0.0040	-0.0155	-0.0005	0.0032	-0.0017	0.0002
NE+6.80	15	DER8	0.0017	-0.0153	-0.0005	0.0032	-0.0009	0.0002
NE+6.80	15	DER9	0.0082	0.0049	-0.0003	0.0002	0.0000	0.0000
NE+6.80	15	DER10	0.0084	-0.0044	-0.0004	0.0016	0.0000	0.0002
NE+6.80	15	DER11	-0.0105	-0.0049	-0.0004	0.0017	-0.0027	0.0000
NE+6.80	15	DER12	-0.0107	0.0044	-0.0004	0.0002	-0.0027	-0.0001
NE+6.80	15	DER13	0.0013	0.0155	-0.0003	-0.0015	-0.0009	-0.0001
NE+6.80	15	DER14	-0.0044	0.0153	-0.0003	-0.0015	-0.0017	-0.0002
NE+6.80	15	DER15	-0.0037	-0.0155	-0.0004	0.0033	-0.0017	0.0002
NE+6.80	15	DER16	0.0020	-0.0153	-0.0004	0.0033	-0.0009	0.0002
NE+6.80	16	DER1	0.0079	0.0049	-0.0004	0.0000	0.0010	0.0001
NE+6.80	16	DER2	0.0081	-0.0044	-0.0004	0.0016	0.0010	0.0001
NE+6.80	16	DER3	-0.0108	-0.0048	-0.0004	0.0016	-0.0014	0.0000
NE+6.80	16	DER4	-0.0110	0.0045	-0.0004	0.0000	-0.0015	-0.0001
NE+6.80	16	DER5	0.0010	0.0156	-0.0004	-0.0018	0.0001	-0.0001
NE+6.80	16	DER6	-0.0046	0.0155	-0.0004	-0.0018	-0.0006	-0.0001
NE+6.80	16	DER7	-0.0039	-0.0155	-0.0004	0.0035	-0.0006	0.0001
NE+6.80	16	DER8	0.0018	-0.0154	-0.0004	0.0035	0.0002	0.0002
NE+6.80	16	DER9	0.0082	0.0049	-0.0003	0.0002	0.0010	0.0001
NE+6.80	16	DER10	0.0084	-0.0044	-0.0003	0.0018	0.0011	0.0001
NE+6.80	16	DER11	-0.0104	-0.0049	-0.0003	0.0018	-0.0014	0.0000
NE+6.80	16	DER12	-0.0107	0.0045	-0.0003	0.0002	-0.0014	-0.0001
NE+6.80	16	DER13	0.0014	0.0156	-0.0003	-0.0017	0.0002	-0.0001
NE+6.80	16	DER14	-0.0043	0.0155	-0.0003	-0.0017	-0.0006	-0.0001
NE+6.80	16	DER15	-0.0036	-0.0156	-0.0003	0.0036	-0.0005	0.0001
NE+6.80	16	DER16	0.0021	-0.0154	-0.0003	0.0036	0.0002	0.0002

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+6.80	43	DER7	-0.0046	-0.0155	-0.0004	0.0018	-0.0006	0.0001
NE+6.80	43	DER8	0.0011	-0.0153	-0.0004	0.0018	0.0001	0.0001
NE+6.80	43	DER9	0.0085	0.0050	-0.0003	-0.0018	0.0011	-0.0002
NE+6.80	43	DER10	0.0083	-0.0043	-0.0003	-0.0002	0.0011	-0.0001
NE+6.80	43	DER11	-0.0107	-0.0048	-0.0003	-0.0002	-0.0014	0.0001
NE+6.80	43	DER12	-0.0105	0.0045	-0.0003	-0.0018	-0.0014	0.0001
NE+6.80	43	DER13	0.0021	0.0157	-0.0003	-0.0037	0.0002	-0.0002
NE+6.80	43	DER14	-0.0036	0.0155	-0.0003	-0.0036	-0.0005	-0.0001
NE+6.80	43	DER15	-0.0043	-0.0155	-0.0003	0.0017	-0.0006	0.0001
NE+6.80	43	DER16	0.0014	-0.0154	-0.0003	0.0016	0.0002	0.0001
NE+6.80	44	DER1	0.0082	0.0045	-0.0004	-0.0016	0.0010	-0.0002
NE+6.80	44	DER2	0.0080	-0.0039	-0.0004	-0.0003	0.0010	-0.0001
NE+6.80	44	DER3	-0.0110	-0.0042	-0.0004	-0.0003	-0.0015	0.0001
NE+6.80	44	DER4	-0.0108	0.0042	-0.0004	-0.0016	-0.0015	0.0001
NE+6.80	44	DER5	0.0018	0.0142	-0.0004	-0.0031	0.0001	-0.0002
NE+6.80	44	DER6	-0.0039	0.0141	-0.0004	-0.0031	-0.0006	-0.0001
NE+6.80	44	DER7	-0.0046	-0.0139	-0.0003	0.0012	-0.0007	0.0001
NE+6.80	44	DER8	0.0011	-0.0138	-0.0003	0.0012	0.0001	0.0001
NE+6.80	44	DER9	0.0085	0.0045	-0.0003	-0.0017	0.0010	-0.0002
NE+6.80	44	DER10	0.0083	-0.0039	-0.0003	-0.0005	0.0010	-0.0001
NE+6.80	44	DER11	-0.0107	-0.0042	-0.0003	-0.0004	-0.0015	0.0001
NE+6.80	44	DER12	-0.0105	0.0041	-0.0003	-0.0017	-0.0014	0.0001
NE+6.80	44	DER13	0.0021	0.0141	-0.0003	-0.0032	0.0002	-0.0002
NE+6.80	44	DER14	-0.0036	0.0140	-0.0003	-0.0032	-0.0006	-0.0001
NE+6.80	44	DER15	-0.0043	-0.0139	-0.0003	0.0011	-0.0006	0.0001
NE+6.80	44	DER16	0.0014	-0.0138	-0.0003	0.0010	0.0001	0.0001
NE+6.80	45	DER1	0.0082	0.0046	-0.0004	-0.0016	0.0010	-0.0002
NE+6.80	45	DER2	0.0080	-0.0041	-0.0004	-0.0001	0.0010	-0.0001
NE+6.80	45	DER3	-0.0109	-0.0044	-0.0004	-0.0001	-0.0015	0.0001
NE+6.80	45	DER4	-0.0107	0.0043	-0.0004	-0.0016	-0.0015	0.0001
NE+6.80	45	DER5	0.0018	0.0147	-0.0004	-0.0033	0.0001	-0.0001
NE+6.80	45	DER6	-0.0038	0.0146	-0.0004	-0.0033	-0.0006	-0.0001

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+3.45	25	DER13	0.0008	0.0045	-0.0002	-0.0012	0.0002	0.0000
NE+3.45	25	DER14	-0.0017	0.0045	-0.0002	-0.0012	-0.0005	0.0000
NE+3.45	25	DER15	-0.0014	-0.0045	-0.0002	0.0018	-0.0004	0.0000
NE+3.45	25	DER16	0.0012	-0.0045	-0.0002	0.0018	0.0003	0.0000
NE+3.45	26	DER1	0.0038	0.0012	-0.0002	-0.0001	0.0009	0.0000
NE+3.45	26	DER2	0.0040	-0.0014	-0.0002	0.0007	0.0009	0.0000
NE+3.45	26	DER3	-0.0046	-0.0012	-0.0001	0.0006	-0.0018	0.0000
NE+3.45	26	DER4	-0.0047	0.0014	-0.0001	-0.0002	-0.0018	0.0000
NE+3.45	26	DER5	0.0007	0.0043	-0.0001	-0.0012	-0.0001	0.0000
NE+3.45	26	DER6	-0.0019	0.0044	-0.0001	-0.0012	-0.0009	0.0000
NE+3.45	26	DER7	-0.0015	-0.0043	-0.0002	0.0016	-0.0008	0.0000
NE+3.45	26	DER8	0.0011	-0.0044	-0.0002	0.0017	0.0000	0.0000
NE+3.45	26	DER9	0.0040	0.0012	-0.0002	-0.0003	0.0010	0.0000
NE+3.45	26	DER10	0.0041	-0.0014	-0.0002	0.0006	0.0010	0.0000
NE+3.45	26	DER11	-0.0045	-0.0012	-0.0001	0.0005	-0.0017	0.0000
NE+3.45	26	DER12	-0.0046	0.0014	-0.0001	-0.0004	-0.0017	0.0000
NE+3.45	26	DER13	0.0008	0.0043	-0.0001	-0.0013	0.0000	0.0000
NE+3.45	26	DER14	-0.0017	0.0044	-0.0001	-0.0013	-0.0008	0.0000
NE+3.45	26	DER15	-0.0014	-0.0043	-0.0001	0.0015	-0.0007	0.0000
NE+3.45	26	DER16	0.0012	-0.0044	-0.0002	0.0015	0.0001	0.0000
NE+3.45	28	DER1	0.0039	0.0021	-0.0003	-0.0006	0.0017	0.0000
NE+3.45	28	DER2	0.0039	-0.0018	-0.0003	0.0005	0.0017	0.0000
NE+3.45	28	DER3	-0.0047	-0.0021	-0.0003	0.0006	-0.0014	0.0000
NE+3.45	28	DER4	-0.0047	0.0018	-0.0003	-0.0005	-0.0014	0.0000
NE+3.45	28	DER5	0.0009	0.0065	-0.0003	-0.0019	0.0006	0.0000
NE+3.45	28	DER6	-0.0017	0.0064	-0.0003	-0.0019	-0.0003	0.0000
NE+3.45	28	DER7	-0.0017	-0.0065	-0.0003	0.0019	-0.0003	0.0000
NE+3.45	28	DER8	0.0009	-0.0064	-0.0003	0.0018	0.0006	0.0000
NE+3.45	28	DER9	0.0041	0.0021	-0.0002	-0.0006	0.0019	0.0000
NE+3.45	28	DER10	0.0041	-0.0018	-0.0002	0.0005	0.0019	0.0000
NE+3.45	28	DER11	-0.0046	-0.0021	-0.0002	0.0006	-0.0012	0.0000
NE+3.45	28	DER12	-0.0046	0.0018	-0.0002	-0.0005	-0.0012	0.0000

NE+6.80	17	DER1	0.0079	0.0043	-0.0004	0.0003	0.0009	0.0001
NE+6.80	17	DER2	0.0081	-0.0040	-0.0004	0.0016	0.0010	0.0001
NE+6.80	17	DER3	-0.0107	-0.0044	-0.0004	0.0016	-0.0015	-0.0001
NE+6.80	17	DER4	-0.0109	0.0040	-0.0004	0.0003	-0.0015	-0.0001
NE+6.80	17	DER5	0.0011	0.0140	-0.0003	-0.0012	0.0001	-0.0001
NE+6.80	17	DER6	-0.0046	0.0139	-0.0003	-0.0012	-0.0007	-0.0001
NE+6.80	17	DER7	-0.0039	-0.0140	-0.0004	0.0031	-0.0006	0.0001
NE+6.80	17	DER8	0.0018	-0.0139	-0.0004	0.0031	0.0001	0.0002
NE+6.80	17	DER9	0.0082	0.0043	-0.0003	0.0004	0.0010	0.0001
NE+6.80	17	DER10	0.0084	-0.0040	-0.0003	0.0017	0.0010	0.0001
NE+6.80	17	DER11	-0.0104	-0.0044	-0.0003	0.0017	-0.0014	-0.0001
NE+6.80	17	DER12	-0.0106	0.0040	-0.0003	0.0005	-0.0015	-0.0001
NE+6.80	17	DER13	0.0014	0.0140	-0.0003	-0.0011	0.0001	-0.0001
NE+6.80	17	DER14	-0.0043	0.0139	-0.0003	-0.0011	-0.0006	-0.0001
NE+6.80	17	DER15	-0.0035	-0.0140	-0.0003	0.0032	-0.0006	0.0001
NE+6.80	17	DER16	0.0021	-0.0139	-0.0003	0.0032	0.0002	0.0001
NE+6.80	18	DER1	0.0079	0.0045	-0.0004	0.0001	0.0010	0.0001
NE+6.80	18	DER2	0.0081	-0.0042	-0.0004	0.0016	0.0010	0.0001
NE+6.80	18	DER3	-0.0106	-0.0045	-0.0004	0.0016	-0.0015	-0.0001
NE+6.80	18	DER4	-0.0108	0.0043	-0.0004	0.0001	-0.0015	-0.0001
NE+6.80	18	DER5	0.0011	0.0146	-0.0004	-0.0017	0.0001	-0.0001
NE+6.80	18	DER6	-0.0045	0.0145	-0.0004	-0.0016	-0.0007	-0.0001
NE+6.80	18	DER7	-0.0038	-0.0145	-0.0004	0.0033	-0.0006	0.0001
NE+6.80	18	DER8	0.0018	-0.0145	-0.0004	0.0033	0.0001	0.0001
NE+6.80	18	DER9	0.0082	0.0045	-0.0003	0.0002	0.0010	0.0001
NE+6.80	18	DER10	0.0084	-0.0042	-0.0003	0.0017	0.0010	0.0001
NE+6.80	18	DER11	-0.0103	-0.0045	-0.0003	0.0018	-0.0014	-0.0001
NE+6.80	18	DER12	-0.0105	0.0042	-0.0003	0.0003	-0.0014	-0.0001
NE+6.80	18	DER13	0.0014	0.0146	-0.0003	-0.0015	0.0001	-0.0001
NE+6.80	18	DER14	-0.0042	0.0145	-0.0003	-0.0015	-0.0006	-0.0001
NE+6.80	18	DER15	-0.0035	-0.0145	-0.0003	0.0035	-0.0005	0.0001
NE+6.80	18	DER16	0.0021	-0.0145	-0.0003	0.0035	0.0002	0.0001
NE+6.80	19	DER1	0.0079	0.0040	-0.0004	0.0003	0.0010	0.0001
NE+6.80	19	DER2	0.0081	-0.0039	-0.0004	0.0015	0.0010	0.0001
NE+6.80	19	DER3	-0.0106	-0.0041	-0.0004	0.0015	-0.0015	-0.0001
NE+6.80	19	DER4	-0.0108	0.0039	-0.0004	0.0003	-0.0015	-0.0001
NE+6.80	19	DER5	0.0011	0.0132	-0.0003	-0.0011	0.0001	-0.0001
NE+6.80	19	DER6	-0.0045	0.0132	-0.0003	-0.0011	-0.0007	-0.0001
NE+6.80	19	DER7	-0.0038	-0.0132	-0.0004	0.0030	-0.0006	0.0001
NE+6.80	19	DER8	0.0018	-0.0132	-0.0004	0.0030	0.0002	0.0001
NE+6.80	19	DER9	0.0082	0.0040	-0.0003	0.0005	0.0010	0.0001
NE+6.80	19	DER10	0.0084	-0.0039	-0.0003	0.0017	0.0010	0.0001
NE+6.80	19	DER11	-0.0103	-0.0041	-0.0003	0.0017	-0.0014	-0.0001
NE+6.80	19	DER12	-0.0105	0.0039	-0.0003	0.0005	-0.0014	-0.0001
NE+6.80	19	DER13	0.0014	0.0132	-0.0003	-0.0010	0.0001	-0.0001
NE+6.80	19	DER14	-0.0042	0.0132	-0.0003	-0.0010	-0.0006	-0.0001
NE+6.80	19	DER15	-0.0035	-0.0132	-0.0003	0.0031	-0.0005	0.0001
NE+6.80	19	DER16	0.0021	-0.0132	-0.0003	0.0031	0.0002	0.0001
NE+6.80	20	DER1	0.0079	0.0042	-0.0004	0.0001	0.0010	0.0001
NE+6.80	20	DER2	0.0081	-0.0041	-0.0004	0.0015	0.0010	0.0001
NE+6.80	20	DER3	-0.0105	-0.0041	-0.0004	0.0015	-0.0014	-0.0001
NE+6.80	20	DER4	-0.0107	0.0041	-0.0004	0.0001	-0.0015	-0.0001
NE+6.80	20	DER5	0.0011	0.0138	-0.0004	-0.0016	0.0001	-0.0001
NE+6.80	20	DER6	-0.0045	0.0138	-0.0004	-0.0016	-0.0006	-0.0001
NE+6.80	20	DER7	-0.0037	-0.0138	-0.0004	0.0032	-0.0006	0.0001
NE+6.80	20	DER8	0.0019	-0.0137	-0.0004	0.0032	0.0002	0.0001
NE+6.80	20	DER9	0.0082	0.0042	-0.0003	0.0003	0.0010	0.0001
NE+6.80	20	DER10	0.0084	-0.0041	-0.0003	0.0017	0.0010	0.0001
NE+6.80	20	DER11	-0.0102	-0.0042	-0.0003	0.0017	-0.0014	-0.0001
NE+6.80	20	DER12	-0.0105	0.0041	-0.0003	0.0003	-0.0014	-0.0001
NE+6.80	20	DER13	0.0014	0.0138	-0.0003	-0.0014	0.0001	-0.0001
NE+6.80	20	DER14	-0.0042	0.0138	-0.0003	-0.0014	-0.0006	-0.0001
NE+6.80	20	DER15	-0.0035	-0.0138	-0.0003	0.0034	-0.0005	0.0001
NE+6.80	20	DER16	0.0022	-0.0137	-0.0003	0.0034	0.0002	0.0001
NE+6.80	21	DER1	0.0079	0.0037	-0.0004	0.0003	0.0010	0.0001
NE+6.80	21	DER2	0.0081	-0.0038	-0.0004	0.0015	0.0010	0.0001
NE+6.80	21	DER3	-0.0105	-0.0037	-0.0004	0.0015	-0.0014	-0.0001
NE+6.80	21	DER4	-0.0107	0.0037	-0.0004	0.0003	-0.0015	-0.0001
NE+6.80	21	DER5	0.0011	0.0124	-0.0003	-0.0010	0.0001	-0.0001
NE+6.80	21	DER6	-0.0044	0.0124	-0.0003	-0.0010	-0.0006	-0.0001
NE+6.80	21	DER7	-0.0037	-0.0125	-0.0004	0.0029	-0.0006	0.0001
NE+6.80	21	DER8	0.0019	-0.0125	-0.0004	0.0029	0.0002	0.0001
NE+6.80	21	DER9	0.0082	0.0037	-0.0003	0.0005	0.0010	0.0001
NE+6.80	21	DER10	0.0084	-0.0038	-0.0003	0.0017	0.0010	0.0001
NE+6.80	21	DER11	-0.0102	-0.0037	-0.0003	0.0017	-0.0014	-0.0001
NE+6.80	21	DER12	-0.0104	0.0037	-0.0003	0.0005	-0.0014	-0.0001
NE+6.80	21	DER13	0.0014	0.0124	-0.0003	-0.0009	0.0001	-0.0001
NE+6.80	21	DER14	-0.0041	0.0124	-0.0003	-0.0009	-0.0006	-0.0001
NE+6.80	21	DER15	-0.0034	-0.0125	-0.0003	0.0030	-0.0005	0.0001
NE+6.80	21	DER16	0.0022	-0.0125	-0.0003	0.0030	0.0002	0.0001
NE+6.80	22	DER1	0.0079	0.0038	-0.0004	0.0002	0.0009	0.0001
NE+6.80	22	DER2	0.0081	-0.0039	-0.0004	0.0015	0.0010	0.0002
NE+6.80	22	DER3	-0.0105	-0.0038	-0.0004	0.0015	-0.0014	-0.0001
NE+6.80	22	DER4	-0.0107	0.0039	-0.0004	0.0002	-0.0014	-0.0001
NE+6.80	22	DER5	0.0011	0.0128	-0.0004	-0.0014	0.0001	-0.0001
NE+6.80	22	DER6	-0.0044	0.0128	-0.0004	-0.0014	-0.0006	-0.0002
NE+6.80	22	DER7	-0.0037	-0.0127	-0.0004	0.0031	-0.0006	0.0001
NE+6.80	22	DER8	0.0019	-0.0128	-0.0004	0.0031	0.0002	0.0002
NE+6.80	22	DER9	0.0082	0.0038	-0.0003	0.0004	0.0010	0.0001
NE+6.80	22	DER10	0.0084	-0.0039	-0.0003	0.0017	0.0010	0.0002
NE+6.80	22	DER11	-0.0102	-0.0038	-0.0003	0.0017	-0.0014	-0.0001
NE+6.80	22	DER12	-0.0104	0.0039	-0.0003	0.0003	-0.0014	-0.0001
NE+6.80	22	DER13	0.0014	0.0128	-0.0003	-0.0012	0.0001	-0.0001
NE+6.80	22	DER14	-0.0041	0.0128	-0.0003	-0.0012	-0.0006	-0.0002
NE+6.80	22	DER15	-0.0034	-0.0128	-0.0003	0.0032	-0.0005	0.0001
NE+6.80	22	DER16	0.0022	-0.0128	-0.0003	0.0032	0.0002	0.0002
NE+6.80	23	DER1	0.0079	0.0031	-0.0003	0.0003	0.0009	0.0001
NE+6.80	23	DER2	0.0081	-0.0034	-0.0003	0.0013	0.0009	0.0002
NE+6.80	23	DER3	-0.0104	-0.0032	-0.0003	0.0013	-0.0014	0.0000
NE+6.80	23	DER4	-0.0107	0.0034	-0.0003	0.0003	-0.0014	-0.0002
NE+6.80	23	DER5	0.0011	0.0109	-0.0003	-0.0008	0.0001	-0.0002
NE+6.80	23	DER6	-0.0044	0.0109	-0.0003	-0.0008	-0.0006	-0.0002
NE+6.80	23	DER7	-0.0037	-0.0109	-0.0004	0.0024	-0.0005	0.0002
NE+6.80	23	DER8	0.0019	-0.0110	-0.0003	0.0024	0.0002	0.0002
NE+6.80	23	DER9	0.0082	0.0031	-0.0002	0.0005	0.0010	0.0001
NE+6.80	23	DER10	0.0084	-0.0034	-0.0003	0.0014	0.0010	0.0002
NE+6.80	23	DER11	-0.0102	-0.0032	-0.0003	0.0014	-0.0013	0.0000
NE+6.80	23	DER12	-0.0104	0.0034	-0.0003	0.0004	-0.0014	-0.0002
NE+6.80	23	DER13	0.0014	0.0109	-0.0002	-0.0007	0.0001	-0.0002
NE+6.80	23	DER14	-0.0041	0.0109	-0.0002	-0.0007	-0.0006	-0.0002
NE+6.80	23	DER15	-0.0034	-0.0109	-0.0003	0.0026	-0.0005	0.0002
NE+6.80	23	DER16	0.0022	-0.0110	-0.0003	0.0026	0.0002	0.0002
NE+6.80	24	DER1	0.0079	0.0029	-0.0003	0.0003	0.0009	0.0001
NE+6.80	24	DER2	0.0081	-0.0032	-0.0003	0.0012	0.0009	0.0001
NE+6.80	24	DER3	-0.0104	-0.0030	-0.0003	0.0011	-0.0014	-0.0001
NE+6.80	24	DER4	-0.0106	0.0032	-0.0003	0.0003	-0.0014	-0.0001
NE+6.80	24	DER5	0.0011	0.0101	-0.0003	-0.0007	0.0001	-0.0001
NE+6.80	24	DER6	-0.0044	0.0102	-0.0003	-0.0007	-0.0006	-0.0002
NE+6.80	24	DER7	-0.0037	-0.0102	-0.0003	0.0021	-0.0005	0.0001
NE+6.80	24	DER8	0.0019	-0.0103	-0.0003	0.0022	0.0001	0.0002

NE+6.80	45	DER7	-0.0046	-0.0144	-0.0004	0.0016	-0.0007	0.0001
NE+6.80	45	DER8	0.0011	-0.0144	-0.0004	0.0016	0.0001	0.0001
NE+6.80	45	DER9	0.0085	0.0046	-0.0003	-0.0018	0.0010	-0.0002
NE+6.80	45	DER10	0.0083	-0.0041	-0.0003	-0.0003	0.0010	-0.0001
NE+6.80	45	DER11	-0.0106	-0.0044	-0.0003	-0.0003	-0.0014	0.0001
NE+6.80	45	DER12	-0.0104	0.0043	-0.0003	-0.0017	-0.0014	0.0001
NE+6.80	45	DER13	0.0021	0.0146	-0.0003	-0.0035	0.0002	-0.0001
NE+6.80	45	DER14	-0.0035	0.0146	-0.0003	-0.0035	-0.0005	-0.0001
NE+6.80	45	DER15	-0.0043	-0.0145	-0.0003	0.0015	-0.0006	0.0001
NE+6.80	45	DER16	0.0014	-0.0144	-0.0003	0.0015	0.0001	0.0001
NE+6.80	46	DER1	0.0082	0.0042	-0.0004	-0.0016	0.0010	-0.0002
NE+6.80	46	DER2	0.0080	-0.0037	-0.0004	-0.0003	0.0010	-0.0001
NE+6.80	46	DER3	-0.0109	-0.0039	-0.0004	-0.0003	-0.0015	0.0001
NE+6.80	46	DER4	-0.0107	0.0040	-0.0004	-0.0016	-0.0015	0.0001
NE+6.80	46	DER5	0.0019	0.0134	-0.0004	-0.0030	0.0002	-0.0001
NE+6.80	46	DER6	-0.0038	0.0133	-0.0004	-0.0030	-0.0006	-0.0001
NE+6.80	46	DER7	-0.0045	-0.0131	-0.0003	0.0011	-0.0007	0.0001
NE+6.80	46	DER8	0.0011	-0.0130	-0.0003	0.0011	0.0001	0.0001
NE+6.80	46	DER9	0.0085	0.0041	-0.0003	-0.0017	0.0010	-0.0002
NE+6.80	46	DER10	0.0083	-0.0038	-0.0003	-0.0005	0.0010	-0.0001
NE+6.80	46	DER11	-0.0106	-0.0039	-0.0003	-0.0005	-0.0014	0.0001
NE+6.80	46	DER12	-0.0104	0.0040	-0.0003	-0.0017	-0.0014	0.0001
NE+6.80	46	DER13	0.0022	0.0133	-0.0003	-0.0031	0.0002	-0.0001
NE+6.80	46	DER14	-0.0035	0.0133	-0.0003	-0.0031	-0.0005	-0.0001
NE+6.80	46	DER15	-0.0042	-0.0131	-0.0003	0.0010	-0.0006	0.0001
NE+6.80	46	DER16	0.0014	-0.0131	-0.0003	0.0010	0.0001	0.0001
NE+6.80	47	DER1	0.0082	0.0043	-0.0004	-0.0016	0.0010	-0.0002
NE+6.80	47	DER2	0.0080	-0.0040	-0.0004	-0.0001	0.0010	-0.0001
NE+6.80	47	DER3	-0.0108	-0.0040	-0.0004	-0.0001	-0.0015	0.0001
NE+6.80	47	DER4	-0.0106	0.0042	-0.0004	-0.0015	-0.0014	0.0001
NE+6.80	47	DER5	0.0019	0.0139	-0.0004	-0.0032	0.0002	-0.0001
NE+6.80	47	DER6	-0.0038	0.0139	-0.0004	-0.0032	-0.0006	-0.0001
NE+6.80	47	DER7	-0.0045	-0.0137	-0.0004	0.0016	-0.0006	0.0001
NE+6.80	47	DER8	0.0012	-0.0136	-0.0004	0.0016	0.0001	0.0001
NE+6.80	47	DER9	0.0085	0.0042	-0.0003	-0.0017	0.0010	-0.0002
NE+6.80	47	DER10	0.0083	-0.0040	-0.0003	-0.0003	0.0010	-0.0001
NE+6.80	47	DER11	-0.0105	-0.0041	-0.0003	-0.0003	-0.0014	0.0001
NE+6.80	47	DER12	-0.0103	0.0042	-0.0003	-0.0017	-0.0014	0.0001
NE+6.80	47	DER13	0.0022	0.0139	-0.0003	-0.0034	0.0002	-0.0001
NE+6.80	47	DER14	-0.0035	0.0138	-0.0003	-0.0034	-0.0005	-0.0001
NE+6.80	47	DER15	-0.0042	-0.0137	-0.0003	0.0014	-0.0006	0.0001
NE+6.80	47	DER16	0.0015	-0.0137	-0.0003	0.0014	0.0001	0.0001
NE+6.80	48	DER1	0.0082	0.0038	-0.0004	-0.0015	0.0010	-0.0002
NE+6.80	48	DER2	0.0080	-0.0036	-0.0004	-0.0004	0.0010	-0.0001
NE+6.80	48	DER3	-0.0108	-0.0036	-0.0004	-0.0004	-0.0015	0.0002
NE+6.80	48	DER4	-0.0106	0.0039	-0.0004	-0.0015	-0.0014	0.0001
NE+6.80	48	DER5	0.0019	0.0126	-0.0004	-0.0029	0.0002	-0.0002
NE+6.80	48	DER6	-0.0037	0.0126	-0.0004	-0.0029	-0.0006	-0.0001
NE+6.80	48	DER7	-0.0045	-0.0123	-0.0003	0.0010	-0.0006	0.0001
NE+6.80	48	DER8	0.0012	-0.0123	-0.0003	0.0010	0.0001	0.0001
NE+6.80	48	DER9	0.0085	0.0038	-0.0003	-0.0017	0.0010	-0.0002
NE+6.80	48	DER10	0.0083	-0.0036	-0.0003	-0.0005	0.0010	-0.0001
NE+6.80	48	DER11	-0.0105	-0.0036	-0.0003	-0.0005	-0.0014	0.0002
NE+6.80	48	DER12	-0.0103	0.0039	-0.0003	-0.0017	-0.0014	0.0001
NE+6.80	48	DER13	0.0022	0.0125	-0.0003	-0.0031	0.0002	-0.0001
NE+6.80	48	DER14	-0.0035	0.0126	-0.0003	-0.0031	-0.0005	-0.0001
NE+6.80	48	DER15	-0.0042	-0.0123	-0.0003	0.0009	-0.0006	0.0001
NE+6.80	48	DER16	0.0015	-0.0123	-0.0003	0.0009	0.0001	0.0001
NE+6.80	49	DER1	0.0082	0.0039	-0.0004	-0.0015	0.0010	-0.0002
NE+6.80	49	DER2	0.0080	-0.0038	-0.0004	-0.0002	0.0009	-0.0001
NE+6.80	49	DER3	-0.0108	-0.0037	-0.0004	-0.0002	-0.0015	0.0002
NE+6.80	49	DER4	-0.0106	0.0040	-0.0004	-0.0015	-0.0014	0.0001
NE+6.80	49	DER5	0.0019	0.0129	-0.0004	-0.0031	0.0002	-0.0002
NE+6.80	49	DER6	-0.0037	0.0129	-0.0004	-0.0031	-0.0006	-0.0001
NE+6.80	49	DER7	-0.0045	-0.0127	-0.0004	0.0014	-0.0006	0.0002
NE+6.80	49	DER8	0.0012	-0.0127	-0.0004	0.0014	0.0001	0.0001
NE+6.80	49	DER9	0.0085	0.0039	-0.0003	-0.0017	0.0010	-0.0002
NE+6.80	49	DER10	0.0083	-0.0038	-0.0003	-0.0004	0.0010	-0.0001
NE+6.80	49	DER11	-0.0105	-0.0037	-0.0003	-0.0004	-0.0014	0.0002
NE+6.80	49	DER12	-0.0103	0.0040	-0.0003	-0.0017	-0.0014	0.0001
NE+6.80	49	DER13	0.0022	0.0128	-0.0003	-0.0033	0.0002	-0.0002
NE+6.80	49	DER14	-0.0034	0.0129	-0.0003	-0.0033	-0.0005	-0.0001
NE+6.80	49	DER15	-0.0042	-0.0127	-0.0003	0.0012	-0.0006	0.0002
NE+6.80	49	DER16	0.0015	-0.0127	-0.0003	0.0012	0.0001	0.0001
NE+6.80	50	DER1	0.0082	0.0033	-0.0003	-0.0013	0.0010	-0.0002
NE+6.80	50	DER2	0.0080	-0.0033	-0.0003	-0.0003	0.0009	-0.0001
NE+6.80	50	DER3	-0.0107	-0.0031	-0.0003	-0.0003	-0.0014	0.0002
NE+6.80	50	DER4	-0.0105	0.0035	-0.0003	-0.0013	-0.0014	0.0001
NE+6.80	50	DER5	0.0019	0.0110	-0.0003	-0.0024	0.0002	-0.0002
NE+6.80	50	DER6	-0.0037	0.0111	-0.0004	-0.0024	-0.0005	-0.0002
NE+6.80	50	DER7	-0.0044	-0.0108	-0.0003	0.0008	-0.0006	0.0002
NE+6.80	50	DER8	0.0012	-0.0109	-0.0003	0.0008	0.0001	0.0002
NE+6.80	50	DER9	0.0085	0.0033	-0.0003	-0.0014	0.0010	-0.0002
NE+6.80	50	DER10	0.0083	-0.0033	-0.0002	-0.0004	0.0010	-0.0001
NE+6.80	50	DER11	-0.0104	-0.0031	-0.0003	-0.0005	-0.0014	0.0002
NE+6.80	50	DER12	-0.0102	0.0035	-0.0003	-0.0014	-0.0013	0.0001
NE+6.80	50	DER13	0.0022	0.0110	-0.0003	-0.0026	0.0002	-0.0002
NE+6.80	50	DER14	-0.0034	0.0111	-0.0003	-0.0026	-0.0005	-0.0002
NE+6.80	50	DER15	-0.0041	-0.0108	-0.0002	0.0007	-0.0006	0.0002
NE+6.80	50	DER16	0.0015	-0.0109	-0.0002	0.0007	0.0001	0.0002
NE+6.80	51	DER1	0.0082	0.0030	-0.0003	-0.0011	0.0009	-0.0002
NE+6.80	51	DER2	0.0080	-0.0031	-0.0003	-0.0003	0.0009	-0.0001
NE+6.80	51	DER3	-0.0107	-0.0028	-0.0003	-0.0003	-0.0014	0.0002
NE+6.80	51	DER4	-0.0105	0.0033	-0.0003	-0.0012	-0.0014	0.0001
NE+6.80	51	DER5	0.0019	0.0103	-0.0003	-0.0022	0.0001	-0.0002
NE+6.80	51	DER6	-0.0037	0.0103	-0.0003	-0.0022	-0.0005	-0.0001
NE+6.80	51	DER7	-0.0044	-0.0101	-0.0003	0.0007	-0.0006	0.0002
NE+6.80	51	DER8	0.0012	-0.0102	-0.0003	0.0007	0.0001	0.0001
NE+6.80	51	DER9	0.0085	0.0030	-0.0002	-0.0013	0.0009	-0.0002
NE+6.80	51	DER10	0.0083	-0.0031	-0.0002	-0.0004	0.0009	-0.0001
NE+6.80	51	DER11	-0.0104	-0.0029	-0.0002	-0.0004	-0.0013	0.0002
NE+6.80	51	DER12	-0.0102	0.0033	-0.0002	-0.0013	-0.0013	0.0001
NE+6.80	51	DER13	0.0022	0.0102	-0.0003	-0.0023	0.0002	-0.0002
NE+6.80	51	DER14	-0.0034	0.0103	-0.0003	-0.0023	-0.0005	-0.0001
NE+6.80	51	DER15	-0.0041	-0.0101	-0.0002	0.0006	-0.0006	0.0002
NE+6.80	51	DER16	0.0015	-0.0102	-0.0002	0.0006	0.0001	0.0001
NE+6.80	52	DER1	0.0082	0.0028	-0.0003	-0.0011	0.0009	-0.0002
NE+6.80	52	DER2	0.0080	-0.0030	-0.0003	-0.0002	0.0009	-0.0001
NE+6.80	52	DER3	-0.0107	-0.0027	-0.0003	-0.0003	-0.0014	0.0001
NE+6.80	52	DER4	-0.0105	0.0032	-0.0003	-0.0011	-0.0014	0.0001
NE+6.80	52	DER5	0.0019	0.0098	-0.0003	-0.0020	0.0001	-0.0002
NE+6.80	52	DER6	-0.0037	0.0099	-0.0003	-0.0020	-0.0005	-0.0001
NE+6.80	52	DER7	-0.0044	-0.0096	-0.0003	0.0007	-0.0006	0.0001
NE+6.80	52	DER8	0.0012	-0.0097	-0.0003	0.0007	0.0001	0.0001
NE+6.80	52	DER9	0.0085	0.0028	-0.0002	-0.0012	0.0010	-0.0002
NE+6.80	52	DER10	0.0083	-0.0030	-0.0002	-0.0004	0.0009	-0.0001
NE+6.80	52	DER11	-0.0104	-0.0027	-0.0002	-0.0004	-0.0013	0.0001
NE+6.80	52	DER12	-0.0102	0.0032	-0.0002	-0.0012	-0.0013	0.0001
NE+6.80	52	DER13	0.0022	0.0098	-0.0003	-0.0021	0.0002	-0.0002
NE+6.80	52	DER14	-0.0034	0.0099	-0.0003	-0.0022	-0.0005	-0.0001

NE+3.45	28	DER13	0.0010	0.0065	-0.0002	-0.0019	0.0008	0.0000
NE+3.45	28	DER14	-0.0016	0.0064	-0.0002	-0.0019	-0.0001	0.0000
NE+3.45	28	DER15	-0.0016	-0.0065	-0.0002	0.0019	-0.0001	0.0000
NE+3.45	28	DER16	0.0010	-0.0064	-0.0002	0.0018	0.0008	0.0000
NE+3.45	30	DER1	0.0039	0.0019	-0.0003	-0.0005	0.0012	0.0000
NE+3.45	30	DER2	0.0039	-0.0017	-0.0003	0.0005	0.0012	0.0000
NE+3.45	30	DER3	-0.0047	-0.0019	-0.0003	0.0005	-0.0016	0.0000
NE+3.45	30	DER4	-0.0047	0.0017	-0.0003	-0.0005	-0.0016	0.0000
NE+3.45	30	DER5	0.0009	0.0061	-0.0003	-0.0017	0.0002	0.0000
NE+3.45	30	DER6	-0.0017	0.0060	-0.0003	-0.0017	-0.0006	0.0000
NE+3.45	30	DER7	-0.0017	-0.0060	-0.0003	0.0017	-0.0006	0.0000
NE+3.45	30	DER8	0.0009	-0.0060	-0.0003	0.0017	0.0002	0.0000
NE+3.45	30	DER9	0.0041	0.0019	-0.0002	-0.0005	0.0013	0.0000
NE+3.45	30	DER10	0.0041	-0.0017	-0.0002	0.0005	0.0013	0.0000
NE+3.45	30	DER11	-0.0046	-0.0019	-0.0002	0.0005	-0.0016	0.0000
NE+3.45	30	DER12	-0.0046	0.0017	-0.0002	-0.0005	-0.0016	0.0000
NE+3.45	30	DER13	0.0010	0.0061	-0.0002	-0.0017	0.0003	0.0000
NE+3.45	30	DER14	-0.0016	0.0060	-0.0002	-0.0017	-0.0006	0.0000
NE+3.45	30	DER15	-0.0016	-0.0061	-0.0002	0.0017	-0.0006	0.0000
NE+3.45	30	DER16	0.0010	-0.0060	-0.0002	0.0017	0.0003	0.0000
NE+3.45	32	DER1	0.0039	0.0018	-0.0003	-0.0005	0.0012	0.0000
NE+3.45	32	DER2	0.0039	-0.0016	-0.0003	0.0005	0.0012	0.0000
NE+3.45	32	DER3	-0.0047	-0.0017	-0.0003	0.0005	-0.0016	0.0000
NE+3.45	32	DER4	-0.0047	0.0017	-0.0003	-0.0005	-0.0016	0.0000
NE+3.45	32	DER5	0.0009	0.0057	-0.0003	-0.0016	0.0002	0.0000
NE+3.45	32	DER6	-0.0017	0.0056	-0.0003	-0.0016	-0.0006	0.0000
NE+3.45	32	DER7	-0.0017	-0.0056	-0.0003	0.0016	-0.0006	0.0000
NE+3.45	32	DER8	0.0009	-0.0056	-0.0003	0.0016	0.0002	0.0000
NE+3.45	32	DER9	0.0041	0.0017	-0.0002	-0.0005	0.0013	0.0000
NE+3.45	32	DER10	0.0041	-0.0016	-0.0002	0.0005	0.0013	0.0000
NE+3.45	32	DER11	-0.0046	-0.0017	-0.0002	0.0005	-0.0015	0.0000
NE+3.45	32	DER12	-0.0046	0.0017	-0.0002	-0.0005	-0.0015	0.0000
NE+3.45	32	DER13	0.0010	0.0057	-0.0002	-0.0016	0.0003	0.0000
NE+3.45	32	DER14	-0.0016	0.0056	-0.0002	-0.0016	-0.0006	0.0000
NE+3.45	32	DER15	-0.0016	-0.0056	-0.0002	0.0016	-0.0006	0.0000
NE+3.45	32	DER16	0.0010	-0.0056	-0.0002	0.0016	0.0003	0.0000
NE+3.45	34	DER1	0.0039	0.0016	-0.0003	-0.0005	0.0012	0.0000
NE+3.45	34	DER2	0.0039	-0.0016	-0.0003	0.0004	0.0012	0.0000
NE+3.45	34	DER3	-0.0047	-0.0015	-0.0003	0.0004	-0.0016	0.0000
NE+3.45	34	DER4	-0.0047	0.0016	-0.0003	-0.0005	-0.0016	0.0000
NE+3.45	34	DER5	0.0009	0.0052	-0.0003	-0.0015	0.0002	0.0000
NE+3.45	34	DER6	-0.0017	0.0052	-0.0003	-0.0015	-0.0006	0.0000
NE+3.45	34	DER7	-0.0017	-0.0052	-0.0003	0.0015	-0.0006	0.0000
NE+3.45	34	DER8	0.0009	-0.0052	-0.0003	0.0015	0.0002	0.0000
NE+3.45	34	DER9	0.0041	0.0016	-0.0002	-0.0005	0.0013	0.0000
NE+3.45	34	DER10	0.0041	-0.0016	-0.0002	0.0004	0.0013	0.0000
NE+3.45	34	DER11	-0.0046	-0.0015	-0.0002	0.0004	-0.0015	0.0000
NE+3.45	34	DER12	-0.0046	0.0016	-0.0002	-0.0005	-0.0015	0.0000
NE+3.45	34	DER13	0.0010	0.0052	-0.0002	-0.0015	0.0003	0.0000
NE+3.45	34	DER14	-0.0016	0.0052	-0.0002	-0.0015	-0.0005	0.0000
NE+3.45	34	DER15	-0.0016	-0.0052	-0.0002	0.0015	-0.0005	0.0000
NE+3.45	34	DER16	0.0010	-0.0052	-0.0002	0.0015	0.0003	0.0000
NE+3.45	36	DER1	0.0039	0.0014	-0.0002	-0.0004	0.0003	0.0000
NE+3.45	36	DER2	0.0039	-0.0015	-0.0002	0.0004	0.0003	0.0000
NE+3.45	36	DER3	-0.0047	-0.0014	-0.0002	0.0004	-0.0021	0.0000
NE+3.45	36	DER4	-0.0047	0.0015	-0.0002	-0.0004	-0.0021	0.0000
NE+3.45	36	DER5	0.0009	0.0048	-0.0002	-0.0013	-0.0005	0.0000
NE+3.45	36	DER6	-0.0017	0.0048	-0.0002	-0.0014	-0.0012	0.0000
NE+3.45	36	DER7	-0.0017	-0.0048	-0.0002	0.0013	-0.0012	0.0000
NE+3.45	36	DER8	0.0009	-0.0048	-0.0002	0.0013	-0.0005	0.0000
NE+3.45	36	DER9	0.0041	0.0014	-0.0002	-0.0004	0.0005	0.0000
NE+3.45	36	DER10	0.0041	-0.0015	-0.0002	0.0004	0.0005	0.0000
NE+3.45	36	DER11	-0.0046	-0.0014	-0.0002	0.0004	-0.0019	0.0000
NE+3.45	36	DER12	-0.0046	0.0015	-0.0002	-0.0004	-0.0019	0.0000
NE+3.45	36	DER13	0.0010	0.0048	-0.0002	-0.0013	-0.0003	0.0000
NE+3.45	36	DER14	-0.0016	0.0048	-0.0002	-0.0014	-0.0011	0.0000
NE+3.45	36	DER15	-0.0016	-0.0048	-0.0002	0.0013	-0.0010	0.0000
NE+3.45	36	DER16	0.0010	-0.0048	-0.0002	0.0013	-0.0003	0.0000
NE+3.45	37	DER1	0.0039	0.0013	-0.0002	-0.0004	0.0010	0.0000
NE+3.45	37	DER2	0.0039	-0.0015	-0.0002	0.0004	0.0010	0.0000
NE+3.45	37	DER3	-0.0047	-0.0013	-0.0002	0.0004	-0.0011	0.0000
NE+3.45	37	DER4	-0.0047	0.0015	-0.0002	-0.0004	-0.0011	0.0000
NE+3.45	37	DER5	0.0009	0.0046	-0.0002	-0.0013	0.0003	0.0000
NE+3.45	37	DER6	-0.0017	0.0047	-0.0002	-0.0013	-0.0004	0.0000
NE+3.45	37	DER7	-0.0017	-0.0046	-0.0002	0.0013	-0.0004	0.0000
NE+3.45	37	DER8	0.0009	-0.0047	-0.0002	0.0013	0.0003	0.0000
NE+3.45	37	DER9	0.0041	0.0013	-0.0001	-0.0004	0.0010	0.0000
NE+3.45	37	DER10	0.0041	-0.0015	-0.0001	0.0004	0.0010	0.0000
NE+3.45	37	DER11	-0.0046	-0.0013	-0.0001	0.0004	-0.0011	0.0000
NE+3.45	37	DER12	-0.0046	0.0015	-0.0001	-0.0004	-0.0011	0.0000
NE+3.45	37	DER13	0.0010	0.0046	-0.0001	-0.0013	0.0003	0.0000
NE+3.45	37	DER14	-0.0016	0.0047	-0.0001	-0.0013	-0.0004	0.0000
NE+3.45	37	DER15	-0.0016	-0.0046	-0.0001	0.0013	-0.0004	0.0000
NE+3.45	37	DER16	0.0010	-0.0047	-0.0001	0.0013	0.0003	0.0000
NE+3.45	38	DER1	0.0039	0.0013	-0.0002	-0.0003	0.0009	0.0000
NE+3.45	38	DER2	0.0039	-0.0014	-0.0002	0.0004	0.0009	0.0000
NE+3.45	38	DER3	-0.0047	-0.0012	-0.0002	0.0003	-0.0012	0.0000
NE+3.45	38	DER4	-0.0047	0.0015	-0.0002	-0.0004	-0.0012	0.0000
NE+3.45	38	DER5	0.0009	0.0045	-0.0002	-0.0012	0.0002	0.0000
NE+3.45	38	DER6	-0.0017	0.0045	-0.0002	-0.0012	-0.0005	0.0000
NE+3.45	38	DER7	-0.0017	-0.0045	-0.0002	0.0012	-0.0005	0.0000
NE+3.45	38	DER8	0.0009	-0.0045	-0.0002	0.0012	0.0002	0.0000
NE+3.45	38	DER9	0.0041	0.0013	-0.0001	-0.0003	0.0010	0.0000
NE+3.45	38	DER10	0.0041	-0.0014	-0.0001	0.0004	0.0010	0.0000
NE+3.45	38	DER11	-0.0046	-0.0012	-0.0001	0.0003	-0.0012	0.0000
NE+3.45	38	DER12	-0.0046	0.0015	-0.0001	-0.0004	-0.0012	0.0000
NE+3.45	38	DER13	0.0010	0.0045	-0.0001	-0.0012	0.0002	0.0000
NE+3.45	38	DER14	-0.0016	0.0045	-0.0001	-0.0012	-0.0004	0.0000
NE+3.45	38	DER15	-0.0016	-0.0045	-0.0001	0.0012	-0.0004	0.0000
NE+3.45	38	DER16	0.0010	-0.0045	-0.0001	0.0012	0.0002	0.0000
NE+3.45	39	DER1	0.0039	0.0012	-0.0002	-0.0003	0.0008	0.0000
NE+3.45	39	DER2	0.0039	-0.0014	-0.0002	0.0004	0.0008	0.0000
NE+3.45	39	DER3	-0.0047	-0.0012	-0.0001	0.0003	-0.0018	0.0000
NE+3.45	39	DER4	-0.0047	0.0014	-0.0001	-0.0004	-0.0018	0.0000
NE+3.45	39	DER5	0.0009	0.0043	-0.0001	-0.0012	-0.0001	0.0000
NE+3.45	39	DER6	-0.0017	0.0044	-0.0001	-0.0012	-0.0009	0.0000
NE+3.45	39	DER7	-0.0017	-0.0043	-0.0001	0.0011	-0.0009	0.0000
NE+3.45	39	DER8	0.0009	-0.0044	-0.0001	0.0012	-0.0001	0.0000
NE+3.45	39	DER9	0.0041	0.0012	-0.0001	-0.0003	0.0010	0.0000
NE+3.45	39	DER10	0.0041	-0.0014	-0.0001	0.0004	0.0010	0.0000
NE+3.45	39	DER11	-0.0046	-0.0012	-0.0001	0.0003	-0.0017	0.0000
NE+3.45	39	DER12	-0.0046	0.0014	-0.0001	-0.0004	-0.0017	0.0000
NE+3.45	39	DER13	0.0010	0.0043	-0.0001	-0.0012	0.0000	0.0000
NE+3.45	39	DER14	-0.0016	0.0044	-0.0001	-0.0012	-0.0008	0.0000
NE+3.45	39	DER15	-0.0016	-0.0043	-0.0001	0.0011	-0.0008	0.0000
NE+3.45	39	DER16	0.0010	-0.0044	-0.0001	0.0012	0.0000	0.0000
NE+3.45	42	DER1	0.0040	0.0021	-0.0003	-0.0014	0.0010	0.0000
NE+3.45	42	DER2	0.0039	-0.0018	-0.0003	-0.0001	0.0010	0.0000
NE+3.45	42	DER3	-0.0048	-0.0021	-0.0003	0.0000	-0.0019	0.0000
NE+3.45	42	DER4	-0.0047	0.0018	-0.0004	-0.0014	-0.0019	0.0000

NE+6.80	24	DER9	0.0082	0.0029	-0.0002	0.0004	0.0009	0.0001
NE+6.80	24	DER10	0.0084	-0.0032	-0.0002	0.0013	0.0009	0.0001
NE+6.80	24	DER11	-0.0101	-0.0030	-0.0002	0.0013	-0.0013	-0.0001
NE+6.80	24	DER12	-0.0103	0.0032	-0.0002	0.0004	-0.0013	-0.0001
NE+6.80	24	DER13	0.0014	0.0101	-0.0002	-0.0006	0.0001	-0.0001
NE+6.80	24	DER14	-0.0041	0.0102	-0.0002	-0.0006	-0.0006	-0.0002
NE+6.80	24	DER15	-0.0034	-0.0102	-0.0003	0.0023	-0.0005	0.0001
NE+6.80	24	DER16	0.0022	-0.0103	-0.0003	0.0023	0.0002	0.0002
NE+6.80	25	DER1	0.0079	0.0027	-0.0003	0.0003	0.0009	0.0001
NE+6.80	25	DER2	0.0081	-0.0031	-0.0003	0.0011	0.0009	0.0001
NE+6.80	25	DER3	-0.0104	-0.0028	-0.0003	0.0011	-0.0013	-0.0001
NE+6.80	25	DER4	-0.0106	0.0031	-0.0003	0.0002	-0.0014	-0.0001
NE+6.80	25	DER5	0.0011	0.0097	-0.0003	-0.0007	0.0001	-0.0001
NE+6.80	25	DER6	-0.0044	0.0098	-0.0003	-0.0007	-0.0006	-0.0001
NE+6.80	25	DER7	-0.0037	-0.0097	-0.0003	0.0020	-0.0005	0.0001
NE+6.80	25	DER8	0.0019	-0.0098	-0.0003	0.0020	0.0001	0.0001
NE+6.80	25	DER9	0.0082	0.0027	-0.0002	0.0004	0.0009	0.0001
NE+6.80	25	DER10	0.0084	-0.0031	-0.0002	0.0012	0.0010	0.0001
NE+6.80	25	DER11	-0.0101	-0.0028	-0.0002	0.0012	-0.0013	-0.0001
NE+6.80	25	DER12	-0.0103	0.0031	-0.0002	0.0004	-0.0013	-0.0001
NE+6.80	25	DER13	0.0014	0.0097	-0.0002	-0.0006	0.0001	-0.0001
NE+6.80	25	DER14	-0.0041	0.0098	-0.0002	-0.0006	-0.0006	-0.0001
NE+6.80	25	DER15	-0.0034	-0.0097	-0.0003	0.0021	-0.0005	0.0001
NE+6.80	25	DER16	0.0021	-0.0098	-0.0003	0.0021	0.0002	0.0001
NE+6.80	26	DER1	0.0079	0.0026	-0.0002	0.0000	0.0010	0.0001
NE+6.80	26	DER2	0.0081	-0.0030	-0.0002	0.0008	0.0010	0.0002
NE+6.80	26	DER3	-0.0104	-0.0026	-0.0002	0.0008	-0.0015	-0.0001
NE+6.80	26	DER4	-0.0107	0.0030	-0.0002	0.0000	-0.0015	-0.0002
NE+6.80	26	DER5	0.0011	0.0093	-0.0002	-0.0009	0.0001	-0.0001
NE+6.80	26	DER6	-0.0044	0.0094	-0.0002	-0.0009	-0.0007	-0.0001
NE+6.80	26	DER7	-0.0037	-0.0093	-0.0002	0.0017	-0.0006	0.0001
NE+6.80	26	DER8	0.0018	-0.0094	-0.0002	0.0017	0.0001	0.0002
NE+6.80	26	DER9	0.0082	0.0026	-0.0002	0.0001	0.0010	0.0001
NE+6.80	26	DER10	0.0084	-0.0030	-0.0002	0.0009	0.0010	0.0002
NE+6.80	26	DER11	-0.0101	-0.0026	-0.0001	0.0008	-0.0015	-0.0001
NE+6.80	26	DER12	-0.0104	0.0030	-0.0001	0.0001	-0.0015	-0.0002
NE+6.80	26	DER13	0.0014	0.0093	-0.0002	-0.0008	0.0001	-0.0001
NE+6.80	26	DER14	-0.0041	0.0094	-0.0001	-0.0008	-0.0007	-0.0001
NE+6.80	26	DER15	-0.0034	-0.0093	-0.0002	0.0017	-0.0006	0.0001
NE+6.80	26	DER16	0.0021	-0.0094	-0.0002	0.0017	0.0002	0.0002
NE+6.80	28	DER1	0.0079	0.0049	-0.0004	-0.0007	0.0000	-0.0001
NE+6.80	28	DER2	0.0079	-0.0043	-0.0004	0.0006	0.0000	0.0000
NE+6.80	28	DER3	-0.0111	-0.0048	-0.0004	0.0006	-0.0029	0.0001
NE+6.80	28	DER4	-0.0111	0.0044	-0.0004	-0.0007	-0.0029	0.0000
NE+6.80	28	DER5	0.0013	0.0155	-0.0004	-0.0022	-0.0010	-0.0002
NE+6.80	28	DER6	-0.0044	0.0154	-0.0004	-0.0022	-0.0019	-0.0002
NE+6.80	28	DER7	-0.0044	-0.0154	-0.0004	0.0022	-0.0019	0.0002
NE+6.80	28	DER8	0.0013	-0.0153	-0.0004	0.0021	-0.0010	0.0002
NE+6.80	28	DER9	0.0083	0.0049	-0.0003	-0.0007	0.0000	-0.0001
NE+6.80	28	DER10	0.0083	-0.0043	-0.0003	0.0006	0.0000	0.0000
NE+6.80	28	DER11	-0.0107	-0.0048	-0.0003	0.0006	-0.0029	0.0001
NE+6.80	28	DER12	-0.0107	0.0044	-0.0003	-0.0007	-0.0029	0.0000
NE+6.80	28	DER13	0.0016	0.0155	-0.0003	-0.0022	-0.0010	-0.0002
NE+6.80	28	DER14	-0.0041	0.0154	-0.0003	-0.0022	-0.0019	-0.0002
NE+6.80	28	DER15	-0.0041	-0.0154	-0.0003	0.0022	-0.0019	0.0002
NE+6.80	28	DER16	0.0016	-0.0153	-0.0003	0.0021	-0.0010	0.0002
NE+6.80	30	DER1	0.0079	0.0044	-0.0003	-0.0006	0.0010	0.0000
NE+6.80	30	DER2	0.0079	-0.0040	-0.0003	0.0005	0.0010	0.0000
NE+6.80	30	DER3	-0.0110	-0.0043	-0.0003	0.0006	-0.0017	0.0000
NE+6.80	30	DER4	-0.0110	0.0041	-0.0003	-0.0006	-0.0017	0.0000
NE+6.80	30	DER5	0.0013	0.0141	-0.0003	-0.0019	0.0001	-0.0001
NE+6.80	30	DER6	-0.0044	0.0140	-0.0003	-0.0019	-0.0007	-0.0001
NE+6.80	30	DER7	-0.0044	-0.0139	-0.0003	0.0019	-0.0007	0.0001
NE+6.80	30	DER8	0.0013	-0.0138	-0.0003	0.0019	0.0001	0.0001
NE+6.80	30	DER9	0.0082	0.0044	-0.0003	-0.0006	0.0011	0.0000
NE+6.80	30	DER10	0.0082	-0.0040	-0.0003	0.0005	0.0011	0.0000
NE+6.80	30	DER11	-0.0106	-0.0043	-0.0003	0.0006	-0.0016	0.0000
NE+6.80	30	DER12	-0.0106	0.0041	-0.0003	-0.0006	-0.0016	0.0000
NE+6.80	30	DER13	0.0016	0.0140	-0.0003	-0.0019	0.0001	-0.0001
NE+6.80	30	DER14	-0.0040	0.0139	-0.0003	-0.0019	-0.0007	-0.0001
NE+6.80	30	DER15	-0.0040	-0.0140	-0.0003	0.0019	-0.0007	0.0001
NE+6.80	30	DER16	0.0016	-0.0139	-0.0003	0.0019	0.0001	0.0001
NE+6.80	32	DER1	0.0079	0.0041	-0.0003	-0.0006	0.0010	0.0000
NE+6.80	32	DER2	0.0079	-0.0038	-0.0003	0.0005	0.0010	0.0000
NE+6.80	32	DER3	-0.0108	-0.0040	-0.0003	0.0005	-0.0017	0.0000
NE+6.80	32	DER4	-0.0108	0.0039	-0.0003	-0.0006	-0.0017	0.0000
NE+6.80	32	DER5	0.0013	0.0133	-0.0003	-0.0018	0.0001	-0.0001
NE+6.80	32	DER6	-0.0043	0.0132	-0.0003	-0.0018	-0.0007	-0.0001
NE+6.80	32	DER7	-0.0043	-0.0131	-0.0003	0.0018	-0.0007	0.0001
NE+6.80	32	DER8	0.0013	-0.0131	-0.0003	0.0018	0.0001	0.0001
NE+6.80	32	DER9	0.0082	0.0041	-0.0003	-0.0006	0.0010	0.0000
NE+6.80	32	DER10	0.0082	-0.0038	-0.0003	0.0005	0.0010	0.0000
NE+6.80	32	DER11	-0.0105	-0.0040	-0.0003	0.0005	-0.0016	0.0000
NE+6.80	32	DER12	-0.0105	0.0039	-0.0003	-0.0006	-0.0016	0.0000
NE+6.80	32	DER13	0.0016	0.0133	-0.0003	-0.0018	0.0001	-0.0001
NE+6.80	32	DER14	-0.0040	0.0132	-0.0003	-0.0018	-0.0007	-0.0001
NE+6.80	32	DER15	-0.0040	-0.0132	-0.0003	0.0018	-0.0007	0.0001
NE+6.80	32	DER16	0.0017	-0.0131	-0.0003	0.0018	0.0001	0.0001
NE+6.80	34	DER1	0.0078	0.0038	-0.0003	-0.0005	0.0009	0.0000
NE+6.80	34	DER2	0.0078	-0.0037	-0.0003	0.0005	0.0009	0.0000
NE+6.80	34	DER3	-0.0107	-0.0037	-0.0003	0.0005	-0.0016	0.0000
NE+6.80	34	DER4	-0.0107	0.0038	-0.0003	-0.0005	-0.0016	0.0000
NE+6.80	34	DER5	0.0013	0.0125	-0.0003	-0.0018	0.0000	-0.0001
NE+6.80	34	DER6	-0.0042	0.0125	-0.0003	-0.0018	-0.0007	-0.0001
NE+6.80	34	DER7	-0.0042	-0.0124	-0.0003	0.0017	-0.0007	0.0001
NE+6.80	34	DER8	0.0013	-0.0124	-0.0003	0.0017	0.0000	0.0001
NE+6.80	34	DER9	0.0081	0.0038	-0.0003	-0.0005	0.0010	0.0000
NE+6.80	34	DER10	0.0081	-0.0037	-0.0003	0.0005	0.0010	0.0000
NE+6.80	34	DER11	-0.0104	-0.0037	-0.0003	0.0005	-0.0016	0.0000
NE+6.80	34	DER12	-0.0104	0.0038	-0.0003	-0.0005	-0.0016	0.0000
NE+6.80	34	DER13	0.0016	0.0125	-0.0003	-0.0018	0.0001	-0.0001
NE+6.80	34	DER14	-0.0039	0.0125	-0.0003	-0.0018	-0.0007	-0.0001
NE+6.80	34	DER15	-0.0039	-0.0124	-0.0003	0.0017	-0.0007	0.0001
NE+6.80	34	DER16	0.0016	-0.0124	-0.0003	0.0017	0.0001	0.0001
NE+6.80	36	DER1	0.0077	0.0032	-0.0002	-0.0004	0.0008	-0.0001
NE+6.80	36	DER2	0.0077	-0.0033	-0.0002	0.0004	0.0008	0.0000
NE+6.80	36	DER3	-0.0106	-0.0031	-0.0003	0.0004	-0.0015	0.0001
NE+6.80	36	DER4	-0.0106	0.0034	-0.0003	-0.0005	-0.0015	0.0000
NE+6.80	36	DER5	0.0013	0.0109	-0.0003	-0.0015	0.0000	-0.0002
NE+6.80	36	DER6	-0.0042	0.0110	-0.0003	-0.0015	-0.0007	-0.0002
NE+6.80	36	DER7	-0.0042	-0.0109	-0.0003	0.0015	-0.0007	0.0002
NE+6.80	36	DER8	0.0013	-0.0109	-0.0003	0.0015	0.0000	0.0002
NE+6.80	36	DER9	0.0080	0.0032	-0.0002	-0.0004	0.0009	-0.0001
NE+6.80	36	DER10	0.0080	-0.0034	-0.0002	0.0004	0.0009	0.0000
NE+6.80	36	DER11	-0.0103	-0.0031	-0.0002	0.0004	-0.0014	0.0001
NE+6.80	36	DER12	-0.0103	0.0034	-0.0002	-0.0005	-0.0014	0.0000
NE+6.80	36	DER13	0.0016	0.0109	-0.0002	-0.0015	0.0001	-0.0002
NE+6.80	36	DER14	-0.0039	0.0110	-0.0002	-0.0015	-0.0006	-0.0002
NE+6.80	36	DER15	-0.0039	-0.0109	-0.0002	0.0015	-0.0006	0.0002
NE+6.80	36	DER16	0.0016	-0.0109	-0.0002	0.0015	0.0001	0.0002
NE+6.80	52	DER15	-0.0041	-0.0096	-0.0002	0.0006	-0.0006	0.0001
NE+6.80	52	DER16	0.0015	-0.0097	-0.0002	0.0006	0.0001	0.0001
NE+6.80	53	DER1	0.0082	0.0026	-0.0002	-0.0008	0.0010	-0.0002
NE+6.80	53	DER2	0.0080	-0.0029	-0.0002	0.0000	0.0010	-0.0001
NE+6.80	53	DER3	-0.0107	-0.0025	-0.0002	0.0000	-0.0015	0.0002
NE+6.80	53	DER4	-0.0105	0.0031	-0.0002	-0.0008	-0.0015	0.0001
NE+6.80	53	DER5	0.0019	0.0093	-0.0002	-0.0017	0.0002	-0.0002
NE+6.80	53	DER6	-0.0037	0.0094	-0.0002	-0.0017	-0.0006	-0.0001
NE+6.80	53	DER7	-0.0044	-0.0092	-0.0002	0.0009	-0.0007	0.0001
NE+6.80	53	DER8	0.0012	-0.0093	-0.0002	0.0009	0.0001	0.0000
NE+6.80	53	DER9	0.0085	0.0026	-0.0002	-0.0008	0.0010	-0.0002
NE+6.80	53	DER10	0.0083	-0.0030	-0.0002	-0.0001	0.0010	-0.0001
NE+6.80	53	DER11	-0.0104	-0.0026	-0.0001	-0.0001	-0.0015	0.0002
NE+6.80	53	DER12	-0.0102	0.0030	-0.0001	-0.0008	-0.0015	0.0001
NE+6.80	53	DER13	0.0022	0.0093	-0.0002	-0.0017	0.0002	-0.0002
NE+6.80	53	DER14	-0.0034	0.0094	-0.0002	-0.0017	-0.0006	-0.0001
NE+6.80	53	DER15	-0.0041	-0.0092	-0.0001	0.0008	-0.0007	0.0001
NE+6.80	53	DER16	0.0015	-0.0093	-0.0002	0.0008	0.0001	0.0001
NE+3.45	15	DER1	0.0038	0.0021	-0.0003	0.0000	0.0010	0.0000
NE+3.45	15	DER2	0.0040	-0.0018	-0.0003	0.0013	0.0010	0.0000
NE+3.45	15	DER3	-0.0046	-0.0021	-0.0004	0.0014	-0.0018	0.0000
NE+3.45	15	DER4	-0.0047	0.0018	-0.0003	0.0001	-0.0019	0.0000
NE+3.45	15	DER5	0.0007	0.0065	-0.0003	-0.0016	0.0000	0.0000
NE+3.45	15	DER6	-0.0019	0.0064	-0.0003	-0.0015	-0.0009	0.0000
NE+3.45	15	DER7	-0.0015	-0.0065	-0.0004	0.0030	-0.0008	0.0000
NE+3.45	15	DER8	0.0011	-0.0064	-0.0004	0.0029	0.0000	0.0000
NE+3.45	15	DER9	0.0040	0.0021	-0.0002	-0.0004	0.0012	0.0000
NE+3.45	15	DER10	0.0041	-0.0018	-0.0003	0.0009	0.0013	0.0000
NE+3.45	15	DER11	-0.0045	-0.0021	-0.0003	0.0010	-0.0016	0.0000
NE+3.45	15	DER12	-0.0046	0.0018	-0.0003	-0.0003	-0.0016	0.0000
NE+3.45	15	DER13	0.0008	0.0065	-0.0002	-0.0020	0.0002	0.0000
NE+3.45	15	DER14	-0.0017	0.0064	-0.0002	-0.0019	-0.0006	0.0000
NE+3.45	15	DER15	-0.0014	-0.0065	-0.0003	0.0026	-0.0006	0.0000
NE+3.45	15	DER16	0.0012	-0.0064	-0.0003	0.0026	0.0003	0.0000
NE+3.45	16	DER1	0.0038	0.0020	-0.0003	-0.0007	0.0010	0.0000
NE+3.45	16	DER2	0.0040	-0.0017	-0.0003	0.0008	0.0010	0.0000
NE+3.45	16	DER3	-0.0046	-0.0020	-0.0003	0.0009	-0.0014	0.0000
NE+3.45	16	DER4	-0.0047	0.0018	-0.0003	-0.0006	-0.0014	0.0000
NE+3.45	16	DER5	0.0007	0.0063	-0.0003	-0.0024	0.0001	0.0000
NE+3.45	16	DER6	-0.0019	0.0062	-0.0003	-0.0023	-0.0006	0.0000
NE+3.45	16	DER7	-0.0015	-0.0062	-0.0003	0.0026	-0.0005	0.0000
NE+3.45	16	DER8	0.0011	-0.0062	-0.0003	0.0025	0.0002	0.0000
NE+3.45	16	DER9	0.0040	0.0020	-0.0002	-0.0010	0.0010	0.0000
NE+3.45	16	DER10	0.0041	-0.0017	-0.0002	0.0005	0.0010	0.0000
NE+3.45	16	DER11	-0.0045	-0.0020	-0.0002	0.0006	-0.0013	0.0000
NE+3.45	16	DER12	-0.0046	0.0018	-0.0002	-0.0009	-0.0014	0.0000
NE+3.45	16	DER13	0.0008	0.0063	-0.0002	-0.0027	0.0001	0.0000
NE+3.45	16	DER14	-0.0017	0.0062	-0.0002	-0.0026	-0.0006	0.0000
NE+3.45	16	DER15	-0.0014	-0.0063	-0.0003	0.0023	-0.0005	0.0000
NE+3.45	16	DER16	0.0012	-0.0062	-0.0003	0.0022	0.0002	0.0000
NE+3.45	17	DER1	0.0038	0.0019	-0.0003	0.0000	0.0011	0.0000
NE+3.45	17	DER2	0.0040	-0.0017	-0.0003	0.0013	0.0011	0.0000
NE+3.45	17	DER3	-0.0046	-0.0019	-0.0003	0.0013	-0.0013	0.0000
NE+3.45	17	DER4	-0.0047	0.0017	-0.0003	0.0001	-0.0013	0.0000
NE+3.45	17	DER5	0.0007	0.0061	-0.0003	-0.0014	0.0002	0.0000
NE+3.45	17	DER6	-0.0019	0.0060	-0.0003	-0.0014	-0.0005	0.0000
NE+3.45	17	DER7	-0.0015	-0.0060	-0.0003	0.0028	-0.0004	0.0000
NE+3.45	17	DER8	0.0011	-0.0060	-0.0003	0.0028	0.0003	0.0000
NE+3.45	17	DER9	0.0040	0.0019	-0.0002	-0.0004	0.0011	0.0000
NE+3.45	17	DER10	0.0041	-0.0017	-0.0002	0.0009	0.0011	0.0000
NE+3.45	17	DER11	-0.0045	-0.0019	-0.0002	0.0009	-0.0013	0.0000
NE+3.45	17	DER12	-0.0046	0.0017	-0.0002	-0.0003	-0.0013	0.0000
NE+3.45	17	DER13	0.0008	0.0061	-0.0002	-0.0018	0.0002	0.0000
NE+3.45	17	DER14	-0.0017	0.0060	-0.0002	-0.0018	-0.0005	0.0000
NE+3.45	17	DER15	-0.0014	-0.0061	-0.0003	0.0024	-0.0004	0.0000
NE+3.45	17	DER16	0.0012	-0.0060	-0.0003	0.0023	0.0003	0.0000
NE+3.45	18	DER1	0.0038	0.0018	-0.0003	-0.0006	0.0010	0.0000
NE+3.45	18	DER2	0.0040	-0.0017	-0.0003	0.0008	0.0010	0.0000
NE+3.45	18	DER3	-0.0046	-0.0018	-0.0003	0.0008	-0.0014	0.0000
NE+3.45	18	DER4	-0.0047	0.0017	-0.0003	-0.0006	-0.0014	0.0000
NE+3.45	18	DER5	0.0007	0.0059	-0.0003	-0.0022	0.0001	0.0000
NE+3.45	18	DER6	-0.0019	0.0058	-0.0003	-0.0022	-0.0006	0.0000
NE+3.45	18	DER7	-0.0015	-0.0058	-0.0003	0.0024	-0.0005	0.0000
NE+3.45	18	DER8	0.0011	-0.0058	-0.0003	0.0024	0.0002	0.0000
NE+3.45	18	DER9	0.0040	0.0018	-0.0002	-0.0009	0.0010	0.0000
NE+3.45	18	DER10	0.0041	-0.0017	-0.0002	0.0005	0.0011	0.0000
NE+3.45	18	DER11	-0.0045	-0.0018	-0.0003	0.0005	-0.0013	0.0000
NE+3.45	18	DER12	-0.0046	0.0017	-0.0002	-0.0008	-0.0014	0.0000
NE+3.45	18	DER13	0.0008	0.0059	-0.0002	-0.0025	0.0002	0.0000
NE+3.45	18	DER14	-0.0017	0.0058	-0.0002	-0.0024	-0.0006	0.0000
NE+3.45	18	DER15	-0.0014	-0.0058	-0.0003	0.0021	-0.0005	0.0000
NE+3.45	18	DER16	0.0012	-0.0058	-0.0003	0.0021	0.0003	0.0000
NE+3.45	19	DER1	0.0038	0.0018	-0.0003	0.0001	0.0011	0.0000
NE+3.45	19	DER2	0.0040	-0.0016	-0.0003	0.0013	0.0011	0.0000
NE+3.45	19	DER3	-0.0046	-0.0017	-0.0003	0.0013	-0.0013	0.0000
NE+3.45	19	DER4	-0.0047	0.0017	-0.0003	0.0001	-0.0013	0.0000
NE+3.45	19	DER5	0.0007	0.0057	-0.0003	-0.0013	0.0002	0.0000
NE+3.45	19	DER6	-0.0019	0.0056	-0.0003	-0.0013	-0.0005	0.0000
NE+3.45	19	DER7	-0.0015	-0.0056	-0.0003	0.0026	-0.0004	0.0000
NE+3.45	19	DER8	0.0011	-0.0056	-0.0003	0.0026	0.0003	0.0000
NE+3.45	19	DER9	0.0040	0.0017	-0.0002	-0.0003	0.0011	0.0000
NE+3.45	19	DER10	0.0041	-0.0016	-0.0002	0.0008	0.0011	0.0000
NE+3.45	19	DER11	-0.0045	-0.0017	-0.0002	0.0009	-0.0013	0.0000
NE+3.45	19	DER12	-0.0046	0.0017	-0.0002	-0.0003	-0.0013	0.0000
NE+3.45	19	DER13	0.0008	0.0057	-0.0002	-0.0017	0.0002	0.0000
NE+3.45	19	DER14	-0.0017	0.0056	-0.0002	-0.0017	-0.0005	0.0000
NE+3.45	19	DER15	-0.0014	-0.0056	-0.0003	0.0022	-0.0004	0.0000
NE+3.45	19	DER16	0.0012	-0.0056	-0.0003	0.0022	0.0003	0.0000
NE+3.45	20	DER1	0.0038	0.0017	-0.0003	-0.0005	0.0010	0.0000
NE+3.45	20	DER2	0.0040	-0.0016	-0.0003	0.0008	0.0010	0.0000
NE+3.45	20	DER3	-0.0046	-0.0016	-0.0003	0.0008	-0.0014	0.0000
NE+3.45	20	DER4	-0.0047	0.0016	-0.0003	-0.0005	-0.0014	0.0000
NE+3.45	20	DER5	0.0007	0.0054	-0.0003	-0.0020	0.0001	0.0000
NE+3.45	20	DER6	-0.0019	0.0054	-0.0003	-0.0020	-0.0006	0.0000
NE+3.45	20	DER7	-0.0015	-0.0054	-0.0003	0.0023	-0.0005	0.0000
NE+3.45	20	DER8	0.0011	-0.0054	-0.0003	0.0023	0.0002	0.0000
NE+3.45	20	DER9	0.0040	0.0017	-0.0002	-0.0008	0.0010	0.0000
NE+3.45	20	DER10	0.0041	-0.0016	-0.0002	0.0005	0.0011	0.0000
NE+3.45	20	DER11	-0.0045	-0.0016	-0.0003	0.0005	-0.0013	0.0000
NE+3.45	20	DER12	-0.0046	0.0016	-0.0002	-0.0008	-0.0013	0.0000
NE+3.45	20	DER13	0.0008	0.0054	-0.0002	-0.0023	0.0002	0.0000
NE+3.45	20	DER14	-0.0017	0.0054	-0.0002	-0.0023	-0.0005	0.0000
NE+3.45	20	DER15	-0.0014	-0.0054	-0.0003	0.0020	-0.0005	0.0000
NE+3.45	20	DER16	0.0012	-0.0054	-0.0003	0.0020	0.0003	0.0000
NE+3.45	21	DER1	0.0038	0.0016	-0.0003	0.0001	0.0011	0.0000
NE+3.45	21	DER2	0.0040	-0.0016	-0.0003	0.0012	0.0011	0.0000
NE+3.45	21	DER3	-0.0046	-0.0015	-0.0003	0.0012	-0.0013	0.0000
NE+3.45	21	DER4	-0.0047	0.0016	-0.0003	0.0001	-0.0013	0.0000
NE+3.45	21	DER5	0.0007	0.0052	-0.0003	-0.0012	0.0002	0.0000
NE+3.45	21	DER6	-0.0019	0.0052	-0.0003	-0.0012	-0.0005	0.0000
NE+3.45	42	DER5	0.0011	0.0065	-0.0004	-0.0030	0.0000	0.0000
NE+3.45	42	DER6	-0.0015	0.0064	-0.0004	-0.0030	-0.0008	0.0000
NE+3.45	42	DER7	-0.0019	-0.0065	-0.0003	0.0016	-0.0009	0.0000
NE+3.45	42	DER8	0.0007	-0.0064	-0.0003	0.0015	0.0000	0.0000
NE+3.45	42	DER9	0.0041	0.0021	-0.0003	-0.0010	0.0013	0.0000
NE+3.45	42	DER10	0.0040	-0.0018	-0.0002	0.0003	0.0013	0.0000
NE+3.45	42	DER11	-0.0047	-0.0021	-0.0003	0.0004	-0.0016	0.0000
NE+3.45	42	DER12	-0.0045	0.0018	-0.0003	-0.0010	-0.0016	0.0000
NE+3.45	42	DER13	0.0012	0.0065	-0.0003	-0.0026	0.0003	0.0000
NE+3.45	42	DER14	-0.0014	0.0064	-0.0003	-0.0026	-0.0006	0.0000
NE+3.45	42	DER15	-0.0018	-0.0065	-0.0002	0.0020	-0.0006	0.0000
NE+3.45	42	DER16	0.0008	-0.0064	-0.0002	0.0019	0.0002	0.0000
NE+3.45	43	DER1	0.0040	0.0020	-0.0003	-0.0009	0.0010	0.0000
NE+3.45	43	DER2	0.0039	-0.0017	-0.0003	0.0006	0.0010	0.0000
NE+3.45	43	DER3	-0.0048	-0.0020	-0.0003	0.0006	-0.0014	0.0000
NE+3.45	43	DER4	-0.0047	0.0018	-0.0003	-0.0008	-0.0014	0.0000
NE+3.45	43	DER5	0.0011	0.0063	-0.0003	-0.0026	0.0002	0.0000
NE+3.45	43	DER6	-0.0015	0.0062	-0.0003	-0.0026	-0.0005	0.0000
NE+3.45	43	DER7	-0.0019	-0.0062	-0.0003	0.0023	-0.0006	0.0000
NE+3.45	43	DER8	0.0007	-0.0062	-0.0003	0.0023	0.0001	0.0000
NE+3.45	43	DER9	0.0041	0.0020	-0.0002	-0.0006	0.0010	0.0000
NE+3.45	43	DER10	0.0040	-0.0017	-0.0002	0.0009	0.0010	0.0000
NE+3.45	43	DER11	-0.0047	-0.0020	-0.0002	0.0009	-0.0014	0.0000
NE+3.45	43	DER12	-0.0045	0.0018	-0.0002	-0.0005	-0.0013	0.0000
NE+3.45	43	DER13	0.0012	0.0063	-0.0003	-0.0023	0.0002	0.0000
NE+3.45	43	DER14	-0.0014	0.0062	-0.0003	-0.0023	-0.0005	0.0000
NE+3.45	43	DER15	-0.0018	-0.0063	-0.0002	0.0026	-0.0006	0.0000
NE+3.45	43	DER16	0.0008	-0.0062	-0.0002	0.0026	0.0001	0.0000
NE+3.45	44	DER1	0.0040	0.0019	-0.0003	-0.0013	0.0011	0.0000
NE+3.45	44	DER2	0.0039	-0.0017	-0.0003	-0.0001	0.0011	0.0000
NE+3.45	44	DER3	-0.0048	-0.0019	-0.0003	0.0000	-0.0014	0.0000
NE+3.45	44	DER4	-0.0047	0.0017	-0.0003	-0.0013	-0.0013	0.0000
NE+3.45	44	DER5	0.0011	0.0061	-0.0003	-0.0028	0.0003	0.0000
NE+3.45	44	DER6	-0.0015	0.0060	-0.0003	-0.0028	-0.0004	0.0000
NE+3.45	44	DER7	-0.0019	-0.0060	-0.0003	0.0014	-0.0005	0.0000
NE+3.45	44	DER8	0.0007	-0.0060	-0.0003	0.0014	0.0002	0.0000
NE+3.45	44	DER9	0.0041	0.0019	-0.0002	-0.0009	0.0011	0.0000
NE+3.45	44	DER10	0.0040	-0.0017	-0.0002	0.0003	0.0011	0.0000
NE+3.45	44	DER11	-0.0047	-0.0019	-0.0002	0.0004	-0.0013	0.0000
NE+3.45	44	DER12	-0.0045	0.0017	-0.0002	-0.0009	-0.0013	0.0000
NE+3.45	44	DER13	0.0012	0.0061	-0.0003	-0.0024	0.0003	0.0000
NE+3.45	44	DER14	-0.0014	0.0060	-0.0003	-0.0024	-0.0004	0.0000
NE+3.45	44	DER15	-0.0018	-0.0061	-0.0002	0.0018	-0.0005	0.0000
NE+3.45	44	DER16	0.0008	-0.0060	-0.0002	0.0018	0.0002	0.0000
NE+3.45	45	DER1	0.0040	0.0018	-0.0003	-0.0009	0.0010	0.0000
NE+3.45	45	DER2	0.0039	-0.0017	-0.0003	0.0005	0.0010	0.0000
NE+3.45	45	DER3	-0.0048	-0.0018	-0.0003	0.0005	-0.0014	0.0000
NE+3.45	45	DER4	-0.0047	0.0017	-0.0003	-0.0008	-0.0014	0.0000
NE+3.45	45	DER5	0.0011	0.0059	-0.0003	-0.0025	0.0002	0.0000
NE+3.45	45	DER6	-0.0015	0.0058	-0.0003	-0.0024	-0.0005	0.0000
NE+3.45	45	DER7	-0.0019	-0.0058	-0.0003	0.0021	-0.0006	0.0000
NE+3.45	45	DER8	0.0007	-0.0058	-0.0003	0.0021	0.0001	0.0000
NE+3.45	45	DER9	0.0041	0.0018	-0.0002	-0.0006	0.0011	0.0000
NE+3.45	45	DER10	0.0040	-0.0017	-0.0002	0.0008	0.0010	0.0000
NE+3.45	45	DER11	-0.0047	-0.0018	-0.0002	0.0008	-0.0014	0.0000
NE+3.45	45	DER12	-0.0045	0.0017	-0.0003	-0.0005	-0.0013	0.0000
NE+3.45	45	DER13	0.0012	0.0059	-0.0003	-0.0022	0.0003	0.0000
NE+3.45	45	DER14	-0.0014	0.0058	-0.0003	-0.0022	-0.0005	0.0000
NE+3.45	45	DER15	-0.0018	-0.0058	-0.0002	0.0024	-0.0006	0.0000
NE+3.45	45	DER16	0.0008	-0.0058	-0.0002	0.0024	0.0002	0.0000
NE+3.45	46	DER1	0.0040	0.0018	-0.0003	-0.0013	0.0011	0.0000
NE+3.45	46	DER2	0.0039	-0.0016	-0.0003	-0.0001	0.0011	0.0000
NE+3.45	46	DER3	-0.0048	-0.0017	-0.0003	-0.0001	-0.0013	0.0000
NE+3.45	46	DER4	-0.0047	0.0017	-0.0003	-0.0013	-0.0013	0.0000
NE+3.45	46	DER5	0.0011	0.0057	-0.0003	-0.0027	0.0003	0.0000
NE+3.45	46	DER6	-0.0015	0.0056	-0.0003	-0.0027	-0.0004	0.0000
NE+3.45	46	DER7	-0.0019	-0.0056	-0.0003	0.0013	-0.0005	0.0000
NE+3.45	46	DER8	0.0007	-0.0056	-0.0003	0.0013	0.0002	0.0000
NE+3.45	46	DER9	0.0041	0.0017	-0.0002	-0.0009	0.0011	0.0000
NE+3.45	46	DER10	0.0040	-0.0016	-0.0002	0.0003	0.0011	0.0000
NE+3.45	46	DER11	-0.0047	-0.0017	-0.0002	0.0003	-0.0013	0.0000
NE+3.45	46	DER12	-0.0045	0.0017	-0.0002	-0.0009	-0.0013	0.0000
NE+3.45	46	DER13	0.0012	0.0057	-0.0003	-0.0023	0.0003	0.0000
NE+3.45	46	DER14	-0.0014	0.0056	-0.0003	-0.0022	-0.0004	0.0000
NE+3.45	46	DER15	-0.0018	-0.0056	-0.0002	0.0017	-0.0005	0.0000
NE+3.45	46	DER16	0.0008	-0.0056	-0.0002	0.0017	0.0002	0.0000
NE+3.45	47	DER1	0.0040	0.0017	-0.0003	-0.0008	0.0010	0.0000
NE+3.45	47	DER2	0.0039	-0.0016	-0.0003	0.0005	0.0010	0.0000
NE+3.45	47	DER3	-0.0048	-0.0016	-0.0003	0.0005	-0.0014	0.0000
NE+3.45	47	DER4	-0.0047	0.0016	-0.0003	-0.0008	-0.0014	0.0000
NE+3.45	47	DER5	0.0011	0.0054	-0.0003	-0.0023	0.0002	0.0000
NE+3.45	47	DER6	-0.0015	0.0054	-0.0003	-0.0023	-0.0005	0.0000
NE+3.45	47	DER7	-0.0019	-0.0054	-0.0003	0.0020	-0.0006	0.0000
NE+3.45	47	DER8	0.0007	-0.0054	-0.0003	0.0020	0.0001	0.0000
NE+3.45	47	DER9	0.0041	0.0017	-0.0002	-0.0005	0.0011	0.0000
NE+3.45	47	DER10	0.0040	-0.0016	-0.0002	0.0008	0.0010	0.0000
NE+3.45	47	DER11	-0.0047	-0.0016	-0.0002	0.0008	-0.0014	0.0000
NE+3.45	47	DER12	-0.0045	0.0016	-0.0003	-0.0005	-0.0013	0.0000
NE+3.45	47	DER13	0.0012	0.0054	-0.0003	-0.0020	0.0003	0.0000
NE+3.45	47	DER14	-0.0014	0.0054	-0.0003	-0.0020	-0.0005	0.0000
NE+3.45	47	DER15	-0.0018	-0.0054	-0.0002	0.0023	-0.0006	0.0000
NE+3.45	47	DER16	0.0008	-0.0054	-0.0002	0.0023	0.0002	0.0000
NE+3.45	48	DER1	0.0040	0.0016	-0.0003	-0.0012	0.0011	0.0000
NE+3.45	48	DER2	0.0039	-0.0016	-0.0003	-0.0001	0.0011	0.0000
NE+3.45	48	DER3	-0.0048	-0.0015	-0.0003	-0.0001	-0.0013	0.0000
NE+3.45	48	DER4	-0.0047	0.0016	-0.0003	-0.0012	-0.0013	0.0000
NE+3.45	48	DER5	0.0011	0.0052	-0.0003	-0.0025	0.0003	0.0000
NE+3.45	48	DER6	-0.0015	0.0052	-0.0003	-0.0025	-0.0004	0.0000
NE+3.45	48	DER7	-0.0019	-0.0052	-0.0003	0.0012	-0.0005	0.0000
NE+3.45	48	DER8	0.0007	-0.0052	-0.0003	0.0012	0.0002	0.0000
NE+3.45	48	DER9	0.0041	0.0016	-0.0002	-0.0008	0.0011	0.0000
NE+3.45	48	DER10	0.0040	-0.0016	-0.0002	0.0003	0.0011	0.0000
NE+3.45	48	DER11	-0.0047	-0.0015	-0.0002	0.0003	-0.0013	0.0000
NE+3.45	48	DER12	-0.0045	0.0016	-0.0002	-0.0008	-0.0013	0.0000
NE+3.45	48	DER13	0.0012	0.0052	-0.0003	-0.0021	0.0003	0.0000
NE+3.45	48	DER14	-0.0014	0.0052	-0.0003	-0.0021	-0.0004	0.0000
NE+3.45	48	DER15	-0.0018	-0.0052	-0.0002	0.0016	-0.0005	0.0000
NE+3.45	48	DER16	0.0008	-0.0052	-0.0002	0.0016	0.0002	0.0000
NE+3.45	49	DER1	0.0040	0.0015	-0.0003	-0.0007	0.0010	0.0000
NE+3.45	49	DER2	0.0039	-0.0015	-0.0003	0.0005	0.0010	0.0000
NE+3.45	49	DER3	-0.0048	-0.0015	-0.0003	0.0004	-0.0014	0.0000
NE+3.45	49	DER4	-0.0047	0.0016	-0.0003	-0.0008	-0.0014	0.0000
NE+3.45	49	DER5	0.0011	0.0050	-0.0003	-0.0022	0.0002	0.0000
NE+3.45	49	DER6	-0.0015	0.0050	-0.0003	-0.0022	-0.0005	0.0000
NE+3.45	49	DER7	-0.0019	-0.0050	-0.0003	0.0018	-0.0006	0.0000
NE+3.45	49	DER8	0.0007	-0.0050	-0.0003	0.0019	0.0001	0.0000
NE+3.45	49	DER9	0.0041	0.0015	-0.0003	-0.0004	0.0011	0.0000
NE+3.45	49	DER10	0.0040	-0.0015	-0.0002	0.0008	0.0011	0.0000
NE+3.45	49	DER11	-0.0047	-0.0015	-0.0002	0.0007	-0.0013	0.0000
NE+3.45	49	DER12	-0.0045	0.0016	-0.0003	-0.0005	-0.0013	0.0000

NE+6.80	37	DER1	0.0077	0.0030	-0.0002	-0.0004	0.0008	0.0000
NE+6.80	37	DER2	0.0077	-0.0032	-0.0002	0.0004	0.0008	0.0000
NE+6.80	37	DER3	-0.0106	-0.0029	-0.0002	0.0004	-0.0014	0.0000
NE+6.80	37	DER4	-0.0106	0.0032	-0.0002	-0.0004	-0.0014	0.0000
NE+6.80	37	DER5	0.0013	0.0102	-0.0002	-0.0013	0.0000	-0.0001
NE+6.80	37	DER6	-0.0042	0.0103	-0.0002	-0.0013	-0.0006	-0.0001
NE+6.80	37	DER7	-0.0042	-0.0101	-0.0002	0.0013	-0.0006	0.0001
NE+6.80	37	DER8	0.0013	-0.0102	-0.0002	0.0013	0.0006	0.0001
NE+6.80	37	DER9	0.0080	0.0029	-0.0002	-0.0004	0.0008	0.0000
NE+6.80	37	DER10	0.0080	-0.0032	-0.0002	0.0004	0.0008	0.0000
NE+6.80	37	DER11	-0.0102	-0.0029	-0.0002	0.0004	-0.0013	0.0000
NE+6.80	37	DER12	-0.0102	0.0032	-0.0002	-0.0004	-0.0013	0.0000
NE+6.80	37	DER13	0.0016	0.0102	-0.0002	-0.0013	0.0001	-0.0001
NE+6.80	37	DER14	-0.0039	0.0103	-0.0002	-0.0013	-0.0006	-0.0001
NE+6.80	37	DER15	-0.0038	-0.0101	-0.0002	0.0013	-0.0006	0.0001
NE+6.80	37	DER16	0.0016	-0.0102	-0.0002	0.0013	0.0001	0.0001
NE+6.80	38	DER1	0.0077	0.0028	-0.0002	-0.0004	0.0008	0.0000
NE+6.80	38	DER2	0.0077	-0.0031	-0.0002	0.0004	0.0008	0.0000
NE+6.80	38	DER3	-0.0105	-0.0027	-0.0002	0.0003	-0.0014	0.0000
NE+6.80	38	DER4	-0.0105	0.0031	-0.0002	-0.0004	-0.0014	0.0000
NE+6.80	38	DER5	0.0013	0.0097	-0.0002	-0.0013	0.0001	-0.0001
NE+6.80	38	DER6	-0.0042	0.0098	-0.0002	-0.0013	-0.0006	-0.0001
NE+6.80	38	DER7	-0.0042	-0.0097	-0.0002	0.0012	-0.0006	0.0001
NE+6.80	38	DER8	0.0013	-0.0098	-0.0002	0.0012	0.0001	0.0001
NE+6.80	38	DER9	0.0080	0.0028	-0.0002	-0.0004	0.0009	0.0000
NE+6.80	38	DER10	0.0080	-0.0031	-0.0002	0.0004	0.0009	0.0000
NE+6.80	38	DER11	-0.0102	-0.0027	-0.0002	0.0003	-0.0013	0.0000
NE+6.80	38	DER12	-0.0102	0.0031	-0.0002	-0.0004	-0.0013	0.0000
NE+6.80	38	DER13	0.0016	0.0097	-0.0002	-0.0013	0.0001	-0.0001
NE+6.80	38	DER14	-0.0038	0.0098	-0.0002	-0.0013	-0.0005	-0.0001
NE+6.80	38	DER15	-0.0038	-0.0097	-0.0002	0.0012	-0.0005	0.0001
NE+6.80	38	DER16	0.0016	-0.0098	-0.0002	0.0012	0.0001	0.0001
NE+6.80	39	DER1	0.0077	0.0026	-0.0002	-0.0004	0.0010	0.0000
NE+6.80	39	DER2	0.0077	-0.0030	-0.0002	0.0004	0.0010	0.0000
NE+6.80	39	DER3	-0.0105	-0.0026	-0.0001	0.0003	-0.0014	0.0000
NE+6.80	39	DER4	-0.0105	0.0030	-0.0001	-0.0004	-0.0014	0.0000
NE+6.80	39	DER5	0.0013	0.0093	-0.0002	-0.0012	0.0001	-0.0001
NE+6.80	39	DER6	-0.0042	0.0094	-0.0002	-0.0012	-0.0006	-0.0001
NE+6.80	39	DER7	-0.0042	-0.0092	-0.0002	0.0012	-0.0006	0.0001
NE+6.80	39	DER8	0.0013	-0.0094	-0.0002	0.0012	0.0001	0.0001
NE+6.80	39	DER9	0.0080	0.0026	-0.0002	-0.0004	0.0010	0.0000
NE+6.80	39	DER10	0.0080	-0.0030	-0.0002	0.0004	0.0010	0.0000
NE+6.80	39	DER11	-0.0102	-0.0026	-0.0001	0.0003	-0.0014	0.0000
NE+6.80	39	DER12	-0.0102	0.0030	-0.0001	-0.0004	-0.0014	0.0000
NE+6.80	39	DER13	0.0016	0.0093	-0.0002	-0.0012	0.0002	-0.0001
NE+6.80	39	DER14	-0.0038	0.0094	-0.0001	-0.0012	-0.0005	-0.0001
NE+6.80	39	DER15	-0.0038	-0.0092	-0.0001	0.0012	-0.0005	0.0001
NE+6.80	39	DER16	0.0016	-0.0094	-0.0002	0.0012	0.0002	0.0001
NE+6.80	42	DER1	0.0082	0.0050	-0.0004	-0.0015	0.0000	-0.0002
NE+6.80	42	DER2	0.0080	-0.0043	-0.0004	-0.0001	0.0000	-0.0001
NE+6.80	42	DER3	-0.0111	-0.0047	-0.0005	-0.0001	-0.0027	0.0001
NE+6.80	42	DER4	-0.0109	0.0045	-0.0005	-0.0015	-0.0027	0.0000
NE+6.80	42	DER5	0.0017	0.0156	-0.0005	-0.0032	-0.0010	-0.0002
NE+6.80	42	DER6	-0.0040	0.0155	-0.0005	-0.0032	-0.0018	-0.0002
NE+6.80	42	DER7	-0.0047	-0.0153	-0.0004	0.0016	-0.0018	0.0002
NE+6.80	42	DER8	0.0010	-0.0152	-0.0004	0.0016	-0.0010	0.0001
NE+6.80	42	DER9	0.0085	0.0050	-0.0004	-0.0016	0.0000	-0.0002
NE+6.80	42	DER10	0.0083	-0.0043	-0.0003	-0.0002	0.0000	-0.0001
NE+6.80	42	DER11	-0.0108	-0.0048	-0.0004	-0.0002	-0.0027	0.0001
NE+6.80	42	DER12	-0.0106	0.0045	-0.0004	-0.0016	-0.0027	0.0000
NE+6.80	42	DER13	0.0020	0.0156	-0.0004	-0.0033	-0.0009	-0.0002
NE+6.80	42	DER14	-0.0037	0.0154	-0.0004	-0.0033	-0.0018	-0.0001
NE+6.80	42	DER15	-0.0044	-0.0154	-0.0003	0.0015	-0.0018	0.0002
NE+6.80	42	DER16	0.0013	-0.0152	-0.0003	0.0015	-0.0010	0.0001
NE+6.80	43	DER1	0.0082	0.0050	-0.0004	-0.0016	0.0010	-0.0002
NE+6.80	43	DER2	0.0080	-0.0043	-0.0004	-0.0001	0.0010	-0.0001
NE+6.80	43	DER3	-0.0111	-0.0047	-0.0004	0.0000	-0.0015	0.0001
NE+6.80	43	DER4	-0.0108	0.0046	-0.0004	-0.0016	-0.0015	0.0001
NE+6.80	43	DER5	0.0018	0.0157	-0.0004	-0.0035	0.0002	-0.0002
NE+6.80	43	DER6	-0.0039	0.0156	-0.0004	-0.0035	-0.0006	-0.0001

NE+3.45	21	DER7	-0.0015	-0.0052	-0.0003	0.0025	-0.0004	0.0000
NE+3.45	21	DER8	0.0011	-0.0052	-0.0003	0.0025	0.0003	0.0000
NE+3.45	21	DER9	0.0040	0.0016	-0.0002	-0.0003	0.0011	0.0000
NE+3.45	21	DER10	0.0041	-0.0016	-0.0002	0.0008	0.0011	0.0000
NE+3.45	21	DER11	-0.0045	-0.0015	-0.0002	0.0008	-0.0013	0.0000
NE+3.45	21	DER12	-0.0046	0.0016	-0.0002	-0.0003	-0.0013	0.0000
NE+3.45	21	DER13	0.0008	0.0052	-0.0002	-0.0016	0.0002	0.0000
NE+3.45	21	DER14	-0.0017	0.0052	-0.0002	-0.0016	-0.0005	0.0000
NE+3.45	21	DER15	-0.0014	-0.0052	-0.0003	0.0021	-0.0004	0.0000
NE+3.45	21	DER16	0.0012	-0.0052	-0.0003	0.0021	0.0003	0.0000
NE+3.45	22	DER1	0.0038	0.0015	-0.0003	-0.0005	0.0010	0.0000
NE+3.45	22	DER2	0.0040	-0.0015	-0.0003	0.0007	0.0010	0.0000
NE+3.45	22	DER3	-0.0046	-0.0015	-0.0003	0.0007	-0.0013	0.0000
NE+3.45	22	DER4	-0.0047	0.0016	-0.0003	-0.0005	-0.0014	0.0000
NE+3.45	22	DER5	0.0007	0.0050	-0.0003	-0.0019	0.0001	0.0000
NE+3.45	22	DER6	-0.0019	0.0050	-0.0003	-0.0019	-0.0006	0.0000
NE+3.45	22	DER7	-0.0015	-0.0050	-0.0003	0.0021	-0.0005	0.0000
NE+3.45	22	DER8	0.0011	-0.0050	-0.0003	0.0021	0.0002	0.0000
NE+3.45	22	DER9	0.0040	0.0015	-0.0002	-0.0008	0.0010	0.0000
NE+3.45	22	DER10	0.0041	-0.0015	-0.0003	0.0004	0.0011	0.0000
NE+3.45	22	DER11	-0.0045	-0.0015	-0.0003	0.0004	-0.0013	0.0000
NE+3.45	22	DER12	-0.0046	0.0016	-0.0002	-0.0008	-0.0013	0.0000
NE+3.45	22	DER13	0.0008	0.0050	-0.0002	-0.0022	0.0002	0.0000
NE+3.45	22	DER14	-0.0017	0.0050	-0.0002	-0.0022	-0.0005	0.0000
NE+3.45	22	DER15	-0.0014	-0.0050	-0.0003	0.0018	-0.0004	0.0000
NE+3.45	22	DER16	0.0012	-0.0050	-0.0003	0.0018	0.0003	0.0000
NE+3.45	23	DER1	0.0038	0.0014	-0.0002	0.0001	0.0008	0.0000
NE+3.45	23	DER2	0.0040	-0.0015	-0.0002	0.0011	0.0008	0.0000
NE+3.45	23	DER3	-0.0046	-0.0014	-0.0003	0.0011	-0.0015	0.0000
NE+3.45	23	DER4	-0.0047	0.0015	-0.0003	0.0001	-0.0015	0.0000
NE+3.45	23	DER5	0.0007	0.0048	-0.0002	-0.0010	-0.0001	0.0000
NE+3.45	23	DER6	-0.0019	0.0048	-0.0002	-0.0010	-0.0007	0.0000
NE+3.45	23	DER7	-0.0015	-0.0048	-0.0003	0.0022	-0.0007	0.0000
NE+3.45	23	DER8	0.0011	-0.0048	-0.0003	0.0022	0.0000	0.0000
NE+3.45	23	DER9	0.0040	0.0014	-0.0002	-0.0002	0.0008	0.0000
NE+3.45	23	DER10	0.0041	-0.0015	-0.0002	0.0007	0.0009	0.0000
NE+3.45	23	DER11	-0.0045	-0.0014	-0.0002	0.0007	-0.0014	0.0000
NE+3.45	23	DER12	-0.0046	0.0015	-0.0002	-0.0003	-0.0014	0.0000
NE+3.45	23	DER13	0.0008	0.0048	-0.0002	-0.0014	0.0000	0.0000
NE+3.45	23	DER14	-0.0017	0.0048	-0.0002	-0.0014	-0.0007	0.0000
NE+3.45	23	DER15	-0.0014	-0.0048	-0.0002	0.0019	-0.0006	0.0000
NE+3.45	23	DER16	0.0012	-0.0048	-0.0002	0.0019	0.0001	0.0000
NE+3.45	24	DER1	0.0038	0.0013	-0.0002	0.0001	0.0010	0.0000
NE+3.45	24	DER2	0.0040	-0.0015	-0.0002	0.0010	0.0010	0.0000
NE+3.45	24	DER3	-0.0046	-0.0013	-0.0002	0.0010	-0.0012	0.0000
NE+3.45	24	DER4	-0.0047	0.0015	-0.0002	0.0000	-0.0012	0.0000
NE+3.45	24	DER5	0.0007	0.0046	-0.0002	-0.0010	0.0002	0.0000
NE+3.45	24	DER6	-0.0019	0.0047	-0.0002	-0.0010	-0.0004	0.0000
NE+3.45	24	DER7	-0.0015	-0.0046	-0.0002	0.0020	-0.0004	0.0000
NE+3.45	24	DER8	0.0011	-0.0047	-0.0002	0.0021	0.0003	0.0000
NE+3.45	24	DER9	0.0040	0.0013	-0.0002	-0.0002	0.0010	0.0000
NE+3.45	24	DER10	0.0041	-0.0015	-0.0002	0.0007	0.0011	0.0000
NE+3.45	24	DER11	-0.0045	-0.0013	-0.0002	0.0006	-0.0011	0.0000
NE+3.45	24	DER12	-0.0046	0.0015	-0.0002	-0.0003	-0.0012	0.0000
NE+3.45	24	DER13	0.0008	0.0046	-0.0002	-0.0013	0.0002	0.0000
NE+3.45	24	DER14	-0.0017	0.0047	-0.0002	-0.0013	-0.0004	0.0000
NE+3.45	24	DER15	-0.0014	-0.0046	-0.0002	0.0017	-0.0003	0.0000
NE+3.45	24	DER16	0.0012	-0.0047	-0.0002	0.0017	0.0003	0.0000
NE+3.45	25	DER1	0.0038	0.0013	-0.0002	0.0002	0.0009	0.0000
NE+3.45	25	DER2	0.0040	-0.0014	-0.0002	0.0011	0.0010	0.0000
NE+3.45	25	DER3	-0.0046	-0.0012	-0.0002	0.0011	-0.0012	0.0000
NE+3.45	25	DER4	-0.0047	0.0015	-0.0002	0.0002	-0.0012	0.0000
NE+3.45	25	DER5	0.0007	0.0045	-0.0002	-0.0008	0.0002	0.0000
NE+3.45	25	DER6	-0.0019	0.0045	-0.0002	-0.0008	-0.0005	0.0000
NE+3.45	25	DER7	-0.0015	-0.0045	-0.0002	0.0021	-0.0004	0.0000
NE+3.45	25	DER8	0.0011	-0.0045	-0.0002	0.0021	0.0002	0.0000
NE+3.45	25	DER9	0.0040	0.0013	-0.0002	-0.0001	0.0010	0.0000
NE+3.45	25	DER10	0.0041	-0.0014	-0.0002	0.0008	0.0010	0.0000
NE+3.45	25	DER11	-0.0045	-0.0012	-0.0002	0.0007	-0.0012	0.0000
NE+3.45	25	DER12	-0.0046	0.0015	-0.0002	-0.0002	-0.0012	0.0000

NE+3.45	49	DER13	0.0012	0.0050	-0.0003	-0.0019	0.0003	0.0000
NE+3.45	49	DER14	-0.0014	0.0050	-0.0003	-0.0019	-0.0004	0.0000
NE+3.45	49	DER15	-0.0018	-0.0050	-0.0002	0.0021	-0.0005	0.0000
NE+3.45	49	DER16	0.0008	-0.0050	-0.0002	0.0022	0.0002	0.0000
NE+3.45	50	DER1	0.0040	0.0014	-0.0002	-0.0011	0.0008	0.0000
NE+3.45	50	DER2	0.0039	-0.0015	-0.0002	-0.0001	0.0008	0.0000
NE+3.45	50	DER3	-0.0048	-0.0014	-0.0003	-0.0001	-0.0015	0.0000
NE+3.45	50	DER4	-0.0047	0.0015	-0.0003	-0.0011	-0.0015	0.0000
NE+3.45	50	DER5	0.0011	0.0048	-0.0003	-0.0022	0.0000	0.0000
NE+3.45	50	DER6	-0.0015	0.0048	-0.0003	-0.0022	-0.0007	0.0000
NE+3.45	50	DER7	-0.0019	-0.0048	-0.0002	0.0010	-0.0007	0.0000
NE+3.45	50	DER8	0.0007	-0.0048	-0.0002	0.0011	-0.0011	0.0000
NE+3.45	50	DER9	0.0041	0.0014	-0.0002	-0.0007	0.0009	0.0000
NE+3.45	50	DER10	0.0040	0.0015	-0.0002	0.0003	0.0009	0.0000
NE+3.45	50	DER11	-0.0047	-0.0014	-0.0002	0.0002	-0.0014	0.0000
NE+3.45	50	DER12	-0.0045	0.0015	-0.0002	-0.0007	-0.0014	0.0000
NE+3.45	50	DER13	0.0012	0.0048	-0.0002	-0.0019	0.0001	0.0000
NE+3.45	50	DER14	-0.0014	0.0048	-0.0002	-0.0019	-0.0006	0.0000
NE+3.45	50	DER15	-0.0018	-0.0048	-0.0002	0.0014	-0.0007	0.0000
NE+3.45	50	DER16	0.0008	-0.0048	-0.0002	0.0014	0.0000	0.0000
NE+3.45	51	DER1	0.0040	0.0013	-0.0002	-0.0010	0.0010	0.0000
NE+3.45	51	DER2	0.0039	-0.0015	-0.0002	0.0000	0.0010	0.0000
NE+3.45	51	DER3	-0.0048	-0.0013	-0.0002	-0.0001	-0.0012	0.0000
NE+3.45	51	DER4	-0.0047	0.0015	-0.0002	-0.0010	-0.0012	0.0000
NE+3.45	51	DER5	0.0011	0.0046	-0.0002	-0.0021	0.0003	0.0000
NE+3.45	51	DER6	-0.0015	0.0047	-0.0002	-0.0021	-0.0004	0.0000
NE+3.45	51	DER7	-0.0019	-0.0046	-0.0002	0.0010	-0.0004	0.0000
NE+3.45	51	DER8	0.0007	-0.0047	-0.0002	0.0010	0.0002	0.0000
NE+3.45	51	DER9	0.0041	0.0013	-0.0002	-0.0008	0.0011	0.0000
NE+3.45	51	DER10	0.0040	-0.0015	-0.0002	0.0003	0.0010	0.0000
NE+3.45	51	DER11	-0.0047	-0.0013	-0.0002	0.0002	-0.0012	0.0000
NE+3.45	51	DER12	-0.0045	0.0015	-0.0002	-0.0007	-0.0011	0.0000
NE+3.45	51	DER13	0.0012	0.0046	-0.0002	-0.0017	0.0003	0.0000
NE+3.45	51	DER14	-0.0014	0.0047	-0.0002	-0.0017	-0.0003	0.0000
NE+3.45	51	DER15	-0.0018	-0.0046	-0.0002	0.0013	-0.0004	0.0000
NE+3.45	51	DER16	0.0008	-0.0047	-0.0002	0.0014	0.0002	0.0000
NE+3.45	52	DER1	0.0040	0.0013	-0.0002	-0.0011	0.0010	0.0000
NE+3.45	52	DER2	0.0039	-0.0014	-0.0002	-0.0002	0.0010	0.0000
NE+3.45	52	DER3	-0.0048	-0.0012	-0.0002	-0.0002	-0.0012	0.0000
NE+3.45	52	DER4	-0.0047	0.0015	-0.0002	-0.0011	-0.0012	0.0000
NE+3.45	52	DER5	0.0011	0.0045	-0.0002	-0.0021	0.0002	0.0000
NE+3.45	52	DER6	-0.0015	0.0045	-0.0002	-0.0021	-0.0004	0.0000
NE+3.45	52	DER7	-0.0019	-0.0045	-0.0002	0.0008	-0.0005	0.0000
NE+3.45	52	DER8	0.0007	-0.0045	-0.0002	0.0008	0.0002	0.0000
NE+3.45	52	DER9	0.0041	0.0013	-0.0002	-0.0007	0.0010	0.0000
NE+3.45	52	DER10	0.0040	-0.0014	-0.0002	0.0002	0.0010	0.0000
NE+3.45	52	DER11	-0.0047	-0.0012	-0.0002	0.0001	-0.0012	0.0000
NE+3.45	52	DER12	-0.0045	0.0015	-0.0002	-0.0008	-0.0012	0.0000
NE+3.45	52	DER13	0.0012	0.0045	-0.0002	-0.0018	0.0003	0.0000
NE+3.45	52	DER14	-0.0014	0.0045	-0.0002	-0.0018	-0.0004	0.0000
NE+3.45	52	DER15	-0.0018	-0.0045	-0.0002	0.0012	-0.0005	0.0000
NE+3.45	52	DER16	0.0008	-0.0045	-0.0002	0.0012	0.0002	0.0000
NE+3.45	53	DER1	0.0040	0.0012	-0.0002	-0.0006	0.0009	0.0000
NE+3.45	53	DER2	0.0039	-0.0014	-0.0002	0.0002	0.0009	0.0000
NE+3.45	53	DER3	-0.0048	-0.0012	-0.0001	0.0002	-0.0018	0.0000
NE+3.45	53	DER4	-0.0047	0.0014	-0.0001	-0.0007	-0.0018	0.0000
NE+3.45	53	DER5	0.0011	0.0043	-0.0002	-0.0017	0.0000	0.0000
NE+3.45	53	DER6	-0.0015	0.0044	-0.0002	-0.0017	-0.0008	0.0000
NE+3.45	53	DER7	-0.0019	-0.0043	-0.0001	0.0012	-0.0009	0.0000
NE+3.45	53	DER8	0.0007	-0.0044	-0.0001	0.0012	-0.0001	0.0000
NE+3.45	53	DER9	0.0041	0.0012	-0.0002	-0.0005	0.0010	0.0000
NE+3.45	53	DER10	0.0040	-0.0014	-0.0002	0.0004	0.0010	0.0000
NE+3.45	53	DER11	-0.0047	-0.0012	-0.0001	0.0003	-0.0017	0.0000
NE+3.45	53	DER12	-0.0045	0.0014	-0.0001	-0.0005	-0.0017	0.0000
NE+3.45	53	DER13	0.0012	0.0043	-0.0002	-0.0015	0.0001	0.0000
NE+3.45	53	DER14	-0.0014	0.0044	-0.0001	-0.0015	-0.0007	0.0000
NE+3.45	53	DER15	-0.0018	-0.0043	-0.0001	0.0013	-0.0008	0.0000
NE+3.45	53	DER16	0.0008	-0.0044	-0.0001	0.0013	0.0000	0.0000

2.5 VERIFICACIÓN TORSIÓN ACCIDENTAL

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO X)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	15	0.01988	42	0.02019	0.02019	0.02404	NO TORSION
NE+3.45	15	0.01832	42	0.01747	0.01832	0.02148	NO TORSION

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO Y)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	15	0.03002	42	0.03009	0.03009	0.03607	NO TORSION
NE+3.45	15	0.02152	42	0.02128	0.02152	0.02568	NO TORSION

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO X)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	26	0.01783	53	0.01783	0.01783	0.02139	NO TORSION
NE+3.45	26	0.01590	53	0.01632	0.01632	0.01933	NO TORSION

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO Y)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	26	0.01747	53	0.01734	0.01747	0.02089	NO TORSION
NE+3.45	26	0.01510	53	0.01475	0.01510	0.01791	NO TORSION

3 DISEÑO DE LA ESTRUCTURA

3.1 DISEÑO DE VIGAS Y COLUMNAS

Story	Label	Design Sect	Station m	AsTopComb o	AsMinTop cm²	AsTop cm²	AsBot Combo	AsMinBot cm²	AsBot cm²	VCombo	VRebar cm²/m	TLng Combo	TLngRebar cm²	TTrn Combo	TTrnRebar cm²/m	WarnMsg	ErrMsg
NE+6.80	B1	V15X35	0.000	COMB1	0.100	0.100	COMB8	0.100	0.100	COMB18	0.000	COMB16	1.800	COMB1	1.500	No Message	No Message
NE+6.80	B1	V15X35	1.090	COMB1	1.000	1.000	COMB1	0.600	0.600	COMB18	0.000	COMB16	1.800	COMB1	1.500	No Message	No Message
NE+6.80	B1	V15X35	2.180	COMB1	1.500	2.200	COMB1	0.900	0.900	COMB18	0.000	COMB16	1.800	COMB1	1.500	No Message	No Message
NE+6.80	B2	V15X35	0.000	COMB1	1.500	2.300	COMB1	1.000	1.000	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B2	V15X35	2.260	COMB1	0.600	0.600	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B2	V15X35	4.520	COMB1	1.500	1.600	COMB1	0.700	0.700	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B3	V15X35	0.000	COMB1	1.500	1.700	COMB1	0.700	0.700	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B3	V15X35	2.175	COMB1	0.500	0.500	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B3	V15X35	4.350	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B4	V15X35	0.000	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B4	V15X35	2.260	COMB1	0.500	0.500	COMB2	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B4	V15X35	4.520	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B5	V15X35	0.000	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B5	V15X35	2.175	COMB1	0.500	0.500	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B5	V15X35	4.350	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B6	V15X35	0.000	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B6	V15X35	2.260	COMB1	0.500	0.500	COMB2	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B6	V15X35	4.520	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B7	V15X35	0.000	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B7	V15X35	2.175	COMB1	0.500	0.500	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B7	V15X35	4.350	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B8	V15X35	0.000	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B8	V15X35	2.260	COMB1	0.500	0.500	COMB2	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B8	V15X35	4.520	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B9	V15X35	0.000	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B9	V15X35	2.175	COMB1	0.500	0.500	COMB2	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B9	V15X35	4.350	COMB10	1.500	1.500	COMB1	0.600	0.600	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B10	V15X35	0.000	COMB9	1.500	1.500	COMB1	0.600	0.600	COMB10	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B10	V15X35	1.675	COMB1	0.400	0.400	COMB2	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B10	V15X35	3.350	COMB1	1.400	1.400	COMB1	0.500	0.500	COMB10	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B11	V15X35	0.000	COMB1	1.500	1.500	COMB1	0.500	0.500	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B11	V15X35	1.700	COMB1	0.300	0.300	COMB2	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B11	V15X35	3.400	COMB1	1.000	1.000	COMB1	0.400	0.400	COMB10	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B12	V15X35	0.000	COMB1	1.000	1.000	COMB1	0.300	0.300	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B12	V15X35	1.700	COMB1	0.200	0.200	COMB1	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B12	V15X35	3.400	COMB1	0.400	0.400	COMB1	0.100	0.100	COMB10	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B13	V15X35	0.000	COMB1	0.200	0.200	COMB4	0.100	0.100	COMB18	0.000	COMB13	1.800	COMB1	1.400	No Message	No Message
NE+6.80	B13	V15X35	1.090	COMB1	0.600	0.600	COMB1	0.500	0.500	COMB18	0.000	COMB13	1.800	COMB1	1.400	No Message	No Message
NE+6.80	B13	V15X35	2.180	COMB1	1.500	2.000	COMB1	0.900	0.900	COMB16	1.300	COMB13	1.800	COMB1	1.400	No Message	No Message
NE+6.80	B14	V30X35	0.000	COMB17	0.037	0.037	COMB9	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B14	V30X35	0.978	COMB1	3.100	4.300	COMB1	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B14	V30X35	1.955	COMB1	3.100	10.300	COMB1	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B15	V30X35	0.000	COMB18	0.033	0.033	COMB10	0.036	0.036	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B15	V30X35	0.978	COMB1	3.100	4.600	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B15	V30X35	1.955	COMB1	3.100	10.400	COMB1	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B16	V30X35	0.000	COMB17	0.043	0.043	COMB9	0.047	0.047	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B16	V30X35	0.978	COMB1	3.100	4.800	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B16	V30X35	1.955	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B17	V30X35	0.000	COMB10	0.034	0.034	COMB10	0.033	0.033	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B17	V30X35	0.978	COMB1	3.100	4.800	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B17	V30X35	1.955	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B18	V30X35	0.000	COMB17	0.043	0.043	COMB17	0.043	0.043	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B18	V30X35	0.978	COMB1	3.100	4.800	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B18	V30X35	1.955	COMB1	3.100	10.700	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B19	V30X35	0.000	COMB10	0.034	0.034	COMB10	0.034	0.034	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B19	V30X35	0.978	COMB1	3.100	4.800	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B19	V30X35	1.955	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B20	V30X35	0.000	COMB17	0.043	0.043	COMB17	0.043	0.043	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B20	V30X35	0.978	COMB1	3.100	4.800	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B20	V30X35	1.955	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B21	V30X35	0.000	COMB10	0.033	0.033	COMB10	0.100	0.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B21	V30X35	0.978	COMB1	3.100	4.800	COMB1	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B21	V30X35	1.955	COMB1	3.100	10.900	COMB1	3.100	3.300	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B22	V30X35	0.000	COMB10	0.038	0.038	COMB18	0.036	0.036	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B22	V30X35	0.978	COMB1	3.100	4.100	COMB1	2.200	2.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B22	V30X35	1.955	COMB1	3.100	9.200	COMB10	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B23	V30X35	0.000	COMB9	0.046	0.046	COMB9	0.036	0.036	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B23	V30X35	0.978	COMB1	3.100	3.700	COMB1	2.000	2.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B23	V30X35	1.955	COMB1	3.100	8.100	COMB1	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B24	V30X35	0.000	COMB18	0.030	0.030	COMB9	0.100	0.100	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B24	V30X35	0.978	COMB1	3.100	3.700	COMB1	2.000	2.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B24	V30X35	1.955	COMB1	3.100	8.200	COMB2	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B25	V30X35	0.000	COMB9	0.100	0.100	COMB9	0.040	0.040	COMB6	0.800	COMB10	3.600	COMB1	1.000	No Message	No Message
NE+6.80	B25	V30X35	0.978	COMB1	2.600	2.600	COMB1	1.200	1.200	COMB6	0.800	COMB10	3.600	COMB1	1.000	No Message	No Message
NE+6.80	B25	V30X35	1.955	COMB1	3.100	4.800	COMB1	2.100	2.100	COMB6	0.800	COMB10	3.600	COMB1	1.000	No Message	No Message
NE+6.80	B26	V30X35	0.000	COMB13	0.034	0.034	COMB5	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B26	V30X35	0.978	COMB1	3.100	4.300	COMB1	2.300	2.300	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B26	V30X35	1.955	COMB1	3.100	9.800	COMB10	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B27	V30X35	0.225	COMB9	3.100	3.100	COMB5	1.700	1.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B27	V30X35	2.260	COMB5	1.300	1.300	COMB5	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B27	V30X35	4.295	COMB4	1.300	1.300	COMB4	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B28	V30X35	0.225	COMB6	2.300	2.300	COMB5	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B28	V30X35	2.175	COMB5	0.900	0.900	COMB2	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B28	V30X35	4.125	COMB4	1.500	1.500	COMB4	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B29	V30X35	0.225	COMB6	2.300	2.300	COMB5	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B29	V30X35	2.260	COMB5	0.800	0.800	COMB2	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B29	V30X35	4.295	COMB4	1.500	1.500	COMB4	0.700	0.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+6.80	B30	V30X35	0.225	COMB6	2.100	2.100	COMB6	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B30	V30X35	2.175	COMB6	0.800	0.800	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B30	V30X35	4.125	COMB4	1.400	1.400	COMB4	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B31	V30X35	0.225	COMB6	2.100	2.100	COMB6	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B31	V30X35	2.260	COMB6	0.700	0.700	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B31	V30X35	4.295	COMB4	1.300	1.300	COMB4	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B32	V30X35	0.225	COMB6	2.000	2.000	COMB6	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B32	V30X35	2.175	COMB6	0.600	0.600	COMB2	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B32	V30X35	4.125	COMB4	1.200	1.200	COMB3	0.500	0.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B33	V30X35	0.225	COMB6	2.000	2.000	COMB6	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B33	V30X35	2.260	COMB6	0.500	0.500	COMB2	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B33	V30X35	4.295	COMB4	1.200	1.200	COMB3	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B34	V30X35	0.225	COMB6	1.800	1.800	COMB6	0.700	0.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B34	V30X35	2.175	COMB6	0.400	0.400	COMB2	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B34	V30X35	4.125	COMB4	1.100	1.100	COMB3	0.300	0.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B35	V30X35	0.225	COMB6	1.500	1.500	COMB6	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B35	V30X35	1.675	COMB6	0.400	0.400	COMB5	0.500	0.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B35	V30X35	3.125	COMB4	0.700	0.700	COMB14	0.500	0.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B36	V30X35	0.225	COMB6	1.400	1.400	COMB6	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B36	V30X35	1.700	COMB5	0.300	0.300	COMB1	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B36	V30X35	3.175	COMB4	0.600	0.600	COMB14	0.300	0.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B37	V30X35	0.225	COMB6	1.200	1.200	COMB6	0.300	0.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B37	V30X35	1.700	COMB6	0.100	0.100	COMB1	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B37	V30X35	3.175	COMB12	0.600	0.600	COMB14	0.300	0.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B38	V15X35	0.000	COMB1	1.500	2.000	COMB1	0.900	0.900	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B38	V15X35	2.075	COMB1	0.500	0.500	COMB2	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B38	V15X35	4.150	COMB10	1.500	1.500	COMB1	0.600	0.600	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B39	V30X35	0.225	COMB9	3.100	3.200	COMB9	2.000	2.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B39	V30X35	2.075	COMB9	1.600	1.600	COMB2	2.200	2.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B39	V30X35	3.925	COMB8	3.000	3.000	COMB8	1.600	1.600	COMB8	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B40	V30X35	0.225	COMB10	3.100	4.200	COMB2	2.200	2.200	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B40	V30X35	2.188	COMB2	1.500	1.500	COMB2	1.500	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B40	V30X35	4.150	COMB2	0.500	0.500	COMB2	2.400	2.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B41	V30X35	0.225	COMB10	3.100	3.100	COMB9	1.900	1.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B41	V30X35	2.075	COMB9	1.500	1.500	COMB2	1.800	1.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B41	V30X35	3.925	COMB7	2.300	2.300	COMB7	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B42	V30X35	0.225	COMB9	3.100	4.300	COMB2	2.300	2.300	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B42	V30X35	2.188	COMB2	1.600	1.600	COMB2	1.600	1.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B42	V30X35	4.150	COMB2	0.500	0.500	COMB2	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B43	V30X35	0.225	COMB10	3.100	3.100	COMB9	1.900	1.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B43	V30X35	2.075	COMB9	1.500	1.500	COMB2	1.800	1.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B43	V30X35	3.925	COMB7	2.200	2.200	COMB7	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B44	V30X35	0.225	COMB9	3.100	4.300	COMB2	2.300	2.300	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B44	V30X35	2.188	COMB2	1.600	1.600	COMB2	1.600	1.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B44	V30X35	4.150	COMB2	0.600	0.600	COMB2	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B45	V30X35	0.225	COMB10	3.100	3.100	COMB9	1.900	1.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B45	V30X35	2.075	COMB9	1.500	1.500	COMB2	1.800	1.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B45	V30X35	3.925	COMB8	2.200	2.200	COMB8	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B46	V30X35	0.225	COMB2	3.100	4.300	COMB2	2.300	2.300	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B46	V30X35	2.188	COMB2	1.600	1.600	COMB2	1.600	1.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B46	V30X35	4.150	COMB2	0.600	0.600	COMB2	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B47	V30X35	0.225	COMB10	3.100	3.100	COMB10	1.700	1.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B47	V30X35	2.075	COMB10	1.300	1.300	COMB2	1.700	1.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B47	V30X35	3.925	COMB7	2.000	2.000	COMB7	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B48	V30X35	0.225	COMB10	3.000	3.000	COMB10	1.500	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B48	V30X35	2.075	COMB10	1.200	1.200	COMB2	1.600	1.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B48	V30X35	3.925	COMB8	1.900	1.900	COMB8	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B49	V30X35	0.225	COMB10	2.900	2.900	COMB10	1.500	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B49	V30X35	2.075	COMB10	1.200	1.200	COMB2	1.700	1.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B49	V30X35	3.925	COMB8	2.000	2.000	COMB8	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B50	V30X35	0.225	COMB9	2.400	2.400	COMB9	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B50	V30X35	2.075	COMB9	0.800	0.800	COMB2	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B50	V30X35	3.925	COMB8	1.800	1.800	COMB8	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B51	V30X35	0.000	COMB13	0.036	0.036	COMB13	0.035	0.035	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B51	V30X35	0.978	COMB1	3.100	4.300	COMB1	2.300	2.300	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B51	V30X35	1.955	COMB1	3.100	9.500	COMB10	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B52	V30X35	0.225	COMB2	3.100	3.500	COMB6	1.800	1.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B52	V30X35	2.373	COMB6	1.300	1.300	COMB6	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B52	V30X35	4.520	COMB5	0.400	0.400	COMB2	3.000	3.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B53	V30X35	0.000	COMB5	0.400	0.400	COMB2	3.000	3.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B53	V30X35	2.063	COMB2	0.900	0.900	COMB5	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B53	V30X35	4.125	COMB2	3.100	3.100	COMB2	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B54	V30X35	0.225	COMB10	3.100	3.100	COMB6	1.500	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B54	V30X35	2.373	COMB6	1.000	1.000	COMB6	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B54	V30X35	4.520	COMB5	0.300	0.300	COMB2	2.800	2.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B55	V30X35	0.000	COMB5	0.300	0.300	COMB2	2.800	2.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B55	V30X35	2.063	COMB6	0.800	0.800	COMB5	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B55	V30X35	4.125	COMB2	3.100	3.100	COMB2	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B56	V30X35	0.225	COMB10	3.100	3.100	COMB6	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B56	V30X35	2.373	COMB6	0.900	0.900	COMB6	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B56	V30X35	4.520	COMB5	0.200	0.200	COMB2	2.700	2.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B57	V30X35	0.000	COMB5	0.200	0.200	COMB2	2.700	2.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B57	V30X35	2.063	COMB6	0.700	0.700	COMB5	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B57	V30X35	4.125	COMB2	3.100	3.100	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B58	V30X35	0.225	COMB9	3.100	3.100	COMB6	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B58	V30X35	2.373	COMB6	0.800	0.800	COMB6	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B58	V30X35	4.520	COMB13	0.200	0.200	COMB2	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B59	V30X35	0.000	COMB13	0.200	0.200	COMB2	2.500	2.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B59	V30X35	2.063	COMB6	0.700	0.700	COMB6	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B59	V30X35	4.125	COMB2	3.000	3.000	COMB6	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B60	V30X35	0.225	COMB6	1.600	1.600	COMB5	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B60	V30X35	1.675	COMB5	0.700	0.700	COMB5	0.700	0.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B60	V30X35	3.125	COMB5	0.400	0.400	COMB5	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B61	V30X35	0.225	COMB5	1.300	1.300	COMB5	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B61	V30X35	1.700	COMB5	0.400	0.400	COMB5	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B61	V30X35	3.175	COMB12	0.300	0.300	COMB5	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+6.80	B62	V30X35	0.225	COMB5	1.100	1.100	COMB5	0.300	0.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B62	V30X35	1.700	COMB5	0.200	0.200	COMB5	0.200	0.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B62	V30X35	3.175	COMB11	0.400	0.400	COMB5	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B63	V15X35	0.000	COMB10	1.500	1.500	COMB1	0.600	0.600	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B63	V15X35	2.155	COMB1	0.600	0.600	COMB2	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B63	V15X35	4.310	COMB1	1.500	2.100	COMB1	0.900	0.900	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B64	V30X35	0.225	COMB10	3.100	3.100	COMB9	1.600	1.600	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B64	V30X35	2.155	COMB8	1.600	1.600	COMB2	2.300	2.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B64	V30X35	4.085	COMB8	3.100	3.300	COMB8	2.000	2.000	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B65	V30X35	0.000	COMB2	0.500	0.500	COMB2	2.400	2.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B65	V30X35	2.043	COMB2	1.600	1.600	COMB10	1.600	1.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B65	V30X35	4.085	COMB7	3.100	4.200	COMB2	2.200	2.200	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B66	V30X35	0.225	COMB9	2.300	2.300	COMB9	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B66	V30X35	2.155	COMB7	1.500	1.500	COMB2	1.900	1.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B66	V30X35	4.085	COMB8	3.100	3.100	COMB7	1.900	1.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B67	V30X35	0.000	COMB2	0.600	0.600	COMB2	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B67	V30X35	2.043	COMB2	1.600	1.600	COMB2	1.600	1.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B67	V30X35	4.085	COMB7	3.100	4.400	COMB2	2.300	2.300	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B68	V30X35	0.225	COMB9	2.300	2.300	COMB9	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B68	V30X35	2.155	COMB7	1.500	1.500	COMB2	1.900	1.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B68	V30X35	4.085	COMB8	3.100	3.100	COMB7	1.900	1.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B69	V30X35	0.000	COMB2	0.600	0.600	COMB2	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B69	V30X35	2.043	COMB2	1.600	1.600	COMB2	1.600	1.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B69	V30X35	4.085	COMB2	3.100	4.300	COMB2	2.300	2.300	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B70	V30X35	0.225	COMB10	2.200	2.200	COMB9	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B70	V30X35	2.155	COMB8	1.500	1.500	COMB2	1.900	1.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B70	V30X35	4.085	COMB8	3.100	3.100	COMB8	1.900	1.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B71	V30X35	0.000	COMB2	0.600	0.600	COMB2	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B71	V30X35	2.043	COMB2	1.600	1.600	COMB2	1.600	1.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B71	V30X35	4.085	COMB2	3.100	4.400	COMB2	2.300	2.300	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B72	V30X35	0.225	COMB10	2.100	2.100	COMB10	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B72	V30X35	2.155	COMB7	1.300	1.300	COMB2	1.800	1.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B72	V30X35	4.085	COMB8	3.100	3.100	COMB7	1.700	1.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B73	V30X35	0.225	COMB10	2.000	2.000	COMB10	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B73	V30X35	2.155	COMB8	1.200	1.200	COMB2	1.700	1.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B73	V30X35	4.085	COMB8	3.100	3.100	COMB8	1.500	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B74	V30X35	0.225	COMB10	2.000	2.000	COMB10	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B74	V30X35	2.155	COMB8	1.200	1.200	COMB2	1.800	1.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B74	V30X35	4.085	COMB8	3.000	3.000	COMB8	1.500	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B75	V30X35	0.225	COMB9	1.900	1.900	COMB9	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B75	V30X35	2.155	COMB8	0.800	0.800	COMB2	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B75	V30X35	4.085	COMB8	2.500	2.500	COMB8	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B76	V30X35	0.000	COMB14	0.034	0.034	COMB6	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B76	V30X35	0.978	COMB1	3.100	4.400	COMB1	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B76	V30X35	1.955	COMB1	3.100	10.000	COMB10	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B77	V30X35	0.225	COMB9	3.100	3.100	COMB6	1.700	1.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B77	V30X35	2.260	COMB6	1.300	1.300	COMB6	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B77	V30X35	4.295	COMB3	1.300	1.300	COMB3	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B78	V30X35	0.225	COMB5	2.300	2.300	COMB6	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B78	V30X35	2.175	COMB6	0.900	0.900	COMB2	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B78	V30X35	4.125	COMB3	1.500	1.500	COMB3	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B79	V30X35	0.225	COMB5	2.300	2.300	COMB6	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B79	V30X35	2.260	COMB6	0.900	0.900	COMB2	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B79	V30X35	4.295	COMB3	1.500	1.500	COMB3	0.700	0.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B80	V30X35	0.225	COMB5	2.200	2.200	COMB5	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B80	V30X35	2.175	COMB6	0.800	0.800	COMB2	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B80	V30X35	4.125	COMB3	1.400	1.400	COMB3	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B81	V30X35	0.225	COMB5	2.100	2.100	COMB5	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B81	V30X35	2.260	COMB5	0.700	0.700	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B81	V30X35	4.295	COMB3	1.300	1.300	COMB3	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B82	V30X35	0.225	COMB5	2.000	2.000	COMB5	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B82	V30X35	2.175	COMB5	0.600	0.600	COMB2	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B82	V30X35	4.125	COMB3	1.200	1.200	COMB4	0.500	0.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B83	V30X35	0.225	COMB5	2.000	2.000	COMB5	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B83	V30X35	2.260	COMB5	0.500	0.500	COMB2	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B83	V30X35	4.295	COMB3	1.200	1.200	COMB4	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B84	V30X35	0.225	COMB5	1.800	1.800	COMB5	0.700	0.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B84	V30X35	2.175	COMB5	0.400	0.400	COMB2	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B84	V30X35	4.125	COMB3	1.100	1.100	COMB4	0.300	0.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B85	V30X35	0.225	COMB5	1.500	1.500	COMB5	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B85	V30X35	1.675	COMB5	0.400	0.400	COMB6	0.500	0.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B85	V30X35	3.125	COMB3	0.700	0.700	COMB13	0.500	0.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B86	V30X35	0.225	COMB5	1.400	1.400	COMB5	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B86	V30X35	1.700	COMB6	0.300	0.300	COMB1	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B86	V30X35	3.175	COMB3	0.600	0.600	COMB13	0.300	0.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B87	V30X35	0.225	COMB5	1.200	1.200	COMB5	0.300	0.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B87	V30X35	1.700	COMB5	0.100	0.100	COMB1	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B87	V30X35	3.175	COMB11	0.600	0.600	COMB13	0.300	0.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B88	V15X35	0.000	COMB1	1.500	2.100	COMB1	0.900	0.900	COMB18	1.300	COMB11	1.800	COMB1	1.400	No Message	No Message
NE+6.80	B88	V15X35	1.090	COMB1	0.600	0.600	COMB1	0.500	0.500	COMB18	0.000	COMB11	1.800	COMB1	1.400	No Message	No Message
NE+6.80	B88	V15X35	2.180	COMB1	0.200	0.200	COMB3	0.100	0.100	COMB18	0.000	COMB11	1.800	COMB1	1.400	No Message	No Message
NE+6.80	B89	V30X35	0.225	COMB1	3.100	10.300	COMB1	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B89	V30X35	1.203	COMB1	3.100	4.300	COMB1	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B89	V30X35	2.180	COMB16	0.037	0.037	COMB8	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B90	V30X35	0.225	COMB1	3.100	10.400	COMB1	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B90	V30X35	1.203	COMB1	3.100	4.600	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B90	V30X35	2.180	COMB15	0.033	0.033	COMB7	0.036	0.036	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B91	V30X35	0.225	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B91	V30X35	1.203	COMB1	3.100	4.800	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B91	V30X35	2.180	COMB16	0.043	0.043	COMB8	0.047	0.047	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B92	V30X35	0.225	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B92	V30X35	1.203	COMB1	3.100	4.800	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B92	V30X35	2.180	COMB7	0.033	0.033	COMB7	0.033	0.033	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B93	V30X35	0.225	COMB1	3.100	10.700	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B93	V30X35	1.203	COMB1	3.100	4.800	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B93	V30X35	2.180	COMB16	0.043	0.043	COMB16	0.043	0.043	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+6.80	B94	V30X35	0.225	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B94	V30X35	1.203	COMB1	3.100	4.800	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B94	V30X35	2.180	COMB7	0.034	0.034	COMB7	0.033	0.033	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B95	V30X35	0.225	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B95	V30X35	1.203	COMB1	3.100	4.800	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B95	V30X35	2.180	COMB16	0.043	0.043	COMB16	0.043	0.043	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B96	V30X35	0.225	COMB1	3.100	10.900	COMB1	3.100	3.300	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B96	V30X35	1.203	COMB1	3.100	4.800	COMB1	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B96	V30X35	2.180	COMB7	0.033	0.033	COMB7	0.100	0.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B97	V30X35	0.225	COMB1	3.100	9.200	COMB10	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B97	V30X35	1.203	COMB1	3.100	4.100	COMB1	2.200	2.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B97	V30X35	2.180	COMB7	0.038	0.038	COMB15	0.037	0.037	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B98	V30X35	0.225	COMB1	3.100	8.100	COMB1	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B98	V30X35	1.203	COMB1	3.100	3.700	COMB1	2.000	2.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B98	V30X35	2.180	COMB8	0.046	0.046	COMB8	0.036	0.036	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B99	V30X35	0.225	COMB1	3.100	8.200	COMB2	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B99	V30X35	1.203	COMB1	3.100	3.700	COMB1	2.000	2.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B99	V30X35	2.180	COMB15	0.030	0.030	COMB8	0.100	0.100	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B100	V30X35	0.225	COMB1	3.100	4.800	COMB1	2.100	2.100	COMB5	0.800	COMB10	3.600	COMB1	1.000	No Message	No Message
NE+6.80	B100	V30X35	1.203	COMB1	2.600	2.600	COMB1	1.200	1.200	COMB5	0.800	COMB10	3.600	COMB1	1.000	No Message	No Message
NE+6.80	B100	V30X35	2.180	COMB8	0.100	0.100	COMB8	0.040	0.040	COMB5	0.800	COMB10	3.600	COMB1	1.000	No Message	No Message
NE+6.80	B101	V15X35	0.000	COMB1	0.200	0.200	COMB9	0.100	0.100	COMB18	0.000	COMB18	1.800	COMB1	1.500	No Message	No Message
NE+6.80	B101	V15X35	1.090	COMB1	1.000	1.000	COMB1	0.600	0.600	COMB18	0.000	COMB18	1.800	COMB1	1.500	No Message	No Message
NE+6.80	B101	V15X35	2.180	COMB1	1.500	2.200	COMB1	0.900	0.900	COMB18	0.000	COMB18	1.800	COMB1	1.500	No Message	No Message
NE+6.80	B102	V15X35	0.000	COMB1	1.500	2.300	COMB1	1.000	1.000	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B102	V15X35	2.260	COMB1	0.600	0.600	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B102	V15X35	4.520	COMB1	1.500	1.600	COMB1	0.700	0.700	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B103	V15X35	0.000	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B103	V15X35	2.175	COMB1	0.500	0.500	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B103	V15X35	4.350	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B104	V15X35	0.000	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B104	V15X35	2.260	COMB1	0.500	0.500	COMB2	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B104	V15X35	4.520	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B105	V15X35	0.000	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B105	V15X35	2.175	COMB1	0.500	0.500	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B105	V15X35	4.350	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B106	V15X35	0.000	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B106	V15X35	2.260	COMB1	0.500	0.500	COMB2	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B106	V15X35	4.520	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B107	V15X35	0.000	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B107	V15X35	2.175	COMB1	0.500	0.500	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B107	V15X35	4.350	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B108	V15X35	0.000	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B108	V15X35	2.260	COMB1	0.500	0.500	COMB2	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B108	V15X35	4.520	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B109	V15X35	0.000	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B109	V15X35	2.175	COMB1	0.500	0.500	COMB2	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B109	V15X35	4.350	COMB10	1.500	1.500	COMB1	0.600	0.600	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B110	V15X35	0.000	COMB9	1.500	1.500	COMB1	0.600	0.600	COMB10	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B110	V15X35	1.675	COMB1	0.400	0.400	COMB2	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B110	V15X35	3.350	COMB1	1.400	1.400	COMB1	0.500	0.500	COMB10	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B111	V15X35	0.000	COMB1	1.500	1.500	COMB1	0.500	0.500	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B111	V15X35	1.700	COMB1	0.300	0.300	COMB2	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B111	V15X35	3.400	COMB1	1.000	1.000	COMB1	0.400	0.400	COMB10	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B112	V15X35	0.000	COMB1	1.000	1.000	COMB1	0.300	0.300	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B112	V15X35	1.700	COMB1	0.200	0.200	COMB1	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B112	V15X35	3.400	COMB1	0.400	0.400	COMB1	0.100	0.100	COMB10	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B1	V12X35	0.000	COMB9	0.000	0.000	COMB15	0.000	0.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B1	V12X35	1.090	COMB2	0.800	0.800	COMB2	0.800	0.800	COMB10	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B1	V12X35	2.180	COMB2	1.200	3.100	COMB2	1.200	1.200	COMB2	1.400	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B2	V12X35	0.000	COMB2	1.200	3.100	COMB2	1.200	1.200	COMB2	2.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B2	V12X35	2.260	COMB2	0.800	0.800	COMB2	1.200	2.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B2	V12X35	4.520	COMB2	1.200	2.800	COMB2	1.200	1.200	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B3	V12X35	0.000	COMB2	1.200	2.800	COMB2	1.200	1.200	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B3	V12X35	2.175	COMB2	0.700	0.700	COMB2	1.200	2.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B3	V12X35	4.350	COMB2	1.200	2.600	COMB2	1.100	1.100	COMB2	1.800	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B4	V12X35	0.000	COMB2	1.200	2.700	COMB2	1.100	1.100	COMB2	2.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B4	V12X35	2.260	COMB2	0.700	0.700	COMB2	1.200	2.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B4	V12X35	4.520	COMB2	1.200	2.900	COMB2	1.200	1.200	COMB2	2.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B5	V12X35	0.000	COMB2	1.200	2.900	COMB2	1.200	1.200	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B5	V12X35	2.175	COMB2	0.700	0.700	COMB2	1.200	2.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B5	V12X35	4.350	COMB2	1.200	2.600	COMB2	1.100	1.100	COMB2	1.800	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B6	V12X35	0.000	COMB2	1.200	2.700	COMB2	1.100	1.100	COMB2	2.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B6	V12X35	2.260	COMB2	0.700	0.700	COMB2	1.200	2.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B6	V12X35	4.520	COMB2	1.200	2.900	COMB2	1.200	1.200	COMB2	2.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B7	V12X35	0.000	COMB2	1.200	2.900	COMB2	1.200	1.200	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B7	V12X35	2.175	COMB2	0.700	0.700	COMB2	1.200	2.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B7	V12X35	4.350	COMB2	1.200	2.600	COMB2	1.100	1.100	COMB2	1.800	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B8	V12X35	0.000	COMB2	1.200	2.700	COMB2	1.100	1.100	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B8	V12X35	2.260	COMB2	0.700	0.700	COMB2	1.200	2.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B8	V12X35	4.520	COMB2	1.200	3.000	COMB2	1.200	1.200	COMB2	2.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B9	V12X35	0.000	COMB2	1.200	2.900	COMB2	1.200	1.200	COMB2	2.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B9	V12X35	2.175	COMB2	0.700	0.700	COMB2	1.200	2.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B9	V12X35	4.350	COMB2	1.200	2.100	COMB2	0.900	0.900	COMB2	1.700	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B10	V12X35	0.000	COMB2	1.200	1.900	COMB2	0.800	0.800	COMB2	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B10	V12X35	1.675	COMB2	0.500	0.500	COMB2	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B10	V12X35	3.350	COMB2	1.200	1.500	COMB2	0.700	0.700	COMB18	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B11	V12X35	0.000	COMB2	1.200	1.600	COMB2	0.700	0.700	COMB2	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B11	V12X35	1.700	COMB2	0.400	0.400	COMB2	1.200	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B11	V12X35	3.400	COMB2	1.200	1.500	COMB2	0.600	0.600	COMB18	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B12	V12X35	0.000	COMB2	1.200	1.500	COMB2	0.600	0.600	COMB2	1.200	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B12	V12X35	1.700	COMB2	0.400	0.400	COMB2	1.200	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B12	V12X35	3.400	COMB2	0.800	0.800	COMB2	0.300	0.300	COMB18	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B13	V12X35	0.000	COMB2	0.007	0.007	COMB2	0.000	0.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B13	V12X35	1.090	COMB2	0.900	0.900	COMB2	0.500	0.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B13	V12X35	2.180	COMB2	1.200	1.800	COMB2	0.800	0.800	COMB10	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+3.45	B14	V35X45	0.000	COMB11	0.000	0.000	COMB2	0.006	0.006	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B14	V35X45	0.978	COMB2	4.800	5.200	COMB2	2.800	2.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B14	V35X45	1.955	COMB2	4.800	11.200	COMB2	4.700	4.700	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B15	V35X45	0.000	COMB8	0.000	0.000	COMB8	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B15	V35X45	0.978	COMB2	4.800	5.400	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B15	V35X45	1.955	COMB2	4.800	11.800	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B16	V35X45	0.000	COMB18	0.000	0.000	COMB8	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B16	V35X45	0.978	COMB2	4.800	5.400	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B16	V35X45	1.955	COMB2	4.800	11.700	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B17	V35X45	0.000	COMB7	0.000	0.000	COMB7	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B17	V35X45	0.978	COMB2	4.800	5.500	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B17	V35X45	1.955	COMB2	4.800	12.000	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B18	V35X45	0.000	COMB18	0.000	0.000	COMB7	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B18	V35X45	0.978	COMB2	4.800	5.400	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B18	V35X45	1.955	COMB2	4.800	11.700	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B19	V35X45	0.000	COMB7	0.000	0.000	COMB7	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B19	V35X45	0.978	COMB2	4.800	5.500	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B19	V35X45	1.955	COMB2	4.800	12.000	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B20	V35X45	0.000	COMB18	0.000	0.000	COMB7	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B20	V35X45	0.978	COMB2	4.800	5.400	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B20	V35X45	1.955	COMB2	4.800	11.700	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B21	V35X45	0.000	COMB18	0.000	0.000	COMB2	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B21	V35X45	0.978	COMB2	4.800	5.600	COMB2	3.000	3.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B21	V35X45	1.955	COMB2	4.800	12.200	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B22	V35X45	0.000	COMB18	0.000	0.000	COMB2	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B22	V35X45	0.978	COMB10	4.800	4.800	COMB2	2.500	2.500	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B22	V35X45	1.955	COMB2	4.800	10.100	COMB2	4.200	4.200	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B23	V35X45	0.000	COMB2	0.006	0.006	COMB2	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B23	V35X45	0.978	COMB2	4.800	4.800	COMB2	2.200	2.200	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B23	V35X45	1.955	COMB2	4.800	8.800	COMB2	3.700	3.700	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B24	V35X45	0.000	COMB18	0.000	0.000	COMB2	0.018	0.018	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B24	V35X45	0.978	COMB2	4.800	4.800	COMB2	2.300	2.300	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B24	V35X45	1.955	COMB2	4.800	9.300	COMB2	3.900	3.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B25	V35X45	0.000	COMB2	0.016	0.016	COMB2	0.005	0.005	COMB6	0.700	COMB10	5.400	COMB2	1.400	No Message	No Message
NE+3.45	B25	V35X45	0.978	COMB2	2.700	2.700	COMB2	1.200	1.200	COMB6	0.700	COMB10	5.400	COMB2	1.400	No Message	No Message
NE+3.45	B25	V35X45	1.955	COMB10	4.800	4.800	COMB2	2.000	2.000	COMB6	0.700	COMB10	5.400	COMB2	1.400	No Message	No Message
NE+3.45	B26	V35X45	0.000	COMB15	0.000	0.000	COMB9	0.005	0.005	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B26	V35X45	0.978	COMB2	4.100	4.100	COMB2	2.400	2.400	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B26	V35X45	1.955	COMB2	4.800	9.500	COMB2	4.000	4.000	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B27	V35X45	0.225	COMB10	4.800	4.800	COMB6	2.000	2.000	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B27	V35X45	2.260	COMB6	1.200	1.200	COMB2	4.400	4.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B27	V35X45	4.295	COMB4	4.600	4.600	COMB4	1.500	1.500	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B28	V35X45	0.225	COMB6	4.800	4.800	COMB6	1.700	1.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B28	V35X45	2.175	COMB6	1.000	1.000	COMB2	4.100	4.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B28	V35X45	4.125	COMB4	4.400	4.400	COMB4	1.500	1.500	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B29	V35X45	0.225	COMB9	4.800	4.800	COMB6	1.800	1.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B29	V35X45	2.260	COMB6	1.100	1.100	COMB2	4.500	4.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B29	V35X45	4.295	COMB4	4.700	4.700	COMB4	1.500	1.500	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B30	V35X45	0.225	COMB6	4.800	4.800	COMB6	1.700	1.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B30	V35X45	2.175	COMB6	1.000	1.000	COMB2	4.100	4.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B30	V35X45	4.125	COMB4	4.500	4.500	COMB4	1.500	1.500	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B31	V35X45	0.225	COMB9	4.800	4.800	COMB6	1.800	1.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B31	V35X45	2.260	COMB6	1.100	1.100	COMB2	4.500	4.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B31	V35X45	4.295	COMB4	4.700	4.700	COMB4	1.500	1.500	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B32	V35X45	0.225	COMB6	4.800	4.800	COMB6	1.700	1.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B32	V35X45	2.175	COMB6	1.000	1.000	COMB2	4.100	4.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B32	V35X45	4.125	COMB4	4.500	4.500	COMB4	1.500	1.500	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B33	V35X45	0.225	COMB9	4.800	4.800	COMB6	1.800	1.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B33	V35X45	2.260	COMB6	1.100	1.100	COMB2	4.500	4.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B33	V35X45	4.295	COMB4	4.800	4.800	COMB4	1.600	1.600	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B34	V35X45	0.225	COMB8	4.800	4.800	COMB6	1.700	1.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B34	V35X45	2.175	COMB6	1.000	1.000	COMB2	4.200	4.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B34	V35X45	4.125	COMB4	4.100	4.100	COMB4	1.300	1.300	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B35	V35X45	0.225	COMB6	3.400	3.400	COMB6	1.100	1.100	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B35	V35X45	1.675	COMB6	0.700	0.700	COMB2	1.800	1.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B35	V35X45	3.125	COMB4	2.100	2.100	COMB4	0.700	0.700	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B36	V35X45	0.225	COMB6	3.300	3.300	COMB6	1.100	1.100	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B36	V35X45	1.700	COMB6	0.700	0.700	COMB2	2.400	2.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B36	V35X45	3.175	COMB4	2.700	2.700	COMB4	0.900	0.900	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B37	V35X45	0.225	COMB6	3.700	3.700	COMB6	1.200	1.200	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B37	V35X45	1.700	COMB6	0.700	0.700	COMB2	2.500	2.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B37	V35X45	3.175	COMB4	2.100	2.100	COMB4	0.700	0.700	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B38	V12X35	0.000	COMB2	1.200	1.400	COMB2	0.600	0.600	COMB10	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B38	V12X35	2.075	COMB2	0.400	0.400	COMB2	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B38	V12X35	4.150	COMB1	0.600	0.600	COMB1	0.200	0.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B39	V35X45	0.225	COMB9	3.700	3.700	COMB9	1.200	1.200	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B39	V35X45	2.075	COMB9	0.700	0.700	COMB1	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B39	V35X45	3.925	COMB15	2.000	2.000	COMB15	0.700	0.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B40	V35X45	0.225	COMB2	4.800	8.100	COMB2	3.400	3.400	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B40	V35X45	2.188	COMB2	2.000	2.000	COMB2	2.000	2.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B40	V35X45	4.150	COMB18	0.000	0.000	COMB2	4.800	8.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B41	V35X45	0.225	COMB9	3.600	3.600	COMB9	1.200	1.200	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B41	V35X45	2.075	COMB9	0.700	0.700	COMB1	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B41	V35X45	3.925	COMB15	1.900	1.900	COMB15	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B42	V35X45	0.225	COMB2	4.800	8.100	COMB2	3.400	3.400	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B42	V35X45	2.188	COMB2	2.000	2.000	COMB2	2.000	2.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B42	V35X45	4.150	COMB18	0.000	0.000	COMB2	4.800	7.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B43	V35X45	0.225	COMB9	3.500	3.500	COMB9	1.100	1.100	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B43	V35X45	2.075	COMB9	0.700	0.700	COMB1	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B43	V35X45	3.925	COMB15	1.800	1.800	COMB15	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B44	V35X45	0.225	COMB2	4.800	8.100	COMB2	3.400	3.400	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B44	V35X45	2.188	COMB2	2.000	2.000	COMB2	2.000	2.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B44	V35X45	4.150	COMB18	0.000	0.000	COMB2	4.800	7.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B45	V35X45	0.225	COMB10	3.400	3.400	COMB10	1.100	1.100	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B45	V35X45	2.075	COMB10	0.700	0.700	COMB1	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B45	V35X45	3.925	COMB16	1.800	1.800	COMB16	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+3.45	B46	V35X45	0.225	COMB2	4.800	8.300	COMB2	3.500	3.500	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B46	V35X45	2.188	COMB2	2.100	2.100	COMB2	2.100	2.100	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B46	V35X45	4.150	COMB18	0.000	0.000	COMB2	4.800	8.100	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B47	V35X45	0.225	COMB10	3.100	3.100	COMB10	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B47	V35X45	2.075	COMB10	0.600	0.600	COMB1	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B47	V35X45	3.925	COMB8	1.700	1.700	COMB8	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B48	V35X45	0.225	COMB10	2.900	2.900	COMB10	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B48	V35X45	2.075	COMB10	0.600	0.600	COMB1	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B48	V35X45	3.925	COMB8	1.700	1.700	COMB8	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B49	V35X45	0.225	COMB10	2.300	2.300	COMB10	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B49	V35X45	2.075	COMB10	0.500	0.500	COMB10	0.500	0.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B49	V35X45	3.925	COMB16	1.000	1.000	COMB10	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B50	V35X45	0.225	COMB10	2.400	2.400	COMB10	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B50	V35X45	2.075	COMB10	0.500	0.500	COMB1	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B50	V35X45	3.925	COMB8	1.800	1.800	COMB8	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B51	V35X45	0.000	COMB2	0.007	0.007	COMB2	0.000	0.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B51	V35X45	0.978	COMB2	3.400	3.400	COMB2	2.300	2.300	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B51	V35X45	1.955	COMB2	4.800	9.400	COMB2	3.900	3.900	COMB2	3.400	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B52	V35X45	0.225	COMB2	4.800	10.500	COMB2	4.400	4.400	COMB2	4.200	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B52	V35X45	2.373	COMB2	2.600	2.600	COMB2	3.900	3.900	COMB6	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B52	V35X45	4.520	COMB18	0.000	0.000	COMB2	3.100	3.100	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B53	V35X45	0.000	COMB18	0.000	0.000	COMB2	3.200	3.200	COMB9	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B53	V35X45	2.063	COMB2	2.500	2.500	COMB2	3.400	3.400	COMB4	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B53	V35X45	4.125	COMB2	4.800	10.100	COMB2	4.200	4.200	COMB2	4.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B54	V35X45	0.225	COMB2	4.800	10.800	COMB2	4.500	4.500	COMB2	4.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B54	V35X45	2.373	COMB2	2.700	2.700	COMB2	3.800	3.800	COMB6	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B54	V35X45	4.520	COMB18	0.000	0.000	COMB2	3.200	3.200	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B55	V35X45	0.000	COMB18	0.000	0.000	COMB2	3.200	3.200	COMB9	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B55	V35X45	2.063	COMB2	2.500	2.500	COMB2	3.500	3.500	COMB4	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B55	V35X45	4.125	COMB2	4.800	10.100	COMB2	4.200	4.200	COMB2	4.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B56	V35X45	0.225	COMB2	4.800	10.800	COMB2	4.500	4.500	COMB2	4.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B56	V35X45	2.373	COMB2	2.700	2.700	COMB2	3.800	3.800	COMB6	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B56	V35X45	4.520	COMB18	0.000	0.000	COMB2	3.200	3.200	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B57	V35X45	0.000	COMB18	0.000	0.000	COMB2	3.200	3.200	COMB9	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B57	V35X45	2.063	COMB2	2.500	2.500	COMB2	3.500	3.500	COMB4	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B57	V35X45	4.125	COMB2	4.800	10.100	COMB2	4.200	4.200	COMB2	4.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B58	V35X45	0.225	COMB2	4.800	10.900	COMB2	4.500	4.500	COMB2	4.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B58	V35X45	2.373	COMB2	2.700	2.700	COMB2	3.700	3.700	COMB6	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B58	V35X45	4.520	COMB18	0.000	0.000	COMB2	3.100	3.100	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B59	V35X45	0.000	COMB18	0.000	0.000	COMB2	3.100	3.100	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B59	V35X45	2.063	COMB2	2.300	2.300	COMB2	3.900	3.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B59	V35X45	4.125	COMB2	4.800	9.300	COMB2	3.900	3.900	COMB2	3.800	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B60	V35X45	0.225	COMB6	4.800	4.800	COMB6	1.600	1.600	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B60	V35X45	1.675	COMB6	0.900	0.900	COMB2	1.800	1.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B60	V35X45	3.125	COMB4	2.000	2.000	COMB4	0.700	0.700	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B61	V35X45	0.225	COMB6	3.600	3.600	COMB6	1.200	1.200	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B61	V35X45	1.700	COMB6	0.700	0.700	COMB2	2.700	2.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B61	V35X45	3.175	COMB4	3.000	3.000	COMB4	1.000	1.000	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B62	V35X45	0.225	COMB6	4.200	4.200	COMB6	1.400	1.400	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B62	V35X45	1.700	COMB6	0.800	0.800	COMB2	2.800	2.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B62	V35X45	3.175	COMB4	2.400	2.400	COMB4	0.800	0.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B63	V12X35	0.000	COMB1	0.600	0.600	COMB1	0.200	0.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B63	V12X35	2.155	COMB2	0.400	0.400	COMB2	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B63	V12X35	4.310	COMB2	1.200	1.400	COMB2	0.600	0.600	COMB10	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B64	V35X45	0.225	COMB17	2.000	2.000	COMB17	0.700	0.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B64	V35X45	2.155	COMB7	0.800	0.800	COMB1	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B64	V35X45	4.085	COMB7	3.800	3.800	COMB7	1.300	1.300	COMB8	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B65	V35X45	0.000	COMB18	0.000	0.000	COMB2	4.800	8.000	COMB8	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B65	V35X45	2.043	COMB2	2.000	2.000	COMB2	2.000	2.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B65	V35X45	4.085	COMB2	4.800	7.900	COMB2	3.400	3.400	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B66	V35X45	0.225	COMB17	1.900	1.900	COMB17	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B66	V35X45	2.155	COMB7	0.700	0.700	COMB1	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B66	V35X45	4.085	COMB7	3.700	3.700	COMB7	1.200	1.200	COMB8	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B67	V35X45	0.000	COMB18	0.000	0.000	COMB2	4.800	7.900	COMB8	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B67	V35X45	2.043	COMB2	2.000	2.000	COMB2	2.000	2.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B67	V35X45	4.085	COMB2	4.800	7.900	COMB2	3.300	3.300	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B68	V35X45	0.225	COMB17	1.900	1.900	COMB17	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B68	V35X45	2.155	COMB7	0.700	0.700	COMB1	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B68	V35X45	4.085	COMB7	3.600	3.600	COMB7	1.200	1.200	COMB8	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B69	V35X45	0.000	COMB18	0.000	0.000	COMB2	4.800	7.900	COMB8	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B69	V35X45	2.043	COMB2	2.000	2.000	COMB2	2.000	2.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B69	V35X45	4.085	COMB2	4.800	7.900	COMB2	3.300	3.300	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B70	V35X45	0.225	COMB18	1.800	1.800	COMB18	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B70	V35X45	2.155	COMB8	0.700	0.700	COMB1	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B70	V35X45	4.085	COMB8	3.500	3.500	COMB8	1.200	1.200	COMB8	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B71	V35X45	0.000	COMB18	0.000	0.000	COMB2	4.800	8.100	COMB8	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B71	V35X45	2.043	COMB2	2.000	2.000	COMB2	2.000	2.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B71	V35X45	4.085	COMB2	4.800	8.100	COMB2	3.400	3.400	COMB15	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B72	V35X45	0.225	COMB10	1.700	1.700	COMB10	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B72	V35X45	2.155	COMB8	0.600	0.600	COMB1	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B72	V35X45	4.085	COMB8	3.200	3.200	COMB8	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B73	V35X45	0.225	COMB10	1.800	1.800	COMB10	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B73	V35X45	2.155	COMB8	0.600	0.600	COMB1	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B73	V35X45	4.085	COMB8	3.000	3.000	COMB8	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B74	V35X45	0.225	COMB18	1.000	1.000	COMB8	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B74	V35X45	2.155	COMB8	0.500	0.500	COMB8	0.500	0.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B74	V35X45	4.085	COMB8	2.300	2.300	COMB8	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B75	V35X45	0.225	COMB10	1.900	1.900	COMB10	0.600	0.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B75	V35X45	2.155	COMB8	0.500	0.500	COMB1	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B75	V35X45	4.085	COMB8	2.500	2.500	COMB8	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B76	V35X45	0.000	COMB18	0.000	0.000	COMB8	0.006	0.006	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B76	V35X45	0.978	COMB2	4.100	4.100	COMB2	2.400	2.400	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B76	V35X45	1.955	COMB2	4.800	9.600	COMB2	4.000	4.000	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B77	V35X45	0.225	COMB10	4.800	4.800	COMB2	2.000	2.000	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B77	V35X45	2.260	COMB2	1.200	1.200	COMB2	4.500	4.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B77	V35X45	4.295	COMB3	4.700	4.700	COMB3	1.500	1.500	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+3.45	B78	V35X45	0.225	COMB9	4.800	4.800	COMB5	1.700	1.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B78	V35X45	2.175	COMB5	1.000	1.000	COMB2	4.100	4.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B78	V35X45	4.125	COMB3	4.500	4.500	COMB3	1.500	1.500	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B79	V35X45	0.225	COMB9	4.800	4.800	COMB5	1.800	1.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B79	V35X45	2.260	COMB5	1.100	1.100	COMB2	4.600	4.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B79	V35X45	4.295	COMB4	4.800	4.800	COMB3	1.600	1.600	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B80	V35X45	0.225	COMB6	4.800	4.800	COMB5	1.700	1.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B80	V35X45	2.175	COMB5	1.000	1.000	COMB2	4.100	4.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B80	V35X45	4.125	COMB3	4.500	4.500	COMB3	1.500	1.500	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B81	V35X45	0.225	COMB9	4.800	4.800	COMB5	1.800	1.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B81	V35X45	2.260	COMB5	1.100	1.100	COMB2	4.600	4.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B81	V35X45	4.295	COMB4	4.800	4.800	COMB3	1.600	1.600	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B82	V35X45	0.225	COMB6	4.800	4.800	COMB5	1.700	1.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B82	V35X45	2.175	COMB5	1.000	1.000	COMB2	4.100	4.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B82	V35X45	4.125	COMB3	4.500	4.500	COMB3	1.500	1.500	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B83	V35X45	0.225	COMB9	4.800	4.800	COMB5	1.800	1.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B83	V35X45	2.260	COMB5	1.100	1.100	COMB2	4.500	4.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B83	V35X45	4.295	COMB4	4.800	4.800	COMB3	1.600	1.600	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B84	V35X45	0.225	COMB9	4.800	4.800	COMB5	1.800	1.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B84	V35X45	2.175	COMB5	1.100	1.100	COMB2	4.200	4.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B84	V35X45	4.125	COMB3	4.100	4.100	COMB3	1.400	1.400	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B85	V35X45	0.225	COMB5	3.400	3.400	COMB5	1.100	1.100	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B85	V35X45	1.675	COMB5	0.700	0.700	COMB2	1.900	1.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B85	V35X45	3.125	COMB3	2.100	2.100	COMB3	0.700	0.700	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B86	V35X45	0.225	COMB5	3.400	3.400	COMB5	1.100	1.100	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B86	V35X45	1.700	COMB5	0.700	0.700	COMB2	2.500	2.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B86	V35X45	3.175	COMB3	2.700	2.700	COMB3	0.900	0.900	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B87	V35X45	0.225	COMB5	3.800	3.800	COMB5	1.200	1.200	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B87	V35X45	1.700	COMB5	0.700	0.700	COMB2	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B87	V35X45	3.175	COMB3	2.200	2.200	COMB3	0.700	0.700	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B88	V12X35	0.000	COMB2	1.200	1.800	COMB2	0.800	0.800	COMB10	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B88	V12X35	1.090	COMB2	0.900	0.900	COMB2	0.500	0.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B88	V12X35	2.180	COMB2	0.008	0.008	COMB2	0.000	0.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B89	V35X45	0.225	COMB2	4.800	11.200	COMB2	4.700	4.700	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B89	V35X45	1.203	COMB2	4.800	5.200	COMB2	2.800	2.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B89	V35X45	2.180	COMB12	0.000	0.000	COMB2	0.007	0.007	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B90	V35X45	0.225	COMB2	4.800	11.800	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B90	V35X45	1.203	COMB2	4.800	5.400	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B90	V35X45	2.180	COMB9	0.000	0.000	COMB9	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B91	V35X45	0.225	COMB2	4.800	11.700	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B91	V35X45	1.203	COMB2	4.800	5.400	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B91	V35X45	2.180	COMB18	0.000	0.000	COMB9	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B92	V35X45	0.225	COMB2	4.800	12.000	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B92	V35X45	1.203	COMB2	4.800	5.500	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B92	V35X45	2.180	COMB9	0.000	0.000	COMB9	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B93	V35X45	0.225	COMB2	4.800	11.700	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B93	V35X45	1.203	COMB2	4.800	5.400	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B93	V35X45	2.180	COMB18	0.000	0.000	COMB10	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B94	V35X45	0.225	COMB2	4.800	12.000	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B94	V35X45	1.203	COMB2	4.800	5.500	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B94	V35X45	2.180	COMB10	0.000	0.000	COMB10	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B95	V35X45	0.225	COMB2	4.800	11.700	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B95	V35X45	1.203	COMB2	4.800	5.400	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B95	V35X45	2.180	COMB18	0.000	0.000	COMB10	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B96	V35X45	0.225	COMB2	4.800	12.200	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B96	V35X45	1.203	COMB2	4.800	5.600	COMB2	3.000	3.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B96	V35X45	2.180	COMB18	0.000	0.000	COMB2	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B97	V35X45	0.225	COMB2	4.800	10.100	COMB2	4.200	4.200	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B97	V35X45	1.203	COMB10	4.800	4.800	COMB2	2.500	2.500	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B97	V35X45	2.180	COMB18	0.000	0.000	COMB9	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B98	V35X45	0.225	COMB2	4.800	8.800	COMB2	3.700	3.700	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B98	V35X45	1.203	COMB2	4.800	4.800	COMB2	2.200	2.200	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B98	V35X45	2.180	COMB2	0.006	0.006	COMB2	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B99	V35X45	0.225	COMB2	4.800	9.300	COMB2	3.900	3.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B99	V35X45	1.203	COMB2	4.800	4.800	COMB2	2.300	2.300	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B99	V35X45	2.180	COMB18	0.000	0.000	COMB2	0.018	0.018	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B100	V35X45	0.225	COMB10	4.800	4.800	COMB2	2.000	2.000	COMB5	0.700	COMB10	5.400	COMB2	1.400	No Message	No Message
NE+3.45	B100	V35X45	1.203	COMB2	2.700	2.700	COMB2	1.200	1.200	COMB5	0.700	COMB10	5.400	COMB2	1.400	No Message	No Message
NE+3.45	B100	V35X45	2.180	COMB2	0.016	0.016	COMB2	0.005	0.005	COMB5	0.700	COMB10	5.400	COMB2	1.400	No Message	No Message
NE+3.45	B101	V12X35	0.000	COMB8	0.000	0.000	COMB18	0.000	0.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B101	V12X35	1.090	COMB2	0.800	0.800	COMB2	0.800	0.800	COMB10	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B101	V12X35	2.180	COMB2	1.200	3.100	COMB2	1.200	1.200	COMB2	1.400	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B102	V12X35	0.000	COMB2	1.200	3.100	COMB2	1.200	1.200	COMB2	2.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B102	V12X35	2.260	COMB2	0.800	0.800	COMB2	1.200	2.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B102	V12X35	4.520	COMB2	1.200	2.800	COMB2	1.200	1.200	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B103	V12X35	0.000	COMB2	1.200	2.800	COMB2	1.200	1.200	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B103	V12X35	2.175	COMB2	0.700	0.700	COMB2	1.200	2.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B103	V12X35	4.350	COMB2	1.200	2.600	COMB2	1.100	1.100	COMB2	1.800	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B104	V12X35	0.000	COMB2	1.200	2.700	COMB2	1.100	1.100	COMB2	2.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B104	V12X35	2.260	COMB2	0.700	0.700	COMB2	1.200	2.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B104	V12X35	4.520	COMB2	1.200	2.900	COMB2	1.200	1.200	COMB2	2.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B105	V12X35	0.000	COMB2	1.200	2.900	COMB2	1.200	1.200	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B105	V12X35	2.175	COMB2	0.700	0.700	COMB2	1.200	2.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B105	V12X35	4.350	COMB2	1.200	2.600	COMB2	1.100	1.100	COMB2	1.800	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B106	V12X35	0.000	COMB2	1.200	2.700	COMB2	1.100	1.100	COMB2	2.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B106	V12X35	2.260	COMB2	0.700	0.700	COMB2	1.200	2.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B106	V12X35	4.520	COMB2	1.200	2.900	COMB2	1.200	1.200	COMB2	2.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B107	V12X35	0.000	COMB2	1.200	2.900	COMB2	1.200	1.200	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B107	V12X35	2.175	COMB2	0.700	0.700	COMB2	1.200	2.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B107	V12X35	4.350	COMB2	1.200	2.600	COMB2	1.100	1.100	COMB2	1.800	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B108	V12X35	0.000	COMB2	1.200	2.700	COMB2	1.100	1.100	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B108	V12X35	2.260	COMB2	0.700	0.700	COMB2	1.200	2.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B108	V12X35	4.520	COMB2	1.200	3.000	COMB2	1.200	1.200	COMB2	2.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B109	V12X35	0.000	COMB2	1.200	2.900	COMB2	1.200	1.200	COMB2	2.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B109	V12X35	2.175	COMB2	0.700	0.700	COMB2	1.200	2.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B109	V12X35	4.350	COMB2	1.200	2.100	COMB2	0.900	0.900	COMB2	1.700	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+3.45	B110	V12X35	0.000	COMB2	1.200	1.900	COMB2	0.800	0.800	COMB2	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B110	V12X35	1.675	COMB2	0.500	0.500	COMB2	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B110	V12X35	3.350	COMB2	1.200	1.600	COMB2	0.700	0.700	COMB18	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B111	V12X35	0.000	COMB2	1.200	1.600	COMB2	0.700	0.700	COMB2	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B111	V12X35	1.700	COMB2	0.400	0.400	COMB2	1.200	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B111	V12X35	3.400	COMB2	1.200	1.500	COMB2	0.600	0.600	COMB18	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B112	V12X35	0.000	COMB2	1.200	1.500	COMB2	0.600	0.600	COMB2	1.200	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B112	V12X35	1.700	COMB2	0.400	0.400	COMB2	1.200	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B112	V12X35	3.400	COMB2	0.800	0.800	COMB2	0.300	0.300	COMB18	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message

Story	Label	Design Sect	Station	DesignOpt	PMMCombo	AsMin	As	Mid Bar As	Corner BarAs	Vmaj Combo	VMajRebar	Vmin Combo	VMinRebar	WarnMsg	ErrMsg
			m			cm²	cm²	cm²	cm²		cm²/m		cm²/m		
NE+6.80	C1	C45X45	0.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C1	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C1	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C2	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C2	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C2	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C3	C45X45	0.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C3	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C3	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C4	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C4	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C4	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C5	C45X45	0.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C5	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C5	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C6	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C6	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C6	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C7	C45X45	0.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C7	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C7	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C8	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C8	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C8	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C9	C45X45	0.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C9	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C9	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C10	C45X45	0.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C10	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C10	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C11	C45X45	0.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C11	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C11	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C12	C45X45	0.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C12	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C12	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C13	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C13	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C13	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C14	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C14	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C14	C45X45	3.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C15	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C15	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C15	C45X45	3.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C16	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C16	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C16	C45X45	3.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C17	C45X45	0.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C17	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C17	C45X45	3.000	Design	COMB10	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C18	C45X45	0.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C18	C45X45	1.500	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C18	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C19	C45X45	0.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C19	C45X45	1.500	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C19	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C20	C45X45	0.000	Design	COMB10	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C20	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C20	C45X45	3.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C21	C45X45	0.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB10	3.800	No Message	No Message
NE+6.80	C21	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB10	3.800	No Message	No Message
NE+6.80	C21	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB10	3.800	No Message	No Message
NE+6.80	C22	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C22	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C22	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C23	C45X45	0.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB10	3.800	No Message	No Message
NE+6.80	C23	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB10	3.800	No Message	No Message
NE+6.80	C23	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB10	3.800	No Message	No Message
NE+6.80	C24	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C24	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C24	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+6.80	C25	C45X45	0.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB10	3.800	No Message	No Message
NE+6.80	C25	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB10	3.800	No Message	No Message
NE+6.80	C25	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB10	3.800	No Message	No Message
NE+6.80	C26	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C26	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C26	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C27	C45X45	0.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB10	3.800	No Message	No Message
NE+6.80	C27	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB10	3.800	No Message	No Message
NE+6.80	C27	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB10	3.800	No Message	No Message
NE+6.80	C28	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C28	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C28	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C29	C45X45	0.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C29	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C29	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C30	C45X45	0.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C30	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C30	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C31	C45X45	0.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C31	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C31	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C32	C45X45	0.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C32	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C32	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C1	C45X45	0.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C1	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C1	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C2	C45X45	0.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C2	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C2	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C3	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C3	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C3	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C4	C45X45	0.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C4	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C4	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C5	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C5	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C5	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C6	C45X45	0.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C6	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C6	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C7	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C7	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C7	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C8	C45X45	0.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C8	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C8	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C9	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C9	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C9	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C10	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C10	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C10	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C11	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C11	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C11	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C12	C45X45	0.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C12	C45X45	1.500	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C12	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C13	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C13	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C13	C45X45	3.000	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C14	C45X45	0.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C14	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C14	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C15	C45X45	0.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C15	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C15	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C16	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C16	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C16	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C17	C45X45	0.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C17	C45X45	1.500	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C17	C45X45	3.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C18	C45X45	0.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C18	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C18	C45X45	3.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C19	C45X45	0.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C19	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C19	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C20	C45X45	0.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C20	C45X45	1.500	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C20	C45X45	3.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C21	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C21	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C21	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+3.45	C22	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C22	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C22	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C23	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C23	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C23	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C24	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C24	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C24	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C25	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C25	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C25	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C26	C45X45	0.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C26	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C26	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C27	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C27	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C27	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C28	C45X45	0.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C28	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C28	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C29	C45X45	0.000	Design	COMB10	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C29	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C29	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C30	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C30	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C30	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C31	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C31	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C31	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C32	C45X45	0.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C32	C45X45	1.500	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C32	C45X45	3.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message

3.2 REVISIÓN COLUMNA FUERTE – VIGA DÉBIL

Story	Label	DesignSect	BCMaj Combo	BCMajRatio	BCMin Combo	BCMinRatio	JSMaj Combo	JSMajRatio	JSMin Combo	JSMinRatio	WarnMsg	ErrMsg
NE+6.80	C1	C45X45	COMB12	0.226	COMB12	0.180	COMB3	0.136	COMB3	0.174	No Message	No Message
NE+6.80	C2	C45X45	COMB13	0.352	COMB13	0.157	COMB3	0.217	COMB3	0.151	No Message	No Message
NE+6.80	C3	C45X45	COMB11	0.499	COMB11	0.418	COMB3	0.266	COMB3	0.283	No Message	No Message
NE+6.80	C4	C45X45	COMB16	0.803	COMB16	0.700	COMB3	0.446	COMB3	0.516	No Message	No Message
NE+6.80	C5	C45X45	COMB15	0.746	COMB15	0.730	COMB3	0.413	COMB3	0.540	No Message	No Message
NE+6.80	C6	C45X45	COMB14	0.445	COMB14	0.449	COMB3	0.235	COMB3	0.304	No Message	No Message
NE+6.80	C7	C45X45	COMB12	0.597	COMB12	0.566	COMB3	0.326	COMB3	0.388	No Message	No Message
NE+6.80	C8	C45X45	COMB13	0.908	COMB13	0.401	COMB3	0.815	COMB3	0.462	No Message	No Message
NE+6.80	C9	C45X45	COMB11	0.651	COMB11	0.351	COMB3	0.653	COMB3	0.436	No Message	No Message
NE+6.80	C10	C45X45	COMB14	0.298	COMB14	0.296	COMB3	0.284	COMB3	0.353	No Message	No Message
NE+6.80	C11	C45X45	COMB12	0.608	COMB12	0.518	COMB3	0.332	COMB3	0.353	No Message	No Message
NE+6.80	C12	C45X45	COMB14	0.907	COMB14	0.411	COMB3	0.818	COMB3	0.476	No Message	No Message
NE+6.80	C13	C45X45	COMB12	0.651	COMB12	0.358	COMB3	0.654	COMB3	0.444	No Message	No Message
NE+6.80	C14	C45X45	COMB13	0.286	COMB13	0.291	COMB3	0.272	COMB3	0.348	No Message	No Message
NE+6.80	C15	C45X45	COMB12	0.549	COMB12	0.346	COMB3	0.294	COMB3	0.232	No Message	No Message
NE+6.80	C16	C45X45	COMB17	0.864	COMB17	0.702	COMB3	0.481	COMB3	0.517	No Message	No Message
NE+6.80	C17	C45X45	COMB18	0.807	COMB18	0.731	COMB3	0.448	COMB3	0.541	No Message	No Message
NE+6.80	C18	C45X45	COMB13	0.485	COMB13	0.448	COMB3	0.257	COMB3	0.304	No Message	No Message
NE+6.80	C19	C45X45	COMB11	0.380	COMB11	0.297	COMB3	0.378	COMB3	0.374	No Message	No Message
NE+6.80	C20	C45X45	COMB16	0.518	COMB16	0.467	COMB3	0.546	COMB3	0.683	No Message	No Message
NE+6.80	C21	C45X45	COMB15	0.480	COMB15	0.483	COMB3	0.503	COMB3	0.713	No Message	No Message
NE+6.80	C22	C45X45	COMB14	0.339	COMB14	0.318	COMB3	0.332	COMB3	0.402	No Message	No Message
NE+6.80	C23	C45X45	COMB12	0.459	COMB12	0.399	COMB3	0.476	COMB3	0.511	No Message	No Message
NE+6.80	C24	C45X45	COMB13	0.868	COMB13	0.444	COMB3	0.998	COMB3	0.621	No Message	No Message
NE+6.80	C25	C45X45	COMB11	0.810	COMB11	0.466	COMB3	0.961	COMB3	0.679	No Message	No Message
NE+6.80	C26	C45X45	COMB14	0.440	COMB14	0.420	COMB3	0.460	COMB3	0.547	No Message	No Message
NE+6.80	C27	C45X45	COMB12	0.475	COMB12	0.349	COMB3	0.494	COMB3	0.441	No Message	No Message
NE+6.80	C28	C45X45	COMB14	0.870	COMB14	0.462	COMB3	0.900	COMB3	0.647	No Message	No Message
NE+6.80	C29	C45X45	COMB12	0.814	COMB12	0.489	COMB3	0.966	COMB3	0.716	No Message	No Message
NE+6.80	C30	C45X45	COMB13	0.431	COMB13	0.416	COMB3	0.453	COMB3	0.544	No Message	No Message
NE+6.80	C31	C45X45	COMB12	0.432	COMB12	0.239	COMB3	0.435	COMB3	0.295	No Message	No Message
NE+6.80	C32	C45X45	COMB13	0.586	COMB13	0.468	COMB3	0.625	COMB3	0.684	No Message	No Message
NE+3.45	C1	C45X45	COMB18	0.529	COMB18	0.484	COMB3	0.560	COMB3	0.713	No Message	No Message
NE+3.45	C2	C45X45	COMB13	0.394	COMB13	0.318	COMB3	0.391	COMB3	0.401	No Message	No Message
NE+3.45	C3	C45X45	COMB11	0.459	COMB11	0.360	COMB3	0.484	COMB3	0.481	No Message	No Message
NE+3.45	C4	C45X45	COMB16	0.577	COMB16	0.480	COMB3	0.677	COMB3	0.797	No Message	No Message
NE+3.45	C5	C45X45	COMB15	0.524	COMB15	0.495	COMB3	0.609	COMB3	0.828	No Message	No Message

NE+3.45	C6	C45X45	COMB14	0.423	COMB14	0.385	COMB3	0.438	COMB3	0.517	No Message	No Message
NE+3.45	C7	C45X45	COMB12	0.551	COMB12	0.459	COMB3	0.622	COMB3	0.634	No Message	No Message
NE+3.45	C8	C45X45	COMB13	0.906	COMB13	0.498	COMB3	0.917	COMB3	0.795	No Message	No Message
NE+3.45	C9	C45X45	COMB11	0.827	COMB11	0.516	COMB3	0.910	COMB3	0.856	No Message	No Message
NE+3.45	C10	C45X45	COMB14	0.545	COMB14	0.545	COMB3	0.609	COMB3	0.754	No Message	No Message
NE+3.45	C11	C45X45	COMB12	0.580	COMB12	0.396	COMB3	0.656	COMB3	0.533	No Message	No Message
NE+3.45	C12	C45X45	COMB14	0.909	COMB14	0.524	COMB3	0.917	COMB3	0.840	No Message	No Message
NE+3.45	C13	C45X45	COMB12	0.829	COMB12	0.547	COMB3	0.911	COMB3	0.912	No Message	No Message
NE+3.45	C14	C45X45	COMB13	0.547	COMB13	0.537	COMB3	0.617	COMB3	0.749	No Message	No Message
NE+3.45	C15	C45X45	COMB12	0.226	COMB12	0.180	COMB3	0.136	COMB3	0.174	No Message	No Message
NE+3.45	C16	C45X45	COMB13	0.352	COMB13	0.157	COMB3	0.217	COMB3	0.151	No Message	No Message
NE+3.45	C17	C45X45	COMB11	0.499	COMB11	0.418	COMB3	0.266	COMB3	0.283	No Message	No Message
NE+3.45	C18	C45X45	COMB16	0.803	COMB16	0.700	COMB3	0.446	COMB3	0.516	No Message	No Message
NE+3.45	C19	C45X45	COMB15	0.746	COMB15	0.730	COMB3	0.413	COMB3	0.540	No Message	No Message
NE+3.45	C20	C45X45	COMB14	0.445	COMB14	0.449	COMB3	0.235	COMB3	0.304	No Message	No Message
NE+3.45	C21	C45X45	COMB12	0.597	COMB12	0.566	COMB3	0.326	COMB3	0.388	No Message	No Message
NE+3.45	C22	C45X45	COMB13	0.908	COMB13	0.401	COMB3	0.815	COMB3	0.462	No Message	No Message
NE+3.45	C23	C45X45	COMB11	0.651	COMB11	0.351	COMB3	0.653	COMB3	0.436	No Message	No Message
NE+3.45	C24	C45X45	COMB14	0.298	COMB14	0.296	COMB3	0.284	COMB3	0.353	No Message	No Message
NE+3.45	C25	C45X45	COMB12	0.608	COMB12	0.518	COMB3	0.332	COMB3	0.353	No Message	No Message
NE+3.45	C26	C45X45	COMB14	0.907	COMB14	0.411	COMB3	0.818	COMB3	0.476	No Message	No Message
NE+3.45	C27	C45X45	COMB12	0.651	COMB12	0.358	COMB3	0.654	COMB3	0.444	No Message	No Message
NE+3.45	C28	C45X45	COMB13	0.286	COMB13	0.291	COMB3	0.272	COMB3	0.348	No Message	No Message
NE+3.45	C29	C45X45	COMB12	0.549	COMB12	0.346	COMB3	0.294	COMB3	0.232	No Message	No Message
NE+3.45	C30	C45X45	COMB17	0.864	COMB17	0.702	COMB3	0.481	COMB3	0.517	No Message	No Message
NE+3.45	C31	C45X45	COMB18	0.807	COMB18	0.731	COMB3	0.448	COMB3	0.541	No Message	No Message
NE+3.45	C32	C45X45	COMB13	0.485	COMB13	0.448	COMB3	0.257	COMB3	0.304	No Message	No Message

3.3 REVISIÓN CORTANTE PLÁSTICO

Story	Label	DesignSec t	Station m	AsTopComb o	AsMinTop cm²	AsTop cm²	AsBotCom bo	AsMinBot cm²	AsBot cm²	VCombo	VRebar cm²/m	TLngComb o	TLngRebar cm²	TTrnCom bo	TTrnRebar cm²/m	WarnMsg	ErrMsg
NE+6.80	B1	V15X35	0.000	CORPL6	0.100	0.100	CORPL8	0.100	0.100	CORPL18	0.000	CORPL12	1.800	CORPL9	1.400	No Message	No Message
NE+6.80	B1	V15X35	1.090	CORPL8	1.000	1.000	CORPL8	0.500	0.500	CORPL18	0.000	CORPL12	1.800	CORPL9	1.400	No Message	No Message
NE+6.80	B1	V15X35	2.180	CORPL8	1.500	2.000	CORPL8	0.900	0.900	CORPL18	0.000	CORPL12	1.800	CORPL9	1.400	No Message	No Message
NE+6.80	B2	V15X35	0.000	CORPL6	1.500	2.100	CORPL8	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B2	V15X35	2.260	CORPL8	0.600	0.600	CORPL4	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B2	V15X35	4.520	CORPL10	1.500	1.500	CORPL7	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B3	V15X35	0.000	CORPL10	1.500	1.500	CORPL8	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B3	V15X35	2.175	CORPL8	0.500	0.500	CORPL8	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B3	V15X35	4.350	CORPL10	1.500	1.600	CORPL8	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B4	V15X35	0.000	CORPL5	1.500	1.600	CORPL6	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B4	V15X35	2.260	CORPL8	0.500	0.500	CORPL6	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B4	V15X35	4.520	CORPL7	1.500	1.600	CORPL8	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B5	V15X35	0.000	CORPL6	1.500	1.600	CORPL6	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B5	V15X35	2.175	CORPL6	0.500	0.500	CORPL6	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B5	V15X35	4.350	CORPL9	1.500	1.600	CORPL5	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B6	V15X35	0.000	CORPL5	1.500	1.600	CORPL5	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B6	V15X35	2.260	CORPL5	0.500	0.500	CORPL6	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B6	V15X35	4.520	CORPL8	1.500	1.600	CORPL6	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B7	V15X35	0.000	CORPL6	1.500	1.600	CORPL6	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B7	V15X35	2.175	CORPL5	0.500	0.500	CORPL5	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B7	V15X35	4.350	CORPL9	1.500	1.600	CORPL5	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B8	V15X35	0.000	CORPL5	1.500	1.600	CORPL5	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B8	V15X35	2.260	CORPL5	0.500	0.500	CORPL5	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B8	V15X35	4.520	CORPL8	1.500	1.600	CORPL5	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B9	V15X35	0.000	CORPL6	1.500	1.600	CORPL5	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B9	V15X35	2.175	CORPL5	0.500	0.500	CORPL5	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B9	V15X35	4.350	CORPL10	1.500	1.500	CORPL5	0.600	0.600	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B10	V15X35	0.000	CORPL9	1.500	1.500	CORPL6	0.600	0.600	CORPL10	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B10	V15X35	1.675	CORPL6	0.400	0.400	CORPL6	0.400	0.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B10	V15X35	3.350	CORPL5	1.300	1.300	CORPL6	0.500	0.500	CORPL10	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B11	V15X35	0.000	CORPL6	1.400	1.400	CORPL6	0.500	0.500	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B11	V15X35	1.700	CORPL6	0.300	0.300	CORPL6	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B11	V15X35	3.400	CORPL8	0.900	0.900	CORPL6	0.300	0.300	CORPL10	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B12	V15X35	0.000	CORPL6	0.900	0.900	CORPL6	0.300	0.300	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B12	V15X35	1.700	CORPL6	0.200	0.200	CORPL6	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B12	V15X35	3.400	CORPL3	0.300	0.300	CORPL7	0.100	0.100	CORPL10	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B13	V15X35	0.000	CORPL10	0.200	0.200	CORPL4	0.100	0.100	CORPL18	0.000	CORPL13	1.800	CORPL9	1.300	No Message	No Message
NE+6.80	B13	V15X35	1.090	CORPL10	0.600	0.600	CORPL10	0.500	0.500	CORPL18	0.000	CORPL13	1.800	CORPL9	1.300	No Message	No Message
NE+6.80	B13	V15X35	2.180	CORPL10	1.500	1.900	CORPL10	0.800	0.800	CORPL16	1.300	CORPL13	1.800	CORPL9	1.300	No Message	No Message
NE+6.80	B14	V30X35	0.000	CORPL17	0.100	0.100	CORPL9	0.200	0.200	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B14	V30X35	0.978	CORPL5	3.100	3.900	CORPL9	2.200	2.200	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B14	V30X35	1.955	CORPL6	3.100	9.200	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B15	V30X35	0.000	CORPL18	0.049	0.049	CORPL10	0.100	0.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B15	V30X35	0.978	CORPL10	3.100	4.200	CORPL10	2.300	2.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B15	V30X35	1.955	CORPL4	3.100	9.200	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B16	V30X35	0.000	CORPL17	0.100	0.100	CORPL9	0.100	0.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B16	V30X35	0.978	CORPL10	3.100	4.400	CORPL9	2.400	2.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B16	V30X35	1.955	CORPL10	3.100	9.600	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B17	V30X35	0.000	CORPL10	0.049	0.049	CORPL10	0.049	0.049	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B17	V30X35	0.978	CORPL10	3.100	4.300	CORPL10	2.300	2.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B17	V30X35	1.955	CORPL8	3.100	9.600	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message

NE+6.80	B18	V30X35	0.000	CORPL17	0.100	0.100	CORPL17	0.100	0.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B18	V30X35	0.978	CORPL10	3.100	4.300	CORPL9	2.400	2.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B18	V30X35	1.955	CORPL10	3.100	9.600	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B19	V30X35	0.000	CORPL10	0.049	0.049	CORPL10	0.049	0.049	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B19	V30X35	0.978	CORPL10	3.100	4.300	CORPL10	2.300	2.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B19	V30X35	1.955	CORPL7	3.100	9.500	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B20	V30X35	0.000	CORPL17	0.100	0.100	CORPL17	0.100	0.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B20	V30X35	0.978	CORPL10	3.100	4.400	CORPL9	2.400	2.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B20	V30X35	1.955	CORPL10	3.100	9.600	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B21	V30X35	0.000	CORPL10	0.048	0.048	CORPL10	0.100	0.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B21	V30X35	0.978	CORPL9	3.100	4.400	CORPL10	2.400	2.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B21	V30X35	1.955	CORPL8	3.100	9.700	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B22	V30X35	0.000	CORPL10	0.100	0.100	CORPL18	0.100	0.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B22	V30X35	0.978	CORPL10	3.100	3.800	CORPL10	2.000	2.000	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B22	V30X35	1.955	CORPL9	3.100	8.200	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B23	V30X35	0.000	CORPL9	0.100	0.100	CORPL9	0.100	0.100	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B23	V30X35	0.978	CORPL9	3.100	3.300	CORPL9	1.800	1.800	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B23	V30X35	1.955	CORPL9	3.100	7.200	CORPL9	3.000	3.000	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B24	V30X35	0.000	CORPL18	0.044	0.044	CORPL9	0.100	0.100	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B24	V30X35	0.978	CORPL9	3.100	3.300	CORPL9	1.800	1.800	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B24	V30X35	1.955	CORPL9	3.100	7.300	CORPL9	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B25	V30X35	0.000	CORPL9	0.100	0.100	CORPL9	0.100	0.100	CORPL6	0.800	CORPL10	3.600	CORPL4	1.000	No Message	No Message
NE+6.80	B25	V30X35	0.978	CORPL10	2.400	2.400	CORPL9	1.100	1.100	CORPL6	0.800	CORPL10	3.600	CORPL4	1.000	No Message	No Message
NE+6.80	B25	V30X35	1.955	CORPL10	3.100	4.300	CORPL9	1.900	1.900	CORPL6	0.800	CORPL10	3.600	CORPL4	1.000	No Message	No Message
NE+6.80	B26	V30X35	0.000	CORPL13	0.100	0.100	CORPL5	0.200	0.200	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B26	V30X35	0.978	CORPL9	3.100	3.900	CORPL5	2.100	2.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B26	V30X35	1.955	CORPL10	3.100	8.800	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B27	V30X35	0.225	CORPL9	3.100	3.100	CORPL5	1.800	1.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B27	V30X35	2.260	CORPL5	1.400	1.400	CORPL5	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B27	V30X35	4.295	CORPL4	1.500	1.500	CORPL6	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B28	V30X35	0.225	CORPL6	2.600	2.600	CORPL5	1.300	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B28	V30X35	2.175	CORPL5	1.000	1.000	CORPL5	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B28	V30X35	4.125	CORPL4	1.700	1.700	CORPL4	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B29	V30X35	0.225	CORPL6	2.600	2.600	CORPL5	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B29	V30X35	2.260	CORPL5	0.900	0.900	CORPL5	1.300	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B29	V30X35	4.295	CORPL4	1.600	1.600	CORPL4	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B30	V30X35	0.225	CORPL6	2.400	2.400	CORPL6	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B30	V30X35	2.175	CORPL6	0.800	0.800	CORPL5	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B30	V30X35	4.125	CORPL4	1.500	1.500	CORPL4	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B31	V30X35	0.225	CORPL6	2.300	2.300	CORPL6	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B31	V30X35	2.260	CORPL6	0.700	0.700	CORPL6	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B31	V30X35	4.295	CORPL4	1.500	1.500	CORPL4	0.600	0.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B32	V30X35	0.225	CORPL6	2.200	2.200	CORPL6	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B32	V30X35	2.175	CORPL6	0.700	0.700	CORPL6	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B32	V30X35	4.125	CORPL4	1.400	1.400	CORPL3	0.500	0.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B33	V30X35	0.225	CORPL6	2.200	2.200	CORPL6	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B33	V30X35	2.260	CORPL6	0.600	0.600	CORPL6	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B33	V30X35	4.295	CORPL4	1.300	1.300	CORPL3	0.400	0.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B34	V30X35	0.225	CORPL6	2.000	2.000	CORPL6	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B34	V30X35	2.175	CORPL6	0.500	0.500	CORPL6	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B34	V30X35	4.125	CORPL4	1.200	1.200	CORPL3	0.400	0.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B35	V30X35	0.225	CORPL6	1.700	1.700	CORPL6	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B35	V30X35	1.675	CORPL6	0.500	0.500	CORPL5	0.600	0.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B35	V30X35	3.125	CORPL4	0.900	0.900	CORPL14	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B36	V30X35	0.225	CORPL6	1.600	1.600	CORPL6	0.500	0.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B36	V30X35	1.700	CORPL5	0.300	0.300	CORPL5	0.400	0.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B36	V30X35	3.175	CORPL4	0.800	0.800	CORPL14	0.600	0.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B37	V30X35	0.225	CORPL6	1.500	1.500	CORPL6	0.400	0.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B37	V30X35	1.700	CORPL6	0.200	0.200	CORPL4	0.300	0.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B37	V30X35	3.175	CORPL12	0.800	0.800	CORPL14	0.500	0.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B38	V15X35	0.000	CORPL10	1.500	1.900	CORPL4	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B38	V15X35	2.075	CORPL4	0.500	0.500	CORPL7	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B38	V15X35	4.150	CORPL10	1.500	1.500	CORPL3	0.600	0.600	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B39	V30X35	0.225	CORPL9	3.100	3.500	CORPL9	2.200	2.200	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B39	V30X35	2.075	CORPL9	1.700	1.700	CORPL9	1.900	1.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B39	V30X35	3.925	CORPL8	3.100	3.100	CORPL8	1.700	1.700	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B40	V30X35	0.225	CORPL10	3.100	4.400	CORPL10	2.300	2.300	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B40	V30X35	2.188	CORPL10	1.600	1.600	CORPL7	1.600	1.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B40	V30X35	4.150	CORPL7	0.500	0.500	CORPL10	2.300	2.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B41	V30X35	0.225	CORPL18	3.100	3.100	CORPL9	2.000	2.000	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B41	V30X35	2.075	CORPL9	1.600	1.600	CORPL9	1.600	1.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B41	V30X35	3.925	CORPL7	2.600	2.600	CORPL17	1.500	1.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B42	V30X35	0.225	CORPL9	3.100	4.500	CORPL9	2.300	2.300	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B42	V30X35	2.188	CORPL10	1.600	1.600	CORPL10	1.600	1.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B42	V30X35	4.150	CORPL7	0.500	0.500	CORPL9	2.500	2.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B43	V30X35	0.225	CORPL10	3.100	3.100	CORPL9	2.000	2.000	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B43	V30X35	2.075	CORPL9	1.600	1.600	CORPL9	1.600	1.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B43	V30X35	3.925	CORPL7	2.500	2.500	CORPL17	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B44	V30X35	0.225	CORPL9	3.100	4.500	CORPL10	2.300	2.300	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B44	V30X35	2.188	CORPL10	1.600	1.600	CORPL10	1.600	1.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B44	V30X35	4.150	CORPL7	0.500	0.500	CORPL9	2.500	2.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B45	V30X35	0.225	CORPL10	3.100	3.100	CORPL9	2.000	2.000	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B45	V30X35	2.075	CORPL9	1.600	1.600	CORPL9	1.600	1.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B45	V30X35	3.925	CORPL8	2.500	2.500	CORPL8	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B46	V30X35	0.225	CORPL10	3.100	4.500	CORPL10	2.300	2.300	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B46	V30X35	2.188	CORPL10	1.600	1.600	CORPL10	1.600	1.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B46	V30X35	4.150	CORPL7	0.500	0.500	CORPL10	2.500	2.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B47	V30X35	0.225	CORPL10	3.100	3.100	CORPL10	1.800	1.800	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B47	V30X35	2.075	CORPL10	1.400	1.400	CORPL10	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B47	V30X35	3.925	CORPL7	2.300	2.300	CORPL7	1.300	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B48	V30X35	0.225	CORPL10	3.100	3.100	CORPL10	1.600	1.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B48	V30X35	2.075	CORPL10	1.300	1.300	CORPL9	1.300	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B48	V30X35	3.925	CORPL8	2.100	2.100	CORPL8	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B49	V30X35	0.225	CORPL10	3.100	3.100	CORPL10	1.600	1.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B49	V30X35	2.075	CORPL10	1.300	1.300	CORPL10	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B49	V30X35	3.925	CORPL8	2.200	2.200	CORPL8	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B50	V30X35	0.225	CORPL9	2.700	2.700	CORPL9	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B50	V30X35	2.075	CORPL9	0.900	0.900	CORPL5	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B50	V30X35	3.925	CORPL8	2.000	2.000	CORPL8	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message

NE+6.80	B51	V30X35	0.000	CORPL13	0.100	0.100	CORPL13	0.100	0.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B51	V30X35	0.978	CORPL6	3.100	3.900	CORPL5	2.100	2.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B51	V30X35	1.955	CORPL6	3.100	8.500	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B52	V30X35	0.225	CORPL6	3.100	3.600	CORPL6	1.900	1.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B52	V30X35	2.373	CORPL6	1.300	1.300	CORPL6	1.300	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B52	V30X35	4.520	CORPL5	0.400	0.400	CORPL6	2.800	2.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B53	V30X35	0.000	CORPL5	0.500	0.500	CORPL6	2.700	2.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B53	V30X35	2.063	CORPL6	1.000	1.000	CORPL5	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B53	V30X35	4.125	CORPL4	3.100	3.100	CORPL6	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B54	V30X35	0.225	CORPL10	3.100	3.100	CORPL6	1.500	1.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B54	V30X35	2.373	CORPL6	1.100	1.100	CORPL6	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B54	V30X35	4.520	CORPL5	0.400	0.400	CORPL6	2.600	2.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B55	V30X35	0.000	CORPL5	0.400	0.400	CORPL6	2.600	2.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B55	V30X35	2.063	CORPL6	0.900	0.900	CORPL5	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B55	V30X35	4.125	CORPL3	3.100	3.100	CORPL6	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B56	V30X35	0.225	CORPL9	3.100	3.100	CORPL6	1.500	1.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B56	V30X35	2.373	CORPL6	1.000	1.000	CORPL6	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B56	V30X35	4.520	CORPL5	0.300	0.300	CORPL6	2.500	2.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B57	V30X35	0.000	CORPL5	0.300	0.300	CORPL6	2.500	2.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B57	V30X35	2.063	CORPL6	0.800	0.800	CORPL5	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B57	V30X35	4.125	CORPL3	2.900	2.900	CORPL6	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B58	V30X35	0.225	CORPL9	3.100	3.100	CORPL6	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B58	V30X35	2.373	CORPL6	0.900	0.900	CORPL6	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B58	V30X35	4.520	CORPL13	0.200	0.200	CORPL6	2.500	2.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B59	V30X35	0.000	CORPL13	0.200	0.200	CORPL6	2.400	2.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B59	V30X35	2.063	CORPL6	0.700	0.700	CORPL6	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B59	V30X35	4.125	CORPL3	2.800	2.800	CORPL6	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B60	V30X35	0.225	CORPL6	1.900	1.900	CORPL5	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B60	V30X35	1.675	CORPL5	0.800	0.800	CORPL5	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B60	V30X35	3.125	CORPL12	0.500	0.500	CORPL5	1.500	1.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B61	V30X35	0.225	CORPL5	1.600	1.600	CORPL5	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B61	V30X35	1.700	CORPL5	0.500	0.500	CORPL5	0.500	0.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B61	V30X35	3.175	CORPL12	0.500	0.500	CORPL5	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B62	V30X35	0.225	CORPL5	1.300	1.300	CORPL5	0.400	0.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B62	V30X35	1.700	CORPL5	0.200	0.200	CORPL5	0.200	0.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B62	V30X35	3.175	CORPL11	0.600	0.600	CORPL5	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B63	V15X35	0.000	CORPL10	1.500	1.500	CORPL4	0.600	0.600	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B63	V15X35	2.155	CORPL3	0.500	0.500	CORPL10	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B63	V15X35	4.310	CORPL7	1.500	1.900	CORPL3	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B64	V30X35	0.225	CORPL10	3.100	3.100	CORPL9	1.700	1.700	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B64	V30X35	2.155	CORPL8	1.700	1.700	CORPL8	2.000	2.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B64	V30X35	4.085	CORPL8	3.100	3.600	CORPL8	2.200	2.200	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B65	V30X35	0.000	CORPL10	0.500	0.500	CORPL7	2.300	2.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B65	V30X35	2.043	CORPL7	1.600	1.600	CORPL10	1.700	1.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B65	V30X35	4.085	CORPL7	3.100	4.400	CORPL7	2.300	2.300	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B66	V30X35	0.225	CORPL9	2.600	2.600	CORPL9	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B66	V30X35	2.155	CORPL7	1.600	1.600	CORPL7	1.600	1.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B66	V30X35	4.085	CORPL7	3.100	3.100	CORPL7	2.100	2.100	CORPL8	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B67	V30X35	0.000	CORPL10	0.500	0.500	CORPL8	2.500	2.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B67	V30X35	2.043	CORPL7	1.600	1.600	CORPL10	1.700	1.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B67	V30X35	4.085	CORPL7	3.100	4.500	CORPL7	2.300	2.300	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B68	V30X35	0.225	CORPL9	2.500	2.500	CORPL9	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B68	V30X35	2.155	CORPL7	1.600	1.600	CORPL7	1.600	1.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B68	V30X35	4.085	CORPL16	3.100	3.100	CORPL7	2.000	2.000	CORPL8	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B69	V30X35	0.000	CORPL10	0.500	0.500	CORPL7	2.500	2.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B69	V30X35	2.043	CORPL7	1.600	1.600	CORPL10	1.700	1.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B69	V30X35	4.085	CORPL7	3.100	4.500	CORPL7	2.300	2.300	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B70	V30X35	0.225	CORPL10	2.500	2.500	CORPL9	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B70	V30X35	2.155	CORPL8	1.600	1.600	CORPL8	1.600	1.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B70	V30X35	4.085	CORPL8	3.100	3.100	CORPL8	2.000	2.000	CORPL8	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B71	V30X35	0.000	CORPL10	0.500	0.500	CORPL7	2.500	2.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B71	V30X35	2.043	CORPL7	1.600	1.600	CORPL10	1.700	1.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B71	V30X35	4.085	CORPL7	3.100	4.500	CORPL7	2.300	2.300	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B72	V30X35	0.225	CORPL10	2.300	2.300	CORPL10	1.300	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B72	V30X35	2.155	CORPL7	1.400	1.400	CORPL7	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B72	V30X35	4.085	CORPL8	3.100	3.100	CORPL7	1.800	1.800	CORPL8	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B73	V30X35	0.225	CORPL10	2.200	2.200	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B73	V30X35	2.155	CORPL8	1.300	1.300	CORPL8	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B73	V30X35	4.085	CORPL8	3.100	3.100	CORPL8	1.600	1.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B74	V30X35	0.225	CORPL10	2.200	2.200	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B74	V30X35	2.155	CORPL8	1.300	1.300	CORPL7	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B74	V30X35	4.085	CORPL8	3.100	3.100	CORPL8	1.600	1.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B75	V30X35	0.225	CORPL9	2.100	2.100	CORPL9	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B75	V30X35	2.155	CORPL8	0.900	0.900	CORPL6	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B75	V30X35	4.085	CORPL8	2.700	2.700	CORPL8	1.200	1.200	CORPL8	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B76	V30X35	0.000	CORPL14	0.100	0.100	CORPL6	0.200	0.200	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B76	V30X35	0.978	CORPL8	3.100	4.000	CORPL6	2.200	2.200	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B76	V30X35	1.955	CORPL7	3.100	9.000	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B77	V30X35	0.225	CORPL9	3.100	3.100	CORPL6	1.800	1.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B77	V30X35	2.260	CORPL6	1.400	1.400	CORPL6	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B77	V30X35	4.295	CORPL3	1.500	1.500	CORPL5	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B78	V30X35	0.225	CORPL5	2.600	2.600	CORPL6	1.300	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B78	V30X35	2.175	CORPL6	1.000	1.000	CORPL6	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B78	V30X35	4.125	CORPL3	1.700	1.700	CORPL3	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B79	V30X35	0.225	CORPL5	2.600	2.600	CORPL6	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B79	V30X35	2.260	CORPL6	0.900	0.900	CORPL6	1.300	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B79	V30X35	4.295	CORPL3	1.600	1.600	CORPL3	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B80	V30X35	0.225	CORPL5	2.400	2.400	CORPL5	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B80	V30X35	2.175	CORPL6	0.800	0.800	CORPL6	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B80	V30X35	4.125	CORPL3	1.500	1.500	CORPL3	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B81	V30X35	0.225	CORPL5	2.400	2.400	CORPL5	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B81	V30X35	2.260	CORPL5	0.700	0.700	CORPL5	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B81	V30X35	4.295	CORPL3	1.500	1.500	CORPL3	0.600	0.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B82	V30X35	0.225	CORPL5	2.200	2.200	CORPL5	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B82	V30X35	2.175	CORPL5	0.700	0.700	CORPL5	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B82	V30X35	4.125	CORPL3	1.400	1.400	CORPL4	0.500	0.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message

NE+6.80	B83	V30X35	0.225	CORPL5	2.200	2.200	CORPL5	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B83	V30X35	2.260	CORPL5	0.600	0.600	CORPL5	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B83	V30X35	4.295	CORPL3	1.300	1.300	CORPL4	0.400	0.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B84	V30X35	0.225	CORPL5	2.000	2.000	CORPL5	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B84	V30X35	2.175	CORPL5	0.500	0.500	CORPL5	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B84	V30X35	4.125	CORPL3	1.300	1.300	CORPL4	0.400	0.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B85	V30X35	0.225	CORPL5	1.700	1.700	CORPL5	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B85	V30X35	1.675	CORPL5	0.500	0.500	CORPL6	0.600	0.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B85	V30X35	3.125	CORPL3	0.900	0.900	CORPL13	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B86	V30X35	0.225	CORPL5	1.600	1.600	CORPL5	0.500	0.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B86	V30X35	1.700	CORPL6	0.300	0.300	CORPL6	0.400	0.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B86	V30X35	3.175	CORPL3	0.800	0.800	CORPL13	0.600	0.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B87	V30X35	0.225	CORPL5	1.500	1.500	CORPL5	0.400	0.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B87	V30X35	1.700	CORPL5	0.200	0.200	CORPL3	0.300	0.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B87	V30X35	3.175	CORPL11	0.800	0.800	CORPL13	0.500	0.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B88	V15X35	0.000	CORPL7	1.500	1.900	CORPL7	0.800	0.800	CORPL18	1.300	CORPL11	1.800	CORPL8	1.400	No Message	No Message
NE+6.80	B88	V15X35	1.090	CORPL7	0.600	0.600	CORPL7	0.500	0.500	CORPL18	0.000	CORPL11	1.800	CORPL8	1.400	No Message	No Message
NE+6.80	B88	V15X35	2.180	CORPL7	0.200	0.200	CORPL3	0.100	0.100	CORPL18	0.000	CORPL11	1.800	CORPL8	1.400	No Message	No Message
NE+6.80	B89	V30X35	0.225	CORPL5	3.100	9.100	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B89	V30X35	1.203	CORPL6	3.100	3.900	CORPL8	2.200	2.200	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B89	V30X35	2.180	CORPL16	0.100	0.100	CORPL8	0.200	0.200	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B90	V30X35	0.225	CORPL3	3.100	9.200	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B90	V30X35	1.203	CORPL7	3.100	4.200	CORPL7	2.300	2.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B90	V30X35	2.180	CORPL15	0.049	0.049	CORPL7	0.100	0.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B91	V30X35	0.225	CORPL7	3.100	9.600	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B91	V30X35	1.203	CORPL7	3.100	4.400	CORPL7	2.400	2.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B91	V30X35	2.180	CORPL16	0.100	0.100	CORPL8	0.100	0.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B92	V30X35	0.225	CORPL9	3.100	9.600	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B92	V30X35	1.203	CORPL8	3.100	4.300	CORPL7	2.300	2.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B92	V30X35	2.180	CORPL7	0.049	0.049	CORPL7	0.049	0.049	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B93	V30X35	0.225	CORPL7	3.100	9.600	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B93	V30X35	1.203	CORPL7	3.100	4.300	CORPL8	2.400	2.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B93	V30X35	2.180	CORPL16	0.100	0.100	CORPL16	0.100	0.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B94	V30X35	0.225	CORPL9	3.100	9.500	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B94	V30X35	1.203	CORPL7	3.100	4.300	CORPL7	2.300	2.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B94	V30X35	2.180	CORPL7	0.049	0.049	CORPL7	0.049	0.049	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B95	V30X35	0.225	CORPL7	3.100	9.600	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B95	V30X35	1.203	CORPL7	3.100	4.400	CORPL8	2.400	2.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B95	V30X35	2.180	CORPL16	0.100	0.100	CORPL16	0.100	0.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B96	V30X35	0.225	CORPL9	3.100	9.700	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B96	V30X35	1.203	CORPL7	3.100	4.400	CORPL7	2.400	2.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B96	V30X35	2.180	CORPL7	0.048	0.048	CORPL7	0.100	0.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B97	V30X35	0.225	CORPL8	3.100	8.200	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B97	V30X35	1.203	CORPL7	3.100	3.800	CORPL7	2.000	2.000	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B97	V30X35	2.180	CORPL7	0.100	0.100	CORPL15	0.100	0.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B98	V30X35	0.225	CORPL8	3.100	7.200	CORPL8	3.000	3.000	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B98	V30X35	1.203	CORPL8	3.100	3.300	CORPL8	1.800	1.800	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B98	V30X35	2.180	CORPL8	0.100	0.100	CORPL8	0.100	0.100	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B99	V30X35	0.225	CORPL8	3.100	7.300	CORPL8	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B99	V30X35	1.203	CORPL8	3.100	3.300	CORPL8	1.800	1.800	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B99	V30X35	2.180	CORPL15	0.044	0.044	CORPL8	0.100	0.100	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B100	V30X35	0.225	CORPL7	3.100	4.300	CORPL8	1.900	1.900	CORPL5	0.800	CORPL10	3.600	CORPL3	1.000	No Message	No Message
NE+6.80	B100	V30X35	1.203	CORPL7	2.400	2.400	CORPL8	1.100	1.100	CORPL5	0.800	CORPL10	3.600	CORPL3	1.000	No Message	No Message
NE+6.80	B100	V30X35	2.180	CORPL8	0.100	0.100	CORPL8	0.100	0.100	CORPL5	0.800	CORPL10	3.600	CORPL3	1.000	No Message	No Message
NE+6.80	B101	V15X35	0.000	CORPL5	0.100	0.100	CORPL9	0.100	0.100	CORPL18	0.000	CORPL17	1.800	CORPL8	1.400	No Message	No Message
NE+6.80	B101	V15X35	1.090	CORPL9	1.000	1.000	CORPL9	0.500	0.500	CORPL18	0.000	CORPL17	1.800	CORPL8	1.400	No Message	No Message
NE+6.80	B101	V15X35	2.180	CORPL9	1.500	2.000	CORPL9	0.900	0.900	CORPL18	0.000	CORPL17	1.800	CORPL8	1.400	No Message	No Message
NE+6.80	B102	V15X35	0.000	CORPL5	1.500	2.100	CORPL9	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B102	V15X35	2.260	CORPL9	0.600	0.600	CORPL3	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B102	V15X35	4.520	CORPL10	1.500	1.500	CORPL10	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B103	V15X35	0.000	CORPL10	1.500	1.500	CORPL9	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B103	V15X35	2.175	CORPL9	0.500	0.500	CORPL9	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B103	V15X35	4.350	CORPL7	1.500	1.600	CORPL9	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B104	V15X35	0.000	CORPL6	1.500	1.600	CORPL5	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B104	V15X35	2.260	CORPL9	0.500	0.500	CORPL5	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B104	V15X35	4.520	CORPL10	1.500	1.600	CORPL9	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B105	V15X35	0.000	CORPL5	1.500	1.600	CORPL5	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B105	V15X35	2.175	CORPL5	0.500	0.500	CORPL5	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B105	V15X35	4.350	CORPL8	1.500	1.600	CORPL6	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B106	V15X35	0.000	CORPL6	1.500	1.600	CORPL6	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B106	V15X35	2.260	CORPL6	0.500	0.500	CORPL5	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B106	V15X35	4.520	CORPL9	1.500	1.600	CORPL5	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B107	V15X35	0.000	CORPL5	1.500	1.600	CORPL5	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B107	V15X35	2.175	CORPL6	0.500	0.500	CORPL6	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B107	V15X35	4.350	CORPL8	1.500	1.600	CORPL6	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B108	V15X35	0.000	CORPL6	1.500	1.600	CORPL6	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B108	V15X35	2.260	CORPL6	0.500	0.500	CORPL6	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B108	V15X35	4.520	CORPL9	1.500	1.600	CORPL6	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B109	V15X35	0.000	CORPL5	1.500	1.600	CORPL6	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B109	V15X35	2.175	CORPL6	0.500	0.500	CORPL6	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B109	V15X35	4.350	CORPL10	1.500	1.500	CORPL6	0.600	0.600	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B110	V15X35	0.000	CORPL9	1.500	1.500	CORPL5	0.600	0.600	CORPL10	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B110	V15X35	1.675	CORPL5	0.400	0.400	CORPL5	0.400	0.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B110	V15X35	3.350	CORPL6	1.300	1.300	CORPL5	0.500	0.500	CORPL10	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B111	V15X35	0.000	CORPL5	1.400	1.400	CORPL5	0.500	0.500	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B111	V15X35	1.700	CORPL5	0.300	0.300	CORPL5	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B111	V15X35	3.400	CORPL9	0.900	0.900	CORPL5	0.300	0.300	CORPL10	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B112	V15X35	0.000	CORPL5	0.900	0.900	CORPL5	0.300	0.300	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B112	V15X35	1.700	CORPL5	0.200	0.200	CORPL5	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B112	V15X35	3.400	CORPL4	0.300	0.300	CORPL10	0.100	0.100	CORPL10	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B1	V12X35	0.000	CORPL9	0.000	0.000	CORPL15	0.006	0.006	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B1	V12X35	1.090	CORPL8	0.700	0.700	CORPL8	0.700	0.700	CORPL10	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B1	V12X35	2.180	CORPL8	1.200	2.600	CORPL8	1.100	1.100	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B2	V12X35	0.000	CORPL6	1.200	2.600	CORPL6	1.100	1.100	CORPL6	1.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B2	V12X35	2.260	CORPL6	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B2	V12X35	4.520	CORPL3	1.200	2.300	CORPL3	1.000	1.000	CORPL4	1.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message

NE+3.45	B3	V12X35	0.000	CORPL6	1.200	2.300	CORPL6	1.000	1.000	CORPL6	1.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B3	V12X35	2.175	CORPL6	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B3	V12X35	4.350	CORPL4	1.200	2.100	CORPL4	0.900	0.900	CORPL4	1.100	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B4	V12X35	0.000	CORPL5	1.200	2.200	CORPL5	0.900	0.900	CORPL5	1.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B4	V12X35	2.260	CORPL3	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B4	V12X35	4.520	CORPL3	1.200	2.400	CORPL3	1.000	1.000	CORPL3	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B5	V12X35	0.000	CORPL6	1.200	2.400	CORPL6	1.000	1.000	CORPL6	1.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B5	V12X35	2.175	CORPL6	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B5	V12X35	4.350	CORPL4	1.200	2.100	CORPL4	0.900	0.900	CORPL4	1.100	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B6	V12X35	0.000	CORPL5	1.200	2.200	CORPL5	0.900	0.900	CORPL5	1.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B6	V12X35	2.260	CORPL3	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B6	V12X35	4.520	CORPL3	1.200	2.400	CORPL3	1.000	1.000	CORPL3	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B7	V12X35	0.000	CORPL6	1.200	2.400	CORPL6	1.000	1.000	CORPL6	1.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B7	V12X35	2.175	CORPL6	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B7	V12X35	4.350	CORPL4	1.200	2.100	CORPL4	0.900	0.900	CORPL4	1.100	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B8	V12X35	0.000	CORPL5	1.200	2.200	CORPL5	0.900	0.900	CORPL5	1.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B8	V12X35	2.260	CORPL3	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B8	V12X35	4.520	CORPL3	1.200	2.400	CORPL3	1.000	1.000	CORPL3	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B9	V12X35	0.000	CORPL6	1.200	2.400	CORPL6	1.000	1.000	CORPL6	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B9	V12X35	2.175	CORPL6	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B9	V12X35	4.350	CORPL4	1.200	1.700	CORPL4	0.700	0.700	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B10	V12X35	0.000	CORPL5	1.200	1.600	CORPL5	0.700	0.700	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B10	V12X35	1.675	CORPL5	0.400	0.400	CORPL7	0.600	0.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B10	V12X35	3.350	CORPL4	1.200	1.300	CORPL4	0.600	0.600	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B11	V12X35	0.000	CORPL6	1.200	1.300	CORPL6	0.600	0.600	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B11	V12X35	1.700	CORPL6	0.300	0.300	CORPL3	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B11	V12X35	3.400	CORPL10	1.200	1.200	CORPL4	0.500	0.500	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B12	V12X35	0.000	CORPL6	1.200	1.200	CORPL6	0.500	0.500	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B12	V12X35	1.700	CORPL6	0.300	0.300	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B12	V12X35	3.400	CORPL4	0.700	0.700	CORPL4	0.200	0.200	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B13	V12X35	0.000	CORPL9	0.007	0.007	CORPL15	0.000	0.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B13	V12X35	1.090	CORPL10	0.800	0.800	CORPL10	0.400	0.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B13	V12X35	2.180	CORPL10	1.200	1.600	CORPL10	0.700	0.700	CORPL10	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B14	V35X45	0.000	CORPL11	0.000	0.000	CORPL5	0.007	0.007	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B14	V35X45	0.978	CORPL10	4.800	4.800	CORPL6	2.300	2.300	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B14	V35X45	1.955	CORPL6	4.800	9.300	CORPL6	3.900	3.900	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B15	V35X45	0.000	CORPL8	0.000	0.000	CORPL8	0.000	0.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B15	V35X45	0.978	CORPL10	4.800	4.800	CORPL3	2.400	2.400	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B15	V35X45	1.955	CORPL3	4.800	9.600	CORPL3	4.000	4.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B16	V35X45	0.000	CORPL18	0.000	0.000	CORPL8	0.000	0.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B16	V35X45	0.978	CORPL10	4.800	4.800	CORPL9	2.400	2.400	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B16	V35X45	1.955	CORPL9	4.800	9.500	CORPL9	4.000	4.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B17	V35X45	0.000	CORPL7	0.000	0.000	CORPL7	0.000	0.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B17	V35X45	0.978	CORPL10	4.800	4.800	CORPL8	2.400	2.400	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B17	V35X45	1.955	CORPL8	4.800	9.800	CORPL8	4.100	4.100	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B18	V35X45	0.000	CORPL18	0.000	0.000	CORPL7	0.000	0.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B18	V35X45	0.978	CORPL10	4.800	4.800	CORPL10	2.400	2.400	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B18	V35X45	1.955	CORPL10	4.800	9.500	CORPL10	4.000	4.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B19	V35X45	0.000	CORPL7	0.000	0.000	CORPL7	0.000	0.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B19	V35X45	0.978	CORPL10	4.800	4.800	CORPL8	2.400	2.400	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B19	V35X45	1.955	CORPL8	4.800	9.800	CORPL8	4.100	4.100	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B20	V35X45	0.000	CORPL18	0.000	0.000	CORPL7	0.000	0.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B20	V35X45	0.978	CORPL10	4.800	4.800	CORPL10	2.400	2.400	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B20	V35X45	1.955	CORPL10	4.800	9.500	CORPL10	4.000	4.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B21	V35X45	0.000	CORPL16	0.000	0.000	CORPL10	0.000	0.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B21	V35X45	0.978	CORPL10	4.800	4.800	CORPL8	2.500	2.500	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B21	V35X45	1.955	CORPL8	4.800	10.000	CORPL8	4.200	4.200	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B22	V35X45	0.000	CORPL18	0.000	0.000	CORPL8	0.000	0.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B22	V35X45	0.978	CORPL10	4.800	4.800	CORPL9	2.100	2.100	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B22	V35X45	1.955	CORPL9	4.800	8.300	CORPL9	3.500	3.500	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B23	V35X45	0.000	CORPL9	0.005	0.005	CORPL9	0.000	0.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B23	V35X45	0.978	CORPL7	4.500	4.500	CORPL7	1.800	1.800	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B23	V35X45	1.955	CORPL7	4.800	7.200	CORPL7	3.100	3.100	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B24	V35X45	0.000	CORPL18	0.000	0.000	CORPL6	0.015	0.015	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B24	V35X45	0.978	CORPL6	4.700	4.700	CORPL6	1.900	1.900	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B24	V35X45	1.955	CORPL6	4.800	7.700	CORPL6	3.300	3.300	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B25	V35X45	0.000	CORPL5	0.013	0.013	CORPL5	0.000	0.000	CORPL6	0.800	CORPL10	5.400	CORPL4	1.300	No Message	No Message
NE+3.45	B25	V35X45	0.978	CORPL4	2.300	2.300	CORPL4	1.000	1.000	CORPL6	0.800	CORPL10	5.400	CORPL4	1.300	No Message	No Message
NE+3.45	B25	V35X45	1.955	CORPL10	4.800	4.800	CORPL4	1.700	1.700	CORPL6	0.800	CORPL10	5.400	CORPL4	1.300	No Message	No Message
NE+3.45	B26	V35X45	0.000	CORPL15	0.000	0.000	CORPL9	0.006	0.006	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B26	V35X45	0.978	CORPL10	3.600	3.600	CORPL10	2.000	2.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B26	V35X45	1.955	CORPL10	4.800	8.000	CORPL10	3.400	3.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B27	V35X45	0.225	CORPL6	4.800	4.900	CORPL6	2.100	2.100	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B27	V35X45	2.260	CORPL6	1.300	1.300	CORPL3	3.000	3.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B27	V35X45	4.295	CORPL4	4.800	4.800	CORPL4	1.600	1.600	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B28	V35X45	0.225	CORPL8	4.800	4.800	CORPL6	1.800	1.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B28	V35X45	2.175	CORPL6	1.100	1.100	CORPL6	2.800	2.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B28	V35X45	4.125	CORPL4	4.800	4.800	CORPL4	1.600	1.600	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B29	V35X45	0.225	CORPL9	4.800	4.800	CORPL6	1.900	1.900	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B29	V35X45	2.260	CORPL6	1.200	1.200	CORPL3	3.100	3.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B29	V35X45	4.295	CORPL4	4.800	4.800	CORPL4	1.700	1.700	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B30	V35X45	0.225	CORPL8	4.800	4.800	CORPL6	1.800	1.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B30	V35X45	2.175	CORPL6	1.100	1.100	CORPL6	2.800	2.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B30	V35X45	4.125	CORPL4	4.800	4.800	CORPL4	1.600	1.600	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B31	V35X45	0.225	CORPL9	4.800	4.800	CORPL6	1.900	1.900	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B31	V35X45	2.260	CORPL6	1.200	1.200	CORPL4	3.100	3.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B31	V35X45	4.295	CORPL4	4.800	4.800	CORPL4	1.700	1.700	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B32	V35X45	0.225	CORPL8	4.800	4.800	CORPL6	1.800	1.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B32	V35X45	2.175	CORPL6	1.100	1.100	CORPL5	2.800	2.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B32	V35X45	4.125	CORPL4	4.800	4.800	CORPL4	1.600	1.600	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B33	V35X45	0.225	CORPL9	4.800	4.800	CORPL6	1.900	1.900	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B33	V35X45	2.260	CORPL6	1.100	1.100	CORPL4	3.100	3.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B33	V35X45	4.295	CORPL4	4.800	4.800	CORPL4	1.700	1.700	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B34	V35X45	0.225	CORPL9	4.800	4.800	CORPL6	1.900	1.900	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B34	V35X45	2.175	CORPL6	1.100	1.100	CORPL4	2.900	2.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B34	V35X45	4.125	CORPL4	4.400	4.400	CORPL4	1.400	1.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message

NE+3.45	B35	V35X45	0.225	CORPL6	3.800	3.800	CORPL6	1.200	1.200	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B35	V35X45	1.675	CORPL6	0.700	0.700	CORPL4	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B35	V35X45	3.125	CORPL4	2.500	2.500	CORPL4	0.800	0.800	CORPL12	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B36	V35X45	0.225	CORPL6	3.700	3.700	CORPL6	1.200	1.200	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B36	V35X45	1.700	CORPL6	0.700	0.700	CORPL4	1.700	1.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B36	V35X45	3.175	CORPL4	3.100	3.100	CORPL4	1.000	1.000	CORPL12	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B37	V35X45	0.225	CORPL6	4.200	4.200	CORPL6	1.400	1.400	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B37	V35X45	1.700	CORPL6	0.800	0.800	CORPL6	2.000	2.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B37	V35X45	3.175	CORPL4	2.600	2.600	CORPL4	0.900	0.900	CORPL12	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B38	V12X35	0.000	CORPL10	1.200	1.300	CORPL10	0.600	0.600	CORPL10	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B38	V12X35	2.075	CORPL10	0.300	0.300	CORPL10	0.300	0.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B38	V12X35	4.150	CORPL15	0.500	0.500	CORPL15	0.200	0.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B39	V35X45	0.225	CORPL9	4.400	4.400	CORPL9	1.500	1.500	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B39	V35X45	2.075	CORPL9	0.900	0.900	CORPL9	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B39	V35X45	3.925	CORPL15	2.600	2.600	CORPL9	1.300	1.300	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B40	V35X45	0.225	CORPL9	4.800	8.300	CORPL9	3.500	3.500	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B40	V35X45	2.188	CORPL9	2.100	2.100	CORPL9	2.100	2.100	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B40	V35X45	4.150	CORPL18	0.000	0.000	CORPL10	4.800	7.100	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B41	V35X45	0.225	CORPL9	4.200	4.200	CORPL9	1.400	1.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B41	V35X45	2.075	CORPL9	0.800	0.800	CORPL9	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B41	V35X45	3.925	CORPL15	2.500	2.500	CORPL9	1.100	1.100	CORPL8	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B42	V35X45	0.225	CORPL9	4.800	8.100	CORPL9	3.400	3.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B42	V35X45	2.188	CORPL9	2.000	2.000	CORPL9	2.000	2.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B42	V35X45	4.150	CORPL18	0.000	0.000	CORPL9	4.800	7.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B43	V35X45	0.225	CORPL9	4.100	4.100	CORPL9	1.300	1.300	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B43	V35X45	2.075	CORPL9	0.800	0.800	CORPL9	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B43	V35X45	3.925	CORPL15	2.400	2.400	CORPL9	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B44	V35X45	0.225	CORPL9	4.800	8.000	CORPL9	3.400	3.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B44	V35X45	2.188	CORPL9	2.000	2.000	CORPL9	2.000	2.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B44	V35X45	4.150	CORPL18	0.000	0.000	CORPL9	4.800	7.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B45	V35X45	0.225	CORPL10	4.000	4.000	CORPL10	1.300	1.300	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B45	V35X45	2.075	CORPL10	0.800	0.800	CORPL10	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B45	V35X45	3.925	CORPL16	2.300	2.300	CORPL10	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B46	V35X45	0.225	CORPL10	4.800	8.200	CORPL10	3.500	3.500	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B46	V35X45	2.188	CORPL10	2.100	2.100	CORPL10	2.100	2.100	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B46	V35X45	4.150	CORPL18	0.000	0.000	CORPL10	4.800	7.200	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B47	V35X45	0.225	CORPL10	3.600	3.600	CORPL10	1.200	1.200	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B47	V35X45	2.075	CORPL10	0.700	0.700	CORPL10	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B47	V35X45	3.925	CORPL8	2.100	2.100	CORPL8	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B48	V35X45	0.225	CORPL10	3.400	3.400	CORPL10	1.100	1.100	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B48	V35X45	2.075	CORPL10	0.700	0.700	CORPL10	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B48	V35X45	3.925	CORPL8	2.100	2.100	CORPL8	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B49	V35X45	0.225	CORPL10	2.800	2.800	CORPL10	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B49	V35X45	2.075	CORPL10	0.500	0.500	CORPL10	0.500	0.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B49	V35X45	3.925	CORPL16	1.400	1.400	CORPL10	1.300	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B50	V35X45	0.225	CORPL10	2.800	2.800	CORPL10	0.900	0.900	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B50	V35X45	2.075	CORPL10	0.600	0.600	CORPL8	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B50	V35X45	3.925	CORPL8	2.200	2.200	CORPL8	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B51	V35X45	0.000	CORPL4	0.007	0.007	CORPL4	0.000	0.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B51	V35X45	0.978	CORPL6	3.000	3.000	CORPL6	2.000	2.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B51	V35X45	1.955	CORPL6	4.800	7.800	CORPL6	3.300	3.300	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B52	V35X45	0.225	CORPL6	4.800	9.900	CORPL6	4.200	4.200	CORPL6	3.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B52	V35X45	2.373	CORPL6	2.500	2.500	CORPL3	3.900	3.900	CORPL6	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B52	V35X45	4.520	CORPL18	0.000	0.000	CORPL6	3.000	3.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B53	V35X45	0.000	CORPL18	0.000	0.000	CORPL3	3.000	3.000	CORPL9	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B53	V35X45	2.063	CORPL3	2.400	2.400	CORPL6	3.400	3.400	CORPL4	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B53	V35X45	4.125	CORPL3	4.800	9.600	CORPL3	4.000	4.000	CORPL3	3.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B54	V35X45	0.225	CORPL6	4.800	10.200	CORPL6	4.300	4.300	CORPL6	3.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B54	V35X45	2.373	CORPL6	2.500	2.500	CORPL3	3.700	3.700	CORPL8	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B54	V35X45	4.520	CORPL18	0.000	0.000	CORPL6	3.100	3.100	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B55	V35X45	0.000	CORPL18	0.000	0.000	CORPL3	3.100	3.100	CORPL9	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B55	V35X45	2.063	CORPL3	2.400	2.400	CORPL6	3.400	3.400	CORPL4	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B55	V35X45	4.125	CORPL3	4.800	9.600	CORPL3	4.000	4.000	CORPL3	3.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B56	V35X45	0.225	CORPL6	4.800	10.200	CORPL6	4.300	4.300	CORPL6	3.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B56	V35X45	2.373	CORPL6	2.500	2.500	CORPL3	3.700	3.700	CORPL8	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B56	V35X45	4.520	CORPL18	0.000	0.000	CORPL6	3.100	3.100	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B57	V35X45	0.000	CORPL18	0.000	0.000	CORPL3	3.100	3.100	CORPL9	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B57	V35X45	2.063	CORPL3	2.400	2.400	CORPL6	3.400	3.400	CORPL4	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B57	V35X45	4.125	CORPL3	4.800	9.600	CORPL3	4.000	4.000	CORPL3	3.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B58	V35X45	0.225	CORPL6	4.800	10.300	CORPL6	4.300	4.300	CORPL6	3.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B58	V35X45	2.373	CORPL6	2.500	2.500	CORPL3	3.600	3.600	CORPL8	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B58	V35X45	4.520	CORPL18	0.000	0.000	CORPL6	3.000	3.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B59	V35X45	0.000	CORPL18	0.000	0.000	CORPL3	3.000	3.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B59	V35X45	2.063	CORPL3	2.200	2.200	CORPL6	3.800	3.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B59	V35X45	4.125	CORPL3	4.800	8.800	CORPL3	3.700	3.700	CORPL3	3.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B60	V35X45	0.225	CORPL6	4.800	4.800	CORPL6	1.700	1.700	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B60	V35X45	1.675	CORPL6	1.000	1.000	CORPL4	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B60	V35X45	3.125	CORPL4	2.400	2.400	CORPL4	0.800	0.800	CORPL12	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B61	V35X45	0.225	CORPL6	4.000	4.000	CORPL6	1.300	1.300	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B61	V35X45	1.700	CORPL6	0.800	0.800	CORPL3	2.000	2.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B61	V35X45	3.175	CORPL4	3.400	3.400	CORPL4	1.100	1.100	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B62	V35X45	0.225	CORPL6	4.600	4.600	CORPL6	1.500	1.500	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B62	V35X45	1.700	CORPL6	0.900	0.900	CORPL6	2.300	2.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B62	V35X45	3.175	CORPL4	2.800	2.800	CORPL4	0.900	0.900	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B63	V12X35	0.000	CORPL17	0.500	0.500	CORPL17	0.200	0.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B63	V12X35	2.155	CORPL7	0.300	0.300	CORPL7	0.300	0.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B63	V12X35	4.310	CORPL7	1.200	1.400	CORPL7	0.600	0.600	CORPL10	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B64	V35X45	0.225	CORPL17	2.600	2.600	CORPL7	1.100	1.100	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B64	V35X45	2.155	CORPL7	0.900	0.900	CORPL7	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B64	V35X45	4.085	CORPL7	4.500	4.500	CORPL7	1.500	1.500	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B65	V35X45	0.000	CORPL18	0.000	0.000	CORPL7	4.800	7.100	CORPL8	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B65	V35X45	2.043	CORPL7	2.000	2.000	CORPL7	2.000	2.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B65	V35X45	4.085	CORPL7	4.800	8.100	CORPL7	3.400	3.400	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B66	V35X45	0.225	CORPL17	2.500	2.500	CORPL7	1.000	1.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B66	V35X45	2.155	CORPL7	0.800	0.800	CORPL7	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B66	V35X45	4.085	CORPL7	4.300	4.300	CORPL7	1.400	1.400	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message

NE+3.45	B67	V35X45	0.000	CORPL18	0.000	0.000	CORPL8	4.800	7.000	CORPL8	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B67	V35X45	2.043	CORPL7	2.000	2.000	CORPL7	2.000	2.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B67	V35X45	4.085	CORPL7	4.800	7.900	CORPL7	3.400	3.400	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B68	V35X45	0.225	CORPL17	2.400	2.400	CORPL7	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B68	V35X45	2.155	CORPL7	0.800	0.800	CORPL7	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B68	V35X45	4.085	CORPL7	4.200	4.200	CORPL7	1.400	1.400	CORPL8	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B69	V35X45	0.000	CORPL18	0.000	0.000	CORPL8	4.800	7.000	CORPL8	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B69	V35X45	2.043	CORPL8	2.000	2.000	CORPL8	2.000	2.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B69	V35X45	4.085	CORPL8	4.800	7.900	CORPL8	3.300	3.300	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B70	V35X45	0.225	CORPL18	2.300	2.300	CORPL8	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B70	V35X45	2.155	CORPL8	0.800	0.800	CORPL8	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B70	V35X45	4.085	CORPL8	4.000	4.000	CORPL8	1.300	1.300	CORPL8	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B71	V35X45	0.000	CORPL18	0.000	0.000	CORPL7	4.800	7.200	CORPL8	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B71	V35X45	2.043	CORPL7	2.000	2.000	CORPL7	2.000	2.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B71	V35X45	4.085	CORPL7	4.800	8.000	CORPL7	3.400	3.400	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B72	V35X45	0.225	CORPL10	2.200	2.200	CORPL10	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B72	V35X45	2.155	CORPL8	0.700	0.700	CORPL8	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B72	V35X45	4.085	CORPL8	3.700	3.700	CORPL8	1.200	1.200	CORPL8	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B73	V35X45	0.225	CORPL10	2.200	2.200	CORPL10	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B73	V35X45	2.155	CORPL8	0.700	0.700	CORPL10	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B73	V35X45	4.085	CORPL8	3.500	3.500	CORPL8	1.100	1.100	CORPL8	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B74	V35X45	0.225	CORPL18	1.400	1.400	CORPL8	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B74	V35X45	2.155	CORPL8	0.500	0.500	CORPL8	0.500	0.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B74	V35X45	4.085	CORPL8	2.800	2.800	CORPL8	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B75	V35X45	0.225	CORPL10	2.300	2.300	CORPL10	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B75	V35X45	2.155	CORPL8	0.600	0.600	CORPL9	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B75	V35X45	4.085	CORPL8	2.900	2.900	CORPL8	1.000	1.000	CORPL8	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B76	V35X45	0.000	CORPL18	0.000	0.000	CORPL8	0.007	0.007	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B76	V35X45	0.978	CORPL7	3.600	3.600	CORPL7	2.000	2.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B76	V35X45	1.955	CORPL7	4.800	8.100	CORPL7	3.400	3.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B77	V35X45	0.225	CORPL5	4.800	5.000	CORPL5	2.200	2.200	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B77	V35X45	2.260	CORPL5	1.300	1.300	CORPL4	3.000	3.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B77	V35X45	4.295	CORPL4	4.800	4.800	CORPL3	1.600	1.600	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B78	V35X45	0.225	CORPL9	4.800	4.800	CORPL5	1.900	1.900	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B78	V35X45	2.175	CORPL5	1.100	1.100	CORPL5	2.800	2.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B78	V35X45	4.125	CORPL4	4.800	4.800	CORPL3	1.600	1.600	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B79	V35X45	0.225	CORPL9	4.800	4.800	CORPL5	2.000	2.000	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B79	V35X45	2.260	CORPL5	1.200	1.200	CORPL4	3.100	3.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B79	V35X45	4.295	CORPL4	4.800	4.800	CORPL3	1.700	1.700	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B80	V35X45	0.225	CORPL9	4.800	4.800	CORPL5	1.900	1.900	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B80	V35X45	2.175	CORPL5	1.100	1.100	CORPL5	2.800	2.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B80	V35X45	4.125	CORPL4	4.800	4.800	CORPL3	1.600	1.600	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B81	V35X45	0.225	CORPL9	4.800	4.800	CORPL5	2.000	2.000	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B81	V35X45	2.260	CORPL5	1.200	1.200	CORPL3	3.100	3.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B81	V35X45	4.295	CORPL4	4.800	4.800	CORPL3	1.700	1.700	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B82	V35X45	0.225	CORPL9	4.800	4.800	CORPL5	1.800	1.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B82	V35X45	2.175	CORPL5	1.100	1.100	CORPL6	2.800	2.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B82	V35X45	4.125	CORPL4	4.800	4.800	CORPL3	1.600	1.600	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B83	V35X45	0.225	CORPL9	4.800	4.800	CORPL5	1.900	1.900	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B83	V35X45	2.260	CORPL5	1.200	1.200	CORPL3	3.100	3.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B83	V35X45	4.295	CORPL4	4.800	4.800	CORPL3	1.700	1.700	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B84	V35X45	0.225	CORPL9	4.800	4.800	CORPL5	1.900	1.900	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B84	V35X45	2.175	CORPL5	1.100	1.100	CORPL3	3.000	3.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B84	V35X45	4.125	CORPL3	4.500	4.500	CORPL3	1.500	1.500	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B85	V35X45	0.225	CORPL5	3.800	3.800	CORPL5	1.300	1.300	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B85	V35X45	1.675	CORPL5	0.800	0.800	CORPL3	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B85	V35X45	3.125	CORPL3	2.500	2.500	CORPL3	0.800	0.800	CORPL12	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B86	V35X45	0.225	CORPL5	3.800	3.800	CORPL5	1.200	1.200	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B86	V35X45	1.700	CORPL5	0.700	0.700	CORPL3	1.800	1.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B86	V35X45	3.175	CORPL3	3.100	3.100	CORPL3	1.000	1.000	CORPL12	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B87	V35X45	0.225	CORPL5	4.200	4.200	CORPL5	1.400	1.400	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B87	V35X45	1.700	CORPL5	0.800	0.800	CORPL5	2.000	2.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B87	V35X45	3.175	CORPL3	2.700	2.700	CORPL3	0.900	0.900	CORPL12	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B88	V12X35	0.000	CORPL7	1.200	1.600	CORPL7	0.700	0.700	CORPL10	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B88	V12X35	1.090	CORPL7	0.800	0.800	CORPL7	0.400	0.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B88	V12X35	2.180	CORPL8	0.008	0.008	CORPL8	0.000	0.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B89	V35X45	0.225	CORPL5	4.800	9.300	CORPL5	3.900	3.900	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B89	V35X45	1.203	CORPL10	4.800	4.800	CORPL5	2.300	2.300	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B89	V35X45	2.180	CORPL12	0.000	0.000	CORPL6	0.007	0.007	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B90	V35X45	0.225	CORPL4	4.800	9.600	CORPL4	4.000	4.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B90	V35X45	1.203	CORPL10	4.800	4.800	CORPL4	2.400	2.400	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B90	V35X45	2.180	CORPL9	0.000	0.000	CORPL9	0.000	0.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B91	V35X45	0.225	CORPL8	4.800	9.500	CORPL8	4.000	4.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B91	V35X45	1.203	CORPL10	4.800	4.800	CORPL8	2.400	2.400	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B91	V35X45	2.180	CORPL18	0.000	0.000	CORPL9	0.000	0.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B92	V35X45	0.225	CORPL9	4.800	9.800	CORPL9	4.100	4.100	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B92	V35X45	1.203	CORPL10	4.800	4.800	CORPL9	2.400	2.400	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B92	V35X45	2.180	CORPL9	0.000	0.000	CORPL9	0.000	0.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B93	V35X45	0.225	CORPL7	4.800	9.500	CORPL7	4.000	4.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B93	V35X45	1.203	CORPL10	4.800	4.800	CORPL7	2.400	2.400	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B93	V35X45	2.180	CORPL18	0.000	0.000	CORPL10	0.000	0.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B94	V35X45	0.225	CORPL9	4.800	9.800	CORPL9	4.100	4.100	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B94	V35X45	1.203	CORPL10	4.800	4.800	CORPL9	2.400	2.400	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B94	V35X45	2.180	CORPL10	0.000	0.000	CORPL10	0.000	0.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B95	V35X45	0.225	CORPL7	4.800	9.500	CORPL7	4.000	4.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B95	V35X45	1.203	CORPL10	4.800	4.800	CORPL7	2.400	2.400	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B95	V35X45	2.180	CORPL18	0.000	0.000	CORPL10	0.000	0.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B96	V35X45	0.225	CORPL9	4.800	9.900	CORPL9	4.200	4.200	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B96	V35X45	1.203	CORPL10	4.800	4.800	CORPL9	2.500	2.500	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B96	V35X45	2.180	CORPL18	0.000	0.000	CORPL7	0.000	0.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B97	V35X45	0.225	CORPL8	4.800	8.300	CORPL8	3.500	3.500	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B97	V35X45	1.203	CORPL10	4.800	4.800	CORPL8	2.100	2.100	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B97	V35X45	2.180	CORPL18	0.000	0.000	CORPL9	0.000	0.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B98	V35X45	0.225	CORPL10	4.800	7.200	CORPL10	3.100	3.100	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B98	V35X45	1.203	CORPL10	4.500	4.500	CORPL10	1.800	1.800	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B98	V35X45	2.180	CORPL8	0.005	0.005	CORPL8	0.000	0.000	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message

NE+3.45	B99	V35X45	0.225	CORPL5	4.800	7.600	CORPL5	3.300	3.300	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B99	V35X45	1.203	CORPL5	4.700	4.700	CORPL5	1.900	1.900	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B99	V35X45	2.180	CORPL18	0.000	0.000	CORPL5	0.015	0.015	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B100	V35X45	0.225	CORPL10	4.800	4.800	CORPL3	1.700	1.700	CORPL5	0.800	CORPL10	5.400	CORPL3	1.300	No Message	No Message
NE+3.45	B100	V35X45	1.203	CORPL3	2.300	2.300	CORPL3	1.000	1.000	CORPL5	0.800	CORPL10	5.400	CORPL3	1.300	No Message	No Message
NE+3.45	B100	V35X45	2.180	CORPL6	0.013	0.013	CORPL6	0.000	0.000	CORPL5	0.800	CORPL10	5.400	CORPL3	1.300	No Message	No Message
NE+3.45	B101	V12X35	0.000	CORPL8	0.000	0.000	CORPL18	0.005	0.005	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B101	V12X35	1.090	CORPL9	0.700	0.700	CORPL9	0.700	0.700	CORPL10	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B101	V12X35	2.180	CORPL9	1.200	2.600	CORPL9	1.100	1.100	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B102	V12X35	0.000	CORPL5	1.200	2.600	CORPL5	1.100	1.100	CORPL5	1.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B102	V12X35	2.260	CORPL5	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B102	V12X35	4.520	CORPL4	1.200	2.300	CORPL4	1.000	1.000	CORPL3	1.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B103	V12X35	0.000	CORPL5	1.200	2.300	CORPL5	1.000	1.000	CORPL5	1.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B103	V12X35	2.175	CORPL5	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B103	V12X35	4.350	CORPL3	1.200	2.100	CORPL3	0.900	0.900	CORPL3	1.100	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B104	V12X35	0.000	CORPL6	1.200	2.200	CORPL6	0.900	0.900	CORPL6	1.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B104	V12X35	2.260	CORPL4	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B104	V12X35	4.520	CORPL4	1.200	2.400	CORPL4	1.000	1.000	CORPL4	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B105	V12X35	0.000	CORPL5	1.200	2.400	CORPL5	1.000	1.000	CORPL5	1.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B105	V12X35	2.175	CORPL5	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B105	V12X35	4.350	CORPL3	1.200	2.100	CORPL3	0.900	0.900	CORPL3	1.100	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B106	V12X35	0.000	CORPL6	1.200	2.200	CORPL6	0.900	0.900	CORPL6	1.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B106	V12X35	2.260	CORPL4	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B106	V12X35	4.520	CORPL4	1.200	2.400	CORPL4	1.000	1.000	CORPL4	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B107	V12X35	0.000	CORPL5	1.200	2.400	CORPL5	1.000	1.000	CORPL5	1.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B107	V12X35	2.175	CORPL5	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B107	V12X35	4.350	CORPL3	1.200	2.100	CORPL3	0.900	0.900	CORPL3	1.100	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B108	V12X35	0.000	CORPL6	1.200	2.200	CORPL6	0.900	0.900	CORPL6	1.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B108	V12X35	2.260	CORPL4	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B108	V12X35	4.520	CORPL4	1.200	2.400	CORPL4	1.000	1.000	CORPL4	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B109	V12X35	0.000	CORPL5	1.200	2.400	CORPL5	1.000	1.000	CORPL5	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B109	V12X35	2.175	CORPL5	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B109	V12X35	4.350	CORPL3	1.200	1.800	CORPL3	0.700	0.700	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B110	V12X35	0.000	CORPL6	1.200	1.600	CORPL6	0.700	0.700	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B110	V12X35	1.675	CORPL6	0.400	0.400	CORPL10	0.600	0.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B110	V12X35	3.350	CORPL3	1.200	1.300	CORPL3	0.600	0.600	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B111	V12X35	0.000	CORPL5	1.200	1.300	CORPL5	0.600	0.600	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B111	V12X35	1.700	CORPL5	0.300	0.300	CORPL4	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B111	V12X35	3.400	CORPL10	1.200	1.200	CORPL3	0.500	0.500	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B112	V12X35	0.000	CORPL5	1.200	1.200	CORPL5	0.500	0.500	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B112	V12X35	1.700	CORPL5	0.300	0.300	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B112	V12X35	3.400	CORPL3	0.800	0.800	CORPL3	0.200	0.200	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message

Story	Label	Design Sect	Station	DesignOpt	PMMCombo	AsMin	As	Mid Bar As	CornerBar As	VMajCombo	VMajRebar	VMinCombo	VMinRebar	WarnMsg	ErrMsg
			m			cm²	cm²	cm²	cm²		cm²/m		cm²/m		
NE+6.80	C1	C45X45	0.000	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL16-1	3.800	No Message	No Message
NE+6.80	C1	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL16-1	3.800	No Message	No Message
NE+6.80	C1	C45X45	3.000	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL16-1	3.800	No Message	No Message
NE+6.80	C2	C45X45	0.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C2	C45X45	1.500	Design	CORPL18-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C2	C45X45	3.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C3	C45X45	0.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL8-1	3.800	No Message	No Message
NE+6.80	C3	C45X45	1.500	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL8-1	3.800	No Message	No Message
NE+6.80	C3	C45X45	3.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL8-1	3.800	No Message	No Message
NE+6.80	C4	C45X45	0.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C4	C45X45	1.500	Design	CORPL18-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C4	C45X45	3.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C5	C45X45	0.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL8-1	3.800	No Message	No Message
NE+6.80	C5	C45X45	1.500	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL8-1	3.800	No Message	No Message
NE+6.80	C5	C45X45	3.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL8-1	3.800	No Message	No Message
NE+6.80	C6	C45X45	0.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C6	C45X45	1.500	Design	CORPL17-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C6	C45X45	3.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C7	C45X45	0.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL8-1	3.800	No Message	No Message
NE+6.80	C7	C45X45	1.500	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL8-1	3.800	No Message	No Message
NE+6.80	C7	C45X45	3.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL8-1	3.800	No Message	No Message
NE+6.80	C8	C45X45	0.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C8	C45X45	1.500	Design	CORPL17-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C8	C45X45	3.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C9	C45X45	0.000	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL8-1	3.800	No Message	No Message
NE+6.80	C9	C45X45	1.500	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL8-1	3.800	No Message	No Message
NE+6.80	C9	C45X45	3.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL8-1	3.800	No Message	No Message
NE+6.80	C10	C45X45	0.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C10	C45X45	1.500	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C10	C45X45	3.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C11	C45X45	0.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C11	C45X45	1.500	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C11	C45X45	3.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C12	C45X45	0.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C12	C45X45	1.500	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C12	C45X45	3.000	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C13	C45X45	0.000	Design	CORPL17-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C13	C45X45	1.500	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C13	C45X45	3.000	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C14	C45X45	0.000	Design	CORPL17-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C14	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C14	C45X45	3.000	Design	CORPL17-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message

NE+6.80	C15	C45X45	0.000	Design	CORPL17-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C15	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C15	C45X45	3.000	Design	CORPL17-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C16	C45X45	0.000	Design	CORPL17-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C16	C45X45	1.500	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C16	C45X45	3.000	Design	CORPL17-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C17	C45X45	0.000	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C17	C45X45	1.500	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C17	C45X45	3.000	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C18	C45X45	0.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C18	C45X45	1.500	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C18	C45X45	3.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C19	C45X45	0.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C19	C45X45	1.500	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C19	C45X45	3.000	Design	CORPL13-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C20	C45X45	0.000	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C20	C45X45	1.500	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C20	C45X45	3.000	Design	CORPL17-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C21	C45X45	0.000	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL10-1	3.800	No Message	No Message
NE+6.80	C21	C45X45	1.500	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL10-1	3.800	No Message	No Message
NE+6.80	C21	C45X45	3.000	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL10-1	3.800	No Message	No Message
NE+6.80	C22	C45X45	0.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C22	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C22	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C23	C45X45	0.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL10-1	3.800	No Message	No Message
NE+6.80	C23	C45X45	1.500	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL10-1	3.800	No Message	No Message
NE+6.80	C23	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL10-1	3.800	No Message	No Message
NE+6.80	C24	C45X45	0.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C24	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C24	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C25	C45X45	0.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL10-1	3.800	No Message	No Message
NE+6.80	C25	C45X45	1.500	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL10-1	3.800	No Message	No Message
NE+6.80	C25	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL10-1	3.800	No Message	No Message
NE+6.80	C26	C45X45	0.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C26	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C26	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C27	C45X45	0.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL10-1	3.800	No Message	No Message
NE+6.80	C27	C45X45	1.500	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL10-1	3.800	No Message	No Message
NE+6.80	C27	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL10-1	3.800	No Message	No Message
NE+6.80	C28	C45X45	0.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C28	C45X45	1.500	Design	CORPL15-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C28	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C29	C45X45	0.000	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL10-1	3.800	No Message	No Message
NE+6.80	C29	C45X45	1.500	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL10-1	3.800	No Message	No Message
NE+6.80	C29	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL10-1	3.800	No Message	No Message
NE+6.80	C30	C45X45	0.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C30	C45X45	1.500	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C30	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C31	C45X45	0.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C31	C45X45	1.500	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C31	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C32	C45X45	0.000	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C32	C45X45	1.500	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C32	C45X45	3.000	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C1	C45X45	0.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C1	C45X45	1.500	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C1	C45X45	3.000	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C2	C45X45	0.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C2	C45X45	1.500	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C2	C45X45	3.000	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C3	C45X45	0.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C3	C45X45	1.500	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C3	C45X45	3.000	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C4	C45X45	0.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C4	C45X45	1.500	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C4	C45X45	3.000	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C5	C45X45	0.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C5	C45X45	1.500	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C5	C45X45	3.000	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C6	C45X45	0.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C6	C45X45	1.500	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C6	C45X45	3.000	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C7	C45X45	0.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C7	C45X45	1.500	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C7	C45X45	3.000	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C8	C45X45	0.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C8	C45X45	1.500	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C8	C45X45	3.000	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C9	C45X45	0.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C9	C45X45	1.500	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C9	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C10	C45X45	0.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C10	C45X45	1.500	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C10	C45X45	3.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message

NE+3.45	C11	C45X45	0.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C11	C45X45	1.500	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C11	C45X45	3.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C12	C45X45	0.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C12	C45X45	1.500	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C12	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C13	C45X45	0.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C13	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C13	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C14	C45X45	0.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C14	C45X45	1.500	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C14	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C15	C45X45	0.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C15	C45X45	1.500	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C15	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C16	C45X45	0.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C16	C45X45	1.500	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C16	C45X45	3.000	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C17	C45X45	0.000	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C17	C45X45	1.500	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C17	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C18	C45X45	0.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C18	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C18	C45X45	3.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C19	C45X45	0.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C19	C45X45	1.500	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C19	C45X45	3.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C20	C45X45	0.000	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C20	C45X45	1.500	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C20	C45X45	3.000	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C21	C45X45	0.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C21	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C21	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C22	C45X45	0.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C22	C45X45	1.500	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C22	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C23	C45X45	0.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C23	C45X45	1.500	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C23	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C24	C45X45	0.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C24	C45X45	1.500	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C24	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C25	C45X45	0.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C25	C45X45	1.500	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C25	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C26	C45X45	0.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C26	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C26	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C27	C45X45	0.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C27	C45X45	1.500	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C27	C45X45	3.000	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C28	C45X45	0.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C28	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C28	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C29	C45X45	0.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C29	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C29	C45X45	3.000	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C30	C45X45	0.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C30	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C30	C45X45	3.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C31	C45X45	0.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C31	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C31	C45X45	3.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C32	C45X45	0.000	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C32	C45X45	1.500	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C32	C45X45	3.000	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message

3.4 DISEÑO DE LA CIMENTACIÓN

DISEÑO DE ZAPATAS

σadm = 170.00 kN/m^2 f`c = 21000.00 kN/m^2

ZAPATAS CUADRADAS Y RECTANGULARES

		SECCION COLUMNA				SECCION ZAPATA				FLEXION											
CO	Preal (kN)	En X (m)	En Y (m)	Area (m^2)	Lado (m)	B(m)	L(m)	σneta (kN/m^2)	σneta < σadm	Mox (kN-m)	Moy (kN-m)	ϕMnx (kN-m)	ϕMoy (kN-m)	h (m)	ρx	ρy	Asx (mm^2)	Asy (mm^2)	Barra #	Sep. (m)	Barra #	Sep. (m)
A3	433.90	0.45	0.45	2.81	1.68	1.70	1.70	156.14	ok	207.38	51.84	290.33	72.58	0.40	0.0047	0.0011	1494	800	5	0.13	5	0.25
B3	405.50	0.45	0.45	2.62	1.62	1.70	1.70	145.92	ok	48.45	48.45	67.83	67.83	0.40	0.0010	0.0010	800	800	5	0.25	5	0.25

C3	373.50	0.45	0.45	2.42	1.55	1.60	1.60	151.73	ok	40.13	40.13	56.19	56.19	0.40	0.0009	0.0009	800	800	5	0.25	5	0.25
D3	411.90	0.45	0.45	2.67	1.63	1.70	1.70	148.23	ok	49.22	49.22	68.90	68.90	0.40	0.0011	0.0011	800	800	5	0.25	5	0.25
E3	373.10	0.45	0.45	2.41	1.55	1.60	1.60	151.57	ok	40.09	40.09	56.13	56.13	0.40	0.0009	0.0009	800	800	5	0.25	5	0.25
F3	411.90	0.45	0.45	2.67	1.63	1.70	1.70	148.23	ok	49.22	49.22	68.90	68.90	0.40	0.0011	0.0011	800	800	5	0.25	5	0.25
G3	373.20	0.45	0.45	2.41	1.55	1.60	1.60	151.61	ok	40.10	40.10	56.14	56.14	0.40	0.0009	0.0009	800	800	5	0.25	5	0.25
H3	415.90	0.45	0.45	2.69	1.64	1.70	1.70	149.67	ok	49.69	49.69	69.57	69.57	0.40	0.0011	0.0011	800	800	5	0.25	5	0.25
I3	324.50	0.45	0.45	2.10	1.45	1.45	1.45	160.51	ok	29.09	29.09	40.73	40.73	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
J3	289.10	0.45	0.45	1.87	1.37	1.45	1.45	143.00	ok	25.92	25.92	36.29	36.29	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
K3	296.40	0.45	0.45	1.92	1.38	1.45	1.45	146.61	ok	26.57	26.57	37.20	37.20	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
L3	199.10	0.45	0.45	1.29	1.14	1.30	1.30	122.52	ok	14.38	14.38	20.14	20.14	0.40	0.0004	0.0004	800	800	5	0.25	5	0.25
A2	389.60	0.45	0.45	2.52	1.59	1.60	1.60	158.28	ok	41.86	41.86	58.61	58.61	0.40	0.0010	0.0010	800	800	5	0.25	5	0.25
C2	350.20	0.45	0.45	2.27	1.51	1.60	1.60	142.27	ok	37.63	37.63	52.68	52.68	0.40	0.0009	0.0009	800	800	5	0.25	5	0.25
E2	350.20	0.45	0.45	2.27	1.51	1.60	1.60	142.27	ok	37.63	37.63	52.68	52.68	0.40	0.0009	0.0009	800	800	5	0.25	5	0.25
G2	350.20	0.45	0.45	2.27	1.51	1.60	1.60	142.27	ok	37.63	37.63	52.68	52.68	0.40	0.0009	0.0009	800	800	5	0.25	5	0.25
I2	292.80	0.45	0.45	1.89	1.38	1.45	1.45	144.83	ok	26.25	26.25	36.75	36.75	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
J2	225.10	0.45	0.45	1.46	1.21	1.45	1.45	111.35	ok	20.18	20.18	28.25	28.25	0.40	0.0005	0.0005	800	800	5	0.25	5	0.25
K2	217.60	0.45	0.45	1.41	1.19	1.45	1.45	107.64	ok	19.51	19.51	27.31	27.31	0.40	0.0005	0.0005	800	800	5	0.25	5	0.25
L2	174.20	0.45	0.45	1.13	1.06	1.30	1.30	107.20	ok	12.59	12.59	17.62	17.62	0.40	0.0004	0.0004	800	800	5	0.25	5	0.25
A1	439.60	0.45	0.45	2.84	1.69	1.70	1.70	158.20	ok	52.53	52.53	73.54	73.54	0.40	0.0011	0.0011	800	800	5	0.25	5	0.25
B1	406.20	0.45	0.45	2.63	1.62	1.70	1.70	146.18	ok	48.53	48.53	67.95	67.95	0.40	0.0010	0.0010	800	800	5	0.25	5	0.25
C1	377.60	0.45	0.45	2.44	1.56	1.60	1.60	153.40	ok	40.57	40.57	56.80	56.80	0.40	0.0009	0.0009	800	800	5	0.25	5	0.25
D1	412.60	0.45	0.45	2.67	1.63	1.70	1.70	148.48	ok	49.30	49.30	69.02	69.02	0.40	0.0011	0.0011	800	800	6	0.36	6	0.36
E1	377.10	0.45	0.45	2.44	1.56	1.60	1.60	153.20	ok	40.52	40.52	56.73	56.73	0.40	0.0009	0.0009	800	800	7	0.48	7	0.48
F1	412.60	0.45	0.45	2.67	1.63	1.70	1.70	148.48	ok	49.30	49.30	69.02	69.02	0.40	0.0011	0.0011	800	800	8	0.63	8	0.63
G1	377.10	0.45	0.45	2.44	1.56	1.60	1.60	153.20	ok	40.52	40.52	56.73	56.73	0.40	0.0009	0.0009	800	800	9	0.80	9	0.80
H1	416.50	0.45	0.45	2.70	1.64	1.70	1.70	149.88	ok	49.77	49.77	69.67	69.67	0.40	0.0011	0.0011	800	800	10	0.99	10	0.99
I10	328.10	0.45	0.45	2.12	1.46	1.45	1.45	162.29	ok	29.42	29.42	41.18	41.18	0.40	0.0007	0.0007	800	800	11	1.20	11	1.20
J1	292.40	0.45	0.45	1.89	1.38	1.45	1.45	144.64	ok	26.22	26.22	36.70	36.70	0.40	0.0007	0.0007	800	800	12	1.43	12	1.43
K1	299.10	0.45	0.45	1.94	1.39	1.45	1.45	147.95	ok	26.82	26.82	37.54	37.54	0.40	0.0007	0.0007	800	800	13	1.67	13	1.67
L1	201.60	0.45	0.45	1.30	1.14	1.30	1.30	124.06	ok	14.57	14.57	20.39	20.39	0.40	0.0004	0.0004	800	800	14	1.94	14	1.94

		SECCION COLUMNA				SECCION ZAPATA			CORTANTE							
Zapata	Preal (kN)	En X (m)	En Y (m)	Area (m^2)	Lado (m)	B(m)	L(m)	σneta (kN/m^2)	Vdx (kN)	Vdy (kN)	Vux (kN)	Vuy (kN)	vux (kN)	vuy (kN)	Rev x	Rev y
A3	433.90	0.45	0.45	2.81	1.68	1.70	1.70	157.65	81.74	81.74	126.70	126.70	232.90	232.90	ok	ok
B3	405.50	0.45	0.45	2.62	1.62	1.70	1.70	147.33	76.39	76.39	118.40	118.40	217.65	217.65	ok	ok
C3	373.50	0.45	0.45	2.42	1.55	1.60	1.60	153.19	62.50	62.50	96.88	96.88	189.22	189.22	ok	ok
D3	411.90	0.45	0.45	2.67	1.63	1.70	1.70	149.65	77.59	77.59	120.27	120.27	221.09	221.09	ok	ok
E3	373.10	0.45	0.45	2.41	1.55	1.60	1.60	153.03	62.44	62.44	96.78	96.78	189.02	189.02	ok	ok
F3	411.90	0.45	0.45	2.67	1.63	1.70	1.70	149.65	77.59	77.59	120.27	120.27	221.09	221.09	ok	ok
G3	373.20	0.45	0.45	2.41	1.55	1.60	1.60	153.07	62.45	62.45	96.80	96.80	189.07	189.07	ok	ok
H3	415.90	0.45	0.45	2.69	1.64	1.70	1.70	151.11	78.35	78.35	121.44	121.44	223.23	223.23	ok	ok
I3	324.50	0.45	0.45	2.10	1.45	1.45	1.45	162.06	42.30	42.30	65.56	65.56	141.29	141.29	ok	ok
J3	289.10	0.45	0.45	1.87	1.37	1.45	1.45	144.38	37.68	37.68	58.41	58.41	125.88	125.88	ok	ok
K3	296.40	0.45	0.45	1.92	1.38	1.45	1.45	148.02	38.63	38.63	59.88	59.88	129.06	129.06	ok	ok
L3	199.10	0.45	0.45	1.29	1.14	1.30	1.30	123.70	16.89	16.89	26.17	26.17	62.91	62.91	ok	ok
A2	389.60	0.45	0.45	2.52	1.59	1.60	1.60	159.80	65.20	65.20	101.06	101.06	197.37	197.37	ok	ok
C2	350.20	0.45	0.45	2.27	1.51	1.60	1.60	143.64	58.60	58.60	90.84	90.84	177.41	177.41	ok	ok
E2	350.20	0.45	0.45	2.27	1.51	1.60	1.60	143.64	58.60	58.60	90.84	90.84	177.41	177.41	ok	ok
G2	350.20	0.45	0.45	2.27	1.51	1.60	1.60	143.64	58.60	58.60	90.84	90.84	177.41	177.41	ok	ok
I2	292.80	0.45	0.45	1.89	1.38	1.45	1.45	146.23	38.16	38.16	59.16	59.16	127.49	127.49	ok	ok
J2	225.10	0.45	0.45	1.46	1.21	1.45	1.45	112.42	29.34	29.34	45.48	45.48	98.01	98.01	ok	ok
K2	217.60	0.45	0.45	1.41	1.19	1.45	1.45	108.67	28.36	28.36	43.96	43.96	94.75	94.75	ok	ok
L2	174.20	0.45	0.45	1.13	1.06	1.30	1.30	108.23	14.77	14.77	22.90	22.90	55.05	55.05	ok	ok

A1	439.60	0.45	0.45	2.84	1.69	1.70	1.70	159.72	82.81	82.81	128.36	128.36	235.96	235.96	ok	ok
B1	406.20	0.45	0.45	2.63	1.62	1.70	1.70	147.58	76.52	76.52	118.61	118.61	218.03	218.03	ok	ok
C1	377.60	0.45	0.45	2.44	1.56	1.60	1.60	154.88	63.19	63.19	97.94	97.94	191.29	191.29	ok	ok
D1	412.60	0.45	0.45	2.67	1.63	1.70	1.70	149.91	77.73	77.73	120.48	120.48	221.46	221.46	ok	ok
E1	377.10	0.45	0.45	2.44	1.56	1.60	1.60	154.67	63.11	63.11	97.81	97.81	191.04	191.04	ok	ok
F1	412.60	0.45	0.45	2.67	1.63	1.70	1.70	149.91	77.73	77.73	120.48	120.48	221.46	221.46	ok	ok
G1	377.10	0.45	0.45	2.44	1.56	1.60	1.60	154.67	63.11	63.11	97.81	97.81	191.04	191.04	ok	ok
H1	416.50	0.45	0.45	2.70	1.64	1.70	1.70	151.32	78.46	78.46	121.61	121.61	223.56	223.56	ok	ok
I10	328.10	0.45	0.45	2.12	1.46	1.45	1.45	163.85	42.77	42.77	66.29	66.29	142.86	142.86	ok	ok
J1	292.40	0.45	0.45	1.89	1.38	1.45	1.45	146.03	38.11	38.11	59.07	59.07	127.32	127.32	ok	ok
K1	299.10	0.45	0.45	1.94	1.39	1.45	1.45	149.37	38.99	38.99	60.43	60.43	130.23	130.23	ok	ok
L1	201.60	0.45	0.45	1.30	1.14	1.30	1.30	125.25	17.10	17.10	26.50	26.50	63.70	63.70	ok	ok

DISEÑO DE VIGAS DE AMARRE

f`c = 21000.00 kN/m^2

fy = 420000.00 kN/m^2

					FLEXION						Seccion				REFUERZO					
Viga Amarre	L1 (m)	L2 (m)	Pu (kN)	Po (kN)	Mo1 (kN-m)	Mo2 (kN-m)	Mo3 (kN-m)	fMn1 (kN-m)	fMn2 (kN-m)	fMn3 (kN-m)	b (m)	h(m)	d(m)	Amax (mm^2)	Barra #	Cant.	Barra #	Cant.	Assum (mm^2)	
VC-1	4.52	4.35	439.60	43.96	47.79	48.70	49.66	74.07	75.49	76.97	0.30	0.40	0.35	711	6	3			855	OK
VC-2	3.40	3.40	292.80	29.28	24.89	24.89	24.89	38.58	38.58	38.58	0.30	0.40	0.35	347	5	3			594	OK
VC-3	4.15	4.31	439.60	43.96	47.35	46.45	45.59	73.39	72.00	70.67	0.30	0.40	0.35	675	6	3			855	OK

					CORTANTE					
Viga Amarre	L1 (m)	L2(m)	Pu (kN)	Po(kN)	Vo1 (kN)	Vo3 (kN)	fVn1 (kN)	fVn3 (kN)	Rev 1	Rev 3
VC-1	4.52	4.35	439.60	43.96	21.35	22.61	315.14	333.79	ok	ok
VC-2	3.40	3.40	292.80	29.28	14.64	14.64	216.11	216.11	ok	ok
VC-3	4.15	4.31	439.60	43.96	22.60	21.36	333.67	315.26	ok	ok

3.4.1 REACCIONES EN LA CIMENTACIÓN

Story	Label	Output Case	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m	MZ tonf-m
Base	15	PPROPIO	-0.130	-0.150	10.500	0.180	-0.090	0.000
Base	15	MUERTA	0.080	-0.660	23.400	0.770	0.260	0.000
Base	15	VIVA	-0.470	-1.000	9.490	1.130	-0.420	0.000
Base	15	SISMOX	-2.660	-0.090	-2.270	0.230	-6.720	0.010
Base	15	SISMOY	0.180	-3.720	-4.180	9.780	0.370	0.070
Base	16	PPROPIO	0.010	0.140	10.610	-0.160	0.070	0.000
Base	16	MUERTA	-0.040	0.310	21.120	-0.340	0.130	0.000
Base	16	VIVA	0.090	-0.720	8.820	0.820	0.200	0.000
Base	16	SISMOX	-3.270	-0.090	0.050	0.210	-7.420	0.010
Base	16	SISMOY	0.170	-2.930	-1.280	8.720	0.360	0.070
Base	17	PPROPIO	0.030	-0.140	9.300	0.160	0.080	0.000
Base	17	MUERTA	0.110	-0.560	20.220	0.640	0.300	0.000
Base	17	VIVA	0.100	-1.040	7.840	1.190	0.220	0.000
Base	17	SISMOX	-3.220	-0.070	0.110	0.160	-7.360	0.010
Base	17	SISMOY	0.160	-3.570	-3.790	9.260	0.350	0.070
Base	18	PPROPIO	0.010	0.130	10.730	-0.150	0.070	0.000
Base	18	MUERTA	-0.003	0.260	21.480	-0.280	0.170	0.000
Base	18	VIVA	0.050	-0.720	8.980	0.820	0.160	0.000
Base	18	SISMOX	-3.260	-0.050	-0.170	0.120	-7.390	0.010
Base	18	SISMOY	0.160	-2.740	-1.140	8.150	0.350	0.070
Base	19	PPROPIO	0.030	-0.140	9.290	0.160	0.090	0.000
Base	19	MUERTA	0.120	-0.560	20.190	0.640	0.310	0.000
Base	19	VIVA	0.110	-1.040	7.830	1.180	0.230	0.000
Base	19	SISMOX	-3.240	-0.030	0.140	0.080	-7.370	0.010
Base	19	SISMOY	0.160	-3.270	-3.600	8.570	0.350	0.070
Base	20	PPROPIO	0.020	0.130	10.730	-0.150	0.070	0.000
Base	20	MUERTA	0.010	0.260	21.480	-0.290	0.180	0.000
Base	20	VIVA	0.050	-0.720	8.980	0.820	0.160	0.000
Base	20	SISMOX	-3.270	-0.010	-0.160	0.030	-7.410	0.010
Base	20	SISMOY	0.160	-2.470	-1.090	7.490	0.350	0.070

Story	Label	Output Case	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m	MZ tonf-m
Base	36	PPROPIO	-0.250	0.010	9.160	-0.010	-0.230	0.000
Base	36	MUERTA	-1.080	0.010	15.100	-0.002	-1.050	0.000
Base	36	VIVA	-0.300	-0.004	5.020	0.010	-0.240	0.000
Base	36	SISMOX	-3.220	0.060	-2.760	-0.120	-7.380	0.010
Base	36	SISMOY	-0.001	-3.640	0.220	8.290	0.001	0.070
Base	37	PPROPIO	0.040	0.010	7.230	-0.010	0.090	0.000
Base	37	MUERTA	0.260	0.010	11.980	-0.001	0.470	0.000
Base	37	VIVA	0.110	-0.005	3.290	0.010	0.230	0.000
Base	37	SISMOX	-3.570	0.080	0.250	-0.160	-7.780	0.010
Base	37	SISMOY	0.003	-3.600	0.180	8.110	0.010	0.070
Base	38	PPROPIO	0.020	0.010	7.450	-0.010	0.080	0.000
Base	38	MUERTA	0.090	-0.010	10.800	0.010	0.270	0.000
Base	38	VIVA	0.090	-0.004	3.510	0.010	0.200	0.000
Base	38	SISMOX	-3.590	0.090	-0.280	-0.190	-7.800	0.010
Base	38	SISMOY	0.003	-3.510	0.180	7.870	0.010	0.070
Base	39	PPROPIO	-0.050	0.010	6.400	-0.010	0.003	0.000
Base	39	MUERTA	-0.530	0.010	9.450	-0.002	-0.420	0.000
Base	39	VIVA	-0.100	-0.004	1.580	0.010	-0.010	0.000
Base	39	SISMOX	-2.940	0.110	3.360	-0.230	-7.060	0.010
Base	39	SISMOY	0.003	-3.410	0.170	7.620	0.010	0.070
Base	42	PPROPIO	-0.130	0.140	10.570	-0.160	-0.090	0.000
Base	42	MUERTA	0.070	0.630	23.770	-0.700	0.260	0.000
Base	42	VIVA	-0.480	0.990	9.630	-1.110	-0.440	0.000
Base	42	SISMOX	-2.700	-0.140	-2.170	0.290	-6.810	0.010
Base	42	SISMOY	-0.180	-3.680	3.900	9.740	-0.370	0.070
Base	43	PPROPIO	0.010	-0.140	10.590	0.160	0.070	0.000
Base	43	MUERTA	-0.050	-0.280	21.180	0.330	0.120	0.000
Base	43	VIVA	0.080	0.730	8.850	-0.820	0.200	0.000
Base	43	SISMOX	-3.320	-0.080	0.080	0.200	-7.510	0.010
Base	43	SISMOY	-0.170	-2.920	1.240	8.700	-0.360	0.070

Base	21	PPROPIO	0.030	-0.140	9.290	0.160	0.090	0.000
Base	21	MUERTA	0.120	-0.550	20.200	0.630	0.310	0.000
Base	21	VIVA	0.110	-1.040	7.830	1.180	0.230	0.000
Base	21	SISMOX	-3.250	0.010	0.160	-0.020	-7.390	0.010
Base	21	SISMOY	0.160	-2.980	-3.400	7.890	0.350	0.070
Base	22	PPROPIO	0.020	0.140	10.780	-0.150	0.080	0.000
Base	22	MUERTA	0.040	0.280	21.720	-0.310	0.220	0.000
Base	22	VIVA	0.060	-0.730	9.080	0.820	0.180	0.000
Base	22	SISMOX	-3.270	0.030	-0.090	-0.070	-7.410	0.010
Base	22	SISMOY	0.160	-2.270	-1.010	6.900	0.350	0.070
Base	23	PPROPIO	-0.010	-0.130	8.830	0.150	0.050	0.000
Base	23	MUERTA	-0.290	-0.470	16.720	0.530	-0.160	0.000
Base	23	VIVA	-0.030	-0.910	6.910	1.030	0.070	0.000
Base	23	SISMOX	-3.400	0.050	-1.240	-0.110	-7.550	0.010
Base	23	SISMOY	0.170	-2.910	-2.890	7.450	0.360	0.070
Base	24	PPROPIO	0.030	-0.120	8.370	0.140	0.090	0.000
Base	24	MUERTA	0.230	-0.390	14.540	0.450	0.440	0.000
Base	24	VIVA	0.100	-0.800	6.010	0.910	0.220	0.000
Base	24	SISMOX	-3.510	0.060	0.180	-0.140	-7.680	0.010
Base	24	SISMOY	0.180	-2.940	-2.700	7.350	0.370	0.070
Base	25	PPROPIO	0.030	-0.130	8.460	0.150	0.090	0.000
Base	25	MUERTA	0.110	-0.650	14.920	0.740	0.300	0.000
Base	25	VIVA	0.100	-0.840	6.270	0.950	0.220	0.000
Base	25	SISMOX	-3.540	0.090	-0.270	-0.190	-7.710	0.010
Base	25	SISMOY	0.180	-2.870	-2.550	7.140	0.370	0.070
Base	26	PPROPIO	-0.040	-0.080	6.920	0.100	0.010	0.000
Base	26	MUERTA	-0.390	-0.160	10.190	0.180	-0.270	0.000
Base	26	VIVA	-0.160	-0.380	2.800	0.430	-0.070	0.000
Base	26	SISMOX	-2.880	0.080	3.580	-0.200	-6.970	0.010
Base	26	SISMOY	0.150	-2.790	-2.580	6.920	0.340	0.070
Base	28	PPROPIO	0.140	0.010	10.160	-0.010	0.210	0.000
Base	28	MUERTA	1.070	-0.010	20.920	0.020	1.390	0.000
Base	28	VIVA	-0.260	-0.010	7.880	0.020	-0.190	0.000
Base	28	SISMOX	-2.380	-0.140	-0.720	0.280	-6.420	0.010
Base	28	SISMOY	0.010	-4.710	0.310	10.910	0.010	0.070
Base	30	PPROPIO	0.010	0.010	10.580	-0.010	0.060	0.000
Base	30	MUERTA	0.010	0.004	18.180	0.010	0.180	0.000
Base	30	VIVA	0.080	-0.010	6.270	0.010	0.190	0.000
Base	30	SISMOX	-2.760	-0.090	0.030	0.180	-6.850	0.010
Base	30	SISMOY	0.003	-4.530	0.290	10.350	0.010	0.070
Base	32	PPROPIO	0.010	0.010	10.570	-0.010	0.060	0.000
Base	32	MUERTA	0.030	0.010	18.180	0.005	0.210	0.000
Base	32	VIVA	0.080	-0.010	6.270	0.010	0.190	0.000
Base	32	SISMOX	-2.780	-0.040	0.030	0.080	-6.880	0.010
Base	32	SISMOY	0.003	-4.180	0.280	9.600	0.010	0.070
Base	34	PPROPIO	0.010	0.010	10.580	-0.010	0.060	0.000
Base	34	MUERTA	0.050	0.010	18.180	0.000	0.230	0.000
Base	34	VIVA	0.080	-0.004	6.270	0.010	0.190	0.000
Base	34	SISMOX	-2.800	0.010	0.030	-0.020	-6.900	0.010
Base	34	SISMOY	0.002	-3.820	0.260	8.840	0.010	0.070

Base	44	PPROPIO	0.030	0.130	9.350	-0.150	0.080	0.000
Base	44	MUERTA	0.110	0.530	20.480	-0.580	0.290	0.000
Base	44	VIVA	0.100	1.040	7.920	-1.170	0.220	0.000
Base	44	SISMOX	-3.270	-0.070	0.190	0.170	-7.450	0.010
Base	44	SISMOY	-0.170	-3.540	3.530	9.220	-0.360	0.070
Base	45	PPROPIO	0.010	-0.130	10.720	0.150	0.070	0.000
Base	45	MUERTA	-0.010	-0.230	21.530	0.270	0.170	0.000
Base	45	VIVA	0.050	0.730	9.000	-0.820	0.160	0.000
Base	45	SISMOX	-3.300	-0.040	-0.150	0.110	-7.490	0.010
Base	45	SISMOY	-0.170	-2.730	1.100	8.140	-0.360	0.070
Base	46	PPROPIO	0.030	0.130	9.340	-0.150	0.090	0.000
Base	46	MUERTA	0.110	0.530	20.460	-0.590	0.300	0.000
Base	46	VIVA	0.110	1.040	7.910	-1.170	0.230	0.000
Base	46	SISMOX	-3.280	-0.030	0.180	0.070	-7.470	0.010
Base	46	SISMOY	-0.170	-3.240	3.350	8.540	-0.360	0.070
Base	47	PPROPIO	0.020	-0.130	10.720	0.150	0.070	0.000
Base	47	MUERTA	0.002	-0.230	21.530	0.270	0.180	0.000
Base	47	VIVA	0.050	0.730	9.010	-0.820	0.160	0.000
Base	47	SISMOX	-3.310	-0.010	-0.160	0.020	-7.500	0.010
Base	47	SISMOY	-0.170	-2.460	1.050	7.480	-0.360	0.070
Base	48	PPROPIO	0.030	0.130	9.340	-0.150	0.090	0.000
Base	48	MUERTA	0.120	0.530	20.460	-0.590	0.310	0.000
Base	48	VIVA	0.110	1.040	7.910	-1.170	0.230	0.000
Base	48	SISMOX	-3.290	0.010	0.160	-0.020	-7.480	0.010
Base	48	SISMOY	-0.170	-2.950	3.170	7.850	-0.360	0.070
Base	49	PPROPIO	0.020	-0.130	10.770	0.150	0.080	0.000
Base	49	MUERTA	0.030	-0.240	21.770	0.280	0.210	0.000
Base	49	VIVA	0.060	0.740	9.100	-0.830	0.170	0.000
Base	49	SISMOX	-3.320	0.020	-0.100	-0.050	-7.510	0.010
Base	49	SISMOY	-0.170	-2.260	0.980	6.900	-0.360	0.070
Base	50	PPROPIO	-0.010	0.120	8.880	-0.140	0.050	0.000
Base	50	MUERTA	-0.300	0.440	16.950	-0.500	-0.170	0.000
Base	50	VIVA	-0.040	0.910	6.980	-1.020	0.060	0.000
Base	50	SISMOX	-3.440	0.050	-1.300	-0.110	-7.650	0.010
Base	50	SISMOY	-0.170	-2.880	2.690	7.430	-0.370	0.070
Base	51	PPROPIO	0.030	0.110	8.420	-0.130	0.090	0.000
Base	51	MUERTA	0.230	0.370	14.750	-0.410	0.440	0.000
Base	51	VIVA	0.100	0.800	6.070	-0.900	0.220	0.000
Base	51	SISMOX	-3.550	0.070	0.120	-0.150	-7.770	0.010
Base	51	SISMOY	-0.180	-2.910	2.510	7.320	-0.370	0.070
Base	52	PPROPIO	0.030	0.120	8.510	-0.140	0.090	0.000
Base	52	MUERTA	0.100	0.650	15.070	-0.730	0.290	0.000
Base	52	VIVA	0.100	0.840	6.330	-0.940	0.220	0.000
Base	52	SISMOX	-3.580	0.070	-0.350	-0.170	-7.810	0.010
Base	52	SISMOY	-0.180	-2.850	2.370	7.120	-0.370	0.070
Base	53	PPROPIO	-0.040	0.080	6.970	-0.090	0.010	0.000
Base	53	MUERTA	-0.400	0.140	10.360	-0.150	-0.280	0.000
Base	53	VIVA	-0.160	0.380	2.830	-0.420	-0.080	0.000
Base	53	SISMOX	-2.920	0.120	3.520	-0.240	-7.060	0.010
Base	53	SISMOY	-0.150	-2.770	2.420	6.890	-0.340	0.070

3.5 DISEÑO ELEMENTOS NO ESTRUCTURALES

3.5.1 DISEÑO MUROS FACHADA Y DIVISORIOS

DISEÑO MURO DE FACHADA SOPORTADO EN LA BASE Y EN EL EXTREMO SUPERIOR
(Mamposteria de Perforación Vertical)

GEOMETRIA DEL MURO

Altura del muro	H=	3.00	m
Espesor del Muro	e=	0.12	m
Nivel de localización del muro		Piso DOS	
Densidad del material del muro	γm=	1800	Kg/m³
Peso del Muro	w=	2.2	KN/m²
Resistencia a la compresión del muro	f'm=	5.0	MPa

MAMPOSTERIA

Tipo de Mampostería	=	Perforación Vertical
Ubicación	=	Fachada
Tipo de Apoyo	=	Apoyo Superior e inferior aislado lateralmente

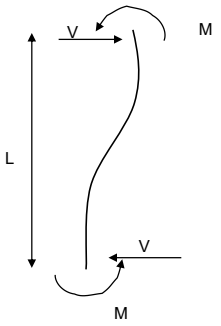
CRITERIOS DE DISEÑO

1-	Grupo de Uso		III	
2-	Coeficiente de importancia	*I*=	1.25	
3-	Grado mínimo de Desempeño		Superior	Según Tabla A.9.2-1 NSR-10
4-	Tipo de Elemento No Estructural según Tabla A.9.5-1 (NSR-10)	1		
	Mamposteria con refuerzo separado lateralmente de la estructura, apoyada arriba y abajo			
5-	Coeficiente de amplificación dinámica del elemento NO estructural	*ap*=	1.0	Según Tabla A.9.5-1 NSR-10
6-	Coeficiente de capacidad de disipación de energía	*Rpi*=	1.5	Según Tabla A.9.5-1 NSR-10
7-	Coeficiente de Aceleración pico efectiva	*Aa*=	0.15	
8-	Período de la Estructura	*T*=	0.5590	
9-	Máxima aceleración horizontal de diseño	Sa=	0.7031	

DISEÑO

Fuerza Cortante en el piso o nivel que se encuentra el muro	*Fi=*	6,169.10	KN	
Peso de la placa de entrepiso del nivel que se encuentra el muro	*wi=*	8,773.40	KN	
Aceleración Horizontal	*ax=Fi/Wi=*	0.70	g	ok< 2 Sa
Fuerza horizontal de diseño del muro	*Fp=(ax*ap)/Rp*g*Mp*	1.01	KN/m	ok > Aa I/2 g Mp
Momento de diseño actuante en el muro	*Mi=Fp*H²/8=*	1.14	KN-m	
Fuerza Cortante por metro de longitud	*Vi=Fp*H/2=*	1.52	KN	
Separación entre columnetas o refuerzo	S=	2.0	m	
Ancho de columnetas	b=	0.12	m	
Largo de Columnetas (igual que el espesor del muro)	t=	0.12	m	
Area sección columneta	Ac=	0.014	m²	
Momento actuante en cada columneta	*M=Mi*S=*	2.28	KN-m	
Area de cortante efectiva del muro	*Amv=*	120000	mm²	
Resistencia a Cortante en la dirección perpendicular del muro	*ØVn=Ø1/6Amv*(f'm)^0.5=*	60	KN	*ok >Vi*
Cortante actuante en cada columneta	V=Vi*S=	3.04	KN	*ok >Vi*

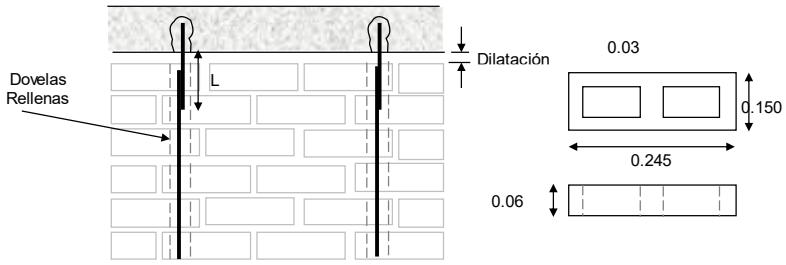
Fuerzas actuante sobre el refuerzo de anclaje



Número de la varilla de anclaje	#=	4	
Cantidad de Varillas	CANT=	2	
Diámetro de la varilla de anclaje	D=	12.70	mm
Longitud libre de la varilla de anclaje	L=	100	mm
Esfuerzo de Fluencia del refuerzo	fy=	420	MPa

Fuerza Cortante Resistente del refuerzo de anclaje

$V=\pi D^3 fy /(16 L)$ = 3.38 KN ok



3.5.2 DISEÑO CORREAS

REPORTE DE CORREAS

PHR C con atiesador 150 x 50 x 17 (2.50 mm)

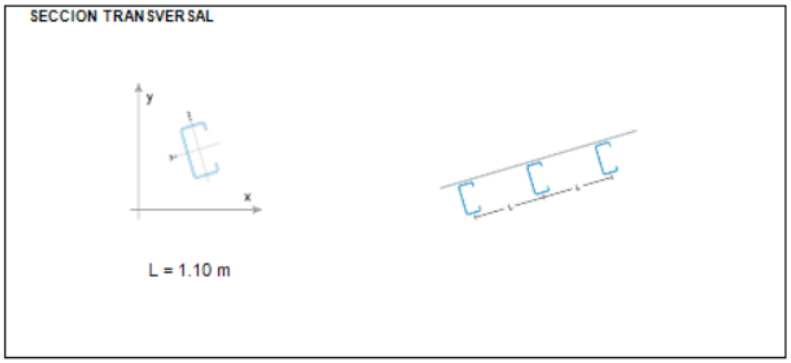
con Fy = 35.15 Kgf/mm² cada 1.10 m con arriostramiento cada L/2.

SECCION LONGITUDINAL



L1	4.52 m
A1	0.08 m
A2	0.08 m

CONFIGURACION	
TIPO DE CARGA	DISTRIBUIDA
Carga muerta	0.07 Ton/m²
Peso propio correa	0.01 Ton/m
Carga viva	0.05 Ton/m²
Carga granizo	0.00 Ton/m²
Viento compresión (Perpendicular)	0.04 Ton/m²
Viento succión (Perpendicular)	0.04 Ton/m²
Pendiente sección transversal	16° = 28.6750%



REPORTES DE DISEÑO

REPORTE FLEXION				
	Apoyos		Interiores	
Ejes locales	3	2	3	2
Resistente (Ton.m)	0.9532	0.1849	0.6539	0.1849
Calculado (Ton.m)	3.3359E-07	6.2500E-09	0.5314	0.0339

REPORTE CORTANTE		
Ejes locales	2	3
Resistente (Ton)	6.7627	3.5066
Calculado (Ton)	0.4616	0.0593

REPORTE DEFLEXION		
Deflexiones máximas	Instantanea	Permanente
Admisible (m)	0.0170	0.0000
Calculado (m)	0.0069	0.0000

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M.P 22202221866 COR
Contratista Dirección Departamental de Proyectos
Gobernación de Córdoba

MEMORIA DE ANÁLISIS Y DISEÑO ESTRUCTURAL

DATOS DEL PROYECTO	
OBJETO:	ESTUDIOS Y DISEÑOS ESTRUCTURALES DE LA EDIFICACIÓN UBICADA EN EL MUNICIPIO DE PLANETA RICA DEPARTAMENTO DE CÓRDOBA.
SOLICITANTE:	GOBERNACIÓN DE CÓRDOBA
DIRECCIÓN:	MUNICIPIO DE PLANETA RICA
MUNICIPIO:	PLANETA RICA
DEPARTAMENTO:	CÓRDOBA
FECHA:	OCTUBRE DE 2025

INGENIERO RESPONSABLE	
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MATRICULA PROF.:	22202221866 COR
DEPENDENCIA:	CONTRATISTA DEPARTAMENTO ADMINISTRATIVO DE PLANEACIÓN – GOBERNACIÓN DE CÓRDOBA
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1. LICEO PLANETA RICA – BLOQUE B

Estudios y diseños estructurales de la edificación ubicada en el municipio de Planeta Rica departamento de Córdoba.

1.1 DESCRIPCION DEL PROYECTO Y SISTEMA ESTRUCTURAL

No. Pisos	Área (m^2)	Tipo de Estructura	Descripción
2	905.00	Pórticos en Concreto	La estructura tiene un pórtico tridimensional de concreto reforzado con elementos en los dos sentidos principales, con columnas de sección 0.45x0.45m, y vigas de secciones 0.30x0.35m a 0.35x0.45m. La placa del segundo piso es aligerada con viguetas de sección 0.12x0.35m. Un sector de la cubierta es losa maciza de espesor 0.10m, y el otro sector es cubierta liviana apoyada en perfiles metálicos tipo C.

1.2 CIMENTACION

La cimentación de la estructura son zapatas aisladas de secciones 1.30x1.30m a 1.70x1.70m, y altura de 0.40m, con vigas de amarre de sección de 0.30x0.40m que vinculan todas las columnas de la estructura. La cimentación se encuentra localizada a una profundidad de 1.00m. La capacidad portante para zapatas es 17.00Ton/m2.

1.3 MATERIALES

Concretos

Bloque	f´c Ton/m2	Ec Ton/m2
BLOQUE B	2100.00	2153811.00

El módulo de elasticidad del concreto Ec se ha calculado con las formulaciones de la norma:

$$Ec = 4700\sqrt{f'c}\,(MPa)$$

Acero de Refuerzo

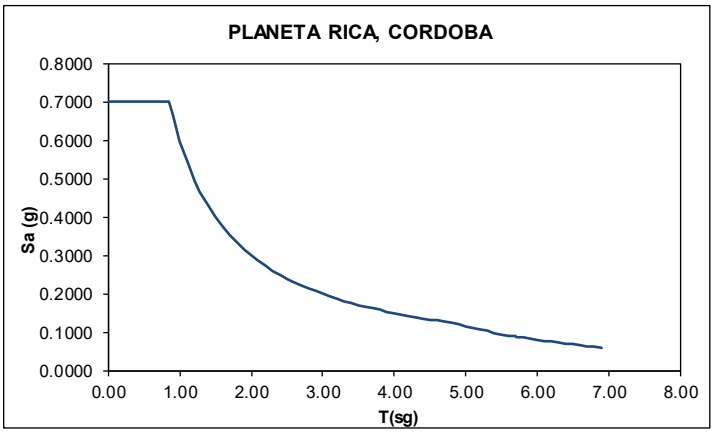
El refuerzo longitudinal y transversal, acero corrugado Grado 60 con punto de fluencia fy=42000Ton/m2. El módulo de elasticidad de este acero es Es= 20´390.000 Ton/m2.

1.4 ZONA DE MICROZONIFICACIÓN SISMICA

Esta parte incluye la evaluación del Espectro de Diseño Sísmico, acorde según NSR-10. Este espectro se afecta por el Coeficiente de Importancia (I).

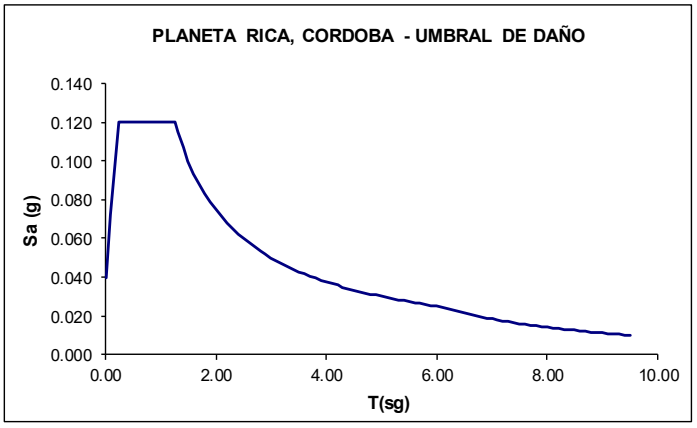
PARAMETROS SISMICOS
Region: PLANETA RICA, CORDOBA

	PLANETA RICA, CORDOBA
Tc	0.85
TL	4.80
Aa	0.15
Av	0.20
Fa	1.50
Fv	2.00
I	1.25
Samax =	0.7031



PARAMETROS SISMICOS
Region: PLANETA RICA, CORDOBA - UMBRAL DE DAÑO

	PLANETA RICA, CORDOBA
Ad	0.04
Ae	0.08
Fv	2.00
S	2.50
Tcd	1.25
TLd	6.00
I	1.25
Sadmax	0.12



1.5 EVALUACIÓN DE IRREGULARIDADES

Con el objeto de establecer el comportamiento de la edificación ante cargas sísmicas, se evalúan sus irregularidades en planta y en altura. En la siguiente tabla se determinan los grados de irregularidad según el Titulo A de la NSR-10 tablas A.3-6 y A.3-7.

ϕa: Irregularidad en altura ϕp: Irregularidad en planta

Bloque	ϕa	Descripción	ϕp	Descripción
BLOQUE B	1.0	Estructura de dos pisos no presenta irregularidad en altura.	1.0	Estructura con forma rectangular no presenta irregularidades en planta.

1.6 DETERMINACIÓN DE Sa y Ro.

CALCULO DEL CORTANTE SISMICO

Ct = 0.047
α = 0.900
Av = 0.200
Fv = 2.000

Para porticos resistentes a momentos de concreto

Cu = 1.27
Ta = Ct * Hn^(α)

Cu =	1.27	Periodo Etabs	
Hn=	6.80 m	T =	0.559 sg
Ta=	0.26 sg	Sa =	0.7031
Cu Ta =	0.34 sg		
10%Cu Ta =	0.37 sg		

R =	Ro Φp Φa Φr	Φp=	1.00
Ro =	5.00	Φa=	1.00
		Φr=	0.75
R =	3.75		

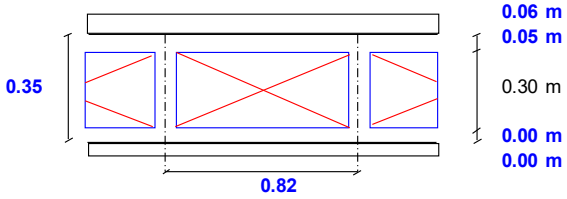
Peso total del edificio= 631.71T

Cortante en la base= 444.17T

1.7 EVALUACIÓN DE CARGAS VERTICALES Y SISMICAS

1.7.1 CARGAS VERTICALES

CARGAS SOBRE LOSA ALIGERADA SEGUNDO PISO



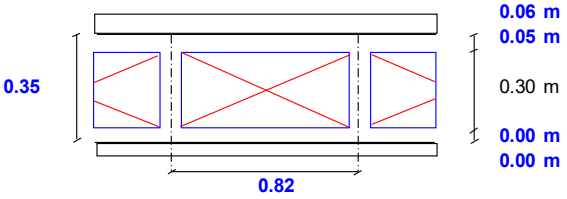
PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Espesor m	Densidad T/m³	Peso Ton/m²	NSR 10 CAP B-3
Viguetas	0.12	2.40	0.105	B.3.2
Losa superior	0.05	2.40	0.120	B.3.2
Alistado	0.06	2.10	0.126	B.3.2
Caseton			0.022	
Muros Mamposteria		1.80	0.100	B.3.4.2
Losa inferior	0.00	2.40	0.000	B.3.2
Cielorraso	0.00	2.10	0.025	B.3.2
Instalaciones			0.010	
Total			0.51T/m²	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
SALONES	0.20T/m²	

CARGAS SOBRE LOSA ALIGERADA SEGUNDO PISO



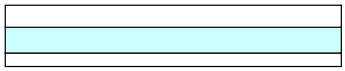
PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Espesor m	Densidad T/m³	Peso Ton/m²	NSR 10 CAP B-3
Viguetas	0.12	2.40	0.105	B.3.2
Losa superior	0.05	2.40	0.120	B.3.2
Alistado	0.06	2.10	0.126	B.3.2
Caseton			0.022	
Muros Mamposteria		1.80	0.000	B.3.4.2
Losa inferior	0.00	2.40	0.000	B.3.2
Cielorraso	0.00	2.10	0.025	B.3.2
Instalaciones			0.010	
Total			0.41T/m²	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
CORREDORES	0.50T/m²	

CARGAS SOBRE LOSA MACIZA NE+9.60



0.03 m
0.10 m
0.00 m

PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Espesor m	Densidad T/m³	Peso Ton/m²	NSR 10 CAP B-3
Losa Maciza	0.10	2.40	0.240	B.3.2
Alistado	0.03	2.10	0.063	B.3.2
Muros Mamposteria		1.80	0.000	B.3.4.2
Impermeabilizacion			0.015	B.3.3
Instalaciones			0.005	
Total			**0.32T/m²**	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
LIVIANA	**0.05T/m²**	

CARGAS SOBRE CUBIERTA



PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Peso Ton/m²	NSR 10 CAP B-4
Teja tipo sandwich	0.013	B.3.3
Correas	0.030	
Iluminacion	0.005	
Cielorraso	0.020	
Total	**0.07T/m²**	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
Cubierta, pendiente menor al 20%	0.05T/m²	

1.7.2 CARGAS HORIZONTALES (SÍSMICAS)

El efecto de la torsión accidental se considera en el programa ETABS cuando en las combinaciones de carga sísmicas (SISMOX, SISMOY) se afecta la dirección en análisis por 0.05. Ver Define Response Spectra en el archivo base.

1.8 DESCRIPCIÓN DE LA METODOLOGÍA DEL ANÁLISIS SISMICO

La modelación matemática se realizó en el programa ETABS. Los modelos reflejan la configuración tridimensional de la edificación. El método de análisis del sistema de resistencia sísmica es por el método de Fuerza Horizontal Equivalente. El alcance del modelo matemático abarca el análisis de vigas y columnas, en el rango elástico.

2 DATOS DE ENTRADA DE LOS MODELOS DE CÁLCULO Y DISEÑO

```
$ File D:\Users\Isabella\Desktop\PROYECTOS\2024\02-INGENIEROS\19-
LUCHO\INGENIERIA\MOD_BL B PLANETA RICA.$et saved 06/10/2024 06:20:48 p.
m.

$ PROGRAM INFORMATION
  PROGRAM  "ETABS"  VERSION "18.1.1"

$ CONTROLS
  UNITS  "TONF"  "M"  "C"
  TITLE2  "MOD_LA ESMERALDA AJUSTE"
  PREFERENCE  MERGETOL 0.001
  RLLF  METHOD "UBC97"  USEDEFAULTMIN "YES"

$ STORIES - IN SEQUENCE FROM TOP
  STORY "NE+6.80"  HEIGHT 3.35
  STORY "NE+3.45"  HEIGHT 3.45
  STORY "Base"  ELEV 0

$ GRIDS
  GRIDSYSTEM "G1"  TYPE "CARTESIAN"  BUBBLESIZE 1.25
  GENGRID "G1"  LABEL "1"  X1 0 Y1 -2.18 X2 0 Y2 10.64 VISIBLE "Yes"
BUBBLELOC "End"
  GENGRID "G1"  LABEL "2"  X1 4.52 Y1 -2.18 X2 4.52 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "3"  X1 8.87 Y1 -2.18 X2 8.87 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "4"  X1 13.39 Y1 -2.18 X2 13.39 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "5"  X1 17.74 Y1 -2.18 X2 17.74 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "6"  X1 22.26 Y1 -2.18 X2 22.26 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "7"  X1 26.61 Y1 -2.18 X2 26.61 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "8"  X1 31.13 Y1 -2.18 X2 31.13 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "9"  X1 35.48 Y1 -2.18 X2 35.48 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "A"  X1 -2.18 Y1 0 X2 37.36 Y2 0 VISIBLE "Yes"
BUBBLELOC "Start"
  GENGRID "G1"  LABEL "B"  X1 -2.18 Y1 4.31 X2 37.36 Y2 4.31 VISIBLE
"Yes"  BUBBLELOC "Start"
  GENGRID "G1"  LABEL "C"  X1 -2.18 Y1 8.46 X2 37.36 Y2 8.46 VISIBLE
"Yes"  BUBBLELOC "Start"

$ DIAPHRAGM NAMES
```

```
  DIAPHRAGM "D1"    TYPE RIGID

$ MATERIAL PROPERTIES
  MATERIAL  "STEEL"    TYPE "Steel"    WEIGHTPERVOLUME 7.833414
  MATERIAL  "STEEL"    SYMTYPE "Isotropic"  E 2.038902E+07  U 0.3  A
1.16999999590917E-05
  MATERIAL  "STEEL"  FY 35153.48  FU 45699.53 FYE 38668.83  FUE 50269.48
  MATERIAL  "STEEL"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17
FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "CONC"    TYPE "Concrete"    WEIGHTPERVOLUME 8.68E-05
  MATERIAL  "CONC"    SYMTYPE "Isotropic"  E 3600  U 0.2  A
5.50000004295725E-06
  MATERIAL  "CONC"    FC 4
  MATERIAL  "CONC"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC"  HYSTYPE "Takeda"  SSTYPE "Simple"  STRAINATFC
0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006
CPCOMPRESSION 0.015
  MATERIAL  "OTHER"    TYPE "Other"    WEIGHTPERVOLUME 7.833414
  MATERIAL  "OTHER"    SYMTYPE "Isotropic"  E 2.038902E+07  U 0.3  A
1.16999999590917E-05
  MATERIAL  "OTHER"  DESIGNTYPE "OTHER"
  MATERIAL  "OTHER"  HYSTYPE "Elastic"  IOTENSION 0.01 LSTENSION 0.02
CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
IGNORETENSIONACCEPTANCE "No"
  MATERIAL  "OTHER"  STRAIN -1 STRESS -1
  MATERIAL  "OTHER"  STRAIN 0 STRESS 0 POINTID "A"
  MATERIAL  "OTHER"  STRAIN 1 STRESS 1
  MATERIAL  "CONC21"    TYPE "Concrete"    WEIGHTPERVOLUME 2.4
  MATERIAL  "CONC21"    SYMTYPE "Isotropic"  E 2153811  U 0.2  A
9.89999989542412E-06
  MATERIAL  "CONC21"    FC 2100
  MATERIAL  "CONC21"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC21"  HYSTYPE "Takeda"  SSTYPE "Simple"  STRAINATFC
0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006
CPCOMPRESSION 0.015
  MATERIAL  "A615Gr60"    TYPE "Rebar"    WEIGHTPERVOLUME 7.849048
  MATERIAL  "A615Gr60"    SYMTYPE "Uniaxial"  E 2.038902E+07  A
1.16999999590917E-05
  MATERIAL  "A615Gr60"  FY 42184.18  FU 63276.27 FYE 42184.18  FUE
63276.27
  MATERIAL  "A615Gr60"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.01 STRAINATULTIMATE 0.09 FINALSLOPE -0.1 IOTENSION
0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01
CPCOMPRESSION 0.02
  MATERIAL  "A416Gr270"    TYPE "Tendon"    GRADE "Grade 270"
WEIGHTPERVOLUME 7.849048
  MATERIAL  "A416Gr270"    SYMTYPE "Uniaxial"  E 2.003748E+07  A
1.16999999590917E-05
  MATERIAL  "A416Gr270"  FY 172322.4  FU 189828.8
  MATERIAL  "A416Gr270"  HYSTYPE "Kinematic"  SSTYPE "270ksi"  FINALSLOPE
-0.1 IOTENSION 0.015 LSTENSION 0.023 CPTENSION 0.03 IOCOMPRESSION 0.015
LSCOMPRESSION 0.023 CPCOMPRESSION 0.03

$ REBAR DEFINITIONS
  REBARDEFINITION  "#2"  AREA  3.2258E-05 DIA  0.00635
  REBARDEFINITION  "#3"  AREA  7.09676E-05 DIA  0.009525
  REBARDEFINITION  "#4"  AREA  0.000129032 DIA  0.0127
  REBARDEFINITION  "#5"  AREA  0.0001999996 DIA  0.015875
  REBARDEFINITION  "#6"  AREA  0.0002838704 DIA  0.01905
  REBARDEFINITION  "#7"  AREA  0.000387096 DIA  0.022225
  REBARDEFINITION  "#8"  AREA  0.0005096764 DIA  0.0254
  REBARDEFINITION  "#9"  AREA  0.00064516 DIA  0.0286512
  REBARDEFINITION  "#10"  AREA  0.0008193532 DIA  0.032258
  REBARDEFINITION  "#11"  AREA  0.00100645 DIA  0.035814
  REBARDEFINITION  "#14"  AREA  0.00145161 DIA  0.0430022
  REBARDEFINITION  "#18"  AREA  0.00258064 DIA  0.0573278
  REBARDEFINITION  "10M"  AREA  0.0001 DIA  0.0113
  REBARDEFINITION  "15M"  AREA  0.0002 DIA  0.016
  REBARDEFINITION  "20M"  AREA  0.0003 DIA  0.0195
  REBARDEFINITION  "25M"  AREA  0.0005 DIA  0.0252
  REBARDEFINITION  "30M"  AREA  0.0007 DIA  0.0299
  REBARDEFINITION  "35M"  AREA  0.001 DIA  0.0357
  REBARDEFINITION  "45M"  AREA  0.0015 DIA  0.0437
  REBARDEFINITION  "55M"  AREA  0.0025 DIA  0.0564
  REBARDEFINITION  "6d"  AREA  2.83E-05 DIA  0.006
  REBARDEFINITION  "8d"  AREA  5.03E-05 DIA  0.008
  REBARDEFINITION  "10d"  AREA  7.85E-05 DIA  0.01
  REBARDEFINITION  "12d"  AREA  0.000113 DIA  0.012
  REBARDEFINITION  "14d"  AREA  0.000154 DIA  0.014
  REBARDEFINITION  "16d"  AREA  0.000201 DIA  0.016
  REBARDEFINITION  "20d"  AREA  0.000314 DIA  0.02
  REBARDEFINITION  "25d"  AREA  0.000491 DIA  0.025
  REBARDEFINITION  "26d"  AREA  0.000531 DIA  0.026
  REBARDEFINITION  "28d"  AREA  0.000616 DIA  0.028
  REBARDEFINITION  "N12"  AREA  0.000113 DIA  0.012
  REBARDEFINITION  "N16"  AREA  0.000201 DIA  0.016
  REBARDEFINITION  "N20"  AREA  0.000314 DIA  0.02
  REBARDEFINITION  "N24"  AREA  0.000452 DIA  0.024
  REBARDEFINITION  "N28"  AREA  0.000616 DIA  0.028
  REBARDEFINITION  "N32"  AREA  0.000804 DIA  0.032
  REBARDEFINITION  "N36"  AREA  0.00102 DIA  0.036

$ FRAME SECTIONS
  FRAMESECTION  "C45X45"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.45 B 0.45 NOTIONALUSERVALUE 1
  FRAMESECTION  "V30X35"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.35 B 0.3 NOTIONALUSERVALUE 1
  FRAMESECTION  "V12X35"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.35 B 0.12 NOTIONALUSERVALUE 1
  FRAMESECTION  "V35X45"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.45 B 0.35 NOTIONALUSERVALUE 1
  FRAMESECTION  "V15X35"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.35 B 0.15 NOTIONALUSERVALUE 1
  FRAMESECTION  "C45X45"  I2MOD 0.7 I3MOD 0.7
  FRAMESECTION  "V30X35"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "V12X35"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "V35X45"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "V15X35"  JMOD 0.1 I3MOD 0.35

$ CONCRETE SECTIONS
  CONCRETESECTION  "C45X45"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Column"  PATTERN "R-3-3"  TRANSREINF
"TIES"  DESIGNCHECK "DESIGN"  COVER 0.04 LONGBARAREA 0.00064516
CONFINEBARAREA 3.2258E-05 CONFINEBARSPACING 0.15 NUMCONFINEBARS3 3
NUMCONFINEBARS2 3
  CONCRETESECTION  "V30X35"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "V12X35"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "V35X45"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "V15X35"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0

$ TENDON SECTIONS
  TENDONSECTION  "Tendon1"  MATERIAL  "A416Gr270"  STRANDAREA  9.870948E-
05

$ SECTION DESIGNER SECTIONS

$ SLAB PROPERTIES
  SHELLPROP  "LOSA"  PROPTYPE  "Slab"  MATERIAL "CONC21"  MODELINGTYPE
"Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS 0.0001
NOTIONALUSERVALUE 1
  SHELLPROP  "PLANK1"  PROPTYPE  "Slab"  MATERIAL "CONC21"  MODELINGTYPE
"Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS 0.25
NOTIONALUSERVALUE 1
  SHELLPROP  "PLANK1"  F11MOD 0.01 F22MOD 0.01

$ DECK PROPERTIES
  SHELLPROP  "DECK1"  PROPTYPE  "Deck"  DECKTYPE "Filled"  CONCMATERIAL
"CONC21"  DECKMATERIAL "STEEL"  DECKSLABDEPTH 0.0889 DECKRIBDEPTH 0.0762
DECKRIBWIDTHTOP 0.1524 DECKRIBWIDTHBOTTOM 0.1524 DECKRIBSPACING 0.3048
DECKSHEARTHICKNESS 0.000889 DECKUNITWEIGHT 0.01122958 SHEARSTUDDIAM
0.01905 SHEARSTUDHEIGHT 0.1524 SHEARSTUDFU 42184.18

$ WALL PROPERTIES
  SHELLPROP  "WALL1"  PROPTYPE  "Wall"  MATERIAL "CONC21"  MODELINGTYPE
"ShellThin"  WALLTHICKNESS 0.25 NOTIONALUSERVALUE 1
  SHELLPROP  "E 20"  PROPTYPE  "Wall"  MATERIAL "CONC21"  MODELINGTYPE
"ShellThin"  WALLTHICKNESS 0.2 NOTIONALUSERVALUE 1

$ LINK PROPERTIES
  LINKPROP  "NLPR1"  TYPE "DAMPER - EXPONENTIAL"
  LINKPROP  "NLPR1"  DOF "U1"

$ PANEL ZONE PROPERTIES
  PANELZONE  "PZone1"  PZENDOFFSETSRIGID  "No"  PZACTIVEDIRECTIONS
"Both"  PZTYPE  "From Column"
  PANELZONE  "PZone1"  PZDOUBLER  0

$ PIER/SPANDREL NAMES
  PIERNAME  "P1"
  SPANDRELNAME  "S1"

$ POINT COORDINATES
  POINT "1"  -2.18 -2.18
  POINT "2"  0 -2.18
  POINT "3"  4.52 -2.18
  POINT "4"  8.87 -2.18
  POINT "5"  13.39 -2.18
  POINT "6"  17.74 -2.18
  POINT "7"  22.26 -2.18
  POINT "8"  26.61 -2.18
  POINT "9"  31.13 -2.18
  POINT "10"  35.48 -2.18
  POINT "11"  -2.18 0
  POINT "12"  0 0
  POINT "13"  4.52 0
  POINT "14"  8.87 0
  POINT "15"  13.39 0
  POINT "16"  17.74 0
  POINT "17"  22.26 0
  POINT "18"  26.61 0
  POINT "19"  31.13 0
  POINT "20"  35.48 0
  POINT "21"  -2.18 4.31
  POINT "22"  0 4.31
  POINT "23"  4.52 4.31
  POINT "24"  8.87 4.31
  POINT "25"  13.39 4.31
  POINT "26"  17.74 4.31
  POINT "27"  22.26 4.31
  POINT "28"  26.61 4.31
  POINT "29"  31.13 4.31
  POINT "30"  35.48 4.31
  POINT "32"  -2.18 8.46
  POINT "33"  0 8.46
  POINT "34"  4.52 8.46
  POINT "35"  8.87 8.46
  POINT "36"  13.39 8.46
  POINT "37"  17.74 8.46
  POINT "38"  22.26 8.46
  POINT "39"  26.61 8.46
```

```
  POINT "40"  31.13 8.46
  POINT "41"  35.48 8.46
  POINT "42"  37.36 8.46
  POINT "43"  -2.18 10.64
  POINT "44"  0 10.64
  POINT "45"  4.52 10.64
  POINT "46"  8.87 10.64
  POINT "47"  13.39 10.64
  POINT "48"  17.74 10.64
  POINT "49"  22.26 10.64
  POINT "50"  26.61 10.64
  POINT "51"  31.13 10.64
  POINT "52"  35.48 10.64
  POINT "53"  37.36 10.64

$ LINE CONNECTIVITIES
  LINE  "C1"  COLUMN  "12"  "12"  1
  LINE  "C2"  COLUMN  "13"  "13"  1
  LINE  "C3"  COLUMN  "14"  "14"  1
  LINE  "C4"  COLUMN  "15"  "15"  1
  LINE  "C5"  COLUMN  "16"  "16"  1
  LINE  "C6"  COLUMN  "17"  "17"  1
  LINE  "C7"  COLUMN  "18"  "18"  1
  LINE  "C8"  COLUMN  "19"  "19"  1
  LINE  "C9"  COLUMN  "20"  "20"  1
  LINE  "C10"  COLUMN  "22"  "22"  1
  LINE  "C11"  COLUMN  "24"  "24"  1
  LINE  "C12"  COLUMN  "26"  "26"  1
  LINE  "C13"  COLUMN  "28"  "28"  1
  LINE  "C14"  COLUMN  "30"  "30"  1
  LINE  "C15"  COLUMN  "33"  "33"  1
  LINE  "C16"  COLUMN  "34"  "34"  1
  LINE  "C17"  COLUMN  "35"  "35"  1
  LINE  "C18"  COLUMN  "36"  "36"  1
  LINE  "C19"  COLUMN  "37"  "37"  1
  LINE  "C20"  COLUMN  "38"  "38"  1
  LINE  "C21"  COLUMN  "39"  "39"  1
  LINE  "C22"  COLUMN  "40"  "40"  1
  LINE  "C23"  COLUMN  "41"  "41"  1
  LINE  "B1"  BEAM  "1"  "2"  0
  LINE  "B2"  BEAM  "2"  "3"  0
  LINE  "B3"  BEAM  "3"  "4"  0
  LINE  "B4"  BEAM  "4"  "5"  0
  LINE  "B5"  BEAM  "5"  "6"  0
  LINE  "B6"  BEAM  "6"  "7"  0
  LINE  "B7"  BEAM  "7"  "8"  0
  LINE  "B8"  BEAM  "8"  "9"  0
  LINE  "B9"  BEAM  "9"  "10"  0
  LINE  "B10"  BEAM  "1"  "11"  0
  LINE  "B11"  BEAM  "2"  "12"  0
  LINE  "B12"  BEAM  "3"  "13"  0
  LINE  "B13"  BEAM  "4"  "14"  0
  LINE  "B14"  BEAM  "5"  "15"  0
  LINE  "B15"  BEAM  "6"  "16"  0
  LINE  "B16"  BEAM  "7"  "17"  0
  LINE  "B17"  BEAM  "8"  "18"  0
  LINE  "B18"  BEAM  "9"  "19"  0
  LINE  "B19"  BEAM  "10"  "20"  0
  LINE  "B20"  BEAM  "11"  "12"  0
  LINE  "B21"  BEAM  "12"  "13"  0
  LINE  "B22"  BEAM  "13"  "14"  0
  LINE  "B23"  BEAM  "14"  "15"  0
  LINE  "B24"  BEAM  "15"  "16"  0
  LINE  "B25"  BEAM  "16"  "17"  0
  LINE  "B26"  BEAM  "17"  "18"  0
  LINE  "B27"  BEAM  "18"  "19"  0
  LINE  "B28"  BEAM  "19"  "20"  0
  LINE  "B29"  BEAM  "11"  "21"  0
  LINE  "B30"  BEAM  "12"  "22"  0
  LINE  "B31"  BEAM  "13"  "23"  0
  LINE  "B32"  BEAM  "14"  "24"  0
  LINE  "B33"  BEAM  "15"  "25"  0
  LINE  "B34"  BEAM  "16"  "26"  0
  LINE  "B35"  BEAM  "17"  "27"  0
  LINE  "B36"  BEAM  "18"  "28"  0
  LINE  "B37"  BEAM  "19"  "29"  0
  LINE  "B38"  BEAM  "20"  "30"  0
  LINE  "B39"  BEAM  "21"  "22"  0
  LINE  "B40"  BEAM  "22"  "23"  0
  LINE  "B41"  BEAM  "23"  "24"  0
  LINE  "B42"  BEAM  "24"  "25"  0
  LINE  "B43"  BEAM  "25"  "26"  0
  LINE  "B44"  BEAM  "26"  "27"  0
  LINE  "B45"  BEAM  "27"  "28"  0
  LINE  "B46"  BEAM  "28"  "29"  0
  LINE  "B47"  BEAM  "29"  "30"  0
  LINE  "B48"  BEAM  "21"  "32"  0
  LINE  "B49"  BEAM  "22"  "33"  0
  LINE  "B50"  BEAM  "23"  "34"  0
  LINE  "B51"  BEAM  "24"  "35"  0
  LINE  "B52"  BEAM  "25"  "36"  0
  LINE  "B53"  BEAM  "26"  "37"  0
  LINE  "B54"  BEAM  "27"  "38"  0
  LINE  "B55"  BEAM  "28"  "39"  0
  LINE  "B56"  BEAM  "29"  "40"  0
  LINE  "B57"  BEAM  "30"  "41"  0
  LINE  "B58"  BEAM  "32"  "33"  0
  LINE  "B59"  BEAM  "33"  "34"  0
  LINE  "B60"  BEAM  "34"  "35"  0
  LINE  "B61"  BEAM  "35"  "36"  0
  LINE  "B62"  BEAM  "36"  "37"  0
  LINE  "B63"  BEAM  "37"  "38"  0
  LINE  "B64"  BEAM  "38"  "39"  0
  LINE  "B65"  BEAM  "39"  "40"  0
  LINE  "B66"  BEAM  "40"  "41"  0
  LINE  "B67"  BEAM  "41"  "42"  0
  LINE  "B68"  BEAM  "32"  "43"  0
  LINE  "B69"  BEAM  "33"  "44"  0
  LINE  "B70"  BEAM  "34"  "45"  0
  LINE  "B71"  BEAM  "35"  "46"  0
  LINE  "B72"  BEAM  "36"  "47"  0
  LINE  "B73"  BEAM  "37"  "48"  0
  LINE  "B74"  BEAM  "38"  "49"  0
  LINE  "B75"  BEAM  "39"  "50"  0
  LINE  "B76"  BEAM  "40"  "51"  0
  LINE  "B77"  BEAM  "41"  "52"  0
  LINE  "B78"  BEAM  "42"  "53"  0
  LINE  "B79"  BEAM  "43"  "44"  0
  LINE  "B80"  BEAM  "44"  "45"  0
  LINE  "B81"  BEAM  "45"  "46"  0
  LINE  "B82"  BEAM  "46"  "47"  0
  LINE  "B83"  BEAM  "47"  "48"  0
  LINE  "B84"  BEAM  "48"  "49"  0
  LINE  "B85"  BEAM  "49"  "50"  0
  LINE  "B86"  BEAM  "50"  "51"  0
  LINE  "B87"  BEAM  "51"  "52"  0
  LINE  "B88"  BEAM  "52"  "53"  0

$ AREA CONNECTIVITIES
  AREA "F1"  FLOOR  18  "2"  "12"  "13"  "14"  "15"  "16"  "17"  "18"
"19"  "20"  "10"  "9"  "8"  "7"  "6"  "5"  "4"  "3"  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
  AREA "F2"  FLOOR  20  "12"  "22"  "33"  "34"  "35"  "36"  "37"  "38"
"39"  "40"  "41"  "30"  "20"  "19"  "18"  "17"  "16"  "15"  "14"  "13"  0
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
  AREA "F3"  FLOOR  10  "1"  "11"  "21"  "32"  "43"  "44"  "33"  "22"
"12"  "2"  0  0  0  0  0  0  0  0  0  0
  AREA "F4"  FLOOR  8  "11"  "21"  "32"  "43"  "44"  "33"  "22"  "12"  0
0  0  0  0  0  0  0
  AREA "F5"  FLOOR  20  "33"  "44"  "45"  "46"  "47"  "48"  "49"  "50"
"51"  "52"  "53"  "42"  "41"  "40"  "39"  "38"  "37"  "36"  "35"  "34"  0
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0

$ GROUPS
  GROUP "DER"
  GROUP "DER"  POINT "12"  "NE+3.45"
  GROUP "DER"  POINT "13"  "NE+3.45"
  GROUP "DER"  POINT "22"  "NE+3.45"
  GROUP "DER"  POINT "33"  "NE+3.45"
  GROUP "DER"  POINT "34"  "NE+3.45"
  GROUP "DER"  POINT "14"  "NE+3.45"
  GROUP "DER"  POINT "24"  "NE+3.45"
  GROUP "DER"  POINT "35"  "NE+3.45"
  GROUP "DER"  POINT "15"  "NE+3.45"
  GROUP "DER"  POINT "36"  "NE+3.45"
  GROUP "DER"  POINT "16"  "NE+3.45"
  GROUP "DER"  POINT "26"  "NE+3.45"
  GROUP "DER"  POINT "37"  "NE+3.45"
  GROUP "DER"  POINT "17"  "NE+3.45"
  GROUP "DER"  POINT "38"  "NE+3.45"
  GROUP "DER"  POINT "18"  "NE+3.45"
  GROUP "DER"  POINT "28"  "NE+3.45"
  GROUP "DER"  POINT "39"  "NE+3.45"
  GROUP "DER"  POINT "19"  "NE+3.45"
  GROUP "DER"  POINT "40"  "NE+3.45"
  GROUP "DER"  POINT "20"  "NE+3.45"
  GROUP "DER"  POINT "30"  "NE+3.45"
  GROUP "DER"  POINT "41"  "NE+3.45"
  GROUP "DER"  POINT "12"  "NE+6.80"
  GROUP "DER"  POINT "13"  "NE+6.80"
  GROUP "DER"  POINT "14"  "NE+6.80"
  GROUP "DER"  POINT "15"  "NE+6.80"
  GROUP "DER"  POINT "16"  "NE+6.80"
  GROUP "DER"  POINT "17"  "NE+6.80"
  GROUP "DER"  POINT "18"  "NE+6.80"
  GROUP "DER"  POINT "19"  "NE+6.80"
  GROUP "DER"  POINT "20"  "NE+6.80"
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  GROUP "DER"  POINT "40"  "NE+6.80"
  GROUP "DER"  POINT "41"  "NE+6.80"
  GROUP "DER"  LINE "C1"  "NE+3.45"
  GROUP "DER"  LINE "C2"  "NE+3.45"
  GROUP "DER"  LINE "C3"  "NE+3.45"
  GROUP "DER"  LINE "C4"  "NE+3.45"
  GROUP "DER"  LINE "C5"  "NE+3.45"
  GROUP "DER"  LINE "C6"  "NE+3.45"
  GROUP "DER"  LINE "C7"  "NE+3.45"
  GROUP "DER"  LINE "C8"  "NE+3.45"
  GROUP "DER"  LINE "C9"  "NE+3.45"
  GROUP "DER"  LINE "C10"  "NE+3.45"
  GROUP "DER"  LINE "C11"  "NE+3.45"
  GROUP "DER"  LINE "C12"  "NE+3.45"
  GROUP "DER"  LINE "C13"  "NE+3.45"
  GROUP "DER"  LINE "C14"  "NE+3.45"
  GROUP "DER"  LINE "C15"  "NE+3.45"
  GROUP "DER"  LINE "C16"  "NE+3.45"
  GROUP "DER"  LINE "C17"  "NE+3.45"
  GROUP "DER"  LINE "C18"  "NE+3.45"
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  GROUP "DER"  LINE "C20"  "NE+3.45"
  GROUP "DER"  LINE "C21"  "NE+3.45"
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   GROUP "DER"  LINE "C22"  "NE+3.45"
   GROUP "DER"  LINE "C23"  "NE+3.45"
   GROUP "DER"  LINE "C1"  "NE+6.80"
   GROUP "DER"  LINE "C2"  "NE+6.80"
   GROUP "DER"  LINE "C3"  "NE+6.80"
   GROUP "DER"  LINE "C4"  "NE+6.80"
   GROUP "DER"  LINE "C5"  "NE+6.80"
   GROUP "DER"  LINE "C6"  "NE+6.80"
   GROUP "DER"  LINE "C7"  "NE+6.80"
   GROUP "DER"  LINE "C8"  "NE+6.80"
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   GROUP "DER"  LINE "C13"  "NE+6.80"
   GROUP "DER"  LINE "C14"  "NE+6.80"
   GROUP "DER"  LINE "C15"  "NE+6.80"
   GROUP "DER"  LINE "C16"  "NE+6.80"
   GROUP "DER"  LINE "C17"  "NE+6.80"
   GROUP "DER"  LINE "C18"  "NE+6.80"
   GROUP "DER"  LINE "C19"  "NE+6.80"
   GROUP "DER"  LINE "C20"  "NE+6.80"
   GROUP "DER"  LINE "C21"  "NE+6.80"
   GROUP "DER"  LINE "C22"  "NE+6.80"
   GROUP "DER"  LINE "C23"  "NE+6.80"

$ POINT ASSIGNS
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   POINTASSIGN  "12"  "NE+3.45"  DIAPH "D1"
   POINTASSIGN  "13"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
   POINTASSIGN  "13"  "NE+3.45"  DIAPH "D1"
   POINTASSIGN  "14"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
   POINTASSIGN  "15"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
   POINTASSIGN  "16"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
   POINTASSIGN  "17"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
   POINTASSIGN  "18"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
   POINTASSIGN  "19"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
   POINTASSIGN  "20"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
   POINTASSIGN  "22"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
   POINTASSIGN  "22"  "NE+3.45"  DIAPH "D1"
   POINTASSIGN  "23"  "NE+3.45"  DIAPH "D1"
   POINTASSIGN  "24"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
   POINTASSIGN  "26"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
   POINTASSIGN  "28"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
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   POINTASSIGN  "37"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
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   POINTASSIGN  "41"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
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   POINTASSIGN  "42"  "NE+3.45"  DIAPH "D1"
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   POINTASSIGN  "21"  "NE+3.45"  DIAPH "D1"
   POINTASSIGN  "32"  "NE+3.45"  DIAPH "D1"
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   POINTASSIGN  "12"  "NE+6.80"  USERJOINT  "Yes"
   POINTASSIGN  "13"  "NE+6.80"  USERJOINT  "Yes"
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   POINTASSIGN  "15"  "NE+6.80"  USERJOINT  "Yes"
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   POINTASSIGN  "50"  "NE+6.80"  USERJOINT  "Yes"
   POINTASSIGN  "51"  "NE+6.80"  USERJOINT  "Yes"

$ LINE ASSIGNS
   LINEASSIGN  "C1"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C2"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C3"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C4"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C5"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C6"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C7"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C8"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C9"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
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"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C11"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
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"YES"  MESHATINTERSECTIONS "YES"
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"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C14"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
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"YES"  MESHATINTERSECTIONS "YES"
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"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C17"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C18"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C19"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
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"YES"  MESHATINTERSECTIONS "YES"
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"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C22"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "C23"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
   LINEASSIGN  "B20"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B21"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B22"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B23"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B24"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B25"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B26"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B27"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B28"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B39"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B40"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B41"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B42"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B43"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B44"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B45"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
   LINEASSIGN  "B46"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
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  LINEASSIGN  "B47"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B58"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B59"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B60"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B61"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B62"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B63"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B64"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B65"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B66"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B67"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B79"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B88"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B80"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B81"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B82"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B83"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B84"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B85"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B86"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B87"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B29"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B48"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B68"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B78"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B30"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B49"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B69"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B31"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B50"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B70"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B32"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B51"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B71"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B33"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B52"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B72"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B34"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B53"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B73"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B35"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B54"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B74"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B36"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B55"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B75"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B37"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B56"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B76"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B38"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B57"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B77"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C1"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C2"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C3"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C4"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C5"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C6"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C7"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C8"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C9"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C10"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C11"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C12"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C13"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C14"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C15"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C16"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C17"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C18"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C19"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C20"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C21"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C22"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C23"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B20"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B21"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B22"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B23"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B24"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B25"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B26"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B27"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B28"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B39"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B40"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B41"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B42"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B43"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B44"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B45"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B46"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B47"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B58"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B59"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B60"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B61"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B62"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B63"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B64"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B65"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B66"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B67"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B79"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B88"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B80"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
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  LINEASSIGN  "B81"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B82"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B83"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B84"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B85"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B86"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B87"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B29"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B48"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B68"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B78"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B30"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B49"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B69"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B31"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B50"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B70"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B32"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B51"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B71"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B33"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B52"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B72"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B34"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B53"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B73"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B35"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B54"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B74"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B36"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B55"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B75"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B37"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B56"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B76"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B38"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B57"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B77"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B11"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B12"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B13"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B14"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B15"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B16"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B17"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B18"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B19"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B1"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B10"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B2"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B3"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B4"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B5"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B6"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B7"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B8"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B9"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"

$ AREA ASSIGNS
  AREAASSIGN  "F4"  "NE+3.45"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"AUTOMESH"  MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F5"  "NE+3.45"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"AUTOMESH"  MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F2"  "NE+3.45"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"AUTOMESH"  MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F5"  "NE+6.80"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"AUTOMESH"  MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F3"  "NE+6.80"  SECTION "LOSA"  OBJMESHTYPE "AUTOMESH"
MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F1"  "NE+6.80"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"AUTOMESH"  MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"

$ LOAD PATTERNS
  LOADPATTERN "PPROPIO"  TYPE  "Dead"  SELFWEIGHT  1
  LOADPATTERN "MUERTA"  TYPE  "Dead"  SELFWEIGHT  0
  LOADPATTERN "VIVA"  TYPE  "Live"  SELFWEIGHT  0
  LOADPATTERN "SISMOX"  TYPE  "Seismic"  SELFWEIGHT  0
  LOADPATTERN "SISMOY"  TYPE  "Seismic"  SELFWEIGHT  0
  SEISMIC "SISMOX"  "User Coefficient"    DIR "X+ECC"  ECC 0.05  TOPSTORY
"NE+6.80"    BOTTOMSTORY "Base"    SHEARCOEFF 0.7031  HEIGHTEXPONENT 1
  SEISMIC "SISMOY"  "User Coefficient"    DIR "Y+ECC"  ECC 0.05  TOPSTORY
"NE+6.80"    BOTTOMSTORY "Base"    SHEARCOEFF 0.7031  HEIGHTEXPONENT 1

$ POINT OBJECT LOADS

$ FRAME OBJECT LOADS
  LINELOAD  "B21"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B22"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B23"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B24"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B25"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B26"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B27"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B28"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B59"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B60"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B61"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B62"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B63"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B64"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B65"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B66"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B79"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B88"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B80"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B81"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B82"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B83"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B84"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B85"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B86"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B87"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B29"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B48"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B68"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B78"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B30"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
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  LINELOAD  "B49"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B32"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B51"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B34"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B53"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B36"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B55"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B38"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B57"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B79"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B88"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B80"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B81"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B82"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B83"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B84"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B85"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B86"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B87"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B29"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B48"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B68"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B78"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B30"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.16
  LINELOAD  "B30"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.11
  LINELOAD  "B30"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B49"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.16
  LINELOAD  "B49"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.11
  LINELOAD  "B49"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B31"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B31"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B50"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B50"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B32"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B32"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B51"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B51"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B33"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B33"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B52"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B52"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B34"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B34"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B53"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B53"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B35"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B35"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B54"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B54"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B36"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B36"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B55"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B55"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B37"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B37"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B56"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B56"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B38"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.16
  LINELOAD  "B38"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.11
  LINELOAD  "B38"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B57"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.16
  LINELOAD  "B57"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.11
  LINELOAD  "B57"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B1"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B10"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B2"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B3"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B4"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B5"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B6"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B7"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B8"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B9"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37

$ SHELL OBJECT LOADS
  AREALOAD  "F4"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.41
  AREALOAD  "F4"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.5
  AREALOAD  "F5"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.41
  AREALOAD  "F5"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.5
  AREALOAD  "F2"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.51
  AREALOAD  "F2"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.2
  AREALOAD  "F5"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.05
  AREALOAD  "F5"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  AREALOAD  "F3"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.05
  AREALOAD  "F3"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  AREALOAD  "F1"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.05
  AREALOAD  "F1"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32

$ ANALYSIS OPTIONS
  ACTIVEDOF "UX UY UZ RX RY RZ"
  MODELHINGESINLINKS "No"
  PDELTA  METHOD "NONE"
  AUTORECTMESH  LOCALIZEDFLOORMESHING  "Yes"  FLOORMESHMERGEJOINTS  "Yes"
FLOORMESHMAXSIZE  1.25 WALLMESHMAXSIZE  1.25

$ MASS SOURCE
  MASSSOURCE  "MsSrc1"    INCLUDEELEMENTS "No"    INCLUDEADDEDMASS "No"
INCLUDELOADS "Yes"    INCLUDEMOVE "No"    INCLUDELATERALMASS "Yes"
INCLUDEVERTICALMASS "No"    LUMPATSTORIES "Yes"    ISDEFAULT "Yes"
  MASSSOURCELOAD  "MsSrc1"  "PPROPIO"  1
  MASSSOURCELOAD  "MsSrc1"  "MUERTA"  1

$ GENERALIZED DISPLACEMENTS

$ LOAD CASES
  LOADCASE "Modal"  TYPE  "Modal - Eigen"  INITCOND  "PRESET"
  LOADCASE "Modal"  MAXMODES  12 MINMODES  12 EIGENSHIFTFREQ  0
EIGENCUTOFF  0 EIGENTOL  1E-07
  LOADCASE "PPROPIO"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "PPROPIO"  LOADPAT  "PPROPIO"  SF  1
  LOADCASE "MUERTA"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "MUERTA"  LOADPAT  "MUERTA"  SF  1
  LOADCASE "VIVA"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "VIVA"  LOADPAT  "VIVA"  SF  1
  LOADCASE "SISMOX"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "SISMOX"  LOADPAT  "SISMOX"  SF  1
  LOADCASE "SISMOY"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "SISMOY"  LOADPAT  "SISMOY"  SF  1

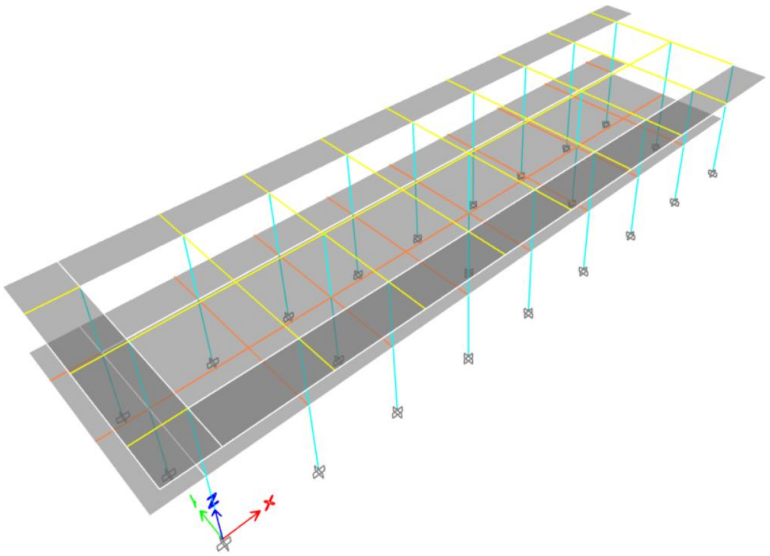
$ LOAD COMBINATIONS
  COMBO "COMB1"  TYPE "Linear Add"
  COMBO "COMB1"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB1"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB1"  LOADCASE "PPROPIO"  SF 1.4
  COMBO "COMB1"  LOADCASE "MUERTA"  SF 1.4
  COMBO "COMB2"  TYPE "Linear Add"
  COMBO "COMB2"  DESIGN "Concrete"  COMBOTYPE "Strength"
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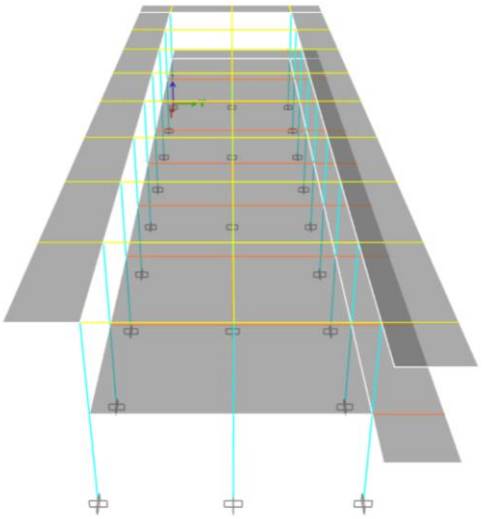
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COMBO "COMB2"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB2"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB2"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB2"  LOADCASE "VIVA"  SF 1.6
COMBO "COMB3"  TYPE "Linear Add"
COMBO "COMB3"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB3"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB3"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB3"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB3"  LOADCASE "VIVA"  SF 1
COMBO "COMB3"  LOADCASE "SISMOX"  SF 0.27
COMBO "COMB3"  LOADCASE "SISMOY"  SF 0.08
COMBO "COMB4"  TYPE "Linear Add"
COMBO "COMB4"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB4"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB4"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB4"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB4"  LOADCASE "VIVA"  SF 1
COMBO "COMB4"  LOADCASE "SISMOX"  SF 0.27
COMBO "COMB4"  LOADCASE "SISMOY"  SF -0.08
COMBO "COMB5"  TYPE "Linear Add"
COMBO "COMB5"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB5"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB5"  LOADCASE "VIVA"  SF 1
COMBO "COMB5"  LOADCASE "SISMOX"  SF -0.27
COMBO "COMB5"  LOADCASE "SISMOY"  SF -0.08
COMBO "COMB6"  TYPE "Linear Add"
COMBO "COMB6"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB6"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB6"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB6"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB6"  LOADCASE "VIVA"  SF 1
COMBO "COMB6"  LOADCASE "SISMOX"  SF -0.27
COMBO "COMB6"  LOADCASE "SISMOY"  SF 0.08
COMBO "COMB7"  TYPE "Linear Add"
COMBO "COMB7"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB7"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB7"  LOADCASE "VIVA"  SF 1
COMBO "COMB7"  LOADCASE "SISMOX"  SF 0.08
COMBO "COMB7"  LOADCASE "SISMOY"  SF 0.27
COMBO "COMB8"  TYPE "Linear Add"
COMBO "COMB8"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB8"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB8"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB8"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB8"  LOADCASE "VIVA"  SF 1
COMBO "COMB8"  LOADCASE "SISMOX"  SF -0.08
COMBO "COMB8"  LOADCASE "SISMOY"  SF 0.27
COMBO "COMB9"  TYPE "Linear Add"
COMBO "COMB9"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB9"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB9"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB9"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB9"  LOADCASE "VIVA"  SF 1
COMBO "COMB9"  LOADCASE "SISMOX"  SF -0.08
COMBO "COMB9"  LOADCASE "SISMOY"  SF -0.27
COMBO "COMB10"  TYPE "Linear Add"
COMBO "COMB10"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB10"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB10"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB10"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB10"  LOADCASE "VIVA"  SF 1
COMBO "COMB10"  LOADCASE "SISMOX"  SF 0.08
COMBO "COMB10"  LOADCASE "SISMOY"  SF -0.27
COMBO "COMB11"  TYPE "Linear Add"
COMBO "COMB11"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB11"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB11"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB11"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB11"  LOADCASE "SISMOX"  SF 0.27
COMBO "COMB11"  LOADCASE "SISMOY"  SF 0.08
COMBO "COMB12"  TYPE "Linear Add"
COMBO "COMB12"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB12"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB12"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB12"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB12"  LOADCASE "SISMOX"  SF 0.27
COMBO "COMB12"  LOADCASE "SISMOY"  SF -0.08
COMBO "COMB13"  TYPE "Linear Add"
COMBO "COMB13"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB13"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB13"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB13"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB13"  LOADCASE "SISMOX"  SF -0.27
COMBO "COMB13"  LOADCASE "SISMOY"  SF -0.08
COMBO "COMB14"  TYPE "Linear Add"
COMBO "COMB14"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB14"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB14"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB14"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB14"  LOADCASE "SISMOX"  SF -0.27
COMBO "COMB14"  LOADCASE "SISMOY"  SF 0.08
COMBO "COMB15"  TYPE "Linear Add"
COMBO "COMB15"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB15"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB15"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB15"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB15"  LOADCASE "SISMOX"  SF 0.08
COMBO "COMB15"  LOADCASE "SISMOY"  SF 0.27
COMBO "COMB16"  TYPE "Linear Add"
COMBO "COMB16"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB16"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB16"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB16"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB16"  LOADCASE "SISMOX"  SF -0.08
COMBO "COMB16"  LOADCASE "SISMOY"  SF 0.27
COMBO "COMB17"  TYPE "Linear Add"
COMBO "COMB17"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB17"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB17"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB17"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB17"  LOADCASE "SISMOX"  SF -0.08
COMBO "COMB17"  LOADCASE "SISMOY"  SF -0.27
COMBO "COMB18"  TYPE "Linear Add"
COMBO "COMB18"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB18"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB18"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB18"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB18"  LOADCASE "SISMOX"  SF 0.08
COMBO "COMB18"  LOADCASE "SISMOY"  SF -0.27
COMBO "DER1"  TYPE "Linear Add"
COMBO "DER1"  LOADCASE "PPROPIO"  SF 1
COMBO "DER1"  LOADCASE "MUERTA"  SF 1
COMBO "DER1"  LOADCASE "VIVA"  SF 1
COMBO "DER1"  LOADCASE "SISMOX"  SF 1
COMBO "DER1"  LOADCASE "SISMOY"  SF 0.3
COMBO "DER2"  TYPE "Linear Add"
COMBO "DER2"  LOADCASE "PPROPIO"  SF 1
COMBO "DER2"  LOADCASE "MUERTA"  SF 1
COMBO "DER2"  LOADCASE "VIVA"  SF 1
COMBO "DER2"  LOADCASE "SISMOX"  SF 1
COMBO "DER2"  LOADCASE "SISMOY"  SF -0.3
COMBO "DER3"  TYPE "Linear Add"
COMBO "DER3"  LOADCASE "PPROPIO"  SF 1
COMBO "DER3"  LOADCASE "MUERTA"  SF 1
COMBO "DER3"  LOADCASE "VIVA"  SF 1
COMBO "DER3"  LOADCASE "SISMOX"  SF -1
COMBO "DER3"  LOADCASE "SISMOY"  SF -0.3
COMBO "DER4"  TYPE "Linear Add"
COMBO "DER4"  LOADCASE "PPROPIO"  SF 1
COMBO "DER4"  LOADCASE "MUERTA"  SF 1
COMBO "DER4"  LOADCASE "VIVA"  SF 1
COMBO "DER4"  LOADCASE "SISMOX"  SF -1
COMBO "DER4"  LOADCASE "SISMOY"  SF 0.3
COMBO "DER5"  TYPE "Linear Add"
COMBO "DER5"  LOADCASE "PPROPIO"  SF 1
COMBO "DER5"  LOADCASE "MUERTA"  SF 1
COMBO "DER5"  LOADCASE "VIVA"  SF 1
COMBO "DER5"  LOADCASE "SISMOX"  SF 0.3
COMBO "DER5"  LOADCASE "SISMOY"  SF 1
COMBO "DER6"  TYPE "Linear Add"
COMBO "DER6"  LOADCASE "PPROPIO"  SF 1
COMBO "DER6"  LOADCASE "MUERTA"  SF 1
COMBO "DER6"  LOADCASE "VIVA"  SF 1
COMBO "DER6"  LOADCASE "SISMOX"  SF -0.3
COMBO "DER6"  LOADCASE "SISMOY"  SF 1
COMBO "DER7"  TYPE "Linear Add"
COMBO "DER7"  LOADCASE "PPROPIO"  SF 1
COMBO "DER7"  LOADCASE "MUERTA"  SF 1
COMBO "DER7"  LOADCASE "VIVA"  SF 1
COMBO "DER7"  LOADCASE "SISMOX"  SF -0.3
COMBO "DER7"  LOADCASE "SISMOY"  SF -1
COMBO "DER8"  TYPE "Linear Add"
COMBO "DER8"  LOADCASE "PPROPIO"  SF 1
COMBO "DER8"  LOADCASE "MUERTA"  SF 1
COMBO "DER8"  LOADCASE "VIVA"  SF 1
COMBO "DER8"  LOADCASE "SISMOX"  SF 0.3
COMBO "DER8"  LOADCASE "SISMOY"  SF -1
COMBO "DER9"  TYPE "Linear Add"
COMBO "DER9"  LOADCASE "PPROPIO"  SF 1
COMBO "DER9"  LOADCASE "MUERTA"  SF 1
COMBO "DER9"  LOADCASE "SISMOX"  SF 1
COMBO "DER9"  LOADCASE "SISMOY"  SF 0.3
COMBO "DER10"  TYPE "Linear Add"
COMBO "DER10"  LOADCASE "PPROPIO"  SF 1
COMBO "DER10"  LOADCASE "MUERTA"  SF 1
COMBO "DER10"  LOADCASE "SISMOX"  SF 1
COMBO "DER10"  LOADCASE "SISMOY"  SF -0.3
COMBO "DER11"  TYPE "Linear Add"
COMBO "DER11"  LOADCASE "PPROPIO"  SF 1
COMBO "DER11"  LOADCASE "MUERTA"  SF 1
COMBO "DER11"  LOADCASE "SISMOX"  SF -1
COMBO "DER11"  LOADCASE "SISMOY"  SF -0.3
COMBO "DER12"  TYPE "Linear Add"
COMBO "DER12"  LOADCASE "PPROPIO"  SF 1
COMBO "DER12"  LOADCASE "MUERTA"  SF 1
COMBO "DER12"  LOADCASE "SISMOX"  SF -1
COMBO "DER12"  LOADCASE "SISMOY"  SF 0.3
COMBO "DER13"  TYPE "Linear Add"
COMBO "DER13"  LOADCASE "PPROPIO"  SF 1
COMBO "DER13"  LOADCASE "MUERTA"  SF 1
COMBO "DER13"  LOADCASE "SISMOX"  SF 0.3
COMBO "DER13"  LOADCASE "SISMOY"  SF 1
COMBO "DER14"  TYPE "Linear Add"
COMBO "DER14"  LOADCASE "PPROPIO"  SF 1
COMBO "DER14"  LOADCASE "MUERTA"  SF 1
COMBO "DER14"  LOADCASE "SISMOX"  SF -0.3
COMBO "DER14"  LOADCASE "SISMOY"  SF 1
COMBO "DER15"  TYPE "Linear Add"
COMBO "DER15"  LOADCASE "PPROPIO"  SF 1
COMBO "DER15"  LOADCASE "MUERTA"  SF 1
COMBO "DER15"  LOADCASE "SISMOX"  SF -0.3
COMBO "DER15"  LOADCASE "SISMOY"  SF -1
COMBO "DER16"  TYPE "Linear Add"
COMBO "DER16"  LOADCASE "PPROPIO"  SF 1
COMBO "DER16"  LOADCASE "MUERTA"  SF 1
COMBO "DER16"  LOADCASE "SISMOX"  SF 0.3
COMBO "DER16"  LOADCASE "SISMOY"  SF -1
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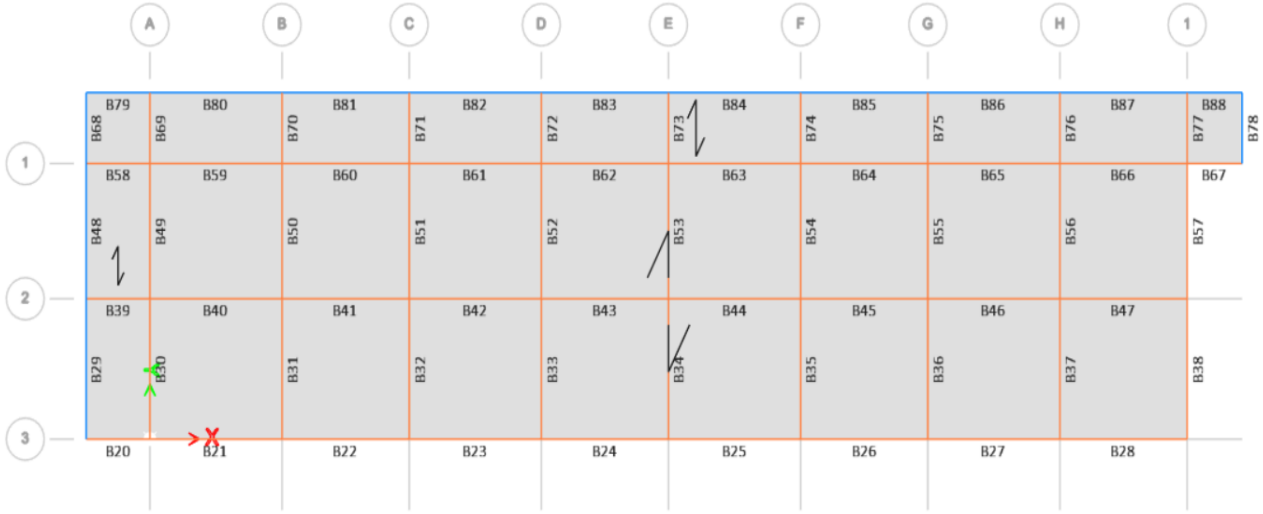
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COMBO "CIMENT"  TYPE "Linear Add"
COMBO "CIMENT"  LOADCASE "PPROPIO"  SF 1
COMBO "CIMENT"  LOADCASE "MUERTA"  SF 1
COMBO "CIMENT"  LOADCASE "VIVA"  SF 1
COMBO "CORPL3"  TYPE "Linear Add"
COMBO "CORPL3"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL3"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL3"  LOADCASE "VIVA"  SF 1
COMBO "CORPL3"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL3"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL4"  TYPE "Linear Add"
COMBO "CORPL4"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL4"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL4"  LOADCASE "VIVA"  SF 1
COMBO "CORPL4"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL4"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL5"  TYPE "Linear Add"
COMBO "CORPL5"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL5"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL5"  LOADCASE "VIVA"  SF 1
COMBO "CORPL5"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL5"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL6"  TYPE "Linear Add"
COMBO "CORPL6"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL6"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL6"  LOADCASE "VIVA"  SF 1
COMBO "CORPL6"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL6"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL7"  TYPE "Linear Add"
COMBO "CORPL7"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL7"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL7"  LOADCASE "VIVA"  SF 1
COMBO "CORPL7"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL7"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL8"  TYPE "Linear Add"
COMBO "CORPL8"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL8"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL8"  LOADCASE "VIVA"  SF 1
COMBO "CORPL8"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL8"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL9"  TYPE "Linear Add"
COMBO "CORPL9"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL9"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL9"  LOADCASE "VIVA"  SF 1
COMBO "CORPL9"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL9"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL10"  TYPE "Linear Add"
COMBO "CORPL10"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL10"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL10"  LOADCASE "VIVA"  SF 1
COMBO "CORPL10"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL10"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL11"  TYPE "Linear Add"
COMBO "CORPL11"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL11"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL11"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL11"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL12"  TYPE "Linear Add"
COMBO "CORPL12"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL12"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL12"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL12"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL13"  TYPE "Linear Add"
COMBO "CORPL13"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL13"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL13"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL13"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL14"  TYPE "Linear Add"
COMBO "CORPL14"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL14"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL14"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL14"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL15"  TYPE "Linear Add"
COMBO "CORPL15"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL15"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL15"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL15"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL16"  TYPE "Linear Add"
COMBO "CORPL16"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL16"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL16"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL16"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL17"  TYPE "Linear Add"
COMBO "CORPL17"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL17"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL17"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL17"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL18"  TYPE "Linear Add"
COMBO "CORPL18"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL18"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL18"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL18"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL3-1"  TYPE "Linear Add"
COMBO "CORPL3-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL3-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL3-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL3-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL3-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL4-1"  TYPE "Linear Add"
COMBO "CORPL4-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL4-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL4-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL4-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL4-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL5-1"  TYPE "Linear Add"
COMBO "CORPL5-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL5-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL5-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL5-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL5-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL6-1"  TYPE "Linear Add"
COMBO "CORPL6-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL6-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL6-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL6-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL6-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL7-1"  TYPE "Linear Add"
COMBO "CORPL7-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL7-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL7-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL7-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL7-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL8-1"  TYPE "Linear Add"
COMBO "CORPL8-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL8-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL8-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL8-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL8-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL9-1"  TYPE "Linear Add"
COMBO "CORPL9-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL9-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL9-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL9-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL9-1"  LOADCASE "SISMOY"  SF -0.81
COMBO "CORPL10-1"  TYPE "Linear Add"
COMBO "CORPL10-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL10-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL10-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL10-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL10-1"  LOADCASE "SISMOY"  SF -0.81
COMBO "CORPL11-1"  TYPE "Linear Add"
COMBO "CORPL11-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL11-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL11-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL11-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL12-1"  TYPE "Linear Add"
COMBO "CORPL12-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL12-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL12-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL12-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL13-1"  TYPE "Linear Add"
COMBO "CORPL13-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL13-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL13-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL13-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL14-1"  TYPE "Linear Add"
COMBO "CORPL14-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL14-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL14-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL14-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL15-1"  TYPE "Linear Add"
COMBO "CORPL15-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL15-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL15-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL15-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL16-1"  TYPE "Linear Add"
COMBO "CORPL16-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL16-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL16-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL16-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL17-1"  TYPE "Linear Add"
COMBO "CORPL17-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL17-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL17-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL17-1"  LOADCASE "SISMOY"  SF -0.81
COMBO "CORPL18-1"  TYPE "Linear Add"
COMBO "CORPL18-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL18-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL18-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL18-1"  LOADCASE "SISMOY"  SF -0.81

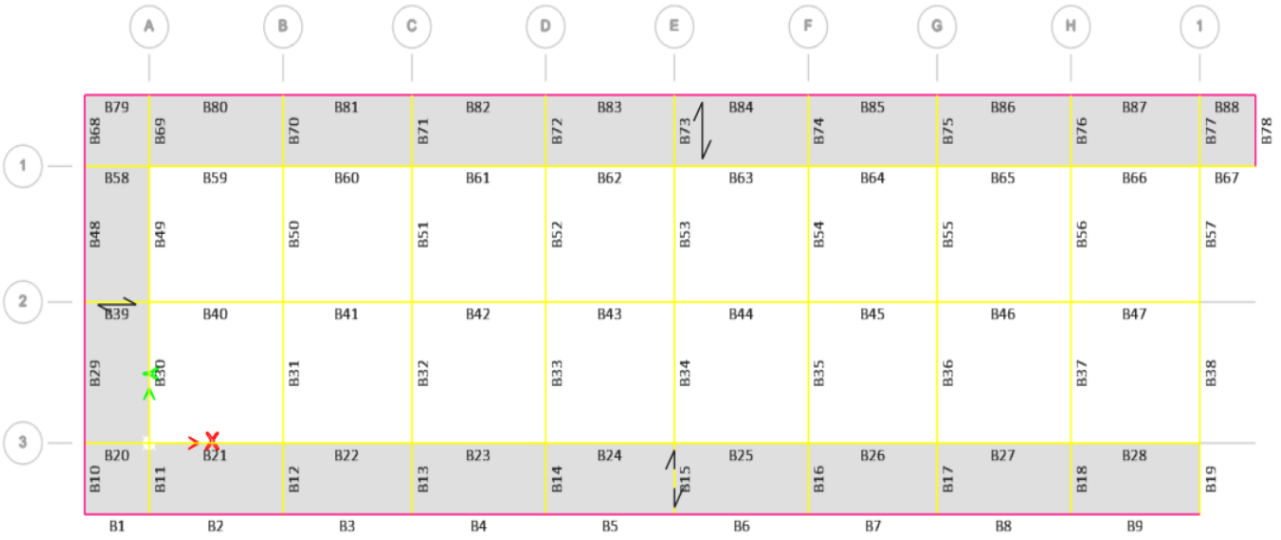
LOG STARTCOMMENTS
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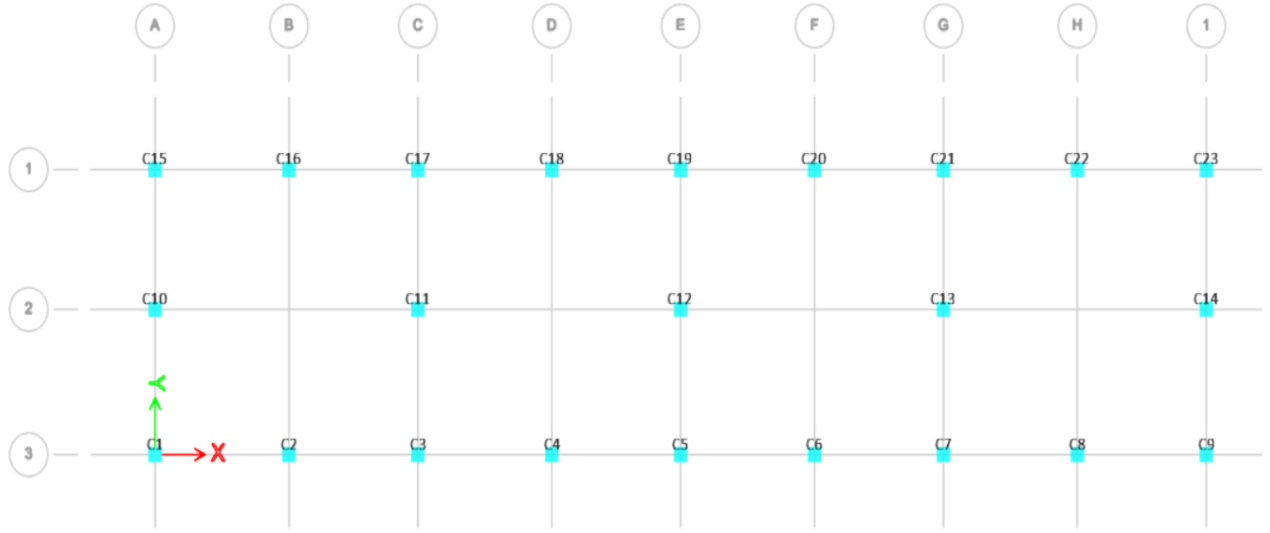
2.1 ISOMÉTRICO DE LA ESTRUCTURA



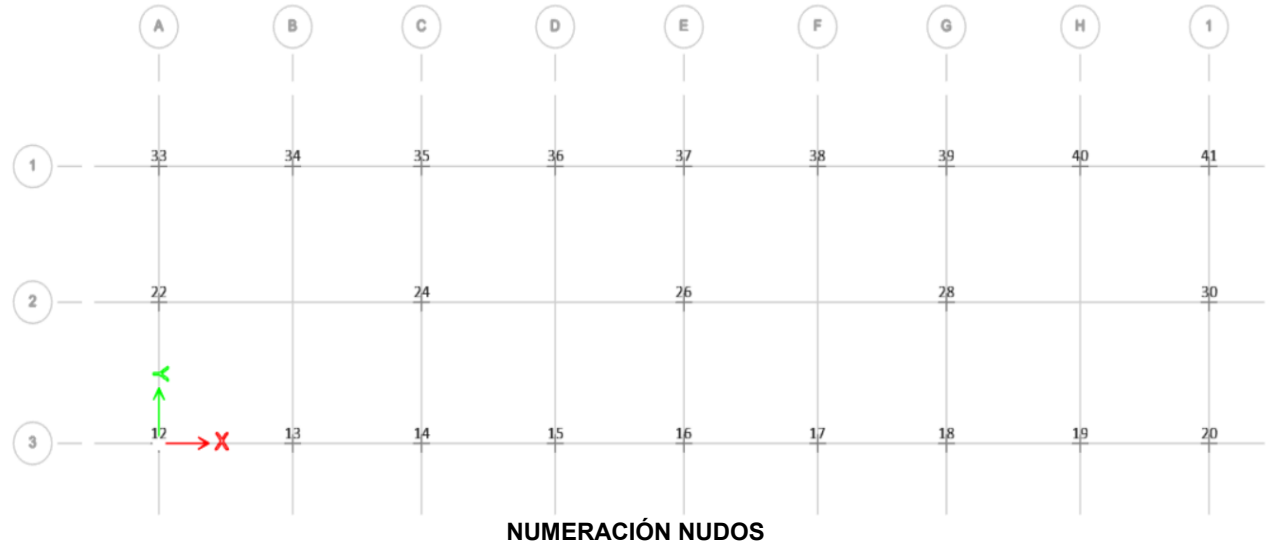



A
B
C
D
E
F
G
H
1
1
2
3
B79 B80 B81 B82 B83 B84 B85 B86 B87 B88
B68 B69 B70 B71 B72 B73 B74 B75 B76 B77 B78
B58 B59 B60 B61 B62 B63 B64 B65 B66 B67
B48 B49 B50 B51 B52 B53 B54 B55 B56 B57
B39 B40 B41 B42 B43 B44 B45 B46 B47
B29 B30 B31 B32 B33 B34 B35 B36 B37 B38
B20 B21 B22 B23 B24 B25 B26 B27 B28





NUMERACIÓN ELEMENTOS PLANTA PISO 2, CUBIERTA Y COLUMNAS



NUMERACIÓN NUDOS

2.2 COMBINACIONES DE CARGA

EVALUACIÓN DERIVAS

1.00CM+1.00CV + EQX + 0.30EQY	1.00CM+ EQX + 0.30EQY
1.00CM+1.00CV + EQX – 0.30EQY	1.00CM+ EQX – 0.30EQY
1.00CM+1.00CV – EQX + 0.30EQY	1.00CM– EQX + 0.30EQY
1.00CM+1.00CV – EQX – 0.30EQY	1.00CM– EQX – 0.30EQY
1.00CM+1.00CV + 0.30EQX + EQY	1.00CM+ 0.30EQX + EQY
1.00CM+1.00CV + 0.30EQX – EQY	1.00CM+ 0.30EQX – EQY
1.00CM+1.00CV – 0.30EQX + EQY	1.00CM– 0.30EQX + EQY
1.00CM+1.00CV – 0.30EQX – EQY	1.00CM– 0.30EQX – EQY

DISEÑO ESTRUCTURA

1.40CM
1.20CM+1.60CV

1.20CM+1.00CV + EQX/R + 0.30EQY/R	0.90CM+ EQX/R + 0.30EQY/R
1.20CM+1.00CV + EQX/R – 0.30EQY/R	0.90CM– EQX/R + 0.30EQY/R
1.20CM+1.00CV – EQX/R + 0.30EQY/R	0.90CM+ EQX/R – 0.30EQY/R
1.20CM+1.00CV – EQX/R – 0.30EQY/R	0.90CM– EQX/R – 0.30EQY/R
1.20CM+1.00CV + 0.30EQX/R + EQY/R	0.90CM+ 0.30EQX/R + EQY/R
1.20CM+1.00CV + 0.30EQX/R – EQY/R	0.90CM+ 0.30EQX/R – EQY/R
1.20CM+1.00CV – 0.30EQX/R + EQY/R	0.90CM– 0.30EQX/R + EQY/R
1.20CM+1.00CV – 0.30EQX/R – EQY/R	0.90CM– 0.30EQX/R – EQY/R

REVISIÓN CORTANTE VIGAS

1.20CM+1.00CV + 2EQX/R + 0.60EQY/R	0.90CM+ 2EQX/R + 0.60EQY/R
1.20CM+1.00CV + 2EQX/R – 0.60EQY/R	0.90CM– 2EQX/R + 0.60EQY/R
1.20CM+1.00CV – 2EQX/R + 0.60EQY/R	0.90CM+ 2EQX/R – 0.60EQY/R
1.20CM+1.00CV – 2EQX/R – 0.60EQY/R	0.90CM– 2EQX/R – 0.60EQY/R
1.20CM+1.00CV + 0.60EQX/R + 2EQY/R	0.90CM+ 0.60EQX/R + 2EQY/R
1.20CM+1.00CV + 0.60EQX/R – 2EQY/R	0.90CM+ 0.60EQX/R – 2EQY/R
1.20CM+1.00CV – 0.60EQX/R + 2EQY/R	0.90CM– 0.60EQX/R + 2EQY/R
1.20CM+1.00CV – 0.60EQX/R – 2EQY/R	0.90CM– 0.60EQX/R – 2EQY/R

REVISIÓN CORTANTE COLUMNAS

Incrementado por medio de Ω.
Donde: Ro = 5.00 Ω = 3.00

1.20CM+1.00CV + 3EQX/R + 0.90EQY/R	0.90CM+ 3EQX/R + 0.90EQY/R
1.20CM+1.00CV + 3EQX/R – 0.90EQY/R	0.90CM– 3EQX/R + 0.90EQY/R
1.20CM+1.00CV – 3EQX/R + 0.90EQY/R	0.90CM+ 3EQX/R – 0.90EQY/R
1.20CM+1.00CV – 3EQX/R – 0.90EQY/R	0.90CM– 3EQX/R – 0.90EQY/R
1.20CM+1.00CV + 0.90EQX/R + 3EQY/R	0.90CM+ 0.90EQX/R + 3EQY/R
1.20CM+1.00CV + 0.90EQX/R – 3EQY/R	0.90CM+ 0.90EQX/R – 3EQY/R
1.20CM+1.00CV – 0.90EQX/R + 3EQY/R	0.90CM– 0.90EQX/R + 3EQY/R
1.20CM+1.00CV – 0.90EQX/R – 3EQY/R	0.90CM– 0.90EQX/R – 3EQY/R

2.3 VERIFICACIÓN DE DERIVAS

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	12	DER1	0.047	0.027	0.021	3.35	0.034	OK	0.63
NE+3.45	12	DER1	0.021	0.012	-0.018	3.45	0.035	OK	-0.51
NE+6.80	12	DER2	0.048	-0.013	0.019	3.35	0.034	OK	0.58
NE+3.45	12	DER2	0.021	-0.005	-0.023	3.45	0.035	OK	-0.65
NE+6.80	12	DER3	-0.051	-0.018	0.021	3.35	0.034	OK	0.64
NE+3.45	12	DER3	-0.022	-0.008	-0.023	3.45	0.035	OK	-0.66
NE+6.80	12	DER4	-0.051	0.022	0.022	3.35	0.034	OK	0.67
NE+3.45	12	DER4	-0.022	0.009	-0.034	3.45	0.035	OK	-0.99
NE+6.80	12	DER5	0.012	0.072	0.030	3.35	0.034	OK	0.89
NE+3.45	12	DER5	0.006	0.029	-0.030	3.45	0.035	OK	-0.86
NE+6.80	12	DER6	-0.017	0.070	0.030	3.35	0.034	OK	0.90
NE+3.45	12	DER6	-0.007	0.028	-0.025	3.45	0.035	OK	-0.72
NE+6.80	12	DER7	-0.016	-0.063	0.027	3.35	0.034	OK	0.80
NE+3.45	12	DER7	-0.007	-0.026	-0.025	3.45	0.035	OK	-0.74
NE+6.80	12	DER8	0.014	-0.061	0.026	3.35	0.034	OK	0.78
NE+3.45	12	DER8	0.006	-0.025	-0.020	3.45	0.035	OK	-0.58
NE+6.80	12	DER9	0.048	0.025	0.021	3.35	0.034	OK	0.63
NE+3.45	12	DER9	0.021	0.011	-0.018	3.45	0.035	OK	-0.53
NE+6.80	12	DER10	0.048	-0.015	0.020	3.35	0.034	OK	0.59
NE+3.45	12	DER10	0.022	-0.005	-0.022	3.45	0.035	OK	-0.65
NE+6.80	12	DER11	-0.051	-0.020	0.021	3.35	0.034	OK	0.64
NE+3.45	12	DER11	-0.022	-0.008	-0.022	3.45	0.035	OK	-0.64
NE+6.80	12	DER12	-0.051	0.020	0.022	3.35	0.034	OK	0.66
NE+3.45	12	DER12	-0.022	0.008	-0.033	3.45	0.035	OK	-0.97
NE+6.80	12	DER13	0.013	0.070	0.029	3.35	0.034	OK	0.87
NE+3.45	12	DER13	0.006	0.029	-0.029	3.45	0.035	OK	-0.84
NE+6.80	12	DER14	-0.017	0.068	0.029	3.35	0.034	OK	0.87
NE+3.45	12	DER14	-0.007	0.028	-0.026	3.45	0.035	OK	-0.76
NE+6.80	12	DER15	-0.016	-0.064	0.027	3.35	0.034	OK	0.82
NE+3.45	12	DER15	-0.007	-0.026	-0.026	3.45	0.035	OK	-0.76
NE+6.80	12	DER16	0.014	-0.063	0.027	3.35	0.034	OK	0.79
NE+3.45	12	DER16	0.007	-0.026	0.018	3.45	0.035	OK	0.54

0.896

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	13	DER1	0.047	0.027	0.021	3.35	0.034	OK	0.64
NE+3.45	13	DER1	0.021	0.011	-0.018	3.45	0.035	OK	-0.52
NE+6.80	13	DER2	0.048	-0.013	0.019	3.35	0.034	OK	0.58
NE+3.45	13	DER2	0.021	-0.005	-0.022	3.45	0.035	OK	-0.64
NE+6.80	13	DER3	-0.051	-0.017	0.021	3.35	0.034	OK	0.63
NE+3.45	13	DER3	-0.022	-0.007	-0.023	3.45	0.035	OK	-0.67
NE+6.80	13	DER4	-0.051	0.024	0.023	3.35	0.034	OK	0.67
NE+3.45	13	DER4	-0.022	0.009	-0.035	3.45	0.035	OK	-1.02
NE+6.80	13	DER5	0.012	0.074	0.031	3.35	0.034	OK	0.94
NE+3.45	13	DER5	0.006	0.029	-0.031	3.45	0.035	OK	-0.91
NE+6.80	13	DER6	-0.017	0.072	0.032	3.35	0.034	OK	0.94
NE+3.45	13	DER6	-0.007	0.028	-0.025	3.45	0.035	OK	-0.73
NE+6.80	13	DER7	-0.016	-0.063	0.027	3.35	0.034	OK	0.82
NE+3.45	13	DER7	-0.007	-0.025	-0.026	3.45	0.035	OK	-0.76
NE+6.80	13	DER8	0.014	-0.062	0.027	3.35	0.034	OK	0.80
NE+3.45	13	DER8	0.006	-0.025	-0.020	3.45	0.035	OK	-0.58
NE+6.80	13	DER9	0.048	0.025	0.021	3.35	0.034	OK	0.63
NE+3.45	13	DER9	0.021	0.010	-0.019	3.45	0.035	OK	-0.54
NE+6.80	13	DER10	0.048	-0.015	0.020	3.35	0.034	OK	0.59
NE+3.45	13	DER10	0.022	-0.006	-0.022	3.45	0.035	OK	-0.64
NE+6.80	13	DER11	-0.050	-0.019	0.021	3.35	0.034	OK	0.64
NE+3.45	13	DER11	-0.022	-0.008	-0.022	3.45	0.035	OK	-0.65
NE+6.80	13	DER12	-0.051	0.022	0.022	3.35	0.034	OK	0.66
NE+3.45	13	DER12	-0.022	0.008	-0.034	3.45	0.035	OK	-1.00
NE+6.80	13	DER13	0.013	0.072	0.031	3.35	0.034	OK	0.91
NE+3.45	13	DER13	0.006	0.028	-0.030	3.45	0.035	OK	-0.88
NE+6.80	13	DER14	-0.017	0.070	0.031	3.35	0.034	OK	0.92
NE+3.45	13	DER14	-0.007	0.028	-0.027	3.45	0.035	OK	-0.78
NE+6.80	13	DER15	-0.016	-0.065	0.028	3.35	0.034	OK	0.84
NE+3.45	13	DER15	-0.007	-0.026	-0.027	3.45	0.035	OK	-0.79
NE+6.80	13	DER16	0.014	-0.064	0.028	3.35	0.034	OK	0.83
NE+3.45	13	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.53

0.945

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	14	DER1	0.047	0.025	0.021	3.35	0.034	OK	0.62
NE+3.45	14	DER1	0.021	0.011	-0.018	3.45	0.035	OK	-0.52
NE+6.80	14	DER2	0.048	-0.013	0.019	3.35	0.034	OK	0.57
NE+3.45	14	DER2	0.021	-0.005	-0.022	3.45	0.035	OK	-0.63
NE+6.80	14	DER3	-0.051	-0.015	0.021	3.35	0.034	OK	0.62
NE+3.45	14	DER3	-0.022	-0.007	-0.023	3.45	0.035	OK	-0.66
NE+6.80	14	DER4	-0.051	0.022	0.022	3.35	0.034	OK	0.66
NE+3.45	14	DER4	-0.022	0.009	-0.031	3.45	0.035	OK	-0.90
NE+6.80	14	DER5	0.012	0.067	0.027	3.35	0.034	OK	0.82
NE+3.45	14	DER5	0.006	0.029	-0.028	3.45	0.035	OK	-0.80
NE+6.80	14	DER6	-0.017	0.066	0.028	3.35	0.034	OK	0.82
NE+3.45	14	DER6	-0.007	0.028	-0.021	3.45	0.035	OK	-0.62
NE+6.80	14	DER7	-0.016	-0.058	0.024	3.35	0.034	OK	0.71
NE+3.45	14	DER7	-0.007	-0.025	-0.023	3.45	0.035	OK	-0.67
NE+6.80	14	DER8	0.014	-0.057	0.023	3.35	0.034	OK	0.70
NE+3.45	14	DER8	0.006	-0.024	-0.019	3.45	0.035	OK	-0.56
NE+6.80	14	DER9	0.048	0.023	0.020	3.35	0.034	OK	0.61
NE+3.45	14	DER9	0.021	0.010	-0.019	3.45	0.035	OK	-0.54
NE+6.80	14	DER10	0.048	-0.014	0.019	3.35	0.034	OK	0.58
NE+3.45	14	DER10	0.022	-0.006	-0.022	3.45	0.035	OK	-0.62
NE+6.80	14	DER11	-0.050	-0.017	0.021	3.35	0.034	OK	0.62
NE+3.45	14	DER11	-0.022	-0.008	-0.022	3.45	0.035	OK	-0.63
NE+6.80	14	DER12	-0.051	0.020	0.022	3.35	0.034	OK	0.65
NE+3.45	14	DER12	-0.022	0.008	-0.030	3.45	0.035	OK	-0.87
NE+6.80	14	DER13	0.013	0.065	0.027	3.35	0.034	OK	0.79
NE+3.45	14	DER13	0.006	0.028	-0.027	3.45	0.035	OK	-0.77
NE+6.80	14	DER14	-0.017	0.065	0.027	3.35	0.034	OK	0.80
NE+3.45	14	DER14	-0.007	0.028	-0.023	3.45	0.035	OK	-0.67
NE+6.80	14	DER15	-0.016	-0.060	0.025	3.35	0.034	OK	0.73
NE+3.45	14	DER15	-0.007	-0.026	-0.024	3.45	0.035	OK	-0.69
NE+6.80	14	DER16	0.014	-0.059	0.024	3.35	0.034	OK	0.72
NE+3.45	14	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.53

0.825

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	15	DER1	0.047	0.026	0.021	3.35	0.034	OK	0.63
NE+3.45	15	DER1	0.021	0.010	-0.018	3.45	0.035	OK	-0.53
NE+6.80	15	DER2	0.048	-0.014	0.019	3.35	0.034	OK	0.57
NE+3.45	15	DER2	0.021	-0.006	-0.021	3.45	0.035	OK	-0.62
NE+6.80	15	DER3	-0.051	-0.015	0.021	3.35	0.034	OK	0.62
NE+3.45	15	DER3	-0.022	-0.006	-0.023	3.45	0.035	OK	-0.68
NE+6.80	15	DER4	-0.051	0.024	0.023	3.35	0.034	OK	0.67
NE+3.45	15	DER4	-0.022	0.010	-0.034	3.45	0.035	OK	-0.97
NE+6.80	15	DER5	0.012	0.071	0.030	3.35	0.034	OK	0.90
NE+3.45	15	DER5	0.006	0.028	-0.031	3.45	0.035	OK	-0.89
NE+6.80	15	DER6	-0.017	0.071	0.031	3.35	0.034	OK	0.91
NE+3.45	15	DER6	-0.007	0.028	-0.024	3.45	0.035	OK	-0.68
NE+6.80	15	DER7	-0.016	-0.061	0.026	3.35	0.034	OK	0.78
NE+3.45	15	DER7	-0.007	-0.024	-0.026	3.45	0.035	OK	-0.74
NE+6.80	15	DER8	0.014	-0.060	0.026	3.35	0.034	OK	0.77
NE+3.45	15	DER8	0.006	-0.024	-0.020	3.45	0.035	OK	-0.57
NE+6.80	15	DER9	0.047	0.024	0.021	3.35	0.034	OK	0.62
NE+3.45	15	DER9	0.021	0.010	-0.019	3.45	0.035	OK	-0.55
NE+6.80	15	DER10	0.048	-0.016	0.020	3.35	0.034	OK	0.58
NE+3.45	15	DER10	0.022	-0.006	-0.021	3.45	0.035	OK	-0.62
NE+6.80	15	DER11	-0.050	-0.017	0.021	3.35	0.034	OK	0.63
NE+3.45	15	DER11	-0.022	-0.007	-0.022	3.45	0.035	OK	-0.65
NE+6.80	15	DER12	-0.051	0.022	0.022	3.35	0.034	OK	0.66
NE+3.45	15	DER12	-0.022	0.009	-0.033	3.45	0.035	OK	-0.94
NE+6.80	15	DER13	0.013	0.069	0.029	3.35	0.034	OK	0.88
NE+3.45	15	DER13	0.006	0.028	-0.030	3.45	0.035	OK	-0.86
NE+6.80	15	DER14	-0.017	0.069	0.030	3.35	0.034	OK	0.89
NE+3.45	15	DER14	-0.007	0.027	-0.025	3.45	0.035	OK	-0.74
NE+6.80	15	DER15	-0.015	-0.063	0.027	3.35	0.034	OK	0.80
NE+3.45	15	DER15	-0.007	-0.025	-0.026	3.45	0.035	OK	-0.77
NE+6.80	15	DER16	0.014	-0.062	0.027	3.35	0.034	OK	0.80
NE+3.45	15	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.52

0.914

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	16	DER1	0.047	0.023	0.020	3.35	0.034	OK	0.61
NE+3.45	16	DER1	0.021	0.010	-0.018	3.45	0.035	OK	-0.53
NE+6.80	16	DER2	0.047	-0.013	0.019	3.35	0.034	OK	0.57
NE+3.45	16	DER2	0.021	-0.006	-0.021	3.45	0.035	OK	-0.61
NE+6.80	16	DER3	-0.050	-0.013	0.020	3.35	0.034	OK	0.61
NE+3.45	16	DER3	-0.022	-0.006	-0.023	3.45	0.035	OK	-0.67
NE+6.80	16	DER4	-0.051	0.023	0.022	3.35	0.034	OK	0.66
NE+3.45	16	DER4	-0.022	0.010	-0.030	3.45	0.035	OK	-0.86
NE+6.80	16	DER5	0.012	0.066	0.027	3.35	0.034	OK	0.80
NE+3.45	16	DER5	0.006	0.028	-0.027	3.45	0.035	OK	-0.80
NE+6.80	16	DER6	-0.017	0.066	0.027	3.35	0.034	OK	0.81
NE+3.45	16	DER6	-0.007	0.028	-0.020	3.45	0.035	OK	-0.59
NE+6.80	16	DER7	-0.016	-0.056	0.023	3.35	0.034	OK	0.69
NE+3.45	16	DER7	-0.007	-0.024	-0.023	3.45	0.035	OK	-0.66
NE+6.80	16	DER8	0.014	-0.056	0.023	3.35	0.034	OK	0.69
NE+3.45	16	DER8	0.006	-0.024	-0.019	3.45	0.035	OK	-0.55
NE+6.80	16	DER9	0.047	0.021	0.020	3.35	0.034	OK	0.60
NE+3.45	16	DER9	0.021	0.009	-0.019	3.45	0.035	OK	-0.55
NE+6.80	16	DER10	0.048	-0.015	0.019	3.35	0.034	OK	0.58
NE+3.45	16	DER10	0.022	-0.007	-0.021	3.45	0.035	OK	-0.61
NE+6.80	16	DER11	-0.050	-0.015	0.021	3.35	0.034	OK	0.61
NE+3.45	16	DER11	-0.022	-0.007	-0.022	3.45	0.035	OK	-0.65
NE+6.80	16	DER12	-0.051	0.021	0.022	3.35	0.034	OK	0.65
NE+3.45	16	DER12	-0.022	0.009	-0.029	3.45	0.035	OK	-0.84
NE+6.80	16	DER13	0.013	0.064	0.026	3.35	0.034	OK	0.78
NE+3.45	16	DER13	0.006	0.027	-0.027	3.45	0.035	OK	-0.77
NE+6.80	16	DER14	-0.017	0.064	0.027	3.35	0.034	OK	0.79
NE+3.45	16	DER14	-0.007	0.027	-0.022	3.45	0.035	OK	-0.64
NE+6.80	16	DER15	-0.015	-0.058	0.024	3.35	0.034	OK	0.72
NE+3.45	16	DER15	-0.007	-0.025	-0.024	3.45	0.035	OK	-0.69
NE+6.80	16	DER16	0.014	-0.058	0.024	3.35	0.034	OK	0.71
NE+3.45	16	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.52

0.814

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	17	DER1	0.047	0.024	0.021	3.35	0.034	OK	0.62
NE+3.45	17	DER1	0.021	0.009	-0.019	3.45	0.035	OK	-0.54
NE+6.80	17	DER2	0.047	-0.015	0.019	3.35	0.034	OK	0.57
NE+3.45	17	DER2	0.021	-0.006	-0.021	3.45	0.035	OK	-0.61
NE+6.80	17	DER3	-0.050	-0.013	0.021	3.35	0.034	OK	0.61
NE+3.45	17	DER3	-0.022	-0.005	-0.024	3.45	0.035	OK	-0.69
NE+6.80	17	DER4	-0.051	0.026	0.023	3.35	0.034	OK	0.68
NE+3.45	17	DER4	-0.022	0.010	-0.033	3.45	0.035	OK	-0.94
NE+6.80	17	DER5	0.012	0.070	0.030	3.35	0.034	OK	0.89
NE+3.45	17	DER5	0.006	0.028	-0.031	3.45	0.035	OK	-0.89
NE+6.80	17	DER6	-0.017	0.070	0.030	3.35	0.034	OK	0.91
NE+3.45	17	DER6	-0.007	0.028	-0.023	3.45	0.035	OK	-0.66
NE+6.80	17	DER7	-0.016	-0.059	0.026	3.35	0.034	OK	0.77
NE+3.45	17	DER7	-0.007	-0.024	-0.026	3.45	0.035	OK	-0.74
NE+6.80	17	DER8	0.014	-0.060	0.025	3.35	0.034	OK	0.76
NE+3.45	17	DER8	0.006	-0.024	-0.019	3.45	0.035	OK	-0.56
NE+6.80	17	DER9	0.047	0.022	0.020	3.35	0.034	OK	0.61
NE+3.45	17	DER9	0.021	0.009	-0.019	3.45	0.035	OK	-0.56
NE+6.80	17	DER10	0.048	-0.017	0.020	3.35	0.034	OK	0.59
NE+3.45	17	DER10	0.022	-0.007	-0.021	3.45	0.035	OK	-0.60
NE+6.80	17	DER11	-0.050	-0.016	0.021	3.35	0.034	OK	0.62
NE+3.45	17	DER11	-0.022	-0.006	-0.023	3.45	0.035	OK	-0.67
NE+6.80	17	DER12	-0.050	0.024	0.022	3.35	0.034	OK	0.66
NE+3.45	17	DER12	-0.022	0.009	-0.032	3.45	0.035	OK	-0.92
NE+6.80	17	DER13	0.013	0.068	0.029	3.35	0.034	OK	0.87
NE+3.45	17	DER13	0.006	0.027	-0.030	3.45	0.035	OK	-0.87
NE+6.80	17	DER14	-0.017	0.068	0.030	3.35	0.034	OK	0.88
NE+3.45	17	DER14	-0.007	0.027	-0.025	3.45	0.035	OK	-0.71
NE+6.80	17	DER15	-0.015	-0.061	0.026	3.35	0.034	OK	0.79
NE+3.45	17	DER15	-0.007	-0.025	-0.027	3.45	0.035	OK	-0.77
NE+6.80	17	DER16	0.014	-0.062	0.026	3.35	0.034	OK	0.79
NE+3.45	17	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.52

0.909

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	18	DER1	0.047	0.022	0.020	3.35	0.034	OK	0.60
NE+3.45	18	DER1	0.021	0.009	-0.019	3.45	0.035	OK	-0.54
NE+6.80	18	DER2	0.047	-0.014	0.019	3.35	0.034	OK	0.57
NE+3.45	18	DER2	0.021	-0.006	-0.021	3.45	0.035	OK	-0.60

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	19	DER1	0.047	0.023	0.020	3.35	0.034	OK	0.61
NE+3.45	19	DER1	0.021	0.009	-0.019	3.45	0.035	OK	-0.55
NE+6.80	19	DER2	0.047	-0.015	0.019	3.35	0.034	OK	0.57
NE+3.45	19	DER2	0.021	-0.007	-0.021	3.45	0.035	OK	-0.60

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	20	DER1	0.047	0.020	0.020	3.35	0.034	OK	0.59
NE+3.45	20	DER1	0.021	0.008	-0.019	3.45	0.035	OK	-0.54
NE+6.80	20	DER2	0.047	-0.014	0.019	3.35	0.034	OK	0.56
NE+3.45	20	DER2	0.021	-0.007	-0.020	3.45	0.035	OK	-0.58

NE+6.80	18	DER3	-0.050	-0.012	0.020	3.35	0.034	OK	0.61
NE+3.45	18	DER3	-0.022	-0.005	-0.023	3.45	0.035	OK	-0.68
NE+6.80	18	DER4	-0.051	0.024	0.022	3.35	0.034	OK	0.66
NE+3.45	18	DER4	-0.022	0.011	-0.029	3.45	0.035	OK	-0.83
NE+6.80	18	DER5	0.012	0.065	0.026	3.35	0.034	OK	0.79
NE+3.45	18	DER5	0.006	0.028	-0.028	3.45	0.035	OK	-0.80
NE+6.80	18	DER6	-0.017	0.065	0.027	3.35	0.034	OK	0.81
NE+3.45	18	DER6	-0.007	0.028	-0.020	3.45	0.035	OK	-0.57
NE+6.80	18	DER7	-0.016	-0.055	0.023	3.35	0.034	OK	0.68
NE+3.45	18	DER7	-0.007	-0.023	-0.023	3.45	0.035	OK	-0.66
NE+6.80	18	DER8	0.014	-0.055	0.023	3.35	0.034	OK	0.68
NE+3.45	18	DER8	0.006	-0.024	-0.019	3.45	0.035	OK	-0.54
NE+6.80	18	DER9	0.047	0.020	0.020	3.35	0.034	OK	0.60
NE+3.45	18	DER9	0.021	0.008	-0.019	3.45	0.035	OK	-0.56
NE+6.80	18	DER10	0.048	-0.016	0.019	3.35	0.034	OK	0.58
NE+3.45	18	DER10	0.022	-0.007	-0.020	3.45	0.035	OK	-0.59
NE+6.80	18	DER11	-0.050	-0.014	0.020	3.35	0.034	OK	0.61
NE+3.45	18	DER11	-0.022	-0.006	-0.023	3.45	0.035	OK	-0.66
NE+6.80	18	DER12	-0.050	0.022	0.022	3.35	0.034	OK	0.65
NE+3.45	18	DER12	-0.022	0.010	-0.028	3.45	0.035	OK	-0.81
NE+6.80	18	DER13	0.013	0.063	0.026	3.35	0.034	OK	0.76
NE+3.45	18	DER13	0.006	0.027	-0.027	3.45	0.035	OK	-0.78
NE+6.80	18	DER14	-0.017	0.064	0.026	3.35	0.034	OK	0.78
NE+3.45	18	DER14	-0.007	0.027	-0.021	3.45	0.035	OK	-0.62
NE+6.80	18	DER15	-0.015	-0.057	0.024	3.35	0.034	OK	0.70
NE+3.45	18	DER15	-0.007	-0.024	-0.024	3.45	0.035	OK	-0.69
NE+6.80	18	DER16	0.014	-0.057	0.023	3.35	0.034	OK	0.70
NE+3.45	18	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.52

0.808

NE+6.80	19	DER3	-0.050	-0.011	0.020	3.35	0.034	OK	0.61
NE+3.45	19	DER3	-0.022	-0.005	-0.024	3.45	0.035	OK	-0.70
NE+6.80	19	DER4	-0.051	0.027	0.023	3.35	0.034	OK	0.68
NE+3.45	19	DER4	-0.022	0.011	-0.031	3.45	0.035	OK	-0.90
NE+6.80	19	DER5	0.012	0.068	0.029	3.35	0.034	OK	0.87
NE+3.45	19	DER5	0.006	0.027	-0.031	3.45	0.035	OK	-0.89
NE+6.80	19	DER6	-0.017	0.069	0.030	3.35	0.034	OK	0.89
NE+3.45	19	DER6	-0.007	0.028	-0.021	3.45	0.035	OK	-0.62
NE+6.80	19	DER7	-0.016	-0.057	0.025	3.35	0.034	OK	0.73
NE+3.45	19	DER7	-0.007	-0.023	-0.025	3.45	0.035	OK	-0.72
NE+6.80	19	DER8	0.014	-0.058	0.025	3.35	0.034	OK	0.73
NE+3.45	19	DER8	0.006	-0.024	-0.019	3.45	0.035	OK	-0.55
NE+6.80	19	DER9	0.047	0.021	0.020	3.35	0.034	OK	0.60
NE+3.45	19	DER9	0.021	0.008	-0.020	3.45	0.035	OK	-0.57
NE+6.80	19	DER10	0.048	-0.017	0.020	3.35	0.034	OK	0.59
NE+3.45	19	DER10	0.022	-0.007	-0.020	3.45	0.035	OK	-0.59
NE+6.80	19	DER11	-0.050	-0.013	0.020	3.35	0.034	OK	0.61
NE+3.45	19	DER11	-0.022	-0.005	-0.023	3.45	0.035	OK	-0.68
NE+6.80	19	DER12	-0.050	0.025	0.022	3.35	0.034	OK	0.66
NE+3.45	19	DER12	-0.022	0.010	-0.030	3.45	0.035	OK	-0.87
NE+6.80	19	DER13	0.013	0.066	0.028	3.35	0.034	OK	0.84
NE+3.45	19	DER13	0.006	0.026	-0.030	3.45	0.035	OK	-0.86
NE+6.80	19	DER14	-0.017	0.067	0.029	3.35	0.034	OK	0.87
NE+3.45	19	DER14	-0.007	0.027	-0.023	3.45	0.035	OK	-0.67
NE+6.80	19	DER15	-0.015	-0.059	0.025	3.35	0.034	OK	0.76
NE+3.45	19	DER15	-0.007	-0.024	-0.026	3.45	0.035	OK	-0.75
NE+6.80	19	DER16	0.014	-0.060	0.025	3.35	0.034	OK	0.76
NE+3.45	19	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.51

0.893

NE+6.80	20	DER3	-0.051	-0.009	0.020	3.35	0.034	OK	0.60
NE+3.45	20	DER3	-0.022	-0.004	-0.024	3.45	0.035	OK	-0.69
NE+6.80	20	DER4	-0.051	0.025	0.022	3.35	0.034	OK	0.66
NE+3.45	20	DER4	-0.022	0.011	-0.027	3.45	0.035	OK	-0.77
NE+6.80	20	DER5	0.012	0.062	0.025	3.35	0.034	OK	0.74
NE+3.45	20	DER5	0.006	0.027	-0.026	3.45	0.035	OK	-0.77
NE+6.80	20	DER6	-0.017	0.063	0.026	3.35	0.034	OK	0.77
NE+3.45	20	DER6	-0.007	0.028	-0.017	3.45	0.035	OK	-0.48
NE+6.80	20	DER7	-0.016	-0.050	0.020	3.35	0.034	OK	0.60
NE+3.45	20	DER7	-0.007	-0.023	-0.021	3.45	0.035	OK	-0.60
NE+6.80	20	DER8	0.014	-0.052	0.020	3.35	0.034	OK	0.60
NE+3.45	20	DER8	0.006	-0.024	-0.019	3.45	0.035	OK	-0.54
NE+6.80	20	DER9	0.047	0.019	0.020	3.35	0.034	OK	0.59
NE+3.45	20	DER9	0.021	0.007	-0.019	3.45	0.035	OK	-0.56
NE+6.80	20	DER10	0.048	-0.015	0.019	3.35	0.034	OK	0.57
NE+3.45	20	DER10	0.022	-0.008	-0.020	3.45	0.035	OK	-0.58
NE+6.80	20	DER11	-0.050	-0.011	0.020	3.35	0.034	OK	0.60
NE+3.45	20	DER11	-0.022	-0.005	-0.023	3.45	0.035	OK	-0.67
NE+6.80	20	DER12	-0.051	0.023	0.022	3.35	0.034	OK	0.65
NE+3.45	20	DER12	-0.022	0.010	-0.026	3.45	0.035	OK	-0.74
NE+6.80	20	DER13	0.013	0.060	0.024	3.35	0.034	OK	0.72
NE+3.45	20	DER13	0.006	0.026	-0.026	3.45	0.035	OK	-0.74
NE+6.80	20	DER14	-0.017	0.061	0.025	3.35	0.034	OK	0.74
NE+3.45	20	DER14	-0.007	0.027	-0.018	3.45	0.035	OK	-0.53
NE+6.80	20	DER15	-0.015	-0.052	0.021	3.35	0.034	OK	0.62
NE+3.45	20	DER15	-0.007	-0.023	-0.022	3.45	0.035	OK	-0.62
NE+6.80	20	DER16	0.014	-0.053	0.021	3.35	0.034	OK	0.63
NE+3.45	20	DER16	0.006	-0.024	0.018	3.45	0.035	OK	0.51

0.765

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	22	DER1	0.049	0.027	0.022	3.35	0.034	OK	0.66
NE+3.45	22	DER1	0.022	0.012	-0.019	3.45	0.035	OK	-0.54
NE+6.80	22	DER2	0.049	-0.013	0.020	3.35	0.034	OK	0.61
NE+3.45	22	DER2	0.022	-0.005	-0.024	3.45	0.035	OK	-0.70
NE+6.80	22	DER3	-0.054	-0.018	0.023	3.35	0.034	OK	0.69
NE+3.45	22	DER3	-0.023	-0.008	-0.024	3.45	0.035	OK	-0.70
NE+6.80	22	DER4	-0.054	0.022	0.024	3.35	0.034	OK	0.71
NE+3.45	22	DER4	-0.023	0.009	-0.034	3.45	0.035	OK	-0.99
NE+6.80	22	DER5	0.013	0.072	0.030	3.35	0.034	OK	0.90
NE+3.45	22	DER5	0.006	0.029	-0.030	3.45	0.035	OK	-0.86
NE+6.80	22	DER6	-0.018	0.070	0.030	3.35	0.034	OK	0.90
NE+3.45	22	DER6	-0.007	0.028	-0.025	3.45	0.035	OK	-0.72
NE+6.80	22	DER7	-0.018	-0.063	0.027	3.35	0.034	OK	0.80
NE+3.45	22	DER7	-0.007	-0.026	-0.025	3.45	0.035	OK	-0.73
NE+6.80	22	DER8	0.013	-0.061	0.026	3.35	0.034	OK	0.78
NE+3.45	22	DER8	0.006	-0.025	-0.021	3.45	0.035	OK	-0.62
NE+6.80	22	DER9	0.050	0.025	0.022	3.35	0.034	OK	0.66
NE+3.45	22	DER9	0.022	0.011	-0.019	3.45	0.035	OK	-0.56
NE+6.80	22	DER10	0.050	-0.015	0.021	3.35	0.034	OK	0.62
NE+3.45	22	DER10	0.022	-0.005	-0.024	3.45	0.035	OK	-0.70
NE+6.80	22	DER11	-0.053	-0.020	0.023	3.35	0.034	OK	0.68
NE+3.45	22	DER11	-0.023	-0.008	-0.023	3.45	0.035	OK	-0.67
NE+6.80	22	DER12	-0.053	0.020	0.023	3.35	0.034	OK	0.69
NE+3.45	22	DER12	-0.023	0.008	-0.033	3.45	0.035	OK	-0.96
NE+6.80	22	DER13	0.014	0.070	0.029	3.35	0.034	OK	0.87
NE+3.45	22	DER13	0.006	0.029	-0.029	3.45	0.035	OK	-0.84
NE+6.80	22	DER14	-0.017	0.068	0.029	3.35	0.034	OK	0.88
NE+3.45	22	DER14	-0.007	0.028	-0.027	3.45	0.035	OK	-0.77
NE+6.80	22	DER15	-0.017	-0.064	0.028	3.35	0.034	OK	0.82
NE+3.45	22	DER15	-0.007	-0.026	-0.026	3.45	0.035	OK	-0.75
NE+6.80	22	DER16	0.014	-0.063	0.027	3.35	0.034	OK	0.80
NE+3.45	22	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.53

0.899

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	24	DER1	0.049	0.025	0.022	3.35	0.034	OK	0.65
NE+3.45	24	DER1	0.022	0.011	-0.019	3.45	0.035	OK	-0.54
NE+6.80	24	DER2	0.049	-0.013	0.020	3.35	0.034	OK	0.60
NE+3.45	24	DER2	0.022	-0.005	-0.023	3.45	0.035	OK	-0.68
NE+6.80	24	DER3	-0.054	-0.015	0.022	3.35	0.034	OK	0.67
NE+3.45	24	DER3	-0.023	-0.007	-0.024	3.45	0.035	OK	-0.70
NE+6.80	24	DER4	-0.054	0.022	0.023	3.35	0.034	OK	0.70
NE+3.45	24	DER4	-0.023	0.009	-0.031	3.45	0.035	OK	-0.89
NE+6.80	24	DER5	0.013	0.067	0.027	3.35	0.034	OK	0.82
NE+3.45	24	DER5	0.006	0.029	-0.028	3.45	0.035	OK	-0.80
NE+6.80	24	DER6	-0.018	0.066	0.028	3.35	0.034	OK	0.83
NE+3.45	24	DER6	-0.007	0.028	-0.022	3.45	0.035	OK	-0.63
NE+6.80	24	DER7	-0.018	-0.058	0.024	3.35	0.034	OK	0.72
NE+3.45	24	DER7	-0.007	-0.025	-0.023	3.45	0.035	OK	-0.66
NE+6.80	24	DER8	0.013	-0.057	0.023	3.35	0.034	OK	0.69
NE+3.45	24	DER8	0.006	-0.024	-0.021	3.45	0.035	OK	-0.60
NE+6.80	24	DER9	0.050	0.023	0.022	3.35	0.034	OK	0.64
NE+3.45	24	DER9	0.022	0.010	-0.019	3.45	0.035	OK	-0.56
NE+6.80	24	DER10	0.050	-0.014	0.020	3.35	0.034	OK	0.61
NE+3.45	24	DER10	0.022	-0.006	-0.023	3.45	0.035	OK	-0.67
NE+6.80	24	DER11	-0.053	-0.017	0.022	3.35	0.034	OK	0.67
NE+3.45	24	DER11	-0.023	-0.008	-0.023	3.45	0.035	OK	-0.67
NE+6.80	24	DER12	-0.053	0.020	0.023	3.35	0.034	OK	0.69
NE+3.45	24	DER12	-0.023	0.008	-0.030	3.45	0.035	OK	-0.87
NE+6.80	24	DER13	0.014	0.065	0.027	3.35	0.034	OK	0.80
NE+3.45	24	DER13	0.006	0.028	-0.027	3.45	0.035	OK	-0.78
NE+6.80	24	DER14	-0.017	0.065	0.027	3.35	0.034	OK	0.80
NE+3.45	24	DER14	-0.007	0.028	-0.023	3.45	0.035	OK	-0.68
NE+6.80	24	DER15	-0.017	-0.059	0.025	3.35	0.034	OK	0.74
NE+3.45	24	DER15	-0.007	-0.026	-0.024	3.45	0.035	OK	-0.68
NE+6.80	24	DER16	0.014	-0.059	0.024	3.35	0.034	OK	0.72
NE+3.45	24	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.53

0.827

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	26	DER1	0.049	0.023	0.021	3.35	0.034	OK	0.64
NE+3.45	26	DER1	0.022	0.010	-0.019	3.45	0.035	OK	-0.55
NE+6.80	26	DER2	0.049	-0.013	0.020	3.35	0.034	OK	0.60
NE+3.45	26	DER2	0.022	-0.006	-0.023	3.45	0.035	OK	-0.66
NE+6.80	26	DER3	-0.053	-0.013	0.022	3.35	0.034	OK	0.66
NE+3.45	26	DER3	-0.023	-0.006	-0.024	3.45	0.035	OK	-0.71
NE+6.80	26	DER4	-0.053	0.023	0.024	3.35	0.034	OK	0.70
NE+3.45	26	DER4	-0.023	0.010	-0.030	3.45	0.035	OK	-0.86
NE+6.80	26	DER5	0.013	0.066	0.027	3.35	0.034	OK	0.80
NE+3.45	26	DER5	0.006	0.028	-0.028	3.45	0.035	OK	-0.80
NE+6.80	26	DER6	-0.018	0.066	0.027	3.35	0.034	OK	0.82
NE+3.45	26	DER6	-0.007	0.028	-0.021	3.45	0.035	OK	-0.60
NE+6.80	26	DER7	-0.018	-0.056	0.023	3.35	0.034	OK	0.70
NE+3.45	26	DER7	-0.007	-0.024	-0.023	3.45	0.035	OK	-0.66
NE+6.80	26	DER8	0.013	-0.056	0.023	3.35	0.034	OK	0.68
NE+3.45	26	DER8	0.006	-0.024	-0.020	3.45	0.035	OK	-0.59
NE+6.80	26	DER9	0.050	0.021	0.021	3.35	0.034	OK	0.63
NE+3.45	26	DER9	0.022	0.009	-0.020	3.45	0.035	OK	-0.57
NE+6.80	26	DER10	0.050	-0.015	0.020	3.35	0.034	OK	0.61
NE+3.45	26	DER10	0.022	-0.007	-0.023	3.45	0.035	OK	-0.65
NE+6.80	26	DER11	-0.053	-0.015	0.022	3.35	0.034	OK	0.66
NE+3.45	26	DER11	-0.023	-0.007	-0.024	3.45	0.035	OK	-0.68
NE+6.80	26	DER12	-0.053	0.021	0.023	3.35	0.034	OK	0.68
NE+3.45	26	DER12	-0.023	0.009	-0.029	3.45	0.035	OK	-0.83
NE+6.80	26	DER13	0.014	0.064	0.026	3.35	0.034	OK	0.78
NE+3.45	26	DER13	0.006	0.027	-0.027	3.45	0.035	OK	-0.77
NE+6.80	26	DER14	-0.017	0.064	0.027	3.35	0.034	OK	0.79
NE+3.45	26	DER14	-0.007	0.027	-0.022	3.45	0.035	OK	-0.65
NE+6.80	26	DER15	-0.017	-0.058	0.024	3.35	0.034	OK	0.72
NE+3.45	26	DER15	-0.007	-0.025	-0.024	3.45	0.035	OK	-0.68
NE+6.80	26	DER16	0.014	-0.058	0.024	3.35	0.034	OK	0.71
NE+3.45	26	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.52

0.817

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	28	DER1	0.049	0.022	0.021	3.35	0.034	OK	0.63
NE+3.45	28	DER1	0.022	0.009	-0.019	3.45	0.035	OK	-0.56
NE+6.80	28	DER2	0.049	-0.014	0.020	3.35	0.034	OK	0.60
NE+3.45	28	DER2	0.022	-0.006	-0.022	3.45	0.035	OK	-0.65
NE+6.80	28	DER3	-0.053	-0.012	0.022	3.35	0.034	OK	0.66
NE+3.45	28	DER3	-0.023	-0.005	-0.025	3.45	0.035	OK	-0.72
NE+6.80	28	DER4	-0.053	0.024	0.024	3.35	0.034	OK	0.70
NE+3.45	28	DER4	-0.023	0.011	-0.029	3.45	0.035	OK	-0.83
NE+6.80	28	DER5	0.013	0.065	0.026	3.35	0.034	OK	0.79
NE+3.45	28	DER5	0.006	0.028	-0.028	3.45	0.035	OK	-0.80
NE+6.80	28	DER6	-0.018	0.065	0.027	3.35	0.034	OK	0.81
NE+3.45	28	DER6	-0.007	0.028	-0.020	3.45	0.035	OK	-0.58
NE+6.80	28	DER7	-0.018	-0.055	0.023	3.35	0.034	OK	0.69
NE+3.45	28	DER7	-0.007	-0.023	-0.023	3.45	0.035	OK	-0.66
NE+6.80	28	DER8	0.013	-0.055	0.023	3.35	0.034	OK	0.67
NE+3.45	28	DER8	0.006	-0.024	-0.020	3.45	0.035	OK	-0.58
NE+6.80	28	DER9	0.050	0.020	0.021	3.35	0.034	OK	0.63
NE+3.45	28	DER9	0.022	0.008	-0.020	3.45	0.035	OK	-0.58
NE+6.80	28	DER10	0.050	-0.016	0.020	3.35	0.034	OK	0.61
NE+3.45	28	DER10	0.022	-0.007	-0.022	3.45	0.035	OK	-0.64
NE+6.80	28	DER11	-0.053	-0.014	0.022	3.35	0.034	OK	0.66
NE+3.45	28	DER11	-0.023	-0.006	-0.024	3.45	0.035	OK	-0.69
NE+6.80	28	DER12	-0.053	0.022	0.023	3.35	0.034	OK	0.69
NE+3.45	28	DER12	-0.023	0.010	-0.028	3.45	0.035	OK	-0.81
NE+6.80	28	DER13	0.014	0.063	0.026	3.35	0.034	OK	0.77
NE+3.45	28	DER13	0.006	0.027	-0.027	3.45	0.035	OK	-0.78
NE+6.80	28	DER14	-0.017	0.064	0.026	3.35	0.034	OK	0.79
NE+3.45	28	DER14	-0.007	0.027	-0.022	3.45	0.035	OK	-0.63
NE+6.80	28	DER15	-0.017	-0.056	0.024	3.35	0.034	OK	0.71
NE+3.45	28	DER15	-0.007	-0.024	-0.024	3.45	0.035	OK	-0.68
NE+6.80	28	DER16	0.014	-0.057	0.023	3.35	0.034	OK	0.70
NE+3.45	28	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.52

0.811

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	30	DER1	0.049	0.020	0.021	3.35	0.034	OK	0.63
NE+3.45	30	DER1	0.022	0.008	-0.019	3.45	0.035	OK	-0.56
NE+6.80	30	DER2	0.049	-0.014	0.020	3.35	0.034	OK	0.59
NE+3.45	30	DER2	0.022	-0.007	-0.022	3.45	0.035	OK	-0.64
NE+6.80	30	DER3	-0.054	-0.009	0.022	3.35	0.034	OK	0.65
NE+3.45	30	DER3	-0.023	-0.004	-0.025	3.45	0.035	OK	-0.73
NE+6.80	30	DER4	-0.053	0.025	0.024	3.35	0.034	OK	0.71
NE+3.45	30	DER4	-0.023	0.011	-0.026	3.45	0.035	OK	-0.77
NE+6.80	30	DER5	0.013	0.062	0.025	3.35	0.034	OK	0.74
NE+3.45	30	DER5	0.006	0.027	-0.026	3.45	0.035	OK	-0.77
NE+6.80	30	DER6	-0.018	0.063	0.026	3.35	0.034	OK	0.77
NE+3.45	30	DER6	-0.007	0.028	-0.017	3.45	0.035	OK	-0.49
NE+6.80	30	DER7	-0.018	-0.050	0.020	3.35	0.034	OK	0.61
NE+3.45	30	DER7	-0.007	-0.023	-0.020	3.45	0.035	OK	-0.59
NE+6.80	30	DER8	0.013	-0.051	0.020	3.35	0.034	OK	0.60
NE+3.45	30	DER8	0.006	-0.024	-0.020	3.45	0.035	OK	-0.58
NE+6.80	30	DER9	0.050	0.019	0.021	3.35	0.034	OK	0.62
NE+3.45	30	DER9	0.022	0.007	-0.020	3.45	0.035	OK	-0.58
NE+6.80	30	DER10	0.049	-0.015	0.020	3.35	0.034	OK	0.60
NE+3.45	30	DER10	0.022	-0.008	-0.022	3.45	0.035	OK	-0.63
NE+6.80	30	DER11	-0.053	-0.011	0.022	3.35	0.034	OK	0.65
NE+3.45	30	DER11	-0.023	-0.005	-0.024	3.45	0.035	OK	-0.71
NE+6.80	30	DER12	-0.053	0.023	0.023	3.35	0.034	OK	0.69
NE+3.45	30	DER12	-0.023	0.010	-0.026	3.45	0.035	OK	-0.74
NE+6.80	30	DER13	0.014	0.060	0.024	3.35	0.034	OK	0.72
NE+3.45	30	DER13	0.006	0.026	-0.026	3.45	0.035	OK	-0.74
NE+6.80	30	DER14	-0.017	0.061	0.025	3.35	0.034	OK	0.74
NE+3.45	30	DER14	-0.007	0.027	-0.019	3.45	0.035	OK	-0.54
NE+6.80	30	DER15	-0.017	-0.052	0.021	3.35	0.034	OK	0.63
NE+3.45	30	DER15	-0.007	-0.023	-0.021	3.45	0.035	OK	-0.62
NE+6.80	30	DER16	0.014	-0.053	0.021	3.35	0.034	OK	0.62
NE+3.45	30	DER16	0.006	-0.024	0.018	3.45	0.035	OK	0.51

0.769

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	33	DER1	0.049	0.027	0.022	3.35	0.034	OK	0.65
NE+3.45	33	DER1	0.022	0.012	-0.018	3.45	0.035	OK	-0.52
NE+6.80	33	DER2	0.049	-0.013	0.020	3.35	0.034	OK	0.58
NE+3.45	33	DER2	0.022	-0.005	-0.023	3.45	0.035	OK	-0.67
NE+6.80	33	DER3	-0.053	-0.018	0.022	3.35	0.034	OK	0.66
NE+3.45	33	DER3	-0.023	-0.008	-0.023	3.45	0.035	OK	-0.66
NE+6.80	33	DER4	-0.052	0.022	0.023	3.35	0.034	OK	0.68
NE+3.45	33	DER4	-0.023	0.009	-0.034	3.45	0.035	OK	-0.99
NE+6.80	33	DER5	0.014	0.072	0.030	3.35	0.034	OK	0.90
NE+3.45	33	DER5	0.006	0.029	-0.030	3.45	0.035	OK	-0.86
NE+6.80	33	DER6	-0.017	0.070	0.030	3.35	0.034	OK	0.90
NE+3.45	33	DER6	-0.007	0.028	-0.025	3.45	0.035	OK	-0.72
NE+6.80	33	DER7	-0.018	-0.063	0.027	3.35	0.034	OK	0.80
NE+3.45	33	DER7	-0.008	-0.026	-0.025	3.45	0.035	OK	-0.73
NE+6.80	33	DER8	0.013	-0.061	0.026	3.35	0.034	OK	0.78
NE+3.45	33	DER8	0.006	-0.025	-0.021	3.45	0.035	OK	-0.61
NE+6.80	33	DER9	0.049	0.025	0.022	3.35	0.034	OK	0.64
NE+3.45	33	DER9	0.022	0.011	-0.019	3.45	0.035	OK	-0.54
NE+6.80	33	DER10	0.049	-0.015	0.020	3.35	0.034	OK	0.60
NE+3.45	33	DER10	0.022	-0.005	-0.023	3.45	0.035	OK	-0.67
NE+6.80	33	DER11	-0.052	-0.019	0.022	3.35	0.034	OK	0.66
NE+3.45	33	DER11	-0.023	-0.008	-0.022	3.45	0.035	OK	-0.64
NE+6.80	33	DER12	-0.052	0.020	0.022	3.35	0.034	OK	0.66
NE+3.45	33	DER12	-0.023	0.008	-0.033	3.45	0.035	OK	-0.96
NE+6.80	33	DER13	0.014	0.070	0.029	3.35	0.034	OK	0.88
NE+3.45	33	DER13	0.007	0.029	-0.029	3.45	0.035	OK	-0.83
NE+6.80	33	DER14	-0.016	0.069	0.029	3.35	0.034	OK	0.87
NE+3.45	33	DER14	-0.007	0.028	-0.027	3.45	0.035	OK	-0.77
NE+6.80	33	DER15	-0.017	-0.064	0.027	3.35	0.034	OK	0.82
NE+3.45	33	DER15	-0.007	-0.026	-0.026	3.45	0.035	OK	-0.75
NE+6.80	33	DER16	0.013	-0.063	0.027	3.35	0.034	OK	0.80
NE+3.45	33	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.53

0.899

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	34	DER1	0.049	0.028	0.022	3.35	0.034	OK	0.66
NE+3.45	34	DER1	0.022	0.011	-0.018	3.45	0.035	OK	-0.52
NE+6.80	34	DER2	0.049	-0.013	0.020	3.35	0.034	OK	0.58
NE+3.45	34	DER2	0.022	-0.005	-0.023	3.45	0.035	OK	-0.66
NE+6.80	34	DER3	-0.053	-0.017	0.022	3.35	0.034	OK	0.65
NE+3.45	34	DER3	-0.023	-0.007	-0.023	3.45	0.035	OK	-0.67

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	35	DER1	0.049	0.025	0.021	3.35	0.034	OK	0.64
NE+3.45	35	DER1	0.022	0.011	-0.018	3.45	0.035	OK	-0.52
NE+6.80	35	DER2	0.049	-0.012	0.019	3.35	0.034	OK	0.58
NE+3.45	35	DER2	0.022	-0.005	-0.022	3.45	0.035	OK	-0.65
NE+6.80	35	DER3	-0.052	-0.015	0.021	3.35	0.034	OK	0.64
NE+3.45	35	DER3	-0.023	-0.007	-0.023	3.45	0.035	OK	-0.66

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	36	DER1	0.049	0.026	0.022	3.35	0.034	OK	0.65
NE+3.45	36	DER1	0.022	0.010	-0.018	3.45	0.035	OK	-0.53
NE+6.80	36	DER2	0.049	-0.014	0.020	3.35	0.034	OK	0.58
NE+3.45	36	DER2	0.022	-0.006	-0.022	3.45	0.035	OK	-0.65
NE+6.80	36	DER3	-0.052	-0.015	0.021	3.35	0.034	OK	0.64
NE+3.45	36	DER3	-0.023	-0.006	-0.023	3.45	0.035	OK	-0.68

NE+6.80	34	DER4	-0.052	0.024	0.023	3.35	0.034	OK	0.68
NE+3.45	34	DER4	-0.023	0.009	-0.035	3.45	0.035	OK	-1.02
NE+6.80	34	DER5	0.014	0.074	0.032	3.35	0.034	OK	0.94
NE+3.45	34	DER5	0.006	0.029	-0.031	3.45	0.035	OK	-0.90
NE+6.80	34	DER6	-0.016	0.072	0.032	3.35	0.034	OK	0.94
NE+3.45	34	DER6	-0.007	0.028	-0.025	3.45	0.035	OK	-0.74
NE+6.80	34	DER7	-0.018	-0.063	0.028	3.35	0.034	OK	0.82
NE+3.45	34	DER7	-0.008	-0.025	-0.026	3.45	0.035	OK	-0.75
NE+6.80	34	DER8	0.013	-0.062	0.027	3.35	0.034	OK	0.80
NE+3.45	34	DER8	0.006	-0.025	-0.021	3.45	0.035	OK	-0.62
NE+6.80	34	DER9	0.049	0.026	0.022	3.35	0.034	OK	0.65
NE+3.45	34	DER9	0.022	0.010	-0.019	3.45	0.035	OK	-0.55
NE+6.80	34	DER10	0.049	-0.015	0.020	3.35	0.034	OK	0.60
NE+3.45	34	DER10	0.022	-0.006	-0.023	3.45	0.035	OK	-0.66
NE+6.80	34	DER11	-0.052	-0.019	0.022	3.35	0.034	OK	0.65
NE+3.45	34	DER11	-0.023	-0.008	-0.022	3.45	0.035	OK	-0.65
NE+6.80	34	DER12	-0.052	0.022	0.022	3.35	0.034	OK	0.67
NE+3.45	34	DER12	-0.023	0.008	-0.034	3.45	0.035	OK	-0.99
NE+6.80	34	DER13	0.014	0.072	0.031	3.35	0.034	OK	0.92
NE+3.45	34	DER13	0.007	0.028	-0.030	3.45	0.035	OK	-0.88
NE+6.80	34	DER14	-0.016	0.071	0.031	3.35	0.034	OK	0.92
NE+3.45	34	DER14	-0.007	0.028	-0.027	3.45	0.035	OK	-0.79
NE+6.80	34	DER15	-0.017	-0.065	0.028	3.35	0.034	OK	0.85
NE+3.45	34	DER15	-0.007	-0.026	-0.027	3.45	0.035	OK	-0.78
NE+6.80	34	DER16	0.013	-0.064	0.028	3.35	0.034	OK	0.82
NE+3.45	34	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.53

0.945

NE+6.80	35	DER4	-0.052	0.022	0.022	3.35	0.034	OK	0.67
NE+3.45	35	DER4	-0.023	0.009	-0.031	3.45	0.035	OK	-0.89
NE+6.80	35	DER5	0.014	0.067	0.028	3.35	0.034	OK	0.82
NE+3.45	35	DER5	0.006	0.029	-0.027	3.45	0.035	OK	-0.79
NE+6.80	35	DER6	-0.016	0.067	0.028	3.35	0.034	OK	0.82
NE+3.45	35	DER6	-0.007	0.028	-0.022	3.45	0.035	OK	-0.63
NE+6.80	35	DER7	-0.018	-0.058	0.024	3.35	0.034	OK	0.71
NE+3.45	35	DER7	-0.008	-0.025	-0.023	3.45	0.035	OK	-0.65
NE+6.80	35	DER8	0.013	-0.057	0.023	3.35	0.034	OK	0.69
NE+3.45	35	DER8	0.006	-0.024	-0.021	3.45	0.035	OK	-0.60
NE+6.80	35	DER9	0.049	0.023	0.021	3.35	0.034	OK	0.63
NE+3.45	35	DER9	0.022	0.010	-0.019	3.45	0.035	OK	-0.54
NE+6.80	35	DER10	0.049	-0.014	0.020	3.35	0.034	OK	0.59
NE+3.45	35	DER10	0.022	-0.006	-0.022	3.45	0.035	OK	-0.65
NE+6.80	35	DER11	-0.052	-0.017	0.021	3.35	0.034	OK	0.64
NE+3.45	35	DER11	-0.023	-0.008	-0.022	3.45	0.035	OK	-0.64
NE+6.80	35	DER12	-0.052	0.020	0.022	3.35	0.034	OK	0.65
NE+3.45	35	DER12	-0.023	0.008	-0.030	3.45	0.035	OK	-0.87
NE+6.80	35	DER13	0.014	0.065	0.027	3.35	0.034	OK	0.80
NE+3.45	35	DER13	0.007	0.028	-0.027	3.45	0.035	OK	-0.77
NE+6.80	35	DER14	-0.016	0.065	0.027	3.35	0.034	OK	0.80
NE+3.45	35	DER14	-0.007	0.028	-0.023	3.45	0.035	OK	-0.68
NE+6.80	35	DER15	-0.017	-0.059	0.025	3.35	0.034	OK	0.74
NE+3.45	35	DER15	-0.007	-0.026	-0.023	3.45	0.035	OK	-0.68
NE+6.80	35	DER16	0.013	-0.059	0.024	3.35	0.034	OK	0.71
NE+3.45	35	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.52

0.823

NE+6.80	36	DER4	-0.052	0.024	0.023	3.35	0.034	OK	0.68
NE+3.45	36	DER4	-0.023	0.010	-0.034	3.45	0.035	OK	-0.97
NE+6.80	36	DER5	0.014	0.071	0.030	3.35	0.034	OK	0.91
NE+3.45	36	DER5	0.006	0.028	-0.031	3.45	0.035	OK	-0.88
NE+6.80	36	DER6	-0.016	0.071	0.031	3.35	0.034	OK	0.91
NE+3.45	36	DER6	-0.007	0.028	-0.024	3.45	0.035	OK	-0.69
NE+6.80	36	DER7	-0.017	-0.061	0.026	3.35	0.034	OK	0.78
NE+3.45	36	DER7	-0.008	-0.024	-0.025	3.45	0.035	OK	-0.73
NE+6.80	36	DER8	0.013	-0.060	0.026	3.35	0.034	OK	0.77
NE+3.45	36	DER8	0.006	-0.024	-0.021	3.45	0.035	OK	-0.60
NE+6.80	36	DER9	0.049	0.024	0.021	3.35	0.034	OK	0.64
NE+3.45	36	DER9	0.022	0.010	-0.019	3.45	0.035	OK	-0.55
NE+6.80	36	DER10	0.049	-0.016	0.020	3.35	0.034	OK	0.60
NE+3.45	36	DER10	0.022	-0.006	-0.022	3.45	0.035	OK	-0.64
NE+6.80	36	DER11	-0.052	-0.017	0.021	3.35	0.034	OK	0.64
NE+3.45	36	DER11	-0.023	-0.007	-0.023	3.45	0.035	OK	-0.66
NE+6.80	36	DER12	-0.052	0.022	0.022	3.35	0.034	OK	0.66
NE+3.45	36	DER12	-0.023	0.009	-0.032	3.45	0.035	OK	-0.94
NE+6.80	36	DER13	0.014	0.069	0.030	3.35	0.034	OK	0.88
NE+3.45	36	DER13	0.007	0.028	-0.030	3.45	0.035	OK	-0.86
NE+6.80	36	DER14	-0.016	0.069	0.030	3.35	0.034	OK	0.89
NE+3.45	36	DER14	-0.007	0.027	-0.026	3.45	0.035	OK	-0.74
NE+6.80	36	DER15	-0.017	-0.063	0.027	3.35	0.034	OK	0.81
NE+3.45	36	DER15	-0.007	-0.025	-0.026	3.45	0.035	OK	-0.76
NE+6.80	36	DER16	0.013	-0.062	0.027	3.35	0.034	OK	0.79
NE+3.45	36	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.52

0.912

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	37	DER1	0.049	0.023	0.021	3.35	0.034	OK	0.63
NE+3.45	37	DER1	0.022	0.010	-0.018	3.45	0.035	OK	-0.53
NE+6.80	37	DER2	0.049	-0.013	0.019	3.35	0.034	OK	0.58
NE+3.45	37	DER2	0.022	-0.006	-0.022	3.45	0.035	OK	-0.63
NE+6.80	37	DER3	-0.052	-0.013	0.021	3.35	0.034	OK	0.63
NE+3.45	37	DER3	-0.023	-0.006	-0.023	3.45	0.035	OK	-0.67
NE+6.80	37	DER4	-0.052	0.023	0.022	3.35	0.034	OK	0.67
NE+3.45	37	DER4	-0.023	0.010	-0.030	3.45	0.035	OK	-0.86
NE+6.80	37	DER5	0.014	0.066	0.027	3.35	0.034	OK	0.81
NE+3.45	37	DER5	0.006	0.028	-0.027	3.45	0.035	OK	-0.79
NE+6.80	37	DER6	-0.016	0.066	0.027	3.35	0.034	OK	0.81
NE+3.45	37	DER6	-0.007	0.028	-0.021	3.45	0.035	OK	-0.60
NE+6.80	37	DER7	-0.017	-0.056	0.023	3.35	0.034	OK	0.70
NE+3.45	37	DER7	-0.008	-0.024	-0.023	3.45	0.035	OK	-0.65
NE+6.80	37	DER8	0.013	-0.056	0.023	3.35	0.034	OK	0.68
NE+3.45	37	DER8	0.006	-0.024	-0.020	3.45	0.035	OK	-0.59
NE+6.80	37	DER9	0.049	0.021	0.021	3.35	0.034	OK	0.62
NE+3.45	37	DER9	0.022	0.009	-0.019	3.45	0.035	OK	-0.55
NE+6.80	37	DER10	0.049	-0.015	0.020	3.35	0.034	OK	0.59
NE+3.45	37	DER10	0.022	-0.007	-0.022	3.45	0.035	OK	-0.63
NE+6.80	37	DER11	-0.052	-0.015	0.021	3.35	0.034	OK	0.63
NE+3.45	37	DER11	-0.023	-0.007	-0.022	3.45	0.035	OK	-0.65
NE+6.80	37	DER12	-0.052	0.021	0.022	3.35	0.034	OK	0.65
NE+3.45	37	DER12	-0.023	0.009	-0.029	3.45	0.035	OK	-0.83
NE+6.80	37	DER13	0.014	0.064	0.026	3.35	0.034	OK	0.79
NE+3.45	37	DER13	0.007	0.027	-0.027	3.45	0.035	OK	-0.77
NE+6.80	37	DER14	-0.016	0.064	0.027	3.35	0.034	OK	0.79
NE+3.45	37	DER14	-0.007	0.027	-0.022	3.45	0.035	OK	-0.65
NE+6.80	37	DER15	-0.017	-0.058	0.024	3.35	0.034	OK	0.72
NE+3.45	37	DER15	-0.007	-0.025	-0.023	3.45	0.035	OK	-0.68
NE+6.80	37	DER16	0.013	-0.058	0.024	3.35	0.034	OK	0.70
NE+3.45	37	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.52

0.812

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	38	DER1	0.049	0.024	0.021	3.35	0.034	OK	0.64
NE+3.45	38	DER1	0.022	0.009	-0.019	3.45	0.035	OK	-0.54
NE+6.80	38	DER2	0.049	-0.015	0.020	3.35	0.034	OK	0.58
NE+3.45	38	DER2	0.022	-0.006	-0.022	3.45	0.035	OK	-0.63
NE+6.80	38	DER3	-0.052	-0.013	0.021	3.35	0.034	OK	0.63
NE+3.45	38	DER3	-0.023	-0.005	-0.024	3.45	0.035	OK	-0.69
NE+6.80	38	DER4	-0.052	0.026	0.023	3.35	0.034	OK	0.68
NE+3.45	38	DER4	-0.023	0.010	-0.033	3.45	0.035	OK	-0.94
NE+6.80	38	DER5	0.014	0.070	0.030	3.35	0.034	OK	0.90
NE+3.45	38	DER5	0.006	0.028	-0.031	3.45	0.035	OK	-0.89
NE+6.80	38	DER6	-0.016	0.071	0.030	3.35	0.034	OK	0.91
NE+3.45	38	DER6	-0.007	0.028	-0.023	3.45	0.035	OK	-0.67
NE+6.80	38	DER7	-0.017	-0.059	0.026	3.35	0.034	OK	0.77
NE+3.45	38	DER7	-0.008	-0.024	-0.025	3.45	0.035	OK	-0.73
NE+6.80	38	DER8	0.013	-0.060	0.025	3.35	0.034	OK	0.76
NE+3.45	38	DER8	0.006	-0.024	-0.021	3.45	0.035	OK	-0.60
NE+6.80	38	DER9	0.049	0.022	0.021	3.35	0.034	OK	0.63
NE+3.45	38	DER9	0.022	0.009	-0.020	3.45	0.035	OK	-0.57
NE+6.80	38	DER10	0.049	-0.017	0.020	3.35	0.034	OK	0.60
NE+3.45	38	DER10	0.022	-0.007	-0.022	3.45	0.035	OK	-0.63
NE+6.80	38	DER11	-0.052	-0.015	0.021	3.35	0.034	OK	0.63
NE+3.45	38	DER11	-0.023	-0.006	-0.023	3.45	0.035	OK	-0.67
NE+6.80	38	DER12	-0.052	0.024	0.022	3.35	0.034	OK	0.67
NE+3.45	38	DER12	-0.023	0.009	-0.031	3.45	0.035	OK	-0.91
NE+6.80	38	DER13	0.014	0.068	0.029	3.35	0.034	OK	0.87
NE+3.45	38	DER13	0.007	0.027	-0.030	3.45	0.035	OK	-0.86
NE+6.80	38	DER14	-0.016	0.068	0.029	3.35	0.034	OK	0.88
NE+3.45	38	DER14	-0.007	0.027	-0.025	3.45	0.035	OK	-0.72
NE+6.80	38	DER15	-0.017	-0.061	0.027	3.35	0.034	OK	0.79
NE+3.45	38	DER15	-0.007	-0.025	-0.026	3.45	0.035	OK	-0.76
NE+6.80	38	DER16	0.013	-0.062	0.026	3.35	0.034	OK	0.78
NE+3.45	38	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.52

0.907

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	39	DER1	0.049	0.022	0.021	3.35	0.034	OK	0.62
NE+3.45	39	DER1	0.022	0.009	-0.019	3.45	0.035	OK	-0.55
NE+6.80	39	DER2	0.049	-0.014	0.019	3.35	0.034	OK	0.58
NE+3.45	39	DER2	0.022	-0.006	-0.021	3.45	0.035	OK	-0.62
NE+6.80	39	DER3	-0.052	-0.012	0.021	3.35	0.034	OK	0.63
NE+3.45	39	DER3	-0.023	-0.005	-0.024	3.45	0.035	OK	-0.68
NE+6.80	39	DER4	-0.052	0.024	0.022	3.35	0.034	OK	0.67
NE+3.45	39	DER4	-0.023	0.011	-0.029	3.45	0.035	OK	-0.83
NE+6.80	39	DER5	0.014	0.065	0.027	3.35	0.034	OK	0.79
NE+3.45	39	DER5	0.006	0.028	-0.027	3.45	0.035	OK	-0.80
NE+6.80	39	DER6	-0.016	0.066	0.027	3.35	0.034	OK	0.81
NE+3.45	39	DER6	-0.007	0.028	-0.020	3.45	0.035	OK	-0.58
NE+6.80	39	DER7	-0.017	-0.055	0.023	3.35	0.034	OK	0.68
NE+3.45	39	DER7	-0.008	-0.023	-0.023	3.45	0.035	OK	-0.65
NE+6.80	39	DER8	0.013	-0.055	0.023	3.35	0.034	OK	0.67
NE+3.45	39	DER8	0.006	-0.024	-0.020	3.45	0.035	OK	-0.58
NE+6.80	39	DER9	0.049	0.020	0.021	3.35	0.034	OK	0.62
NE+3.45	39	DER9	0.022	0.008	-0.020	3.45	0.035	OK	-0.57
NE+6.80	39	DER10	0.049	-0.016	0.020	3.35	0.034	OK	0.59
NE+3.45	39	DER10	0.022	-0.007	-0.021	3.45	0.035	OK	-0.62
NE+6.80	39	DER11	-0.052	-0.014	0.021	3.35	0.034	OK	0.63
NE+3.45	39	DER11	-0.023	-0.006	-0.023	3.45	0.035	OK	-0.66
NE+6.80	39	DER12	-0.051	0.023	0.022	3.35	0.034	OK	0.65
NE+3.45	39	DER12	-0.023	0.010	-0.028	3.45	0.035	OK	-0.80
NE+6.80	39	DER13	0.015	0.063	0.026	3.35	0.034	OK	0.77
NE+3.45	39	DER13	0.007	0.027	-0.027	3.45	0.035	OK	-0.77
NE+6.80	39	DER14	-0.016	0.064	0.026	3.35	0.034	OK	0.78
NE+3.45	39	DER14	-0.007	0.027	-0.022	3.45	0.035	OK	-0.63
NE+6.80	39	DER15	-0.017	-0.056	0.024	3.35	0.034	OK	0.70
NE+3.45	39	DER15	-0.007	-0.024	-0.023	3.45	0.035	OK	-0.68
NE+6.80	39	DER16	0.013	-0.057	0.023	3.35	0.034	OK	0.70
NE+3.45	39	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.51

0.808

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	40	DER1	0.049	0.023	0.021	3.35	0.034	OK	0.63
NE+3.45	40	DER1	0.022	0.009	-0.019	3.45	0.035	OK	-0.55
NE+6.80	40	DER2	0.049	-0.015	0.020	3.35	0.034	OK	0.59
NE+3.45	40	DER2	0.022	-0.007	-0.021	3.45	0.035	OK	-0.62
NE+6.80	40	DER3	-0.052	-0.011	0.021	3.35	0.034	OK	0.63
NE+3.45	40	DER3	-0.023	-0.005	-0.024	3.45	0.035	OK	-0.71
NE+6.80	40	DER4	-0.052	0.027	0.023	3.35	0.034	OK	0.69
NE+3.45	40	DER4	-0.023	0.011	-0.031	3.45	0.035	OK	-0.90
NE+6.80	40	DER5	0.014	0.068	0.029	3.35	0.034	OK	0.87
NE+3.45	40	DER5	0.006	0.027	-0.030	3.45	0.035	OK	-0.88
NE+6.80	40	DER6	-0.016	0.069	0.030	3.35	0.034	OK	0.89
NE+3.45	40	DER6	-0.007	0.028	-0.022	3.45	0.035	OK	-0.63
NE+6.80	40	DER7	-0.017	-0.057	0.025	3.35	0.034	OK	0.74
NE+3.45	40	DER7	-0.008	-0.023	-0.025	3.45	0.035	OK	-0.72
NE+6.80	40	DER8	0.013	-0.058	0.025	3.35	0.034	OK	0.73
NE+3.45	40	DER8	0.006	-0.024	-0.020	3.45	0.035	OK	-0.59
NE+6.80	40	DER9	0.049	0.021	0.021	3.35	0.034	OK	0.63
NE+3.45	40	DER9	0.022	0.008	-0.020	3.45	0.035	OK	-0.58
NE+6.80	40	DER10	0.049	-0.017	0.020	3.35	0.034	OK	0.60
NE+3.45	40	DER10	0.022	-0.007	-0.021	3.45	0.035	OK	-0.61
NE+6.80	40	DER11	-0.052	-0.013	0.021	3.35	0.034	OK	0.63
NE+3.45	40	DER11	-0.023	-0.005	-0.024	3.45	0.035	OK	-0.68
NE+6.80	40	DER12	-0.052	0.025	0.022	3.35	0.034	OK	0.67
NE+3.45	40	DER12	-0.023	0.010	-0.030	3.45	0.035	OK	-0.87
NE+6.80	40	DER13	0.015	0.066	0.028	3.35	0.034	OK	0.85
NE+3.45	40	DER13	0.007	0.026	-0.029	3.45	0.035	OK	-0.85
NE+6.80	40	DER14	-0.016	0.067	0.029	3.35	0.034	OK	0.86
NE+3.45	40	DER14	-0.007	0.027	-0.023	3.45	0.035	OK	-0.68
NE+6.80	40	DER15	-0.017	-0.059	0.025	3.35	0.034	OK	0.76
NE+3.45	40	DER15	-0.007	-0.024	-0.026	3.45	0.035	OK	-0.74
NE+6.80	40	DER16	0.013	-0.060	0.025	3.35	0.034	OK	0.76
NE+3.45	40	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.51

0.889

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	41	DER1	0.049	0.020	0.021	3.35	0.034	OK	0.62
NE+3.45	41	DER1	0.022	0.008	-0.019	3.45	0.035	OK	-0.55
NE+6.80	41	DER2	0.049	-0.014	0.019	3.35	0.034	OK	0.58
NE+3.45	41	DER2	0.022	-0.007	-0.021	3.45	0.035	OK	-0.61
NE+6.80	41	DER3	-0.052	-0.009	0.021	3.35	0.034	OK	0.62
NE+3.45	41	DER3	-0.023	-0.004	-0.024	3.45	0.035	OK	-0.70
NE+6.80	41	DER4	-0.052	0.025	0.023	3.35	0.034	OK	0.67
NE+3.45	41	DER4	-0.023	0.011	-0.027	3.45	0.035	OK	-0.77
NE+6.80	41	DER5	0.014	0.062	0.025	3.35	0.034	OK	0.75
NE+3.45	41	DER5	0.006	0.027	-0.026	3.45	0.035	OK	-0.76
NE+6.80	41	DER6	-0.016	0.063	0.026	3.35	0.034	OK	0.77
NE+3.45	41	DER6	-0.007	0.028	-0.017	3.45	0.035	OK	-0.49
NE+6.80	41	DER7	-0.017	-0.050	0.020	3.35	0.034	OK	0.61
NE+3.45	41	DER7	-0.008	-0.023	-0.020	3.45	0.035	OK	-0.59
NE+6.80	41	DER8	0.013	-0.052	0.020	3.35	0.034	OK	0.60
NE+3.45	41	DER8	0.006	-0.024	-0.020	3.45	0.035	OK	-0.58
NE+6.80	41	DER9	0.049	0.019	0.021	3.35	0.034	OK	0.62
NE+3.45	41	DER9	0.022	0.007	-0.020	3.45	0.035	OK	-0.57
NE+6.80	41	DER10	0.049	-0.015	0.020	3.35	0.034	OK	0.59
NE+3.45	41	DER10	0.022	-0.008	-0.021	3.45	0.035	OK	-0.60
NE+6.80	41	DER11	-0.052	-0.010	0.021	3.35	0.034	OK	0.62
NE+3.45	41	DER11	-0.023	-0.005	-0.023	3.45	0.035	OK	-0.67
NE+6.80	41	DER12	-0.052	0.024	0.022	3.35	0.034	OK	0.66
NE+3.45	41	DER12	-0.023	0.010	-0.026	3.45	0.035	OK	-0.74
NE+6.80	41	DER13	0.015	0.060	0.024	3.35	0.034	OK	0.73
NE+3.45	41	DER13	0.007	0.026	-0.026	3.45	0.035	OK	-0.74
NE+6.80	41	DER14	-0.016	0.061	0.025	3.35	0.034	OK	0.74
NE+3.45	41	DER14	-0.007	0.027	-0.019	3.45	0.035	OK	-0.54
NE+6.80	41	DER15	-0.017	-0.052	0.021	3.35	0.034	OK	0.63
NE+3.45	41	DER15	-0.007	-0.023	-0.021	3.45	0.035	OK	-0.62
NE+6.80	41	DER16	0.013	-0.053	0.021	3.35	0.034	OK	0.62
NE+3.45	41	DER16	0.006	-0.024	0.018	3.45	0.035	OK	0.51

0.765

2.3.1 DESPLAZAMIENTOS NUDOS

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+6.80	12	DER1	0.0473	0.0268	-0.0002	-0.0030	0.0057	0.0001
NE+6.80	12	DER2	0.0477	-0.0130	-0.0003	0.0034	0.0056	0.0005
NE+6.80	12	DER3	-0.0510	-0.0178	-0.0005	0.0040	-0.0088	0.0000
NE+6.80	12	DER4	-0.0513	0.0220	-0.0004	-0.0024	-0.0088	-0.0003
NE+6.80	12	DER5	0.0124	0.0716	-0.0001	-0.0102	0.0006	-0.0004
NE+6.80	12	DER6	-0.0172	0.0701	-0.0002	-0.0100	-0.0037	-0.0006
NE+6.80	12	DER7	-0.0160	-0.0626	-0.0006	0.0113	-0.0038	0.0005
NE+6.80	12	DER8	0.0136	-0.0612	-0.0005	0.0111	0.0006	0.0007
NE+6.80	12	DER9	0.0477	0.0251	-0.0001	-0.0027	0.0057	0.0001
NE+6.80	12	DER10	0.0480	-0.0147	-0.0002	0.0037	0.0057	0.0005
NE+6.80	12	DER11	-0.0506	-0.0195	-0.0005	0.0043	-0.0088	0.0000
NE+6.80	12	DER12	-0.0510	0.0203	-0.0004	-0.0021	-0.0087	-0.0004
NE+6.80	12	DER13	0.0127	0.0699	-0.0001	-0.0100	0.0007	-0.0004
NE+6.80	12	DER14	-0.0169	0.0684	-0.0002	-0.0098	-0.0036	-0.0006
NE+6.80	12	DER15	-0.0156	-0.0643	-0.0005	0.0115	-0.0037	0.0005
NE+6.80	12	DER16	0.0139	-0.0629	-0.0004	0.0113	0.0006	0.0007
NE+6.80	13	DER1	0.0472	0.0274	-0.0003	-0.0033	0.0063	0.0002
NE+6.80	13	DER2	0.0476	-0.0133	-0.0003	0.0038	0.0064	0.0004
NE+6.80	13	DER3	-0.0508	-0.0171	-0.0003	0.0041	-0.0069	-0.0001
NE+6.80	13	DER4	-0.0511	0.0236	-0.0003	-0.0030	-0.0069	-0.0003
NE+6.80	13	DER5	0.0123	0.0735	-0.0002	-0.0115	0.0016	-0.0002
NE+6.80	13	DER6	-0.0172	0.0724	-0.0002	-0.0114	-0.0024	-0.0004
NE+6.80	13	DER7	-0.0159	-0.0633	-0.0004	0.0123	-0.0022	0.0003
NE+6.80	13	DER8	0.0136	-0.0621	-0.0004	0.0122	0.0018	0.0005
NE+6.80	13	DER9	0.0476	0.0254	-0.0002	-0.0030	0.0064	0.0002
NE+6.80	13	DER10	0.0479	-0.0153	-0.0003	0.0041	0.0064	0.0004
NE+6.80	13	DER11	-0.0504	-0.0191	-0.0003	0.0044	-0.0068	-0.0001
NE+6.80	13	DER12	-0.0508	0.0216	-0.0002	-0.0027	-0.0069	-0.0003
NE+6.80	13	DER13	0.0127	0.0715	-0.0002	-0.0111	0.0017	-0.0002
NE+6.80	13	DER14	-0.0168	0.0704	-0.0002	-0.0111	-0.0023	-0.0004
NE+6.80	13	DER15	-0.0155	-0.0652	-0.0003	0.0126	-0.0021	0.0003
NE+6.80	13	DER16	0.0140	-0.0641	-0.0003	0.0125	0.0019	0.0005
NE+6.80	14	DER1	0.0471	0.0246	-0.0002	-0.0024	0.0062	0.0002
NE+6.80	14	DER2	0.0475	-0.0126	-0.0003	0.0034	0.0063	0.0004
NE+6.80	14	DER3	-0.0506	-0.0151	-0.0003	0.0036	-0.0069	-0.0002
NE+6.80	14	DER4	-0.0510	0.0221	-0.0002	-0.0022	-0.0070	-0.0003
NE+6.80	14	DER5	0.0123	0.0672	-0.0001	-0.0091	0.0015	-0.0001
NE+6.80	14	DER6	-0.0171	0.0664	-0.0001	-0.0090	-0.0024	-0.0003
NE+6.80	14	DER7	-0.0158	-0.0576	-0.0004	0.0103	-0.0022	0.0002
NE+6.80	14	DER8	0.0136	-0.0569	-0.0004	0.0102	0.0018	0.0004
NE+6.80	14	DER9	0.0475	0.0228	-0.0002	-0.0021	0.0063	0.0002
NE+6.80	14	DER10	0.0479	-0.0144	-0.0003	0.0037	0.0064	0.0004
NE+6.80	14	DER11	-0.0503	-0.0169	-0.0003	0.0039	-0.0069	-0.0002
NE+6.80	14	DER12	-0.0506	0.0203	-0.0002	-0.0019	-0.0069	-0.0003
NE+6.80	14	DER13	0.0127	0.0653	-0.0001	-0.0088	0.0016	-0.0001
NE+6.80	14	DER14	-0.0167	0.0646	-0.0001	-0.0087	-0.0024	-0.0003
NE+6.80	14	DER15	-0.0155	-0.0595	-0.0004	0.0106	-0.0022	0.0002
NE+6.80	14	DER16	0.0140	-0.0587	-0.0004	0.0105	0.0018	0.0004
NE+6.80	15	DER1	0.0471	0.0256	-0.0003	-0.0031	0.0062	0.0003
NE+6.80	15	DER2	0.0475	-0.0138	-0.0003	0.0037	0.0063	0.0004
NE+6.80	15	DER3	-0.0505	-0.0151	-0.0003	0.0038	-0.0069	-0.0002
NE+6.80	15	DER4	-0.0509	0.0244	-0.0003	-0.0029	-0.0069	-0.0003
NE+6.80	15	DER5	0.0123	0.0712	-0.0003	-0.0109	0.0015	-0.0001
NE+6.80	15	DER6	-0.0171	0.0708	-0.0003	-0.0109	-0.0024	-0.0002
NE+6.80	15	DER7	-0.0158	-0.0607	-0.0004	0.0116	-0.0022	0.0001
NE+6.80	15	DER8	0.0136	-0.0603	-0.0004	0.0116	0.0017	0.0003
NE+6.80	15	DER9	0.0474	0.0236	-0.0002	-0.0027	0.0062	0.0003
NE+6.80	15	DER10	0.0478	-0.0158	-0.0003	0.0040	0.0063	0.0004
NE+6.80	15	DER11	-0.0502	-0.0171	-0.0003	0.0042	-0.0068	-0.0002
NE+6.80	15	DER12	-0.0505	0.0223	-0.0003	-0.0026	-0.0069	-0.0003
NE+6.80	15	DER13	0.0127	0.0692	-0.0002	-0.0105	0.0016	-0.0001
NE+6.80	15	DER14	-0.0167	0.0688	-0.0002	-0.0105	-0.0024	-0.0003
NE+6.80	15	DER15	-0.0154	-0.0627	-0.0003	0.0120	-0.0021	0.0001
NE+6.80	15	DER16	0.0140	-0.0623	-0.0003	0.0120	0.0018	0.0003
NE+6.80	16	DER1	0.0470	0.0231	-0.0002	-0.0022	0.0062	0.0003
NE+6.80	16	DER2	0.0474	-0.0134	-0.0003	0.0034	0.0063	0.0004
NE+6.80	16	DER3	-0.0504	-0.0134	-0.0003	0.0034	-0.0069	-0.0002
NE+6.80	16	DER4	-0.0508	0.0231	-0.0002	-0.0022	-0.0069	-0.0003
NE+6.80	16	DER5	0.0123	0.0658	-0.0001	-0.0089	0.0015	-0.0001
NE+6.80	16	DER6	-0.0170	0.0658	-0.0001	-0.0089	-0.0024	-0.0002
NE+6.80	16	DER7	-0.0157	-0.0561	-0.0004	0.0101	-0.0022	0.0001
NE+6.80	16	DER8	0.0136	-0.0561	-0.0004	0.0100	0.0018	0.0003
NE+6.80	16	DER9	0.0474	0.0213	-0.0002	-0.0020	0.0063	0.0003
NE+6.80	16	DER10	0.0478	-0.0153	-0.0003	0.0037	0.0063	0.0004
NE+6.80	16	DER11	-0.0501	-0.0153	-0.0003	0.0037	-0.0068	-0.0002
NE+6.80	16	DER12	-0.0505	0.0213	-0.0002	-0.0020	-0.0069	-0.0003
NE+6.80	16	DER13	0.0127	0.0640	-0.0001	-0.0086	0.0016	-0.0001
NE+6.80	16	DER14	-0.0167	0.0640	-0.0001	-0.0086	-0.0023	-0.0002
NE+6.80	16	DER15	-0.0154	-0.0579	-0.0004	0.0103	-0.0021	0.0001
NE+6.80	16	DER16	0.0140	-0.0579	-0.0004	0.0103	0.0018	0.0003
NE+6.80	17	DER1	0.0470	0.0241	-0.0003	-0.0029	0.0062	0.0003
NE+6.80	17	DER2	0.0474	-0.0148	-0.0003	0.0038	0.0062	0.0004
NE+6.80	17	DER3	-0.0504	-0.0134	-0.0003	0.0036	-0.0068	-0.0002
NE+6.80	17	DER4	-0.0508	0.0255	-0.0003	-0.0030	-0.0069	-0.0003
NE+6.80	17	DER5	0.0123	0.0700	-0.0003	-0.0107	0.0015	-0.0001
NE+6.80	17	DER6	-0.0170	0.0704	-0.0003	-0.0108	-0.0024	-0.0002
NE+6.80	17	DER7	-0.0157	-0.0593	-0.0004	0.0115	-0.0022	0.0001
NE+6.80	17	DER8	0.0136	-0.0597	-0.0004	0.0115	0.0017	0.0003
NE+6.80	17	DER9	0.0474	0.0221	-0.0002	-0.0026	0.0062	0.0003
NE+6.80	17	DER10	0.0478	-0.0168	-0.0003	0.0041	0.0063	0.0004
NE+6.80	17	DER11	-0.0500	-0.0155	-0.0003	0.0040	-0.0068	-0.0002
NE+6.80	17	DER12	-0.0504	0.0235	-0.0003	-0.0027	-0.0068	-0.0003
NE+6.80	17	DER13	0.0127	0.0680	-0.0002	-0.0104	0.0016	-0.0001
NE+6.80	17	DER14	-0.0167	0.0684	-0.0002	-0.0104	-0.0023	-0.0002
NE+6.80	17	DER15	-0.0154	-0.0613	-0.0003	0.0118	-0.0021	0.0001
NE+6.80	17	DER16	0.0140	-0.0617	-0.0003	0.0119	0.0018	0.0003
NE+6.80	18	DER1	0.0470	0.0217	-0.0002	-0.0021	0.0062	0.0003
NE+6.80	18	DER2	0.0474	-0.0143	-0.0003	0.0035	0.0063	0.0004
NE+6.80	18	DER3	-0.0504	-0.0118	-0.0003	0.0033	-0.0068	-0.0002
NE+6.80	18	DER4	-0.0508	0.0242	-0.0002	-0.0023	-0.0069	-0.0003
NE+6.80	18	DER5	0.0123	0.0646	-0.0001	-0.0087	0.0015	-0.0001
NE+6.80	18	DER6	-0.0170	0.0653	-0.0001	-0.0088	-0.0024	-0.0003
NE+6.80	18	DER7	-0.0157	-0.0547	-0.0004	0.0099	-0.0022	0.0002
NE+6.80	18	DER8	0.0136	-0.0554	-0.0004	0.0099	0.0018	0.0004
NE+6.80	18	DER9	0.0474	0.0199	-0.0002	-0.0018	0.0063	0.0003
NE+6.80	18	DER10	0.0477	-0.0161	-0.0003	0.0038	0.0063	0.0004
NE+6.80	18	DER11	-0.0500	-0.0136	-0.0003	0.0036	-0.0068	-0.0002
NE+6.80	18	DER12	-0.0504	0.0224	-0.0002	-0.0020	-0.0068	-0.0003
NE+6.80	18	DER13	0.0127	0.0627	-0.0001	-0.0084	0.0016	-0.0001
NE+6.80	18	DER14	-0.0166	0.0635	-0.0001	-0.0085	-0.0023	-0.0003
NE+6.80	18	DER15	-0.0154	-0.0565	-0.0004	0.0102	-0.0021	0.0002
NE+6.80	18	DER16	0.0140	-0.0573	-0.0004	0.0102	0.0018	0.0003

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+6.80	34	DER9	0.0494	0.0255	-0.0003	-0.0054	0.0066	-0.0007
NE+6.80	34	DER10	0.0490	-0.0152	-0.0003	0.0017	0.0065	-0.0005
NE+6.80	34	DER11	-0.0521	-0.0191	-0.0003	0.0022	-0.0070	0.0006
NE+6.80	34	DER12	-0.0518	0.0216	-0.0003	-0.0049	-0.0070	0.0004
NE+6.80	34	DER13	0.0143	0.0716	-0.0004	-0.0135	0.0019	-0.0005
NE+6.80	34	DER14	-0.0160	0.0705	-0.0004	-0.0133	-0.0022	-0.0002
NE+6.80	34	DER15	-0.0171	-0.0652	-0.0003	0.0103	-0.0023	0.0005
NE+6.80	34	DER16	0.0132	-0.0640	-0.0003	0.0102	0.0017	0.0001
NE+6.80	35	DER1	0.0489	0.0248	-0.0004	-0.0047	0.0065	-0.0007
NE+6.80	35	DER2	0.0486	-0.0124	-0.0003	0.0010	0.0064	-0.0005
NE+6.80	35	DER3	-0.0524	-0.0149	-0.0003	0.0013	-0.0071	0.0006
NE+6.80	35	DER4	-0.0521	0.0223	-0.0004	-0.0045	-0.0071	0.0005
NE+6.80	35	DER5	0.0140	0.0673	-0.0006	-0.0114	0.0018	-0.0004
NE+6.80	35	DER6	-0.0163	0.0665	-0.0005	-0.0113	-0.0023	-0.0001
NE+6.80	35	DER7	-0.0175	-0.0575	-0.0002	0.0079	-0.0025	0.0004
NE+6.80	35	DER8	0.0128	-0.0567	-0.0002	0.0078	0.0016	0.0000
NE+6.80	35	DER9	0.0493	0.0229	-0.0004	-0.0046	0.0066	-0.0007
NE+6.80	35	DER10	0.0490	-0.0143	-0.0003	0.0012	0.0065	-0.0005
NE+6.80	35	DER11	-0.0520	-0.0168	-0.0002	0.0014	-0.0071	0.0006
NE+6.80	35	DER12	-0.0517	0.0204	-0.0003	-0.0043	-0.0070	0.0005
NE+6.80	35	DER13	0.0144	0.0654	-0.0005	-0.0112	0.0019	-0.0004
NE+6.80	35	DER14	-0.0159	0.0647	-0.0005	-0.0111	-0.0022	-0.0001
NE+6.80	35	DER15	-0.0171	-0.0593	-0.0001	0.0081	-0.0024	0.0004
NE+6.80	35	DER16	0.0132	-0.0586	-0.0001	0.0080	0.0017	0.0000
NE+6.80	36	DER1	0.0489	0.0257	-0.0004	-0.0053	0.0065	-0.0006
NE+6.80	36	DER2	0.0486	-0.0138	-0.0004	0.0015	0.0064	-0.0005
NE+6.80	36	DER3	-0.0523	-0.0150	-0.0004	0.0016	-0.0071	0.0006
NE+6.80	36	DER4	-0.0519	0.0244	-0.0004	-0.0051	-0.0070	0.0005
NE+6.80	36	DER5	0.0140	0.0713	-0.0005	-0.0131	0.0018	-0.0004
NE+6.80	36	DER6	-0.0162	0.0709	-0.0005	-0.0130	-0.0022	0.0000
NE+6.80	36	DER7	-0.0174	-0.0606	-0.0004	0.0095	-0.0024	0.0003
NE+6.80	36	DER8	0.0128	-0.0602	-0.0004	0.0094	0.0016	0.0000
NE+6.80	36	DER9	0.0493	0.0237	-0.0003	-0.0051	0.0065	-0.0006
NE+6.80	36	DER10	0.0489	-0.0158	-0.0003	0.0017	0.0065	-0.0005
NE+6.80	36	DER11	-0.0519	-0.0170	-0.0003	0.0018	-0.0070	0.0006
NE+6.80	36	DER12	-0.0516	0.0224	-0.0004	-0.0049	-0.0070	0.0005
NE+6.80	36	DER13	0.0144	0.0692	-0.0004	-0.0129	0.0019	-0.0004
NE+6.80	36	DER14	-0.0159	0.0689	-0.0004	-0.0128	-0.0022	0.0000
NE+6.80	36	DER15	-0.0170	-0.0626	-0.0003	0.0097	-0.0024	0.0003
NE+6.80	36	DER16	0.0132	-0.0622	-0.0003	0.0096	0.0017	0.0000
NE+6.80	37	DER1	0.0489	0.0233	-0.0004	-0.0046	0.0065	-0.0007
NE+6.80	37	DER2	0.0485	-0.0133	-0.0003	0.0011	0.0064	-0.0006
NE+6.80	37	DER3	-0.0522	-0.0133	-0.0003	0.0011	-0.0071	0.0006
NE+6.80	37	DER4	-0.0519	0.0233	-0.0004	-0.0046	-0.0070	0.0005
NE+6.80	37	DER5	0.0140	0.0659	-0.0006	-0.0111	0.0018	-0.0004
NE+6.80	37	DER6	-0.0162	0.0659	-0.0005	-0.0111	-0.0022	0.0000
NE+6.80	37	DER7	-0.0174	-0.0560	-0.0002	0.0077	-0.0024	0.0003
NE+6.80	37	DER8	0.0129	-0.0560	-0.0002	0.0077	0.0016	0.0000
NE+6.80	37	DER9	0.0493	0.0214	-0.0004	-0.0044	0.0065	-0.0007
NE+6.80	37	DER10	0.0489	-0.0152	-0.0003	0.0012	0.0065	-0.0006
NE+6.80	37	DER11	-0.0519	-0.0152	-0.0002	0.0013	-0.0070	0.0006
NE+6.80	37	DER12	-0.0515	0.0214	-0.0003	-0.0044	-0.0070	0.0005
NE+6.80	37	DER13	0.0144	0.0641	-0.0005	-0.0110	0.0019	-0.0004
NE+6.80	37	DER14	-0.0158	0.0641	-0.0005	-0.0110	-0.0022	0.0000
NE+6.80	37	DER15	-0.0170	-0.0578	-0.0001	0.0078	-0.0024	0.0003
NE+6.80	37	DER16	0.0132	-0.0578	-0.0001	0.0078	0.0017	0.0000
NE+6.80	38	DER1	0.0489	0.0242	-0.0004	-0.0051	0.0065	-0.0007
NE+6.80	38	DER2	0.0485	-0.0147	-0.0004	0.0016	0.0064	-0.0006
NE+6.80	38	DER3	-0.0522	-0.0134	-0.0004	0.0015	-0.0070	0.0006
NE+6.80	38	DER4	-0.0518	0.0255	-0.0004	-0.0052	-0.0070	0.0005
NE+6.80	38	DER5	0.0141	0.0701	-0.0005	-0.0129	0.0018	-0.0004
NE+6.80	38	DER6	-0.0161	0.0705	-0.0005	-0.0130	-0.0022	0.0000
NE+6.80	38	DER7	-0.0174	-0.0592	-0.0004	0.0093	-0.0024	0.0003
NE+6.80	38	DER8	0.0129	-0.0596	-0.0004	0.0093	0.0016	0.0000
NE+6.80	38	DER9	0.0493	0.0222	-0.0003	-0.0049	0.0065	-0.0006
NE+6.80	38	DER10	0.0489	-0.0167	-0.0003	0.0018	0.0065	-0.0005
NE+6.80	38	DER11	-0.0518	-0.0154	-0.0003	0.0017	-0.0070	0.0006
NE+6.80	38	DER12	-0.0515	0.0235	-0.0004	-0.0050	-0.0069	0.0005
NE+6.80	38	DER13	0.0144	0.0680	-0.0004	-0.0127	0.0019	-0.0003
NE+6.80	38	DER14	-0.0158	0.0684	-0.0004	-0.0128	-0.0021	0.0000
NE+6.80	38	DER15	-0.0170	-0.0612	-0.0003	0.0095	-0.0024	0.0003
NE+6.80	38	DER16	0.0132	-0.0616	-0.0003	0.0095	0.0017	0.0000
NE+6.80	39	DER1	0.0489	0.0218	-0.0004	-0.0044	0.0065	-0.0007
NE+6.80	39	DER2	0.0486	-0.0142	-0.0003	0.0011	0.0064	-0.0006
NE+6.80	39	DER3	-0.0522	-0.0117	-0.0003	0.0009	-0.0071	0.0006
NE+6.80	39	DER4	-0.0518	0.0243	-0.0004	-0.0046	-0.0070	0.0005
NE+6.80	39	DER5	0.0141	0.0647	-0.0005	-0.0110	0.0018	-0.0004
NE+6.80	39	DER6	-0.0161	0.0655	-0.0005	-0.0111	-0.0022	0.0000
NE+6.80	39	DER7	-0.0173	-0.0545	-0.0002	0.0075	-0.0024	0.0004
NE+6.80	39	DER8	0.0129	-0.0553	-0.0002	0.0076	0.0016	0.0000
NE+6.80	39	DER9	0.0493	0.0200	-0.0004	-0.0043	0.0066	-0.0007
NE+6.80	39	DER10	0.0489	-0.0160	-0.0003	0.0013	0.0065	-0.0005
NE+6.80	39	DER11	-0.0518	-0.0135	-0.0002	0.0011	-0.0070	0.0006
NE+6.80	39	DER12	-0.0514	0.0225	-0.0003	-0.0045	-0.0070	0.0005
NE+6.80	39	DER13	0.0145	0.0628	-0.0005	-0.0108	0.0019	-0.0004
NE+6.80	39	DER14	-0.0158	0.0636	-0.0005	-0.0109	-0.0021	0.0000
NE+6.80	39	DER15	-0.0170	-0.0564	-0.0001	0.0076	-0.0024	0.0004
NE+6.80	39	DER16	0.0133	-0.0572	-0.0001	0.0077	0.0017	0.0000
NE+6.80	40	DER1	0.0490	0.0227	-0.0004	-0.0049	0.0065	-0.0006
NE+6.80	40	DER2	0.0486	-0.0152	-0.0004	0.0016	0.0064	-0.0005
NE+6.80	40	DER3	-0.0522	-0.0113	-0.0004	0.0011	-0.0071	0.0007
NE+6.80	40	DER4	-0.0518	0.0266	-0.0004	-0.0053	-0.0070	0.0005
NE+6.80	40	DER5	0.0141	0.0683	-0.0005	-0.0126	0.0018	-0.0004
NE+6.80	40	DER6	-0.0161	0.0694	-0.0005	-0.0127	-0.0022	-0.0001
NE+6.80	40	DER7	-0.0174	-0.0569	-0.0004	0.0088	-0.0024	0.0005
NE+6.80	40	DER8	0.0129	-0.0581	-0.0004	0.0089	0.0016	0.0001
NE+6.80	40	DER9	0.0494	0.0207	-0.0003	-0.0047	0.0065	-0.0006
NE+6.80	40	DER10	0.0490	-0.0172	-0.0003	0.0017	0.0064	-0.0004
NE+6.80	40	DER11	-0.0518	-0.0133	-0.0003	0.0013	-0.0070	0.0007
NE+6.80	40	DER12	-0.0515	0.0246	-0.0004	-0.0051	-0.0070	0.0005
NE+6.80	40	DER13	0.0145	0.0663	-0.0004	-0.0124	0.0019	-0.0004
NE+6.80	40	DER14	-0.0157	0.0674	-0.0004	-0.0125	-0.0022	-0.0001
NE+6.80	40	DER15	-0.0170	-0.0589	-0.0003	0.0090	-0.0024	0.0005
NE+6.80	40	DER16	0.0133	-0.0601	-0.0003	0.0091	0.0017	0.0001
NE+6.80	41	DER1	0.0491	0.0204	-0.0005	-0.0044	0.0074	-0.0010
NE+6.80	41	DER2	0.0487	-0.0136	-0.0004	0.0006	0.0074	-0.0008
NE+6.80	41	DER3	-0.0523	-0.0086	-0.0002	0.0002	-0.0073	0.0009
NE+6.80	41	DER4	-0.0519	0.0253	-0.0003	-0.0047	-0.0073	0.0008
NE+6.80	41	DER5	0.0142	0.0617	-0.0005	-0.0103	0.0024	-0.0005
NE+6.80	41	DER6	-0.0161	0.0632	-0.0005	-0.0104	-0.0020	0.0000
NE+6.80	41	DER7	-0.0174	-0.0500	-0.0002	0.0062	-0.0023	0.0005
NE+6.80	41	DER8	0.0129	-0.0515	-0.0002	0.0063	0.0021	-0.0001

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+3.45	20	DER1	0.0212	0.0082	-0.0002	-0.0033	0.0068	-0.0001
NE+3.45	20	DER2	0.0213	-0.0070	-0.0002	0.0019	0.0069	-0.0001
NE+3.45	20	DER3	-0.0222	-0.0040	0.0000	0.0011	-0.0079	0.0001
NE+3.45	20	DER4	-0.0223	0.0111	0.0000	-0.0040	-0.0079	0.0001
NE+3.45	20	DER5	0.0058	0.0269	0.0000	-0.0095	0.0016	-0.0001
NE+3.45	20	DER6	-0.0072	0.0277	0.0000	-0.0097	-0.0028	0.0000
NE+3.45	20	DER7	-0.0068	-0.0227	-0.0002	0.0073	-0.0027	0.0001
NE+3.45	20	DER8	0.0063	-0.0236	-0.0003	0.0075	0.0018	0.0000
NE+3.45	20	DER9	0.0214	0.0074	-0.0002	-0.0030	0.0069	-0.0001
NE+3.45	20	DER10	0.0215	-0.0077	-0.0002	0.0021	0.0070	-0.0001
NE+3.45	20	DER11	-0.0220	-0.0048	0.0000	0.0013	-0.0078	0.0001
NE+3.45	20	DER12	-0.0221	0.0104	0.0000	-0.0038	-0.0078	0.0001
NE+3.45	20	DER13	0.0060	0.0261	0.0000	-0.0092	0.0017	-0.0001
NE+3.45	20	DER14	-0.0071	0.0270	0.0000	-0.0094	-0.0027	0.0000
NE+3.45	20	DER15	-0.0066	-0.0234	-0.0002	0.0076	-0.0025	0.0001
NE+3.45	20	DER16	0.0064	-0.0243	-0.0002	0.0078	0.0019	0.0000
NE+3.45	22	DER1	0.0216	0.0115	-0.0003	-0.0032	0.0084	-0.0001
NE+3.45	22	DER2	0.0216	-0.0047	-0.0003	0.0016	0.0084	-0.0001
NE+3.45	22	DER3	-0.0226	-0.0076	-0.0003	0.0022	-0.0083	0.0001
NE+3.45	22	DER4	-0.0226	0.0085	-0.0003	-0.0026	-0.0083	0.0001
NE+3.45	22	DER5	0.0061	0.0293	-0.0003	-0.0085	0.0026	-0.0001
NE+3.45	22	DER6	-0.0071	0.0284	-0.0003	-0.0084	-0.0024	0.0000
NE+3.45	22	DER7	-0.0071	-0.0255	-0.0003	0.0076	-0.0025	0.0001
NE+3.45	22	DER8	0.0061	-0.0246	-0.0003	0.0074	0.0025	0.0000
NE+3.45	22	DER9	0.0218	0.0107	-0.0002	-0.0030	0.0086	-0.0001
NE+3.45	22	DER10	0.0218	-0.0054	-0.0002	0.0018	0.0086	-0.0001
NE+3.45	22	DER11	-0.0225	-0.0084	-0.0003	0.0024	-0.0081	0.0001
NE+3.45	22	DER12	-0.0225	0.0078	-0.0003	-0.0024	-0.0081	0.0001
NE+3.45	22	DER13	0.0063	0.0286	-0.0002	-0.0084	0.0028	-0.0001
NE+3.45	22	DER14	-0.0070	0.0277	-0.0002	-0.0082	-0.0022	0.0000
NE+3.45	22	DER15	-0.0070	-0.0262	-0.0003	0.0078	-0.0023	0.0001
NE+3.45	22	DER16	0.0063	-0.0253	-0.0002	0.0076	0.0027	0.0000
NE+3.45	24	DER1	0.0216	0.0106	-0.0003	-0.0029	0.0073	-0.0001
NE+3.45	24	DER2	0.0216	-0.0053	-0.0003	0.0016	0.0073	-0.0001
NE+3.45	24	DER3	-0.0226	-0.0067	-0.0003	0.0019	-0.0078	0.0001
NE+3.45	24	DER4	-0.0226	0.0092	-0.0003	-0.0026	-0.0078	0.0001
NE+3.45	24	DER5	0.0061	0.0287	-0.0003	-0.0081	0.0020	-0.0001
NE+3.45	24	DER6	-0.0071	0.0282	-0.0003	-0.0080	-0.0025	0.0000
NE+3.45	24	DER7	-0.0071	-0.0248	-0.0003	0.0071	-0.0025	0.0001
NE+3.45	24	DER8	0.0061	-0.0243	-0.0003	0.0070	0.0020	0.0000
NE+3.45	24	DER9	0.0218	0.0099	-0.0002	-0.0027	0.0073	-0.0001
NE+3.45	24	DER10	0.0218	-0.0060	-0.0002	0.0018	0.0073	-0.0001
NE+3.45	24	DER11	-0.0225	-0.0075	-0.0002	0.0021	-0.0078	0.0001
NE+3.45	24	DER12	-0.0225	0.0084	-0.0002	-0.0024	-0.0078	0.0001
NE+3.45	24	DER13	0.0063	0.0279	-0.0002	-0.0079	0.0021	-0.0001
NE+3.45	24	DER14	-0.0070	0.0275	-0.0002	-0.0078	-0.0025	0.0000
NE+3.45	24	DER15	-0.0070	-0.0255	-0.0002	0.0073	-0.0025	0.0001
NE+3.45	24	DER16	0.0063	-0.0251	-0.0002	0.0072	0.0020	0.0000
NE+3.45	26	DER1	0.0216	0.0098	-0.0003	-0.0027	0.0073	-0.0001
NE+3.45	26	DER2	0.0216	-0.0058	-0.0003	0.0017	0.0073	-0.0001
NE+3.45	26	DER3	-0.0226	-0.0058	-0.0003	0.0017	-0.0078	0.0001
NE+3.45	26	DER4	-0.0226	0.0098	-0.0003	-0.0027	-0.0078	0.0001
NE+3.45	26	DER5	0.0061	0.0281	-0.0003	-0.0079	0.0020	-0.0001
NE+3.45	26	DER6	-0.0071	0.0281	-0.0003	-0.0079	-0.0025	0.0000
NE+3.45	26	DER7	-0.0071	-0.0241	-0.0003	0.0069	-0.0025	0.0001
NE+3.45	26	DER8	0.0061	-0.0241	-0.0003	0.0069	0.0020	0.0000
NE+3.45	26	DER9	0.0218	0.0091	-0.0002	-0.0025	0.0073	-0.0001
NE+3.45	26	DER10	0.0218	-0.0066	-0.0002	0.0019	0.0073	-0.0001
NE+3.45	26	DER11	-0.0225	-0.0066	-0.0002	0.0019	-0.0077	0.0001
NE+3.45	26	DER12	-0.0225	0.0091	-0.0002	-0.0025	-0.0077	0.0001
NE+3.45	26	DER13	0.0063	0.0273	-0.0002	-0.0077	0.0021	-0.0001
NE+3.45	26	DER14	-0.0070	0.0273	-0.0002	-0.0077	-0.0025	0.0000
NE+3.45	26	DER15	-0.0070	-0.0248	-0.0002	0.0071	-0.0025	0.0001
NE+3.45	26	DER16	0.0063	-0.0248	-0.0002	0.0071	0.0021	0.0000
NE+3.45	28	DER1	0.0216	0.0090	-0.0003	-0.0025	0.0073	-0.0001
NE+3.45	28	DER2	0.0216	-0.0064	-0.0003	0.0018	0.0073	-0.0001
NE+3.45	28	DER3	-0.0226	-0.0049	-0.0003	0.0015	-0.0078	0.0001
NE+3.45	28	DER4	-0.0226	0.0105	-0.0003	-0.0029	-0.0078	0.0001
NE+3.45	28	DER5	0.0061	0.0275	-0.0003	-0.0077	0.0020	-0.0001
NE+3.45	28	DER6	-0.0071	0.0279	-0.0003	-0.0078	-0.0025	0.0000
NE+3.45	28	DER7	-0.0071	-0.0234	-0.0003	0.0067	-0.0025	0.0001
NE+3.45	28	DER8	0.0061	-0.0238	-0.0003	0.0068	0.0020	0.0000
NE+3.45	28	DER9	0.0218	0.0082	-0.0002	-0.0023	0.0073	-0.0001
NE+3.45	28	DER10	0.0218	-0.0071	-0.0002	0.0020	0.0073	-0.0001
NE+3.45	28	DER11	-0.0225	-0.0057	-0.0002	0.0017	-0.0077	0.0001
NE+3.45	28	DER12	-0.0225	0.0097	-0.0002	-0.0027	-0.0077	0.0001
NE+3.45	28	DER13	0.0063	0.0267	-0.0002	-0.0076	0.0021	-0.0001
NE+3.45	28	DER14	-0.0070	0.0272	-0.0002	-0.0077	-0.0025	0.0000
NE+3.45	28	DER15	-0.0070	-0.0241	-0.0002	0.0069	-0.0025	0.0001
NE+3.45	28	DER16	0.0063	-0.0246	-0.0002	0.0070	0.0021	0.0000
NE+3.45	30	DER1	0.0216	0.0082	-0.0002	-0.0024	0.0068	-0.0001
NE+3.45	30	DER2	0.0216	-0.0070	-0.0002	0.0018	0.0068	-0.0001
NE+3.45	30	DER3	-0.0226	-0.0040	-0.0001	0.0011	-0.0097	0.0001
NE+3.45	30	DER4	-0.0226	0.0111	-0.0001	-0.0030	-0.0097	0.0001
NE+3.45	30	DER5	0.0061	0.0269	-0.0002	-0.0075	0.0011	-0.0001
NE+3.45	30	DER6	-0.0071	0.0277	-0.0002	-0.0077	-0.0039	0.0000
NE+3.45	30	DER7	-0.0071	-0.0227	-0.0002	0.0062	-0.0039	0.0001
NE+3.45	30	DER8	0.0061	-0.0236	-0.0002	0.0064	0.0010	0.0000
NE+3.45	30	DER9	0.0218	0.0074	-0.0002	-0.0022	0.0072	-0.0001
NE+3.45	30	DER10	0.0218	-0.0077	-0.0002	0.0020	0.0071	-0.0001
NE+3.45	30	DER11	-0.0225	-0.0048	-0.0001	0.0013	-0.0094	0.0001
NE+3.45	30	DER12	-0.0225	0.0104	-0.0001	-0.0028	-0.0094	0.0001
NE+3.45	30	DER13	0.0063	0.0261	-0.0002	-0.0073	0.0014	-0.0001
NE+3.45	30	DER14	-0.0070	0.0270	-0.0001	-0.0075	-0.0036	0.0000
NE+3.45	30	DER15	-0.0070	-0.0234	-0.0001	0.0064	-0.0036	0.0001
NE+3.45	30	DER16	0.0063	-0.0243	-0.0002	0.0066	0.0014	0.0000
NE+3.45	33	DER1	0.0220	0.0115	-0.0003	-0.0046	0.0071	-0.0001
NE+3.45	33	DER2	0.0219	-0.0047	-0.0002	0.0012	0.0071	-0.0001
NE+3.45	33	DER3	-0.0230	-0.0076	-0.0004	0.0018	-0.0081	0.0001
NE+3.45	33	DER4	-0.0229	0.0085	-0.0005	-0.0040	-0.0081	0.0001
NE+3.45	33	DER5	0.0064	0.0293	-0.0005	-0.0112	0.0018	-0.0001
NE+3.45	33	DER6	-0.0071	0.0284	-0.0005	-0.0110	-0.0028	0.0000
NE+3.45	33	DER7	-0.0075	-0.0255	-0.0002	0.0084	-0.0028	0.0001
NE+3.45	33	DER8	0.0060	-0.0246	-0.0002	0.0082	0.0018	0.0000
NE+3.45	33	DER9	0.0221	0.0107	-0.0002	-0.0040	0.0074	-0.0001
NE+3.45	33	DER10	0.0220	-0.0054	-0.0001	0.0018	0.0074	-0.0001
NE+3.45	33	DER11	-0.0229	-0.0084	-0.0003	0.0025	-0.0078	0.0001
NE+3.45	33	DER12	-0.0228	0.0078	-0.0004	-0.0033	-0.0078	0.0001
NE+3.45	33	DER13	0.0066	0.0286	-0.0004	-0.0105	0.0021	-0.0001
NE+3.45	33	DER14	-0.0069	0.0277	-0.0004	-0.0103	-0.0025	0.0000
NE+3.45	33	DER15	-0.0073	-0.0262	-0.0001	0.0090	-0.0025	0.0001
NE+3.45	33	DER16	0.0062	-0.0253	-0.0001	0.0088	0.0021	0.0000

NE+6.80	19	DER1	0.0470	0.0226	-0.0003	-0.0027	0.0062	0.0003
NE+6.80	19	DER2	0.0474	-0.0153	-0.0003	0.0037	0.0062	0.0005
NE+6.80	19	DER3	-0.0504	-0.0114	-0.0003	0.0034	-0.0068	-0.0001
NE+6.80	19	DER4	-0.0508	0.0265	-0.0003	-0.0030	-0.0069	-0.0003
NE+6.80	19	DER5	0.0123	0.0682	-0.0003	-0.0103	0.0015	-0.0001
NE+6.80	19	DER6	-0.0170	0.0694	-0.0003	-0.0104	-0.0024	-0.0003
NE+6.80	19	DER7	-0.0157	-0.0570	-0.0004	0.0110	-0.0022	0.0003
NE+6.80	19	DER8	0.0136	-0.0581	-0.0004	0.0111	0.0017	0.0005
NE+6.80	19	DER9	0.0474	0.0206	-0.0002	-0.0024	0.0062	0.0003
NE+6.80	19	DER10	0.0477	-0.0173	-0.0003	0.0041	0.0063	0.0004
NE+6.80	19	DER11	-0.0500	-0.0134	-0.0003	0.0037	-0.0068	-0.0001
NE+6.80	19	DER12	-0.0504	0.0245	-0.0003	-0.0027	-0.0068	-0.0003
NE+6.80	19	DER13	0.0127	0.0662	-0.0002	-0.0100	0.0016	-0.0001
NE+6.80	19	DER14	-0.0167	0.0674	-0.0002	-0.0101	-0.0023	-0.0003
NE+6.80	19	DER15	-0.0154	-0.0590	-0.0003	0.0114	-0.0021	0.0003
NE+6.80	19	DER16	0.0140	-0.0601	-0.0003	0.0115	0.0018	0.0004
NE+6.80	20	DER1	0.0470	0.0203	-0.0002	-0.0027	0.0067	0.0003
NE+6.80	20	DER2	0.0474	-0.0136	-0.0003	0.0023	0.0067	0.0006
NE+6.80	20	DER3	-0.0505	-0.0087	-0.0001	0.0018	-0.0076	-0.0001
NE+6.80	20	DER4	-0.0508	0.0252	0.0000	-0.0032	-0.0076	-0.0005
NE+6.80	20	DER5	0.0123	0.0616	0.0000	-0.0087	0.0016	-0.0004
NE+6.80	20	DER6	-0.0170	0.0630	0.0000	-0.0089	-0.0027	-0.0006
NE+6.80	20	DER7	-0.0158	-0.0500	-0.0003	0.0077	-0.0025	0.0005
NE+6.80	20	DER8	0.0136	-0.0515	-0.0003	0.0079	0.0018	0.0008
NE+6.80	20	DER9	0.0474	0.0185	-0.0002	-0.0025	0.0067	0.0003
NE+6.80	20	DER10	0.0478	-0.0154	-0.0003	0.0025	0.0068	0.0006
NE+6.80	20	DER11	-0.0501	-0.0105	-0.0001	0.0020	-0.0075	-0.0001
NE+6.80	20	DER12	-0.0505	0.0234	0.0000	-0.0029	-0.0076	-0.0005
NE+6.80	20	DER13	0.0127	0.0598	0.0000	-0.0084	0.0016	-0.0004
NE+6.80	20	DER14	-0.0167	0.0612	0.0000	-0.0086	-0.0027	-0.0006
NE+6.80	20	DER15	-0.0154	-0.0518	-0.0003	0.0080	-0.0024	0.0005
NE+6.80	20	DER16	0.0140	-0.0533	-0.0003	0.0082	0.0019	0.0008
NE+6.80	22	DER1	0.0494	0.0268	-0.0004	-0.0037	0.0066	-0.0002
NE+6.80	22	DER2	0.0494	-0.0130	-0.0004	0.0020	0.0066	0.0000
NE+6.80	22	DER3	-0.0538	-0.0177	-0.0004	0.0024	-0.0099	0.0003
NE+6.80	22	DER4	-0.0538	0.0221	-0.0004	-0.0034	-0.0099	0.0000
NE+6.80	22	DER5	0.0133	0.0716	-0.0004	-0.0104	0.0008	-0.0005
NE+6.80	22	DER6	-0.0177	0.0701	-0.0004	-0.0102	-0.0041	-0.0004
NE+6.80	22	DER7	-0.0177	-0.0625	-0.0004	0.0090	-0.0041	0.0006
NE+6.80	22	DER8	0.0133	-0.0611	-0.0004	0.0089	0.0009	0.0005
NE+6.80	22	DER9	0.0498	0.0251	-0.0003	-0.0035	0.0067	-0.0003
NE+6.80	22	DER10	0.0498	-0.0147	-0.0003	0.0023	0.0067	0.0000
NE+6.80	22	DER11	-0.0533	-0.0195	-0.0004	0.0027	-0.0099	0.0003
NE+6.80	22	DER12	-0.0533	0.0203	-0.0004	-0.0031	-0.0099	0.0000
NE+6.80	22	DER13	0.0137	0.0698	-0.0003	-0.0101	0.0009	-0.0005
NE+6.80	22	DER14	-0.0172	0.0684	-0.0003	-0.0100	-0.0041	-0.0004
NE+6.80	22	DER15	-0.0172	-0.0642	-0.0003	0.0093	-0.0041	0.0005
NE+6.80	22	DER16	0.0137	-0.0628	-0.0003	0.0092	0.0009	0.0005
NE+6.80	24	DER1	0.0492	0.0247	-0.0003	-0.0034	0.0073	-0.0002
NE+6.80	24	DER2	0.0492	-0.0125	-0.0003	0.0017	0.0073	-0.0001
NE+6.80	24	DER3	-0.0535	-0.0150	-0.0003	0.0019	-0.0083	0.0002
NE+6.80	24	DER4	-0.0535	0.0222	-0.0003	-0.0032	-0.0083	0.0001
NE+6.80	24	DER5	0.0133	0.0671	-0.0003	-0.0093	0.0018	-0.0002
NE+6.80	24	DER6	-0.0175	0.0664	-0.0003	-0.0093	-0.0028	-0.0001
NE+6.80	24	DER7	-0.0176	-0.0575	-0.0003	0.0078	-0.0029	0.0002
NE+6.80	24	DER8	0.0132	-0.0567	-0.0003	0.0078	0.0018	0.0001
NE+6.80	24	DER9	0.0497	0.0228	-0.0003	-0.0031	0.0074	-0.0002
NE+6.80	24	DER10	0.0497	-0.0143	-0.0003	0.0020	0.0074	-0.0001
NE+6.80	24	DER11	-0.0531	-0.0168	-0.0003	0.0022	-0.0082	0.0002
NE+6.80	24	DER12	-0.0531	0.0203	-0.0003	-0.0029	-0.0082	0.0001
NE+6.80	24	DER13	0.0137	0.0653	-0.0002	-0.0090	0.0019	-0.0002
NE+6.80	24	DER14	-0.0171	0.0646	-0.0002	-0.0090	-0.0027	-0.0001
NE+6.80	24	DER15	-0.0171	-0.0593	-0.0003	0.0081	-0.0028	0.0002
NE+6.80	24	DER16	0.0137	-0.0586	-0.0003	0.0081	0.0019	0.0001
NE+6.80	26	DER1	0.0491	0.0232	-0.0003	-0.0033	0.0073	-0.0002
NE+6.80	26	DER2	0.0491	-0.0133	-0.0003	0.0018	0.0073	-0.0001
NE+6.80	26	DER3	-0.0534	-0.0133	-0.0003	0.0018	-0.0083	0.0002
NE+6.80	26	DER4	-0.0534	0.0232	-0.0003	-0.0033	-0.0083	0.0001
NE+6.80	26	DER5	0.0133	0.0658	-0.0003	-0.0092	0.0018	-0.0002
NE+6.80	26	DER6	-0.0175	0.0658	-0.0003	-0.0092	-0.0028	-0.0001
NE+6.80	26	DER7	-0.0175	-0.0560	-0.0003	0.0076	-0.0028	0.0002
NE+6.80	26	DER8	0.0132	-0.0560	-0.0003	0.0076	0.0018	0.0001
NE+6.80	26	DER9	0.0496	0.0213	-0.0003	-0.0030	0.0074	-0.0002
NE+6.80	26	DER10	0.0495	-0.0152	-0.0003	0.0021	0.0074	-0.0001
NE+6.80	26	DER11	-0.0529	-0.0152	-0.0003	0.0021	-0.0082	0.0002
NE+6.80	26	DER12	-0.0529	0.0213	-0.0003	-0.0030	-0.0082	0.0001
NE+6.80	26	DER13	0.0137	0.0639	-0.0002	-0.0089	0.0019	-0.0002
NE+6.80	26	DER14	-0.0170	0.0639	-0.0002	-0.0089	-0.0027	-0.0001
NE+6.80	26	DER15	-0.0171	-0.0578	-0.0003	0.0079	-0.0028	0.0002
NE+6.80	26	DER16	0.0137	-0.0578	-0.0003	0.0079	0.0019	0.0001
NE+6.80	28	DER1	0.0490	0.0217	-0.0003	-0.0031	0.0072	-0.0002
NE+6.80	28	DER2	0.0490	-0.0142	-0.0003	0.0018	0.0072	-0.0001
NE+6.80	28	DER3	-0.0534	-0.0117	-0.0003	0.0016	-0.0083	0.0002
NE+6.80	28	DER4	-0.0534	0.0242	-0.0003	-0.0034	-0.0083	0.0001
NE+6.80	28	DER5	0.0132	0.0646	-0.0003	-0.0090	0.0018	-0.0002
NE+6.80	28	DER6	-0.0175	0.0653	-0.0003	-0.0091	-0.0028	-0.0001
NE+6.80	28	DER7	-0.0176	-0.0545	-0.0003	0.0075	-0.0029	0.0002
NE+6.80	28	DER8	0.0132	-0.0553	-0.0003	0.0075	0.0018	0.0001
NE+6.80	28	DER9	0.0495	0.0199	-0.0003	-0.0029	0.0073	-0.0002
NE+6.80	28	DER10	0.0495	-0.0161	-0.0003	0.0021	0.0073	-0.0001
NE+6.80	28	DER11	-0.0529	-0.0136	-0.0003	0.0019	-0.0082	0.0002
NE+6.80	28	DER12	-0.0529	0.0224	-0.0003	-0.0031	-0.0082	0.0001
NE+6.80	28	DER13	0.0137	0.0627	-0.0002	-0.0087	0.0019	-0.0002
NE+6.80	28	DER14	-0.0170	0.0635	-0.0002	-0.0088	-0.0027	-0.0001
NE+6.80	28	DER15	-0.0171	-0.0564	-0.0003	0.0078	-0.0028	0.0002
NE+6.80	28	DER16	0.0136	-0.0571	-0.0003	0.0078	0.0019	0.0001
NE+6.80	30	DER1	0.0490	0.0203	-0.0003	-0.0030	0.0077	-0.0003
NE+6.80	30	DER2	0.0490	-0.0136	-0.0003	0.0015	0.0077	0.0001
NE+6.80	30	DER3	-0.0535	-0.0087	-0.0002	0.0011	-0.0086	0.0003
NE+6.80	30	DER4	-0.0534	0.0252	-0.0002	-0.0034	-0.0085	-0.0001
NE+6.80	30	DER5	0.0132	0.0616	-0.0002	-0.0084	0.0020	-0.0006
NE+6.80	30	DER6	-0.0176	0.0630	-0.0002	-0.0085	-0.0029	-0.0005
NE+6.80	30	DER7	-0.0176	-0.0499	-0.0002	0.0065	-0.0029	0.0006
NE+6.80	30	DER8	0.0131	-0.0514	-0.0002	0.0066	0.0020	0.0005
NE+6.80	30	DER9	0.0495	0.0185	-0.0002	-0.0027	0.0078	-0.0003
NE+6.80	30	DER10	0.0494	-0.0154	-0.0002	0.0018	0.0077	0.0001
NE+6.80	30	DER11	-0.0530	-0.0105	-0.0001	0.0014	-0.0085	0.0003
NE+6.80	30	DER12	-0.0530	0.0234	-0.0001	-0.0031	-0.0085	-0.0001
NE+6.80	30	DER13	0.0136	0.0598	-0.0002	-0.0081	0.0021	-0.0006
NE+6.80	30	DER14	-0.0171	0.0612	-0.0002	-0.0082	-0.0028	-0.0005
NE+6.80	30	DER15	-0.0172	-0.0518	-0.0002	0.0068	-0.0028	0.0006
NE+6.80	30	DER16	0.0136	-0.0532	-0.0002	0.0069	0.0020	0.0005
NE+6.80	33	DER1	0.0490	0.0269	-0.0004	-0.0047	0.0060	-0.0007
NE+6.80	33	DER2	0.0487	-0.0129	-0.0003	0.0016	0.0060	-0.0004
NE+6.80	33	DER3	-0.0527	-0.0177	-0.0005	0.0018	-0.0088	0.0007
NE+6.80	33	DER4	-0.0524	0.0222	-0.0006	-0.0046	-0.0089	0.0004
NE+6.80	33	DER5	0.0139	0.0717	-0.0006	-0.0121	0.0008	-0.0007
NE+6.80	33	DER6	-0.0165	0.0703	-0.0007	-0.0121	-0.0037	-0.0004

NE+6.80	41	DER9	0.0494	0.0186	-0.0005	-0.0042	0.0075	-0.0010
NE+6.80	41	DER10	0.0491	-0.0154	-0.0004	0.0007	0.0074	-0.0008
NE+6.80	41	DER11	-0.0519	-0.0104	-0.0001	0.0004	-0.0073	0.0010
NE+6.80	41	DER12	-0.0515	0.0235	-0.0002	-0.0046	-0.0072	0.0008
NE+6.80	41	DER13	0.0145	0.0599	-0.0005	-0.0102	0.0024	-0.0005
NE+6.80	41	DER14	-0.0157	0.0614	-0.0004	-0.0103	-0.0020	0.0000
NE+6.80	41	DER15	-0.0170	-0.0518	-0.0001	0.0063	-0.0022	0.0005
NE+6.80	41	DER16	0.0133	-0.0533	-0.0002	0.0064	0.0022	0.0000
NE+3.45	12	DER1	0.0212	0.0115	-0.0001	-0.0044	0.0073	-0.0001
NE+3.45	12	DER2	0.0213	-0.0047	-0.0002	0.0015	0.0073	-0.0001
NE+3.45	12	DER3	-0.0222	-0.0076	-0.0004	0.0022	-0.0077	0.0001
NE+3.45	12	DER4	-0.0223	0.0085	-0.0003	-0.0036	-0.0077	0.0001
NE+3.45	12	DER5	0.0058	0.0293	-0.0001	-0.0110	0.0020	-0.0001
NE+3.45	12	DER6	-0.0072	0.0284	-0.0001	-0.0107	-0.0025	0.0000
NE+3.45	12	DER7	-0.0068	-0.0255	-0.0004	0.0088	-0.0024	0.0001
NE+3.45	12	DER8	0.0063	-0.0246	-0.0003	0.0086	0.0021	0.0000
NE+3.45	12	DER9	0.0214	0.0107	-0.0001	-0.0041	0.0075	-0.0001
NE+3.45	12	DER10	0.0215	-0.0054	-0.0001	0.0018	0.0075	-0.0001
NE+3.45	12	DER11	-0.0220	-0.0084	-0.0003	0.0025	-0.0075	0.0001
NE+3.45	12	DER12	-0.0221	0.0078	-0.0003	-0.0034	-0.0075	0.0001
NE+3.45	12	DER13	0.0060	0.0286	0.0000	-0.0107	0.0022	-0.0001
NE+3.45	12	DER14	-0.0071	0.0277	-0.0001	-0.0105	-0.0023	0.0000
NE+3.45	12	DER15	-0.0066	-0.0262	-0.0004	0.0091	-0.0022	0.0001
NE+3.45	12	DER16	0.0064	-0.0253	-0.0003	0.0088	0.0023	0.0000
NE+3.45	13	DER1	0.0212	0.0111	-0.0002	-0.0054	0.0059	-0.0001
NE+3.45	13	DER2	0.0213	-0.0050	-0.0002	0.0010	0.0060	-0.0001
NE+3.45	13	DER3	-0.0222	-0.0072	-0.0002	0.0017	-0.0064	0.0001
NE+3.45	13	DER4	-0.0223	0.0089	-0.0002	-0.0047	-0.0065	0.0001
NE+3.45	13	DER5	0.0058	0.0290	-0.0002	-0.0126	0.0015	-0.0001
NE+3.45	13	DER6	-0.0072	0.0283	-0.0002	-0.0124	-0.0022	0.0000
NE+3.45	13	DER7	-0.0068	-0.0251	-0.0003	0.0089	-0.0020	0.0001
NE+3.45	13	DER8	0.0063	-0.0245	-0.0003	0.0087	0.0017	0.0000
NE+3.45	13	DER9	0.0214	0.0103	-0.0002	-0.0049	0.0060	-0.0001
NE+3.45	13	DER10	0.0215	-0.0057	-0.0002	0.0015	0.0060	-0.0001
NE+3.45	13	DER11	-0.0220	-0.0079	-0.0002	0.0022	-0.0064	0.0001
NE+3.45	13	DER12	-0.0221	0.0081	-0.0002	-0.0042	-0.0064	0.0001
NE+3.45	13	DER13	0.0060	0.0282	-0.0001	-0.0122	0.0016	-0.0001
NE+3.45	13	DER14	-0.0071	0.0276	-0.0001	-0.0120	-0.0021	0.0000
NE+3.45	13	DER15	-0.0066	-0.0259	-0.0002	0.0094	-0.0020	0.0001
NE+3.45	13	DER16	0.0064	-0.0252	-0.0002	0.0092	0.0017	0.0000
NE+3.45	14	DER1	0.0212	0.0106	-0.0002	-0.0041	0.0061	-0.0001
NE+3.45	14	DER2	0.0213	-0.0053	-0.0002	0.0014	0.0061	-0.0001
NE+3.45	14	DER3	-0.0222	-0.0067	-0.0002	0.0018	-0.0065	0.0001
NE+3.45	14	DER4	-0.0223	0.0092	-0.0002	-0.0037	-0.0065	0.0001
NE+3.45	14	DER5	0.0058	0.0287	-0.0001	-0.0104	0.0016	-0.0001
NE+3.45	14	DER6	-0.0072	0.0282	-0.0001	-0.0103	-0.0022	0.0000
NE+3.45	14	DER7	-0.0068	-0.0248	-0.0003	0.0082	-0.0020	0.0001
NE+3.45	14	DER8	0.0063	-0.0243	-0.0003	0.0080	0.0018	0.0000
NE+3.45	14	DER9	0.0214	0.0099	-0.0001	-0.0038	0.0061	-0.0001
NE+3.45	14	DER10	0.0215	-0.0060	-0.0002	0.0017	0.0062	-0.0001
NE+3.45	14	DER11	-0.0220	-0.0075	-0.0002	0.0021	-0.0064	0.0001
NE+3.45	14	DER12	-0.0221	0.0084	-0.0001	-0.0034	-0.0065	0.0001
NE+3.45	14	DER13	0.0060	0.0279	-0.0001	-0.0102	0.0017	-0.0001
NE+3.45	14	DER14	-0.0071	0.0275	0.0000	-0.0100	-0.0021	0.0000
NE+3.45	14	DER15	-0.0066	-0.0255	-0.0003	0.0084	-0.0020	0.0001
NE+3.45	14	DER16	0.0064	-0.0251	-0.0003	0.0083	0.0018	0.0000
NE+3.45	15	DER1	0.0212	0.0102	-0.0002	-0.0051	0.0060	-0.0001
NE+3.45	15	DER2	0.0213	-0.0055	-0.0002	0.0012	0.0060	-0.0001
NE+3.45	15	DER3	-0.0222	-0.0063	-0.0002	0.0014	-0.0064	0.0001
NE+3.45	15	DER4	-0.0223	0.0095	-0.0002	-0.0049	-0.0065	0.0001
NE+3.45	15	DER5	0.0058	0.0284	-0.0002	-0.0123	0.0016	-0.0001
NE+3.45	15	DER6	-0.0072	0.0282	-0.0002	-0.0122	-0.0022	0.0000
NE+3.45	15	DER7	-0.0068	-0.0244	-0.0003	0.0086	-0.0020	0.0001
NE+3.45	15	DER8	0.0063	-0.0242	-0.0003	0.0085	0.0017	0.0000
NE+3.45	15	DER9	0.0214	0.0095	-0.0002	-0.0046	0.0060	-0.0001
NE+3.45	15	DER10	0.0215	-0.0063	-0.0002	0.0016	0.0061	-0.0001
NE+3.45	15	DER11	-0.0220	-0.0070	-0.0002	0.0018	-0.0064	0.0001
NE+3.45	15	DER12	-0.0221	0.0088	-0.0002	-0.0044	-0.0064	0.0001
NE+3.45	15	DER13	0.0060	0.0276	-0.0002	-0.0118	0.0016	-0.0001
NE+3.45	15	DER14	-0.0071	0.0274	-0.0002	-0.0118	-0.0021	0.0000
NE+3.45	15	DER15	-0.0066	-0.0252	-0.0002	0.0090	-0.0020	0.0001
NE+3.45	15	DER16	0.0064	-0.0249	-0.0002	0.0090	0.0018	0.0000
NE+3.45	16	DER1	0.0212	0.0098	-0.0002	-0.0039	0.0061	-0.0001
NE+3.45	16	DER2	0.0213	-0.0058	-0.0002	0.0016	0.0061	-0.0001
NE+3.45	16	DER3	-0.0222	-0.0058	-0.0002	0.0016	-0.0064	0.0001
NE+3.45	16	DER4	-0.0223	0.0098	-0.0001	-0.0039	-0.0065	0.0001
NE+3.45	16	DER5	0.0058	0.0281	-0.0001	-0.0102	0.0016	-0.0001
NE+3.45	16	DER6	-0.0072	0.0281	-0.0001	-0.0102	-0.0021	0.0000
NE+3.45	16	DER7	-0.0068	-0.0241	-0.0003	0.0079	-0.0020	0.0001
NE+3.45	16	DER8	0.0063	-0.0241	-0.0003	0.0079	0.0018	0.0000
NE+3.45	16	DER9	0.0214	0.0091	-0.0001	-0.0036	0.0061	-0.0001
NE+3.45	16	DER10	0.0215	-0.0066	-0.0002	0.0019	0.0062	-0.0001
NE+3.45	16	DER11	-0.0220	-0.0066	-0.0002	0.0019	-0.0064	0.0001
NE+3.45	16	DER12	-0.0221	0.0091	-0.0001	-0.0036	-0.0064	0.0001
NE+3.45	16	DER13	0.0060	0.0273	-0.0001	-0.0100	0.0017	-0.0001
NE+3.45	16	DER14	-0.0071	0.0273	0.0000	-0.0100	-0.0021	0.0000
NE+3.45	16	DER15	-0.0066	-0.0248	-0.0003	0.0082	-0.0019	0.0001
NE+3.45	16	DER16	0.0064	-0.0248	-0.0003	0.0082	0.0018	0.0000
NE+3.45	17	DER1	0.0212	0.0094	-0.0002	-0.0048	0.0060	-0.0001
NE+3.45	17	DER2	0.0213	-0.0061	-0.0002	0.0013	0.0060	-0.0001
NE+3.45	17	DER3	-0.0222	-0.0054	-0.0002	0.0011	-0.0064	0.0001
NE+3.45	17	DER4	-0.0223	0.0102	-0.0002	-0.0051	-0.0065	0.0001
NE+3.45	17	DER5	0.0058	0.0278	-0.0002	-0.0121	0.0016	-0.0001
NE+3.45	17	DER6	-0.0072	0.0280	-0.0002	-0.0122	-0.0022	0.0000
NE+3.45	17	DER7	-0.0068	-0.0237	-0.0003	0.0083	-0.0020	0.0001
NE+3.45	17	DER8	0.0063	-0.0240	-0.0003	0.0084	0.0017	0.0000
NE+3.45	17	DER9	0.0214	0.0086	-0.0002	-0.0044	0.0060	-0.0001
NE+3.45	17	DER10	0.0215	-0.0069	-0.0002	0.0018	0.0061	-0.0001
NE+3.45	17	DER11	-0.0220	-0.0061	-0.0002	0.0016	-0.0064	0.0001
NE+3.45	17	DER12	-0.0221	0.0094	-0.0002	-0.0046	-0.0064	0.0001
NE+3.45	17	DER13	0.0060	0.0270	-0.0002	-0.0116	0.0016	-0.0001
NE+3.45	17	DER14	-0.0071	0.0272	-0.0002	-0.0117	-0.0021	0.0000
NE+3.45	17	DER15	-0.0066	-0.0245	-0.0002	0.0088	-0.0020	0.0001
NE+3.45	17	DER16	0.0064	-0.0247	-0.0002	0.0089	0.0018	0.0000
NE+3.45	18	DER1	0.0212	0.0090	-0.0002	-0.0037	0.0061	-0.0001
NE+3.45	18	DER2	0.0213	-0.0064	-0.0002	0.0017	0.0061	-0.0001
NE+3.45	18	DER3	-0.0222	-0.0049	-0.0002	0.0013	-0.0064	0.0001
NE+3.45	18	DER4	-0.0223	0.0105	-0.0001	-0.0041	-0.0065	0.0001
NE+3.45	18	DER5	0.0058	0.0275	-0.0001	-0.0101	0.0016	-0.0001
NE+3.45	18	DER6	-0.0072	0.0279	-0.0001	-0.0102	-0.0021	0.0000
NE+3.45	18	DER7	-0.0068	-0.0234	-0.0003	0.0077	-0.0020	0.0001
NE+3.45	18	DER8	0.0063	-0.0238	-0.0003	0.0078	0.0018	0.0000
NE+3.45	18	DER9	0.0214	0.0082	-0.0001	-0.0034	0.0061	-0.0001
NE+3.45	18	DER10	0.0215	-0.0071	-0.0002	0.0020	0.0062	-0.0001
NE+3.45	18	DER11	-0.0220	-0.0057	-0.0002	0.0016	-0.0064	0.0001
NE+3.45	18	DER12	-0.0221	0.0097	-0.0001	-0.0038	-0.0064	0.0001
NE+3.45	18	DER13	0.0060	0.0267	-0.0001	-0.0098	0.0017	-0.0001
NE+3.45	18	DER14	-0.0071	0.0272	-0.0001	-0.0099	-0.0021	0.0000

NE+3.45	34	DER1	0.0220	0.0111	-0.0003	-0.0044	0.0061	-0.0001
NE+3.45	34	DER2	0.0219	-0.0050	-0.0003	0.0020	0.0061	-0.0001
NE+3.45	34	DER3	-0.0230	-0.0072	-0.0003	0.0027	-0.0066	0.0001
NE+3.45	34	DER4	-0.0229	0.0089	-0.0003	-0.0037	-0.0065	0.0001
NE+3.45	34	DER5	0.0064	0.0290	-0.0004	-0.0116	0.0017	-0.0001
NE+3.45	34	DER6	-0.0071	0.0283	-0.0004	-0.0114	-0.0021	0.0000
NE+3.45	34	DER7	-0.0075	-0.0251	-0.0003	0.0099	-0.0022	0.0001
NE+3.45	34	DER8	0.0060	-0.0245	-0.0003	0.0097	0.0016	0.0000
NE+3.45	34	DER9	0.0221	0.0103	-0.0003	-0.0038	0.0061	-0.0001
NE+3.45	34	DER10	0.0220	-0.0057	-0.0002	0.0026	0.0061	-0.0001
NE+3.45	34	DER11	-0.0229	-0.0079	-0.0002	0.0032	-0.0065	0.0001
NE+3.45	34	DER12	-0.0228	0.0081	-0.0003	-0.0032	-0.0065	0.0001
NE+3.45	34	DER13	0.0066	0.0282	-0.0003	-0.0111	0.0018	-0.0001
NE+3.45	34	DER14	-0.0069	0.0276	-0.0003	-0.0109	-0.0020	0.0000
NE+3.45	34	DER15	-0.0073	-0.0259	-0.0002	0.0105	-0.0022	0.0001
NE+3.45	34	DER16	0.0062	-0.0252	-0.0002	0.0103	0.0016	0.0000
NE+3.45	35	DER1	0.0220	0.0106	-0.0003	-0.0044	0.0063	-0.0001
NE+3.45	35	DER2	0.0219	-0.0053	-0.0003	0.0012	0.0062	-0.0001
NE+3.45	35	DER3	-0.0230	-0.0067	-0.0003	0.0016	-0.0066	0.0001
NE+3.45	35	DER4	-0.0229	0.0092	-0.0003	-0.0040	-0.0066	0.0001
NE+3.45	35	DER5	0.0064	0.0287	-0.0004	-0.0107	0.0018	-0.0001
NE+3.45	35	DER6	-0.0071	0.0282	-0.0004	-0.0106	-0.0020	0.0000
NE+3.45	35	DER7	-0.0075	-0.0248	-0.0002	0.0079	-0.0022	0.0001
NE+3.45	35	DER8	0.0060	-0.0243	-0.0002	0.0078	0.0017	0.0000
NE+3.45	35	DER9	0.0221	0.0099	-0.0003	-0.0037	0.0063	-0.0001
NE+3.45	35	DER10	0.0220	-0.0060	-0.0002	0.0018	0.0063	-0.0001
NE+3.45	35	DER11	-0.0229	-0.0075	-0.0002	0.0022	-0.0066	0.0001
NE+3.45	35	DER12	-0.0228	0.0084	-0.0003	-0.0033	-0.0065	0.0001
NE+3.45	35	DER13	0.0066	0.0279	-0.0004	-0.0100	0.0019	-0.0001
NE+3.45	35	DER14	-0.0069	0.0275	-0.0004	-0.0099	-0.0020	0.0000
NE+3.45	35	DER15	-0.0073	-0.0255	-0.0001	0.0086	-0.0021	0.0001
NE+3.45	35	DER16	0.0062	-0.0251	-0.0001	0.0084	0.0017	0.0000
NE+3.45	36	DER1	0.0220	0.0102	-0.0003	-0.0042	0.0062	-0.0001
NE+3.45	36	DER2	0.0219	-0.0055	-0.0003	0.0021	0.0061	-0.0001
NE+3.45	36	DER3	-0.0230	-0.0063	-0.0003	0.0023	-0.0066	0.0001
NE+3.45	36	DER4	-0.0229	0.0095	-0.0003	-0.0039	-0.0066	0.0001
NE+3.45	36	DER5	0.0064	0.0284	-0.0004	-0.0113	0.0017	-0.0001
NE+3.45	36	DER6	-0.0071	0.0282	-0.0004	-0.0113	-0.0021	0.0000
NE+3.45	36	DER7	-0.0075	-0.0244	-0.0003	0.0095	-0.0022	0.0001
NE+3.45	36	DER8	0.0060	-0.0242	-0.0003	0.0094	0.0016	0.0000
NE+3.45	36	DER9	0.0221	0.0095	-0.0003	-0.0036	0.0062	-0.0001
NE+3.45	36	DER10	0.0220	-0.0063	-0.0002	0.0026	0.0062	-0.0001
NE+3.45	36	DER11	-0.0229	-0.0070	-0.0002	0.0029	-0.0066	0.0001
NE+3.45	36	DER12	-0.0228	0.0088	-0.0003	-0.0033	-0.0065	0.0001
NE+3.45	36	DER13	0.0066	0.0276	-0.0003	-0.0107	0.0018	-0.0001
NE+3.45	36	DER14	-0.0069	0.0274	-0.0003	-0.0107	-0.0020	0.0000
NE+3.45	36	DER15	-0.0073	-0.0252	-0.0002	0.0100	-0.0022	0.0001
NE+3.45	36	DER16	0.0062	-0.0249	-0.0002	0.0100	0.0017	0.0000
NE+3.45	37	DER1	0.0220	0.0098	-0.0003	-0.0041	0.0063	-0.0001
NE+3.45	37	DER2	0.0219	-0.0058	-0.0003	0.0013	0.0062	-0.0001
NE+3.45	37	DER3	-0.0230	-0.0058	-0.0003	0.0013	-0.0066	0.0001
NE+3.45	37	DER4	-0.0229	0.0098	-0.0003	-0.0041	-0.0066	0.0001
NE+3.45	37	DER5	0.0064	0.0281	-0.0004	-0.0105	0.0018	-0.0001
NE+3.45	37	DER6	-0.0071	0.0281	-0.0004	-0.0105	-0.0020	0.0000
NE+3.45	37	DER7	-0.0075	-0.0241	-0.0002	0.0076	-0.0022	0.0001
NE+3.45	37	DER8	0.0060	-0.0241	-0.0002	0.0076	0.0017	0.0000
NE+3.45	37	DER9	0.0221	0.0091	-0.0003	-0.0034	0.0063	-0.0001
NE+3.45	37	DER10	0.0220	-0.0066	-0.0002	0.0020	0.0063	-0.0001
NE+3.45	37	DER11	-0.0229	-0.0066	-0.0002	0.0020	-0.0066	0.0001
NE+3.45	37	DER12	-0.0228	0.0091	-0.0003	-0.0034	-0.0065	0.0001
NE+3.45	37	DER13	0.0066	0.0273	-0.0004	-0.0098	0.0019	-0.0001
NE+3.45	37	DER14	-0.0069	0.0273	-0.0004	-0.0098	-0.0020	0.0000
NE+3.45	37	DER15	-0.0073	-0.0248	-0.0001	0.0083	-0.0021	0.0001
NE+3.45	37	DER16	0.0062	-0.0248	-0.0001	0.0083	0.0017	0.0000
NE+3.45	38	DER1	0.0220	0.0094	-0.0003	-0.0039	0.0062	-0.0001
NE+3.45	38	DER2	0.0219	-0.0061	-0.0003	0.0022	0.0061	-0.0001
NE+3.45	38	DER3	-0.0230	-0.0054	-0.0003	0.0020	-0.0066	0.0001
NE+3.45	38	DER4	-0.0229	0.0102	-0.0003	-0.0041	-0.0066	0.0001
NE+3.45	38	DER5	0.0064	0.0278	-0.0004	-0.0111	0.0017	-0.0001
NE+3.45	38	DER6	-0.0071	0.0280	-0.0004	-0.0112	-0.0021	0.0000
NE+3.45	38	DER7	-0.0075	-0.0237	-0.0003	0.0092	-0.0022	0.0001
NE+3.45	38	DER8	0.0060	-0.0240	-0.0003	0.0093	0.0016	0.0000
NE+3.45	38	DER9	0.0221	0.0086	-0.0003	-0.0033	0.0062	-0.0001
NE+3.45	38	DER10	0.0220	-0.0069	-0.0002	0.0028	0.0062	-0.0001
NE+3.45	38	DER11	-0.0229	-0.0061	-0.0002	0.0026	-0.0066	0.0001
NE+3.45	38	DER12	-0.0228	0.0094	-0.0003	-0.0035	-0.0065	0.0001
NE+3.45	38	DER13	0.0066	0.0270	-0.0003	-0.0105	0.0018	-0.0001
NE+3.45	38	DER14	-0.0069	0.0272	-0.0003	-0.0106	-0.0020	0.0000
NE+3.45	38	DER15	-0.0073	-0.0245	-0.0002	0.0098	-0.0022	0.0001
NE+3.45	38	DER16	0.0062	-0.0247	-0.0002	0.0099	0.0017	0.0000
NE+3.45	39	DER1	0.0220	0.0090	-0.0003	-0.0039	0.0063	-0.0001
NE+3.45	39	DER2	0.0219	-0.0064	-0.0003	0.0014	0.0062	-0.0001
NE+3.45	39	DER3	-0.0230	-0.0049	-0.0003	0.0010	-0.0066	0.0001
NE+3.45	39	DER4	-0.0229	0.0105	-0.0003	-0.0043	-0.0066	0.0001
NE+3.45	39	DER5	0.0064	0.0275	-0.0004	-0.0103	0.0018	-0.0001
NE+3.45	39	DER6	-0.0071	0.0279	-0.0004	-0.0104	-0.0020	0.0000
NE+3.45	39	DER7	-0.0075	-0.0234	-0.0002	0.0074	-0.0022	0.0001
NE+3.45	39	DER8	0.0060	-0.0238	-0.0002	0.0075	0.0017	0.0000
NE+3.45	39	DER9	0.0221	0.0082	-0.0003	-0.0032	0.0063	-0.0001
NE+3.45	39	DER10	0.0220	-0.0071	-0.0002	0.0021	0.0063	-0.0001
NE+3.45	39	DER11	-0.0229	-0.0057	-0.0002	0.0017	-0.0066	0.0001
NE+3.45	39	DER12	-0.0228	0.0097	-0.0003	-0.0036	-0.0065	0.0001
NE+3.45	39	DER13	0.0066	0.0267	-0.0004	-0.0096	0.0019	-0.0001
NE+3.45	39	DER14	-0.0069	0.0272	-0.0004	-0.0097	-0.0020	0.0000
NE+3.45	39	DER15	-0.0073	-0.0241	-0.0001	0.0081	-0.0021	0.0001
NE+3.45	39	DER16	0.0062	-0.0246	-0.0001	0.0082	0.0017	0.0000
NE+3.45	40	DER1	0.0220	0.0086	-0.0003	-0.0036	0.0061	-0.0001
NE+3.45	40	DER2	0.0219	-0.0067	-0.0003	0.0024	0.0061	-0.0001
NE+3.45	40	DER3	-0.0230	-0.0045	-0.0003	0.0017	-0.0065	0.0001
NE+3.45	40	DER4	-0.0229	0.0108	-0.0004	-0.0043	-0.0065	0.0001
NE+3.45	40	DER5	0.0064	0.0272	-0.0004	-0.0108	0.0018	-0.0001
NE+3.45	40	DER6	-0.0071	0.0278	-0.0004	-0.0110	-0.0020	0.0000
NE+3.45	40	DER7	-0.0075	-0.0230	-0.0003	0.0089	-0.0022	0.0001
NE+3.45	40	DER8	0.0060	-0.0237	-0.0003	0.0091	0.0016	0.0000
NE+3.45	40	DER9	0.0221	0.0078	-0.0002	-0.0030	0.0062	-0.0001
NE+3.45	40	DER10	0.0220	-0.0074	-0.0002	0.0030	0.0061	-0.0001
NE+3.45	40	DER11	-0.0229	-0.0052	-0.0003	0.0023	-0.0065	0.0001
NE+3.45	40	DER12	-0.0228	0.0101	-0.0003	-0.0037	-0.0064	0.0001
NE+3.45	40	DER13	0.0066	0.0264	-0.0003	-0.0102	0.0018	-0.0001
NE+3.45	40	DER14	-0.0069	0.0271	-0.0003	-0.0104	-0.0020	0.0000
NE+3.45	40	DER15	-0.0073	-0.0238	-0.0002	0.0095	-0.0021	0.0001
NE+3.45	40	DER16	0.0062	-0.0245	-0.0002	0.0097	0.0017	0.0000
NE+3.45	41	DER1	0.0220	0.0082	-0.0004	-0.0037	0.0071	-0.0001
NE+3.45	41	DER2	0.0219	-0.0070	-0.0003	0.0014	0.0071	-0.0001
NE+3.45	41	DER3	-0.0230	-0.0040	-0.0001	0.0007	-0.0080	0.0001
NE+3.45	41	DER4	-0.0229	0.0111	-0.0002	-0.0044	-0.0079	0.0001
NE+3.45	41	DER5	0.0064	0.0269	-0.0004	-0.0099	0.0019	-0.0001
NE+3.45	41	DER6	-0.0071	0.0277	-0.0004	-0.0101	-0.0026	0.0000

NE+6.80	33	DER7	-0.0176	-0.0625	-0.0003	0.0092	-0.0036	0.0007
NE+6.80	33	DER8	0.0128	-0.0611	-0.0002	0.0091	0.0009	0.0004
NE+6.80	33	DER9	0.0494	0.0251	-0.0003	-0.0046	0.0060	-0.0007
NE+6.80	33	DER10	0.0491	-0.0147	-0.0002	0.0018	0.0061	-0.0004
NE+6.80	33	DER11	-0.0523	-0.0194	-0.0004	0.0019	-0.0088	0.0007
NE+6.80	33	DER12	-0.0520	0.0204	-0.0005	-0.0044	-0.0088	0.0004
NE+6.80	33	DER13	0.0143	0.0699	-0.0005	-0.0120	0.0008	-0.0007
NE+6.80	33	DER14	-0.0161	0.0685	-0.0006	-0.0119	-0.0037	-0.0004
NE+6.80	33	DER15	-0.0172	-0.0642	-0.0002	0.0093	-0.0036	0.0007
NE+6.80	33	DER16	0.0132	-0.0628	-0.0001	0.0092	0.0009	0.0004
NE+6.80	34	DER1	0.0490	0.0275	-0.0004	-0.0055	0.0065	-0.0007
NE+6.80	34	DER2	0.0486	-0.0132	-0.0004	0.0016	0.0065	-0.0005
NE+6.80	34	DER3	-0.0525	-0.0171	-0.0004	0.0020	-0.0071	0.0006
NE+6.80	34	DER4	-0.0522	0.0236	-0.0004	-0.0051	-0.0070	0.0004
NE+6.80	34	DER5	0.0140	0.0736	-0.0005	-0.0137	0.0019	-0.0005
NE+6.80	34	DER6	-0.0164	0.0724	-0.0005	-0.0135	-0.0022	-0.0002
NE+6.80	34	DER7	-0.0175	-0.0632	-0.0003	0.0101	-0.0024	0.0005
NE+6.80	34	DER8	0.0128	-0.0621	-0.0003	0.0100	0.0017	0.0001

NE+3.45	18	DER15	-0.0066	-0.0241	-0.0003	0.0080	-0.0019	0.0001
NE+3.45	18	DER16	0.0064	-0.0246	-0.0003	0.0081	0.0018	0.0000
NE+3.45	19	DER1	0.0212	0.0086	-0.0002	-0.0046	0.0059	-0.0001
NE+3.45	19	DER2	0.0213	-0.0067	-0.0002	0.0014	0.0060	-0.0001
NE+3.45	19	DER3	-0.0222	-0.0045	-0.0003	0.0007	-0.0064	0.0001
NE+3.45	19	DER4	-0.0223	0.0108	-0.0002	-0.0053	-0.0064	0.0001
NE+3.45	19	DER5	0.0058	0.0272	-0.0002	-0.0119	0.0016	-0.0001
NE+3.45	19	DER6	-0.0072	0.0278	-0.0002	-0.0121	-0.0021	0.0000
NE+3.45	19	DER7	-0.0068	-0.0230	-0.0003	0.0079	-0.0020	0.0001
NE+3.45	19	DER8	0.0063	-0.0237	-0.0003	0.0082	0.0017	0.0000
NE+3.45	19	DER9	0.0214	0.0078	-0.0002	-0.0041	0.0060	-0.0001
NE+3.45	19	DER10	0.0215	-0.0074	-0.0002	0.0019	0.0060	-0.0001
NE+3.45	19	DER11	-0.0220	-0.0052	-0.0002	0.0012	-0.0063	0.0001
NE+3.45	19	DER12	-0.0221	0.0101	-0.0002	-0.0048	-0.0064	0.0001
NE+3.45	19	DER13	0.0060	0.0264	-0.0002	-0.0114	0.0016	-0.0001
NE+3.45	19	DER14	-0.0071	0.0271	-0.0002	-0.0116	-0.0021	0.0000
NE+3.45	19	DER15	-0.0066	-0.0238	-0.0002	0.0084	-0.0019	0.0001
NE+3.45	19	DER16	0.0064	-0.0245	-0.0002	0.0086	0.0018	0.0000

NE+3.45	41	DER7	-0.0075	-0.0227	-0.0001	0.0069	-0.0028	0.0001
NE+3.45	41	DER8	0.0060	-0.0236	-0.0002	0.0071	0.0018	0.0000
NE+3.45	41	DER9	0.0221	0.0074	-0.0003	-0.0030	0.0072	-0.0001
NE+3.45	41	DER10	0.0220	-0.0077	-0.0003	0.0020	0.0072	-0.0001
NE+3.45	41	DER11	-0.0229	-0.0048	-0.0001	0.0013	-0.0079	0.0001
NE+3.45	41	DER12	-0.0228	0.0104	-0.0002	-0.0037	-0.0079	0.0001
NE+3.45	41	DER13	0.0066	0.0261	-0.0004	-0.0092	0.0020	-0.0001
NE+3.45	41	DER14	-0.0069	0.0270	-0.0003	-0.0094	-0.0025	0.0000
NE+3.45	41	DER15	-0.0073	-0.0234	-0.0001	0.0075	-0.0027	0.0001
NE+3.45	41	DER16	0.0062	-0.0243	-0.0001	0.0077	0.0018	0.0000

2.4 VERIFICACIÓN DE DERIVAS UMBRAL DE DAÑO

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	12	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.36
NE+3.45	12	DER1	0.004	0.004	-0.002	3.45	0.014	OK	-0.15
NE+6.80	12	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.24
NE+3.45	12	DER2	0.004	0.001	-0.006	3.45	0.014	OK	-0.41
NE+6.80	12	DER3	-0.012	0.000	0.005	3.35	0.013	OK	0.38
NE+3.45	12	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.50
NE+6.80	12	DER4	-0.012	0.008	0.006	3.35	0.013	OK	0.46
NE+3.45	12	DER4	-0.005	0.003	-0.009	3.45	0.014	OK	-0.65
NE+6.80	12	DER5	0.001	0.019	0.008	3.35	0.013	OK	0.57
NE+3.45	12	DER5	0.001	0.008	-0.008	3.45	0.014	OK	-0.58
NE+6.80	12	DER6	-0.005	0.019	0.008	3.35	0.013	OK	0.59
NE+3.45	12	DER6	-0.002	0.008	-0.002	3.45	0.014	OK	-0.16
NE+6.80	12	DER7	-0.005	-0.010	0.005	3.35	0.013	OK	0.35
NE+3.45	12	DER7	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.27
NE+6.80	12	DER8	0.001	-0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	12	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.40
NE+6.80	12	DER9	0.009	0.008	0.004	3.35	0.013	OK	0.33
NE+3.45	12	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	12	DER10	0.009	-0.001	0.003	3.35	0.013	OK	0.25
NE+3.45	12	DER10	0.004	0.000	-0.005	3.45	0.014	OK	-0.39
NE+6.80	12	DER11	-0.012	-0.002	0.005	3.35	0.013	OK	0.36
NE+3.45	12	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.43
NE+6.80	12	DER12	-0.012	0.007	0.006	3.35	0.013	OK	0.42
NE+3.45	12	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.59
NE+6.80	12	DER13	0.002	0.017	0.007	3.35	0.013	OK	0.53
NE+3.45	12	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.53
NE+6.80	12	DER14	-0.005	0.017	0.007	3.35	0.013	OK	0.54
NE+3.45	12	DER14	-0.002	0.007	-0.004	3.45	0.014	OK	-0.27
NE+6.80	12	DER15	-0.005	-0.012	0.005	3.35	0.013	OK	0.38
NE+3.45	12	DER15	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.32
NE+6.80	12	DER16	0.002	-0.011	0.005	3.35	0.013	OK	0.35
NE+3.45	12	DER16	0.001	-0.005	0.003	3.45	0.014	OK	0.23

0.593

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	13	DER1	0.009	0.010	0.005	3.35	0.013	OK	0.39
NE+3.45	13	DER1	0.004	0.004	-0.002	3.45	0.014	OK	-0.16
NE+6.80	13	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.24
NE+3.45	13	DER2	0.004	0.001	-0.006	3.45	0.014	OK	-0.40
NE+6.80	13	DER3	-0.012	0.000	0.005	3.35	0.013	OK	0.37
NE+3.45	13	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.52
NE+6.80	13	DER4	-0.012	0.009	0.006	3.35	0.013	OK	0.48
NE+3.45	13	DER4	-0.005	0.003	-0.010	3.45	0.014	OK	-0.69
NE+6.80	13	DER5	0.001	0.020	0.008	3.35	0.013	OK	0.63
NE+3.45	13	DER5	0.001	0.008	-0.009	3.45	0.014	OK	-0.63
NE+6.80	13	DER6	-0.005	0.020	0.009	3.35	0.013	OK	0.64
NE+3.45	13	DER6	-0.002	0.008	-0.002	3.45	0.014	OK	-0.14
NE+6.80	13	DER7	-0.005	-0.010	0.005	3.35	0.013	OK	0.34
NE+3.45	13	DER7	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.26
NE+6.80	13	DER8	0.002	-0.009	0.004	3.35	0.013	OK	0.29
NE+3.45	13	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.41
NE+6.80	13	DER9	0.009	0.008	0.005	3.35	0.013	OK	0.35
NE+3.45	13	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	13	DER10	0.009	-0.001	0.003	3.35	0.013	OK	0.25
NE+3.45	13	DER10	0.004	0.000	-0.005	3.45	0.014	OK	-0.39
NE+6.80	13	DER11	-0.012	-0.002	0.005	3.35	0.013	OK	0.36
NE+3.45	13	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.45
NE+6.80	13	DER12	-0.012	0.007	0.006	3.35	0.013	OK	0.43
NE+3.45	13	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.61
NE+6.80	13	DER13	0.002	0.018	0.007	3.35	0.013	OK	0.56
NE+3.45	13	DER13	0.001	0.007	-0.008	3.45	0.014	OK	-0.56
NE+6.80	13	DER14	-0.005	0.018	0.008	3.35	0.013	OK	0.58
NE+3.45	13	DER14	-0.002	0.007	-0.004	3.45	0.014	OK	-0.26
NE+6.80	13	DER15	-0.004	-0.011	0.005	3.35	0.013	OK	0.38
NE+3.45	13	DER15	-0.002	-0.005	-0.005	3.45	0.014	OK	-0.33
NE+6.80	13	DER16	0.002	-0.011	0.005	3.35	0.013	OK	0.36
NE+3.45	13	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.23

0.644

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	14	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.36
NE+3.45	14	DER1	0.004	0.004	-0.002	3.45	0.014	OK	-0.17
NE+6.80	14	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.24
NE+3.45	14	DER2	0.004	0.000	-0.006	3.45	0.014	OK	-0.41
NE+6.80	14	DER3	-0.012	0.001	0.005	3.35	0.013	OK	0.37
NE+3.45	14	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.50
NE+6.80	14	DER4	-0.012	0.009	0.006	3.35	0.013	OK	0.46
NE+3.45	14	DER4	-0.005	0.004	-0.008	3.45	0.014	OK	-0.61
NE+6.80	14	DER5	0.001	0.018	0.007	3.35	0.013	OK	0.54
NE+3.45	14	DER5	0.001	0.008	-0.008	3.45	0.014	OK	-0.55
NE+6.80	14	DER6	-0.005	0.018	0.008	3.35	0.013	OK	0.56
NE+3.45	14	DER6	-0.002	0.008	-0.001	3.45	0.014	OK	-0.10
NE+6.80	14	DER7	-0.005	-0.009	0.004	3.35	0.013	OK	0.29
NE+3.45	14	DER7	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.22
NE+6.80	14	DER8	0.002	-0.008	0.003	3.35	0.013	OK	0.25
NE+3.45	14	DER8	0.001	-0.004	-0.005	3.45	0.014	OK	-0.40
NE+6.80	14	DER9	0.009	0.007	0.004	3.35	0.013	OK	0.33
NE+3.45	14	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	14	DER10	0.009	-0.001	0.003	3.35	0.013	OK	0.25
NE+3.45	14	DER10	0.004	0.000	-0.005	3.45	0.014	OK	-0.38
NE+6.80	14	DER11	-0.012	-0.001	0.005	3.35	0.013	OK	0.36
NE+3.45	14	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.43
NE+6.80	14	DER12	-0.012	0.007	0.006	3.35	0.013	OK	0.41
NE+3.45	14	DER12	-0.005	0.003	-0.007	3.45	0.014	OK	-0.54
NE+6.80	14	DER13	0.002	0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	14	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.50
NE+6.80	14	DER14	-0.005	0.016	0.007	3.35	0.013	OK	0.51
NE+3.45	14	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.22
NE+6.80	14	DER15	-0.004	-0.010	0.005	3.35	0.013	OK	0.34
NE+3.45	14	DER15	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.28
NE+6.80	14	DER16	0.002	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	14	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.23

0.562

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	15	DER1	0.009	0.010	0.005	3.35	0.013	OK	0.39
NE+3.45	15	DER1	0.004	0.004	-0.002	3.45	0.014	OK	-0.17
NE+6.80	15	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.24
NE+3.45	15	DER2	0.004	0.000	-0.006	3.45	0.014	OK	-0.40
NE+6.80	15	DER3	-0.012	0.001	0.005	3.35	0.013	OK	0.37
NE+3.45	15	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.52
NE+6.80	15	DER4	-0.012	0.009	0.006	3.35	0.013	OK	0.48
NE+3.45	15	DER4	-0.005	0.004	-0.009	3.45	0.014	OK	-0.66
NE+6.80	15	DER5	0.001	0.019	0.008	3.35	0.013	OK	0.61
NE+3.45	15	DER5	0.001	0.008	-0.009	3.45	0.014	OK	-0.62
NE+6.80	15	DER6	-0.005	0.019	0.008	3.35	0.013	OK	0.63
NE+3.45	15	DER6	-0.002	0.008	-0.001	3.45	0.014	OK	-0.11
NE+6.80	15	DER7	-0.005	-0.009	0.004	3.35	0.013	OK	0.31
NE+3.45	15	DER7	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.24
NE+6.80	15	DER8	0.002	-0.009	0.004	3.35	0.013	OK	0.27
NE+3.45	15	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.41
NE+6.80	15	DER9	0.009	0.008	0.005	3.35	0.013	OK	0.35
NE+3.45	15	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.20
NE+6.80	15	DER10	0.009	-0.001	0.003	3.35	0.013	OK	0.25
NE+3.45	15	DER10	0.004	0.000	-0.005	3.45	0.014	OK	-0.38
NE+6.80	15	DER11	-0.012	-0.001	0.005	3.35	0.013	OK	0.36
NE+3.45	15	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.45
NE+6.80	15	DER12	-0.012	0.007	0.006	3.35	0.013	OK	0.43
NE+3.45	15	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.59
NE+6.80	15	DER13	0.002	0.017	0.007	3.35	0.013	OK	0.54
NE+3.45	15	DER13	0.001	0.007	-0.008	3.45	0.014	OK	-0.55
NE+6.80	15	DER14	-0.005	0.017	0.008	3.35	0.013	OK	0.56
NE+3.45	15	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.23
NE+6.80	15	DER15	-0.004	-0.011	0.005	3.35	0.013	OK	0.36
NE+3.45	15	DER15	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.31
NE+6.80	15	DER16	0.002	-0.011	0.004	3.35	0.013	OK	0.33
NE+3.45	15	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.23

0.632

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	16	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.36
NE+3.45	16	DER1	0.004	0.004	-0.002	3.45	0.014	OK	-0.17
NE+6.80	16	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.24
NE+3.45	16	DER2	0.004	0.000	-0.006	3.45	0.014	OK	-0.40
NE+6.80	16	DER3	-0.012	0.001	0.005	3.35	0.013	OK	0.37
NE+3.45	16	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.50
NE+6.80	16	DER4	-0.012	0.009	0.006	3.35	0.013	OK	0.46
NE+3.45	16	DER4	-0.005	0.004	-0.008	3.45	0.014	OK	-0.59
NE+6.80	16	DER5	0.001	0.018	0.007	3.35	0.013	OK	0.54
NE+3.45	16	DER5	0.001	0.008	-0.008	3.45	0.014	OK	-0.55
NE+6.80	16	DER6	-0.005	0.018	0.008	3.35	0.013	OK	0.56
NE+3.45	16	DER6	-0.002	0.008	-0.001	3.45	0.014	OK	-0.08
NE+6.80	16	DER7	-0.005	-0.008	0.004	3.35	0.013	OK	0.28
NE+3.45	16	DER7	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.21
NE+6.80	16	DER8	0.002	-0.008	0.003	3.35	0.013	OK	0.24
NE+3.45	16	DER8	0.001	-0.004	-0.005	3.45	0.014	OK	-0.39
NE+6.80	16	DER9	0.009	0.007	0.004	3.35	0.013	OK	0.33
NE+3.45	16	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.20
NE+6.80	16	DER10	0.009	-0.001	0.003	3.35	0.013	OK	0.25
NE+3.45	16	DER10	0.004	0.000	-0.005	3.45	0.014	OK	-0.38
NE+6.80	16	DER11	-0.012	-0.001	0.005	3.35	0.013	OK	0.35
NE+3.45	16	DER11	-0.005	0.000	-0.006	3.45	0.014	OK	-0.44
NE+6.80	16	DER12	-0.012	0.007	0.006	3.35	0.013	OK	0.41
NE+3.45	16	DER12	-0.005	0.003	-0.007	3.45	0.014	OK	-0.52
NE+6.80	16	DER13	0.002	0.016	0.006	3.35	0.013	OK	0.48
NE+3.45	16	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.50
NE+6.80	16	DER14	-0.005	0.016	0.007	3.35	0.013	OK	0.50
NE+3.45	16	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.20
NE+6.80	16	DER15	-0.004	-0.010	0.004	3.35	0.013	OK	0.33
NE+3.45	16	DER15	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.28
NE+6.80	16	DER16	0.002	-0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	16	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.23

0.562

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	17	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.38
NE+3.45	17	DER1	0.004	0.004	-0.002	3.45	0.014	OK	-0.17
NE+6.80	17	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.24
NE+3.45	17	DER2	0.004	0.000	-0.006	3.45	0.014	OK	-0.40
NE+6.80	17	DER3	-0.012	0.001	0.005	3.35	0.013	OK	0.37
NE+3.45	17	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.53
NE+6.80	17	DER4	-0.012	0.010	0.006	3.35	0.013	OK	0.48
NE+3.45	17	DER4	-0.005	0.004	-0.009	3.45	0.014	OK	-0.65
NE+6.80	17	DER5	0.001	0.019	0.008	3.35	0.013	OK	0.61
NE+3.45	17	DER5	0.001	0.008	-0.009	3.45	0.014	OK	-0.62
NE+6.80	17	DER6	-0.005	0.019	0.008	3.35	0.013	OK	0.63
NE+3.45	17	DER6	-0.002	0.008	-0.001	3.45	0.014	OK	-0.09
NE+6.80	17	DER7	-0.005	-0.008	0.004	3.35	0.013	OK	0.30
NE+3.45	17	DER7	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.24
NE+6.80	17	DER8	0.002	-0.009	0.004	3.35	0.013	OK	0.26
NE+3.45	17	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.41
NE+6.80	17	DER9	0.009	0.007	0.005	3.35	0.013	OK	0.34
NE+3.45	17	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.20
NE+6.80	17	DER10	0.009	-0.001	0.003	3.35	0.013	OK	0.25
NE+3.45	17	DER10	0.004	-0.001	-0.005	3.45	0.014	OK	-0.37
NE+6.80	17	DER11	-0.012	-0.001	0.005	3.35	0.013	OK	0.35
NE+3.45	17	DER11	-0.005	0.000	-0.006	3.45	0.014	OK	-0.46
NE+6.80	17	DER12	-0.012	0.008	0.006	3.35	0.013	OK	0.43
NE+3.45	17	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.58
NE+6.80	17	DER13	0.002	0.017	0.007	3.35	0.013	OK	0.54
NE+3.45	17	DER13	0.001	0.007	-0.008	3.45	0.014	OK	-0.55
NE+6.80	17	DER14	-0.005	0.017	0.008	3.35	0.013	OK	0.56
NE+3.45	17	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.22
NE+6.80	17	DER15	-0.004	-0.011	0.005	3.35	0.013	OK	0.36
NE+3.45	17	DER15	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.31
NE+6.80	17	DER16	0.002	-0.011	0.004	3.35	0.013	OK	0.33
NE+3.45	17	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.23

0.627

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	18	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.35
NE+3.45	18	DER1	0.004	0.004	-0.002	3.45	0.014	OK	-0.18
NE+6.80	18	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.24
NE+3.45	18	DER2	0.004	0.000	-0.006	3.45	0.014	OK	-0.40
NE+6.80	18	DER3	-0.012	0.001	0.005	3.35	0.013	OK	0.37
NE+3.45	18	DER3	-0.005	0.001	-0.007	3.45	0.014	OK	-0.51
NE+6.80	18	DER4	-0.012	0.009	0.006	3.35	0.013	OK	0.46
NE+3.45	18	DER4	-0.005	0.004	-0.008	3.45	0.014	OK	-0.58
NE+6.80	18	DER5	0.001	0.018	0.007	3.35	0.013	OK	0.53
NE+3.45	18	DER5	0.001	0.008	-0.008	3.45	0.014	OK	-0.55

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	19	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.39
NE+3.45	19	DER1	0.004	0.003	-0.002	3.45	0.014	OK	-0.18
NE+6.80	19	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.24
NE+3.45	19	DER2	0.004	0.000	-0.006	3.45	0.014	OK	-0.41
NE+6.80	19	DER3	-0.012	0.002	0.005	3.35	0.013	OK	0.37
NE+3.45	19	DER3	-0.005	0.001	-0.007	3.45	0.014	OK	-0.54
NE+6.80	19	DER4	-0.012	0.010	0.007	3.35	0.013	OK	0.49
NE+3.45	19	DER4	-0.005	0.004	-0.009	3.45	0.014	OK	-0.64
NE+6.80	19	DER5	0.001	0.019	0.008	3.35	0.013	OK	0.61
NE+3.45	19	DER5	0.001	0.007	-0.009	3.45	0.014	OK	-0.63

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	20	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.37
NE+3.45	20	DER1	0.004	0.003	-0.003	3.45	0.014	OK	-0.18
NE+6.80	20	DER2	0.009	0.002	0.003	3.35	0.013	OK	0.25
NE+3.45	20	DER2	0.004	0.000	-0.006	3.45	0.014	OK	-0.42
NE+6.80	20	DER3	-0.012	0.003	0.005	3.35	0.013	OK	0.38
NE+3.45	20	DER3	-0.005	0.001	-0.007	3.45	0.014	OK	-0.54
NE+6.80	20	DER4	-0.012	0.010	0.006	3.35	0.013	OK	0.48
NE+3.45	20	DER4	-0.005	0.004	-0.008	3.45	0.014	OK	-0.57
NE+6.80	20	DER5	0.001	0.018	0.007	3.35	0.013	OK	0.54
NE+3.45	20	DER5	0.001	0.007	-0.008	3.45	0.014	OK	-0.57

NE+6.80	18	DER6	-0.005	0.018	0.007	3.35	0.013	OK	0.56
NE+3.45	18	DER6	-0.002	0.008	-0.001	3.45	0.014	OK	-0.06
NE+6.80	18	DER7	-0.005	-0.008	0.004	3.35	0.013	OK	0.27
NE+3.45	18	DER7	-0.002	-0.003	-0.003	3.45	0.014	OK	-0.21
NE+6.80	18	DER8	0.002	-0.008	0.003	3.35	0.013	OK	0.23
NE+3.45	18	DER8	0.001	-0.004	-0.005	3.45	0.014	OK	-0.39
NE+6.80	18	DER9	0.009	0.007	0.004	3.35	0.013	OK	0.32
NE+3.45	18	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.20
NE+6.80	18	DER10	0.009	-0.001	0.003	3.35	0.013	OK	0.25
NE+3.45	18	DER10	0.004	-0.001	-0.005	3.45	0.014	OK	-0.37
NE+6.80	18	DER11	-0.012	-0.001	0.005	3.35	0.013	OK	0.35
NE+3.45	18	DER11	-0.005	0.000	-0.006	3.45	0.014	OK	-0.45
NE+6.80	18	DER12	-0.012	0.007	0.006	3.35	0.013	OK	0.41
NE+3.45	18	DER12	-0.005	0.003	-0.007	3.45	0.014	OK	-0.51
NE+6.80	18	DER13	0.002	0.016	0.006	3.35	0.013	OK	0.48
NE+3.45	18	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.50
NE+6.80	18	DER14	-0.005	0.016	0.007	3.35	0.013	OK	0.50
NE+3.45	18	DER14	-0.002	0.007	-0.002	3.45	0.014	OK	-0.18
NE+6.80	18	DER15	-0.004	-0.010	0.004	3.35	0.013	OK	0.32
NE+3.45	18	DER15	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.28
NE+6.80	18	DER16	0.002	-0.010	0.004	3.35	0.013	OK	0.29
NE+3.45	18	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.22

0.557

NE+6.80	19	DER6	-0.005	0.019	0.008	3.35	0.013	OK	0.63
NE+3.45	19	DER6	-0.002	0.008	-0.001	3.45	0.014	OK	-0.06
NE+6.80	19	DER7	-0.005	-0.008	0.004	3.35	0.013	OK	0.27
NE+3.45	19	DER7	-0.002	-0.003	-0.003	3.45	0.014	OK	-0.22
NE+6.80	19	DER8	0.002	-0.008	0.003	3.35	0.013	OK	0.24
NE+3.45	19	DER8	0.001	-0.003	-0.006	3.45	0.014	OK	-0.40
NE+6.80	19	DER9	0.009	0.007	0.005	3.35	0.013	OK	0.34
NE+3.45	19	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.21
NE+6.80	19	DER10	0.009	-0.001	0.003	3.35	0.013	OK	0.25
NE+3.45	19	DER10	0.004	-0.001	-0.005	3.45	0.014	OK	-0.37
NE+6.80	19	DER11	-0.012	0.000	0.005	3.35	0.013	OK	0.35
NE+3.45	19	DER11	-0.005	0.000	-0.007	3.45	0.014	OK	-0.47
NE+6.80	19	DER12	-0.012	0.008	0.006	3.35	0.013	OK	0.44
NE+3.45	19	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.57
NE+6.80	19	DER13	0.002	0.017	0.007	3.35	0.013	OK	0.54
NE+3.45	19	DER13	0.001	0.007	-0.008	3.45	0.014	OK	-0.56
NE+6.80	19	DER14	-0.005	0.017	0.008	3.35	0.013	OK	0.56
NE+3.45	19	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.18
NE+6.80	19	DER15	-0.004	-0.010	0.004	3.35	0.013	OK	0.33
NE+3.45	19	DER15	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.30
NE+6.80	19	DER16	0.002	-0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	19	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.22

0.627

NE+6.80	20	DER6	-0.005	0.018	0.008	3.35	0.013	OK	0.57
NE+3.45	20	DER6	-0.002	0.008	0.000	3.45	0.014	OK	0.01
NE+6.80	20	DER7	-0.005	-0.006	0.003	3.35	0.013	OK	0.21
NE+3.45	20	DER7	-0.002	-0.003	-0.002	3.45	0.014	OK	-0.15
NE+6.80	20	DER8	0.002	-0.006	0.002	3.35	0.013	OK	0.16
NE+3.45	20	DER8	0.001	-0.003	-0.006	3.45	0.014	OK	-0.40
NE+6.80	20	DER9	0.009	0.007	0.005	3.35	0.013	OK	0.34
NE+3.45	20	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.21
NE+6.80	20	DER10	0.009	0.000	0.003	3.35	0.013	OK	0.25
NE+3.45	20	DER10	0.004	-0.001	-0.005	3.45	0.014	OK	-0.38
NE+6.80	20	DER11	-0.012	0.001	0.005	3.35	0.013	OK	0.36
NE+3.45	20	DER11	-0.005	0.000	-0.007	3.45	0.014	OK	-0.47
NE+6.80	20	DER12	-0.012	0.008	0.006	3.35	0.013	OK	0.43
NE+3.45	20	DER12	-0.005	0.003	-0.007	3.45	0.014	OK	-0.51
NE+6.80	20	DER13	0.002	0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	20	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.52
NE+6.80	20	DER14	-0.005	0.016	0.007	3.35	0.013	OK	0.51
NE+3.45	20	DER14	-0.002	0.007	-0.001	3.45	0.014	OK	-0.10
NE+6.80	20	DER15	-0.004	-0.008	0.003	3.35	0.013	OK	0.25
NE+3.45	20	DER15	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.21
NE+6.80	20	DER16	0.002	-0.008	0.003	3.35	0.013	OK	0.22
NE+3.45	20	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.22

0.567

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	22	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.37
NE+3.45	22	DER1	0.004	0.004	-0.002	3.45	0.014	OK	-0.15
NE+6.80	22	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.24
NE+3.45	22	DER2	0.004	0.001	-0.006	3.45	0.014	OK	-0.46
NE+6.80	22	DER3	-0.013	0.000	0.006	3.35	0.013	OK	0.42
NE+3.45	22	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.53
NE+6.80	22	DER4	-0.013	0.008	0.007	3.35	0.013	OK	0.49
NE+3.45	22	DER4	-0.005	0.003	-0.009	3.45	0.014	OK	-0.64
NE+6.80	22	DER5	0.001	0.019	0.008	3.35	0.013	OK	0.57
NE+3.45	22	DER5	0.001	0.008	-0.008	3.45	0.014	OK	-0.58
NE+6.80	22	DER6	-0.006	0.019	0.008	3.35	0.013	OK	0.60
NE+3.45	22	DER6	-0.002	0.008	-0.002	3.45	0.014	OK	-0.17
NE+6.80	22	DER7	-0.006	-0.010	0.005	3.35	0.013	OK	0.36
NE+3.45	22	DER7	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.27
NE+6.80	22	DER8	0.001	-0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	22	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.42
NE+6.80	22	DER9	0.009	0.008	0.005	3.35	0.013	OK	0.34
NE+3.45	22	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.20
NE+6.80	22	DER10	0.009	-0.001	0.003	3.35	0.013	OK	0.26
NE+3.45	22	DER10	0.004	0.000	-0.006	3.45	0.014	OK	-0.43
NE+6.80	22	DER11	-0.013	-0.002	0.005	3.35	0.013	OK	0.40
NE+3.45	22	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.46
NE+6.80	22	DER12	-0.013	0.007	0.006	3.35	0.013	OK	0.45
NE+3.45	22	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.58
NE+6.80	22	DER13	0.002	0.017	0.007	3.35	0.013	OK	0.53
NE+3.45	22	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.53
NE+6.80	22	DER14	-0.005	0.017	0.007	3.35	0.013	OK	0.55
NE+3.45	22	DER14	-0.002	0.007	-0.004	3.45	0.014	OK	-0.28
NE+6.80	22	DER15	-0.005	-0.012	0.005	3.35	0.013	OK	0.39
NE+3.45	22	DER15	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.32
NE+6.80	22	DER16	0.002	-0.011	0.005	3.35	0.013	OK	0.35
NE+3.45	22	DER16	0.001	-0.005	0.003	3.45	0.014	OK	0.23

0.599

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	24	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.37
NE+3.45	24	DER1	0.004	0.004	-0.002	3.45	0.014	OK	-0.16
NE+6.80	24	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.24
NE+3.45	24	DER2	0.004	0.000	-0.006	3.45	0.014	OK	-0.45
NE+6.80	24	DER3	-0.013	0.001	0.006	3.35	0.013	OK	0.41
NE+3.45	24	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.53
NE+6.80	24	DER4	-0.013	0.009	0.007	3.35	0.013	OK	0.49
NE+3.45	24	DER4	-0.005	0.004	-0.008	3.45	0.014	OK	-0.60
NE+6.80	24	DER5	0.001	0.018	0.007	3.35	0.013	OK	0.54
NE+3.45	24	DER5	0.001	0.008	-0.008	3.45	0.014	OK	-0.56
NE+6.80	24	DER6	-0.005	0.018	0.008	3.35	0.013	OK	0.57
NE+3.45	24	DER6	-0.002	0.008	-0.002	3.45	0.014	OK	-0.11
NE+6.80	24	DER7	-0.005	-0.009	0.004	3.35	0.013	OK	0.31
NE+3.45	24	DER7	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.21
NE+6.80	24	DER8	0.001	-0.008	0.003	3.35	0.013	OK	0.24
NE+3.45	24	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.41
NE+6.80	24	DER9	0.009	0.007	0.004	3.35	0.013	OK	0.33
NE+3.45	24	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.20
NE+6.80	24	DER10	0.009	-0.001	0.003	3.35	0.013	OK	0.26
NE+3.45	24	DER10	0.004	0.000	-0.006	3.45	0.014	OK	-0.42
NE+6.80	24	DER11	-0.013	-0.001	0.005	3.35	0.013	OK	0.40
NE+3.45	24	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.47
NE+6.80	24	DER12	-0.013	0.007	0.006	3.35	0.013	OK	0.45
NE+3.45	24	DER12	-0.005	0.003	-0.007	3.45	0.014	OK	-0.54
NE+6.80	24	DER13	0.002	0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	24	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.50
NE+6.80	24	DER14	-0.005	0.016	0.007	3.35	0.013	OK	0.51
NE+3.45	24	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.22
NE+6.80	24	DER15	-0.005	-0.010	0.005	3.35	0.013	OK	0.34
NE+3.45	24	DER15	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.27
NE+6.80	24	DER16	0.002	-0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	24	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.23

0.572

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	26	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.36
NE+3.45	26	DER1	0.004	0.004	-0.002	3.45	0.014	OK	-0.17
NE+6.80	26	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.24
NE+3.45	26	DER2	0.004	0.000	-0.006	3.45	0.014	OK	-0.45
NE+6.80	26	DER3	-0.013	0.001	0.006	3.35	0.013	OK	0.41
NE+3.45	26	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.54
NE+6.80	26	DER4	-0.013	0.009	0.007	3.35	0.013	OK	0.49
NE+3.45	26	DER4	-0.005	0.004	-0.008	3.45	0.014	OK	-0.59
NE+6.80	26	DER5	0.001	0.018	0.007	3.35	0.013	OK	0.54
NE+3.45	26	DER5	0.001	0.008	-0.008	3.45	0.014	OK	-0.56
NE+6.80	26	DER6	-0.005	0.018	0.008	3.35	0.013	OK	0.57
NE+3.45	26	DER6	-0.002	0.008	-0.001	3.45	0.014	OK	-0.10
NE+6.80	26	DER7	-0.005	-0.008	0.004	3.35	0.013	OK	0.30
NE+3.45	26	DER7	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.21
NE+6.80	26	DER8	0.001	-0.008	0.003	3.35	0.013	OK	0.23
NE+3.45	26	DER8	0.001	-0.004	-0.005	3.45	0.014	OK	-0.40
NE+6.80	26	DER9	0.009	0.007	0.004	3.35	0.013	OK	0.33
NE+3.45	26	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.20
NE+6.80	26	DER10	0.009	-0.001	0.003	3.35	0.013	OK	0.25
NE+3.45	26	DER10	0.004	0.000	-0.006	3.45	0.014	OK	-0.42
NE+6.80	26	DER11	-0.013	-0.001	0.005	3.35	0.013	OK	0.39
NE+3.45	26	DER11	-0.005	0.000	-0.007	3.45	0.014	OK	-0.47
NE+6.80	26	DER12	-0.013	0.007	0.006	3.35	0.013	OK	0.45
NE+3.45	26	DER12	-0.005	0.003	-0.007	3.45	0.014	OK	-0.52
NE+6.80	26	DER13	0.002	0.016	0.006	3.35	0.013	OK	0.48
NE+3.45	26	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.50
NE+6.80	26	DER14	-0.005	0.016	0.007	3.35	0.013	OK	0.51
NE+3.45	26	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.21
NE+6.80	26	DER15	-0.005	-0.010	0.005	3.35	0.013	OK	0.34
NE+3.45	26	DER15	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.27
NE+6.80	26	DER16	0.002	-0.010	0.004	3.35	0.013	OK	0.29
NE+3.45	26	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.23

0.567

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	28	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.36
NE+3.45	28	DER1	0.004	0.004	-0.002	3.45	0.014	OK	-0.17
NE+6.80	28	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.24
NE+3.45	28	DER2	0.004	0.000	-0.006	3.45	0.014	OK	-0.45
NE+6.80	28	DER3	-0.013	0.001	0.006	3.35	0.013	OK	0.41
NE+3.45	28	DER3	-0.005	0.001	-0.008	3.45	0.014	OK	-0.54
NE+6.80	28	DER4	-0.013	0.009	0.007	3.35	0.013	OK	0.50
NE+3.45	28	DER4	-0.005	0.004	-0.008	3.45	0.014	OK	-0.57
NE+6.80	28	DER5	0.001	0.018	0.007	3.35	0.013	OK	0.53
NE+3.45	28	DER5	0.001	0.008	-0.008	3.45	0.014	OK	-0.57
NE+6.80	28	DER6	-0.005	0.018	0.008	3.35	0.013	OK	0.57
NE+3.45	28	DER6	-0.002	0.008	-0.001	3.45	0.014	OK	-0.08
NE+6.80	28	DER7	-0.006	-0.008	0.004	3.35	0.013	OK	0.29
NE+3.45	28	DER7	-0.002	-0.003	-0.003	3.45	0.014	OK	-0.21
NE+6.80	28	DER8	0.001	-0.008	0.003	3.35	0.013	OK	0.23
NE+3.45	28	DER8	0.001	-0.004	-0.005	3.45	0.014	OK	-0.39
NE+6.80	28	DER9	0.009	0.007	0.004	3.35	0.013	OK	0.32
NE+3.45	28	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.20
NE+6.80	28	DER10	0.009	-0.001	0.003	3.35	0.013	OK	0.25
NE+3.45	28	DER10	0.004	-0.001	-0.006	3.45	0.014	OK	-0.41
NE+6.80	28	DER11	-0.013	0.000	0.005	3.35	0.013	OK	0.39
NE+3.45	28	DER11	-0.005	0.000	-0.007	3.45	0.014	OK	-0.48
NE+6.80	28	DER12	-0.013	0.007	0.006	3.35	0.013	OK	0.45
NE+3.45	28	DER12	-0.005	0.003	-0.007	3.45	0.014	OK	-0.51
NE+6.80	28	DER13	0.002	0.016	0.006	3.35	0.013	OK	0.48
NE+3.45	28	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.51
NE+6.80	28	DER14	-0.005	0.016	0.007	3.35	0.013	OK	0.51
NE+3.45	28	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.19
NE+6.80	28	DER15	-0.005	-0.010	0.004	3.35	0.013	OK	0.33
NE+3.45	28	DER15	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.27
NE+6.80	28	DER16	0.002	-0.010	0.004	3.35	0.013	OK	0.29
NE+3.45	28	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.22

0.567

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	30	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.37
NE+3.45	30	DER1	0.004	0.003	-0.002	3.45	0.014	OK	-0.18
NE+6.80	30	DER2	0.009	0.002	0.003	3.35	0.013	OK	0.24
NE+3.45	30	DER2	0.004	0.000	-0.006	3.45	0.014	OK	-0.47
NE+6.80	30	DER3	-0.013	0.003	0.006	3.35	0.013	OK	0.43
NE+3.45	30	DER3	-0.005	0.001	-0.008	3.45	0.014	OK	-0.57
NE+6.80	30	DER4	-0.013	0.010	0.007	3.35	0.013	OK	0.52
NE+3.45	30	DER4	-0.005	0.004	-0.008	3.45	0.014	OK	-0.57
NE+6.80	30	DER5	0.001	0.018	0.007	3.35	0.013	OK	0.54
NE+3.45	30	DER5	0.001	0.007	-0.008	3.45	0.014	OK	-0.58
NE+6.80	30	DER6	-0.006	0.018	0.008	3.35	0.013	OK	0.57
NE+3.45	30	DER6	-0.002	0.008	0.000	3.45	0.014	OK	-0.02
NE+6.80	30	DER7	-0.006	-0.006	0.003	3.35	0.013	OK	0.23
NE+3.45	30	DER7	-0.002	-0.003	-0.002	3.45	0.014	OK	-0.14
NE+6.80	30	DER8	0.001	-0.006	0.002	3.35	0.013	OK	0.15
NE+3.45	30	DER8	0.001	-0.003	-0.006	3.45	0.014	OK	-0.41
NE+6.80	30	DER9	0.009	0.007	0.005	3.35	0.013	OK	0.34
NE+3.45	30	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.21
NE+6.80	30	DER10	0.009	0.000	0.003	3.35	0.013	OK	0.25
NE+3.45	30	DER10	0.004	-0.001	-0.006	3.45	0.014	OK	-0.42
NE+6.80	30	DER11	-0.013	0.001	0.005	3.35	0.013	OK	0.40
NE+3.45	30	DER11	-0.005	0.000	-0.007	3.45	0.014	OK	-0.51
NE+6.80	30	DER12	-0.013	0.008	0.006	3.35	0.013	OK	0.47
NE+3.45	30	DER12	-0.005	0.003	-0.007	3.45	0.014	OK	-0.50
NE+6.80	30	DER13	0.002	0.016	0.006	3.35	0.013	OK	0.48
NE+3.45	30	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.52
NE+6.80	30	DER14	-0.005	0.016	0.007	3.35	0.013	OK	0.52
NE+3.45	30	DER14	-0.002	0.007	-0.002	3.45	0.014	OK	-0.12
NE+6.80	30	DER15	-0.005	-0.008	0.003	3.35	0.013	OK	0.26
NE+3.45	30	DER15	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.20
NE+6.80	30	DER16	0.002	-0.008	0.003	3.35	0.013	OK	0.21
NE+3.45	30	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.22

0.574

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	33	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.37
NE+3.45	33	DER1	0.004	0.004	-0.002	3.45	0.014	OK	-0.16
NE+6.80	33	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.24
NE+3.45	33	DER2	0.004	0.001	-0.006	3.45	0.014	OK	-0.42
NE+6.80	33	DER3	-0.013	0.000	0.005	3.35	0.013	OK	0.39
NE+3.45	33	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.50
NE+6.80	33	DER4	-0.013	0.008	0.006	3.35	0.013	OK	0.46
NE+3.45	33	DER4	-0.005	0.003	-0.009	3.45	0.014	OK	-0.65
NE+6.80	33	DER5	0.002	0.019	0.008	3.35	0.013	OK	0.58
NE+3.45	33	DER5	0.001	0.008	-0.008	3.45	0.014	OK	-0.58
NE+6.80	33	DER6	-0.005	0.019	0.008	3.35	0.013	OK	0.60
NE+3.45	33	DER6	-0.002	0.008	-0.002	3.45	0.014	OK	-0.16
NE+6.80	33	DER7	-0.005	-0.010	0.005	3.35	0.013	OK	0.35
NE+3.45	33	DER7	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.26
NE+6.80	33	DER8	0.001	-0.009	0.004	3.35	0.013	OK	0.30
NE+3.45	33	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.42
NE+6.80	33	DER9	0.009	0.008	0.005	3.35	0.013	OK	0.35
NE+3.45	33	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.20
NE+6.80	33	DER10	0.009	-0.001	0.003	3.35	0.013	OK	0.26
NE+3.45	33	DER10	0.004	0.000	-0.006	3.45	0.014	OK	-0.41
NE+6.80	33	DER11	-0.012	-0.002	0.005	3.35	0.013	OK	0.37
NE+3.45	33	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.44
NE+6.80	33	DER12	-0.012	0.007	0.006	3.35	0.013	OK	0.43
NE+3.45	33	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.59
NE+6.80	33	DER13	0.002	0.017	0.007	3.35	0.013	OK	0.53
NE+3.45	33	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.53
NE+6.80	33	DER14	-0.005	0.017	0.007	3.35	0.013	OK	0.55
NE+3.45	33	DER14	-0.002	0.007	-0.004	3.45	0.014	OK	-0.27
NE+6.80	33	DER15	-0.005	-0.011	0.005	3.35	0.013	OK	0.38
NE+3.45	33	DER15	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.31
NE+6.80	33	DER16	0.002	-0.011	0.005	3.35	0.013	OK	0.35
NE+3.45	33	DER16	0.001	-0.005	0.003	3.45	0.014	OK	0.23

0.597

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	34	DER1	0.009	0.010	0.005	3.35	0.013	OK	0.40
NE+3.45	34	DER1	0.004	0.004	-0.002	3.45	0.014	OK	-0.17
NE+6.80	34	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.25
NE+3.45	34	DER2	0.004	0.001	-0.006	3.45	0.014	OK	-0.42
NE+6.80	34	DER3	-0.013	0.000	0.005	3.35	0.013	OK	0.38
NE+3.45	34	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.52
NE+6.80	34	DER4	-0.013	0.009	0.006	3.35	0.013	OK	0.48
NE+3.45	34	DER4	-0.005	0.003	-0.009	3.45	0.014	OK	-0.69
NE+6.80	34	DER5	0.002	0.020	0.008	3.35	0.013	OK	0.63
NE+3.45	34	DER5	0.001	0.008	-0.009	3.45	0.014	OK	-0.63
NE+6.80	34	DER6	-0.005	0.020	0.009	3.35	0.013	OK	0.64
NE+3.45	34	DER6	-0.002	0.008	-0.002	3.45	0.014	OK	-0.15

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	35	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.37
NE+3.45	35	DER1	0.004	0.004	-0.002	3.45	0.014	OK	-0.17
NE+6.80	35	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.25
NE+3.45	35	DER2	0.004	0.000	-0.006	3.45	0.014	OK	-0.42
NE+6.80	35	DER3	-0.013	0.001	0.005	3.35	0.013	OK	0.38
NE+3.45	35	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.50
NE+6.80	35	DER4	-0.013	0.009	0.006	3.35	0.013	OK	0.46
NE+3.45	35	DER4	-0.005	0.004	-0.008	3.45	0.014	OK	-0.60
NE+6.80	35	DER5	0.002	0.018	0.007	3.35	0.013	OK	0.55
NE+3.45	35	DER5	0.001	0.008	-0.008	3.45	0.014	OK	-0.56
NE+6.80	35	DER6	-0.005	0.018	0.008	3.35	0.013	OK	0.57
NE+3.45	35	DER6	-0.002	0.008	-0.001	3.45	0.014	OK	-0.10

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	36	DER1	0.009	0.010	0.005	3.35	0.013	OK	0.40
NE+3.45	36	DER1	0.004	0.004	-0.002	3.45	0.014	OK	-0.17
NE+6.80	36	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.25
NE+3.45	36	DER2	0.004	0.000	-0.006	3.45	0.014	OK	-0.42
NE+6.80	36	DER3	-0.013	0.001	0.005	3.35	0.013	OK	0.38
NE+3.45	36	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.52
NE+6.80	36	DER4	-0.012	0.009	0.006	3.35	0.013	OK	0.48
NE+3.45	36	DER4	-0.005	0.004	-0.009	3.45	0.014	OK	-0.66
NE+6.80	36	DER5	0.002	0.019	0.008	3.35	0.013	OK	0.62
NE+3.45	36	DER5	0.001	0.008	-0.009	3.45	0.014	OK	-0.62
NE+6.80	36	DER6	-0.005	0.019	0.008	3.35	0.013	OK	0.63
NE+3.45	36	DER6	-0.002	0.008	-0.002	3.45	0.014	OK	-0.11

NE+6.80	34	DER7	-0.005	-0.009	0.004	3.45	0.013	OK	0.33
NE+3.45	34	DER7	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.25
NE+6.80	34	DER8	0.001	-0.009	0.004	3.35	0.013	OK	0.29
NE+3.45	34	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.43
NE+6.80	34	DER9	0.009	0.008	0.005	3.35	0.013	OK	0.36
NE+3.45	34	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.21
NE+6.80	34	DER10	0.009	-0.001	0.004	3.35	0.013	OK	0.26
NE+3.45	34	DER10	0.004	0.000	-0.006	3.45	0.014	OK	-0.40
NE+6.80	34	DER11	-0.012	-0.002	0.005	3.35	0.013	OK	0.37
NE+3.45	34	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.45
NE+6.80	34	DER12	-0.012	0.007	0.006	3.35	0.013	OK	0.43
NE+3.45	34	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.62
NE+6.80	34	DER13	0.002	0.018	0.008	3.35	0.013	OK	0.57
NE+3.45	34	DER13	0.001	0.007	-0.008	3.45	0.014	OK	-0.56
NE+6.80	34	DER14	-0.005	0.018	0.008	3.35	0.013	OK	0.58
NE+3.45	34	DER14	-0.002	0.007	-0.004	3.45	0.014	OK	-0.27
NE+6.80	34	DER15	-0.005	-0.011	0.005	3.35	0.013	OK	0.38
NE+3.45	34	DER15	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.32
NE+6.80	34	DER16	0.002	-0.011	0.005	3.35	0.013	OK	0.35
NE+3.45	34	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.23

0.641

NE+6.80	35	DER7	-0.005	-0.008	0.004	3.35	0.013	OK	0.29
NE+3.45	35	DER7	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.21
NE+6.80	35	DER8	0.001	-0.008	0.003	3.35	0.013	OK	0.24
NE+3.45	35	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.42
NE+6.80	35	DER9	0.010	0.007	0.005	3.35	0.013	OK	0.34
NE+3.45	35	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.21
NE+6.80	35	DER10	0.009	-0.001	0.004	3.35	0.013	OK	0.26
NE+3.45	35	DER10	0.004	0.000	-0.005	3.45	0.014	OK	-0.40
NE+6.80	35	DER11	-0.012	-0.001	0.005	3.35	0.013	OK	0.37
NE+3.45	35	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.44
NE+6.80	35	DER12	-0.012	0.007	0.006	3.35	0.013	OK	0.42
NE+3.45	35	DER12	-0.005	0.003	-0.007	3.45	0.014	OK	-0.54
NE+6.80	35	DER13	0.002	0.016	0.007	3.35	0.013	OK	0.50
NE+3.45	35	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.50
NE+6.80	35	DER14	-0.005	0.016	0.007	3.35	0.013	OK	0.51
NE+3.45	35	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.22
NE+6.80	35	DER15	-0.005	-0.010	0.005	3.35	0.013	OK	0.34
NE+3.45	35	DER15	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.27
NE+6.80	35	DER16	0.002	-0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	35	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.23

0.569

NE+6.80	36	DER7	-0.005	-0.009	0.004	3.35	0.013	OK	0.30
NE+3.45	36	DER7	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.23
NE+6.80	36	DER8	0.001	-0.009	0.004	3.35	0.013	OK	0.27
NE+3.45	36	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.43
NE+6.80	36	DER9	0.010	0.008	0.005	3.35	0.013	OK	0.36
NE+3.45	36	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.21
NE+6.80	36	DER10	0.009	-0.001	0.004	3.35	0.013	OK	0.26
NE+3.45	36	DER10	0.004	0.000	-0.005	3.45	0.014	OK	-0.39
NE+6.80	36	DER11	-0.012	-0.001	0.005	3.35	0.013	OK	0.36
NE+3.45	36	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.45
NE+6.80	36	DER12	-0.012	0.007	0.006	3.35	0.013	OK	0.43
NE+3.45	36	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.59
NE+6.80	36	DER13	0.002	0.017	0.007	3.35	0.013	OK	0.55
NE+3.45	36	DER13	0.001	0.007	-0.008	3.45	0.014	OK	-0.55
NE+6.80	36	DER14	-0.004	0.017	0.008	3.35	0.013	OK	0.57
NE+3.45	36	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.24
NE+6.80	36	DER15	-0.005	-0.011	0.005	3.35	0.013	OK	0.36
NE+3.45	36	DER15	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.31
NE+6.80	36	DER16	0.002	-0.011	0.004	3.35	0.013	OK	0.33
NE+3.45	36	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.23

0.630

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	37	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.37
NE+3.45	37	DER1	0.004	0.004	-0.002	3.45	0.014	OK	-0.17
NE+6.80	37	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.25
NE+3.45	37	DER2	0.004	0.000	-0.006	3.45	0.014	OK	-0.42
NE+6.80	37	DER3	-0.013	0.001	0.005	3.35	0.013	OK	0.38
NE+3.45	37	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.50
NE+6.80	37	DER4	-0.012	0.009	0.006	3.35	0.013	OK	0.46
NE+3.45	37	DER4	-0.005	0.004	-0.008	3.45	0.014	OK	-0.59
NE+6.80	37	DER5	0.002	0.018	0.007	3.35	0.013	OK	0.54
NE+3.45	37	DER5	0.001	0.008	-0.008	3.45	0.014	OK	-0.56
NE+6.80	37	DER6	-0.005	0.018	0.008	3.35	0.013	OK	0.56
NE+3.45	37	DER6	-0.002	0.008	-0.001	3.45	0.014	OK	-0.08
NE+6.80	37	DER7	-0.005	-0.008	0.004	3.35	0.013	OK	0.28
NE+3.45	37	DER7	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.20
NE+6.80	37	DER8	0.001	-0.008	0.003	3.35	0.013	OK	0.23
NE+3.45	37	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.41
NE+6.80	37	DER9	0.010	0.007	0.005	3.35	0.013	OK	0.34
NE+3.45	37	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.21
NE+6.80	37	DER10	0.009	-0.001	0.004	3.35	0.013	OK	0.26
NE+3.45	37	DER10	0.004	0.000	-0.005	3.45	0.014	OK	-0.39
NE+6.80	37	DER11	-0.012	-0.001	0.005	3.35	0.013	OK	0.36
NE+3.45	37	DER11	-0.005	0.000	-0.006	3.45	0.014	OK	-0.44
NE+6.80	37	DER12	-0.012	0.007	0.006	3.35	0.013	OK	0.42
NE+3.45	37	DER12	-0.005	0.003	-0.007	3.45	0.014	OK	-0.53
NE+6.80	37	DER13	0.002	0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	37	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.50
NE+6.80	37	DER14	-0.004	0.016	0.007	3.35	0.013	OK	0.50
NE+3.45	37	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.20
NE+6.80	37	DER15	-0.005	-0.010	0.004	3.35	0.013	OK	0.32
NE+3.45	37	DER15	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.27
NE+6.80	37	DER16	0.002	-0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	37	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.22

0.564

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	38	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.39
NE+3.45	38	DER1	0.004	0.004	-0.002	3.45	0.014	OK	-0.18
NE+6.80	38	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.25
NE+3.45	38	DER2	0.004	0.000	-0.006	3.45	0.014	OK	-0.41
NE+6.80	38	DER3	-0.012	0.001	0.005	3.35	0.013	OK	0.37
NE+3.45	38	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.52
NE+6.80	38	DER4	-0.012	0.010	0.006	3.35	0.013	OK	0.48
NE+3.45	38	DER4	-0.005	0.004	-0.009	3.45	0.014	OK	-0.65
NE+6.80	38	DER5	0.002	0.019	0.008	3.35	0.013	OK	0.61
NE+3.45	38	DER5	0.001	0.008	-0.009	3.45	0.014	OK	-0.62
NE+6.80	38	DER6	-0.005	0.019	0.008	3.35	0.013	OK	0.63
NE+3.45	38	DER6	-0.002	0.008	-0.001	3.45	0.014	OK	-0.10
NE+6.80	38	DER7	-0.005	-0.008	0.004	3.35	0.013	OK	0.30
NE+3.45	38	DER7	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.23
NE+6.80	38	DER8	0.002	-0.009	0.004	3.35	0.013	OK	0.26
NE+3.45	38	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.43
NE+6.80	38	DER9	0.010	0.007	0.005	3.35	0.013	OK	0.36
NE+3.45	38	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.21
NE+6.80	38	DER10	0.009	-0.001	0.004	3.35	0.013	OK	0.26
NE+3.45	38	DER10	0.004	-0.001	-0.005	3.45	0.014	OK	-0.39
NE+6.80	38	DER11	-0.012	-0.001	0.005	3.35	0.013	OK	0.36
NE+3.45	38	DER11	-0.005	0.000	-0.006	3.45	0.014	OK	-0.46
NE+6.80	38	DER12	-0.012	0.008	0.006	3.35	0.013	OK	0.44
NE+3.45	38	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.58
NE+6.80	38	DER13	0.002	0.017	0.007	3.35	0.013	OK	0.55
NE+3.45	38	DER13	0.001	0.007	-0.008	3.45	0.014	OK	-0.56
NE+6.80	38	DER14	-0.004	0.017	0.008	3.35	0.013	OK	0.57
NE+3.45	38	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.22
NE+6.80	38	DER15	-0.005	-0.010	0.005	3.35	0.013	OK	0.35
NE+3.45	38	DER15	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.31
NE+6.80	38	DER16	0.002	-0.011	0.004	3.35	0.013	OK	0.33
NE+3.45	38	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.22

0.628

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	39	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.37
NE+3.45	39	DER1	0.004	0.004	-0.003	3.45	0.014	OK	-0.18
NE+6.80	39	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.25
NE+3.45	39	DER2	0.004	0.000	-0.006	3.45	0.014	OK	-0.42
NE+6.80	39	DER3	-0.012	0.002	0.005	3.35	0.013	OK	0.37
NE+3.45	39	DER3	-0.005	0.001	-0.007	3.45	0.014	OK	-0.51
NE+6.80	39	DER4	-0.012	0.009	0.006	3.35	0.013	OK	0.46
NE+3.45	39	DER4	-0.005	0.004	-0.008	3.45	0.014	OK	-0.58
NE+6.80	39	DER5	0.002	0.018	0.007	3.35	0.013	OK	0.54
NE+3.45	39	DER5	0.001	0.008	-0.008	3.45	0.014	OK	-0.56
NE+6.80	39	DER6	-0.005	0.018	0.008	3.35	0.013	OK	0.56
NE+3.45	39	DER6	-0.002	0.008	-0.001	3.45	0.014	OK	-0.06
NE+6.80	39	DER7	-0.005	-0.008	0.004	3.35	0.013	OK	0.27
NE+3.45	39	DER7	-0.002	-0.003	-0.003	3.45	0.014	OK	-0.20
NE+6.80	39	DER8	0.002	-0.008	0.003	3.35	0.013	OK	0.23
NE+3.45	39	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.41
NE+6.80	39	DER9	0.010	0.007	0.005	3.35	0.013	OK	0.34
NE+3.45	39	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.22
NE+6.80	39	DER10	0.010	-0.001	0.004	3.35	0.013	OK	0.27
NE+3.45	39	DER10	0.004	-0.001	-0.005	3.45	0.014	OK	-0.38
NE+6.80	39	DER11	-0.012	0.000	0.005	3.35	0.013	OK	0.36
NE+3.45	39	DER11	-0.005	0.000	-0.006	3.45	0.014	OK	-0.45
NE+6.80	39	DER12	-0.012	0.007	0.006	3.35	0.013	OK	0.42
NE+3.45	39	DER12	-0.005	0.003	-0.007	3.45	0.014	OK	-0.51
NE+6.80	39	DER13	0.002	0.016	0.006	3.35	0.013	OK	0.48
NE+3.45	39	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.50
NE+6.80	39	DER14	-0.004	0.016	0.007	3.35	0.013	OK	0.50
NE+3.45	39	DER14	-0.002	0.007	-0.002	3.45	0.014	OK	-0.18
NE+6.80	39	DER15	-0.005	-0.010	0.004	3.35	0.013	OK	0.32
NE+3.45	39	DER15	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.27
NE+6.80	39	DER16	0.002	-0.010	0.004	3.35	0.013	OK	0.29
NE+3.45	39	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.22

0.563

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	40	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.40
NE+3.45	40	DER1	0.004	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	40	DER2	0.009	0.001	0.003	3.35	0.013	OK	0.25
NE+3.45	40	DER2	0.004	0.000	-0.006	3.45	0.014	OK	-0.42
NE+6.80	40	DER3	-0.012	0.002	0.005	3.35	0.013	OK	0.38
NE+3.45	40	DER3	-0.005	0.001	-0.007	3.45	0.014	OK	-0.54
NE+6.80	40	DER4	-0.012	0.010	0.007	3.35	0.013	OK	0.49
NE+3.45	40	DER4	-0.005	0.004	-0.009	3.45	0.014	OK	-0.63
NE+6.80	40	DER5	0.002	0.019	0.008	3.35	0.013	OK	0.61
NE+3.45	40	DER5	0.001	0.007	-0.009	3.45	0.014	OK	-0.63
NE+6.80	40	DER6	-0.005	0.019	0.008	3.35	0.013	OK	0.63
NE+3.45	40	DER6	-0.002	0.008	-0.001	3.45	0.014	OK	-0.07
NE+6.80	40	DER7	-0.005	-0.008	0.004	3.35	0.013	OK	0.28
NE+3.45	40	DER7	-0.002	-0.003	-0.003	3.45	0.014	OK	-0.21
NE+6.80	40	DER8	0.002	-0.008	0.003	3.35	0.013	OK	0.24
NE+3.45	40	DER8	0.001	-0.003	-0.006	3.45	0.014	OK	-0.43
NE+6.80	40	DER9	0.010	0.007	0.005	3.35	0.013	OK	0.36
NE+3.45	40	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.22
NE+6.80	40	DER10	0.010	-0.001	0.004	3.35	0.013	OK	0.27
NE+3.45	40	DER10	0.004	-0.001	-0.005	3.45	0.014	OK	-0.38
NE+6.80	40	DER11	-0.012	0.000	0.005	3.35	0.013	OK	0.36
NE+3.45	40	DER11	-0.005	0.000	-0.006	3.45	0.014	OK	-0.47
NE+6.80	40	DER12	-0.012	0.008	0.006	3.35	0.013	OK	0.44
NE+3.45	40	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.56
NE+6.80	40	DER13	0.002	0.017	0.007	3.35	0.013	OK	0.54
NE+3.45	40	DER13	0.001	0.007	-0.008	3.45	0.014	OK	-0.56
NE+6.80	40	DER14	-0.004	0.017	0.008	3.35	0.013	OK	0.56
NE+3.45	40	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.19
NE+6.80	40	DER15	-0.005	-0.010	0.004	3.35	0.013	OK	0.33
NE+3.45	40	DER15	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.29
NE+6.80	40	DER16	0.002	-0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	40	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.22

0.628

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	41	DER1	0.009	0.009	0.005	3.35	0.013	OK	0.39
NE+3.45	41	DER1	0.004	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	41	DER2	0.009	0.002	0.003	3.35	0.013	OK	0.26
NE+3.45	41	DER2	0.004	0.000	-0.006	3.45	0.014	OK	-0.43
NE+6.80	41	DER3	-0.012	0.003	0.005	3.35	0.013	OK	0.38
NE+3.45	41	DER3	-0.005	0.001	-0.007	3.45	0.014	OK	-0.53
NE+6.80	41	DER4	-0.012	0.010	0.006	3.35	0.013	OK	0.48
NE+3.45	41	DER4	-0.005	0.004	-0.008	3.45	0.014	OK	-0.57
NE+6.80	41	DER5	0.002	0.018	0.007	3.35	0.013	OK	0.54
NE+3.45	41	DER5	0.001	0.007	-0.008	3.45	0.014	OK	-0.57
NE+6.80	41	DER6	-0.005	0.018	0.008	3.35	0.013	OK	0.57
NE+3.45	41	DER6	-0.002	0.008	0.000	3.45	0.014	OK	0.00
NE+6.80	41	DER7	-0.005	-0.006	0.003	3.35	0.013	OK	0.21
NE+3.45	41	DER7	-0.002	-0.003	-0.002	3.45	0.014	OK	-0.14
NE+6.80	41	DER8	0.002	-0.006	0.002	3.35	0.013	OK	0.16
NE+3.45	41	DER8	0.001	-0.003	-0.006	3.45	0.014	OK	-0.43
NE+6.80	41	DER9	0.010	0.007	0.005	3.35	0.013	OK	0.36
NE+3.45	41	DER9	0.004	0.003	-0.003	3.45	0.014	OK	-0.22
NE+6.80	41	DER10	0.010	0.000	0.004	3.35	0.013	OK	0.26
NE+3.45	41	DER10	0.004	-0.001	-0.005	3.45	0.014	OK	-0.39
NE+6.80	41	DER11	-0.012	0.001	0.005	3.35	0.013	OK	0.36
NE+3.45	41	DER11	-0.005	0.000	-0.007	3.45	0.014	OK	-0.47
NE+6.80	41	DER12	-0.012	0.008	0.006	3.35	0.013	OK	0.44
NE+3.45	41	DER12	-0.005	0.003	-0.007	3.45	0.014	OK	-0.51
NE+6.80	41	DER13	0.002	0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	41	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.52
NE+6.80	41	DER14	-0.004	0.016	0.007	3.35	0.013	OK	0.51
NE+3.45	41	DER14	-0.002	0.007	-0.001	3.45	0.014	OK	-0.11
NE+6.80	41	DER15	-0.005	-0.008	0.003	3.35	0.013	OK	0.25
NE+3.45	41	DER15	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.20
NE+6.80	41	DER16	0.002	-0.008	0.003	3.35	0.013	OK	0.22
NE+3.45	41	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.21

0.568

2.4.1 DESPLAZAMIENTOS NUDOS UMBRAL DE DAÑO

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+6.80	12	DER1	0.0086	0.0093	-0.0003	-0.0002	0.0000	0.0001
NE+6.80	12	DER2	0.0087	0.0008	-0.0003	0.0012	0.0000	0.0002
NE+6.80	12	DER3	-0.0123	-0.0003	-0.0004	0.0013	-0.0031	0.0001
NE+6.80	12	DER4	-0.0124	0.0082	-0.0004	-0.0001	-0.0031	0.0000
NE+6.80	12	DER5	0.0012	0.0188	-0.0003	-0.0018	-0.0011	0.0000
NE+6.80	12	DER6	-0.0051	0.0185	-0.0003	-0.0017	-0.0020	-0.0001
NE+6.80	12	DER7	-0.0049	-0.0098	-0.0004	0.0028	-0.0020	0.0002
NE+6.80	12	DER8	0.0014	-0.0095	-0.0004	0.0028	-0.0011	0.0002

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+6.80	34	DER9	0.0094	0.0080	-0.0003	-0.0024	0.0012	-0.0002
NE+6.80	34	DER10	0.0094	-0.0007	-0.0003	-0.0009	0.0012	-0.0001
NE+6.80	34	DER11	-0.0122	-0.0015	-0.0003	-0.0008	-0.0017	0.0001
NE+6.80	34	DER12	-0.0121	0.0071	-0.0003	-0.0023	-0.0017	0.0001
NE+6.80	34	DER13	0.0020	0.0178	-0.0003	-0.0041	0.0002	-0.0001
NE+6.80	34	DER14	-0.0045	0.0176	-0.0003	-0.0041	-0.0006	-0.0001
NE+6.80	34	DER15	-0.0047	-0.0114	-0.0003	0.0010	-0.0007	0.0001
NE+6.80	34	DER16	0.0017	-0.0111	-0.0003	0.0009	0.0002	0.0000

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+3.45	20	DER1	0.0041	0.0034	-0.0001	-0.0016	0.0010	0.0000
NE+3.45	20	DER2	0.0042	0.0001	-0.0001	-0.0005	0.0010	0.0000
NE+3.45	20	DER3	-0.0051	0.0008	-0.0001	-0.0006	-0.0021	0.0000
NE+3.45	20	DER4	-0.0051	0.0040	-0.0001	-0.0017	-0.0021	0.0000
NE+3.45	20	DER5	0.0009	0.0074	-0.0001	-0.0029	-0.0001	0.0000
NE+3.45	20	DER6	-0.0019	0.0076	-0.0001	-0.0029	-0.0010	0.0000
NE+3.45	20	DER7	-0.0018	-0.0032	-0.0001	0.0007	-0.0010	0.0000
NE+3.45	20	DER8	0.0010	-0.0034	-0.0001	0.0008	0.0000	0.0000

NE+6.80	12	DER9	0.0090	0.0075	-0.0003	0.0000	0.0000	0.0001
NE+6.80	12	DER10	0.0091	-0.0010	-0.0003	0.0014	0.0000	0.0001
NE+6.80	12	DER11	-0.0119	-0.0020	-0.0003	0.0015	-0.0031	0.0000
NE+6.80	12	DER12	-0.0120	0.0065	-0.0003	0.0001	-0.0031	0.0000
NE+6.80	12	DER13	0.0016	0.0171	-0.0003	-0.0015	-0.0010	-0.0001
NE+6.80	12	DER14	-0.0047	0.0168	-0.0003	-0.0015	-0.0020	-0.0001
NE+6.80	12	DER15	-0.0045	-0.0115	-0.0003	0.0031	-0.0020	0.0001
NE+6.80	12	DER16	0.0018	-0.0112	-0.0003	0.0030	-0.0011	0.0002
NE+6.80	13	DER1	0.0087	0.0099	-0.0003	-0.0004	0.0011	0.0001
NE+6.80	13	DER2	0.0087	0.0012	-0.0003	0.0011	0.0011	0.0001
NE+6.80	13	DER3	-0.0122	0.0004	-0.0003	0.0012	-0.0017	0.0000
NE+6.80	13	DER4	-0.0123	0.0091	-0.0003	-0.0003	-0.0017	0.0000
NE+6.80	13	DER5	0.0012	0.0197	-0.0003	-0.0021	0.0001	0.0000
NE+6.80	13	DER6	-0.0051	0.0195	-0.0003	-0.0021	-0.0007	0.0000
NE+6.80	13	DER7	-0.0048	-0.0095	-0.0003	0.0029	-0.0007	0.0001
NE+6.80	13	DER8	0.0015	-0.0092	-0.0003	0.0029	0.0002	0.0001
NE+6.80	13	DER9	0.0090	0.0079	-0.0003	-0.0001	0.0012	0.0001
NE+6.80	13	DER10	0.0091	-0.0008	-0.0003	0.0015	0.0012	0.0001
NE+6.80	13	DER11	-0.0119	-0.0016	-0.0003	0.0015	-0.0016	0.0000
NE+6.80	13	DER12	-0.0119	0.0071	-0.0003	0.0000	-0.0016	0.0000
NE+6.80	13	DER13	0.0016	0.0177	-0.0003	-0.0018	0.0002	0.0000
NE+6.80	13	DER14	-0.0047	0.0175	-0.0003	-0.0018	-0.0007	-0.0001
NE+6.80	13	DER15	-0.0044	-0.0114	-0.0003	0.0033	-0.0006	0.0001
NE+6.80	13	DER16	0.0019	-0.0112	-0.0003	0.0032	0.0002	0.0001
NE+6.80	14	DER1	0.0087	0.0090	-0.0003	0.0000	0.0011	0.0001
NE+6.80	14	DER2	0.0088	0.0011	-0.0003	0.0012	0.0011	0.0001
NE+6.80	14	DER3	-0.0122	0.0005	-0.0003	0.0013	-0.0017	0.0000
NE+6.80	14	DER4	-0.0123	0.0085	-0.0003	0.0000	-0.0018	0.0000
NE+6.80	14	DER5	0.0013	0.0181	-0.0002	-0.0014	0.0001	0.0000
NE+6.80	14	DER6	-0.0050	0.0179	-0.0002	-0.0014	-0.0008	0.0000
NE+6.80	14	DER7	-0.0048	-0.0085	-0.0003	0.0027	-0.0007	0.0001
NE+6.80	14	DER8	0.0015	-0.0084	-0.0003	0.0027	0.0001	0.0001
NE+6.80	14	DER9	0.0090	0.0072	-0.0002	0.0002	0.0011	0.0001
NE+6.80	14	DER10	0.0091	-0.0008	-0.0003	0.0015	0.0011	0.0001
NE+6.80	14	DER11	-0.0118	-0.0013	-0.0002	0.0015	-0.0017	0.0000
NE+6.80	14	DER12	-0.0119	0.0066	-0.0002	0.0003	-0.0017	0.0000
NE+6.80	14	DER13	0.0016	0.0163	-0.0002	-0.0012	0.0001	0.0000
NE+6.80	14	DER14	-0.0047	0.0161	-0.0002	-0.0012	-0.0007	0.0000
NE+6.80	14	DER15	-0.0044	-0.0104	-0.0003	0.0029	-0.0007	0.0001
NE+6.80	14	DER16	0.0019	-0.0102	-0.0003	0.0029	0.0002	0.0001
NE+6.80	15	DER1	0.0087	0.0096	-0.0003	-0.0004	0.0011	0.0001
NE+6.80	15	DER2	0.0088	0.0012	-0.0003	0.0011	0.0011	0.0001
NE+6.80	15	DER3	-0.0121	0.0009	-0.0003	0.0011	-0.0017	0.0000
NE+6.80	15	DER4	-0.0122	0.0093	-0.0003	-0.0003	-0.0017	0.0000
NE+6.80	15	DER5	0.0013	0.0193	-0.0003	-0.0020	0.0001	0.0000
NE+6.80	15	DER6	-0.0050	0.0193	-0.0003	-0.0020	-0.0008	0.0000
NE+6.80	15	DER7	-0.0047	-0.0088	-0.0003	0.0028	-0.0007	0.0001
NE+6.80	15	DER8	0.0015	-0.0087	-0.0003	0.0028	0.0001	0.0001
NE+6.80	15	DER9	0.0091	0.0076	-0.0003	0.0000	0.0011	0.0001
NE+6.80	15	DER10	0.0091	-0.0008	-0.0003	0.0014	0.0011	0.0001
NE+6.80	15	DER11	-0.0118	-0.0011	-0.0003	0.0015	-0.0017	0.0000
NE+6.80	15	DER12	-0.0119	0.0073	-0.0003	0.0000	-0.0017	0.0000
NE+6.80	15	DER13	0.0016	0.0173	-0.0003	-0.0017	0.0001	0.0000
NE+6.80	15	DER14	-0.0046	0.0172	-0.0003	-0.0017	-0.0007	0.0000
NE+6.80	15	DER15	-0.0044	-0.0108	-0.0003	0.0031	-0.0007	0.0001
NE+6.80	15	DER16	0.0019	-0.0107	-0.0003	0.0031	0.0002	0.0001
NE+6.80	16	DER1	0.0087	0.0088	-0.0003	0.0000	0.0011	0.0001
NE+6.80	16	DER2	0.0088	0.0010	-0.0003	0.0012	0.0011	0.0001
NE+6.80	16	DER3	-0.0121	0.0010	-0.0003	0.0012	-0.0017	0.0000
NE+6.80	16	DER4	-0.0122	0.0088	-0.0003	0.0000	-0.0017	0.0000
NE+6.80	16	DER5	0.0013	0.0179	-0.0002	-0.0014	0.0001	0.0000
NE+6.80	16	DER6	-0.0050	0.0179	-0.0002	-0.0014	-0.0008	0.0000
NE+6.80	16	DER7	-0.0047	-0.0081	-0.0003	0.0026	-0.0007	0.0001
NE+6.80	16	DER8	0.0016	-0.0081	-0.0003	0.0026	0.0001	0.0001
NE+6.80	16	DER9	0.0091	0.0069	-0.0002	0.0003	0.0011	0.0001
NE+6.80	16	DER10	0.0091	-0.0009	-0.0003	0.0015	0.0011	0.0001
NE+6.80	16	DER11	-0.0117	-0.0009	-0.0002	0.0015	-0.0017	0.0000
NE+6.80	16	DER12	-0.0118	0.0069	-0.0002	0.0003	-0.0017	0.0000
NE+6.80	16	DER13	0.0017	0.0160	-0.0002	-0.0011	0.0001	0.0000
NE+6.80	16	DER14	-0.0046	0.0160	-0.0002	-0.0011	-0.0007	0.0000
NE+6.80	16	DER15	-0.0043	-0.0100	-0.0003	0.0029	-0.0007	0.0000
NE+6.80	16	DER16	0.0019	-0.0100	-0.0003	0.0029	0.0002	0.0001
NE+6.80	17	DER1	0.0087	0.0094	-0.0003	-0.0003	0.0011	0.0001
NE+6.80	17	DER2	0.0088	0.0011	-0.0003	0.0011	0.0011	0.0001
NE+6.80	17	DER3	-0.0121	0.0013	-0.0003	0.0011	-0.0017	0.0000
NE+6.80	17	DER4	-0.0122	0.0096	-0.0003	-0.0004	-0.0017	0.0000
NE+6.80	17	DER5	0.0013	0.0191	-0.0003	-0.0020	0.0001	0.0000
NE+6.80	17	DER6	-0.0050	0.0192	-0.0003	-0.0020	-0.0008	0.0000
NE+6.80	17	DER7	-0.0047	-0.0084	-0.0003	0.0027	-0.0007	0.0001
NE+6.80	17	DER8	0.0016	-0.0085	-0.0003	0.0027	0.0001	0.0001
NE+6.80	17	DER9	0.0091	0.0073	-0.0003	0.0000	0.0011	0.0001
NE+6.80	17	DER10	0.0091	-0.0010	-0.0003	0.0014	0.0011	0.0001
NE+6.80	17	DER11	-0.0117	-0.0007	-0.0003	0.0014	-0.0017	0.0000
NE+6.80	17	DER12	-0.0118	0.0076	-0.0003	0.0000	-0.0017	0.0000
NE+6.80	17	DER13	0.0017	0.0171	-0.0003	-0.0017	0.0001	0.0000
NE+6.80	17	DER14	-0.0046	0.0172	-0.0003	-0.0017	-0.0007	0.0000
NE+6.80	17	DER15	-0.0043	-0.0105	-0.0003	0.0031	-0.0007	0.0001
NE+6.80	17	DER16	0.0019	-0.0105	-0.0003	0.0031	0.0002	0.0001
NE+6.80	18	DER1	0.0087	0.0085	-0.0003	0.0000	0.0011	0.0001
NE+6.80	18	DER2	0.0088	0.0009	-0.0003	0.0012	0.0011	0.0001
NE+6.80	18	DER3	-0.0121	0.0014	-0.0003	0.0012	-0.0017	0.0000
NE+6.80	18	DER4	-0.0122	0.0091	-0.0003	0.0000	-0.0017	0.0000
NE+6.80	18	DER5	0.0013	0.0177	-0.0002	-0.0014	0.0001	0.0000
NE+6.80	18	DER6	-0.0050	0.0178	-0.0002	-0.0014	-0.0008	0.0000
NE+6.80	18	DER7	-0.0047	-0.0078	-0.0003	0.0026	-0.0007	0.0001
NE+6.80	18	DER8	0.0016	-0.0079	-0.0003	0.0026	0.0001	0.0001
NE+6.80	18	DER9	0.0091	0.0067	-0.0002	0.0003	0.0011	0.0001
NE+6.80	18	DER10	0.0091	-0.0010	-0.0003	0.0015	0.0011	0.0001
NE+6.80	18	DER11	-0.0117	-0.0005	-0.0002	0.0014	-0.0017	0.0000
NE+6.80	18	DER12	-0.0118	0.0072	-0.0002	0.0003	-0.0017	0.0000
NE+6.80	18	DER13	0.0017	0.0158	-0.0002	-0.0011	0.0001	0.0000
NE+6.80	18	DER14	-0.0046	0.0160	-0.0002	-0.0011	-0.0007	0.0000
NE+6.80	18	DER15	-0.0043	-0.0096	-0.0003	0.0029	-0.0007	0.0001
NE+6.80	18	DER16	0.0019	-0.0098	-0.0003	0.0029	0.0002	0.0001
NE+6.80	19	DER1	0.0087	0.0093	-0.0003	-0.0003	0.0011	0.0001
NE+6.80	19	DER2	0.0088	0.0012	-0.0003	0.0011	0.0011	0.0002
NE+6.80	19	DER3	-0.0121	0.0020	-0.0003	0.0010	-0.0017	0.0000
NE+6.80	19	DER4	-0.0122	0.0101	-0.0003	-0.0004	-0.0017	0.0000
NE+6.80	19	DER5	0.0013	0.0190	-0.0003	-0.0019	0.0001	0.0000
NE+6.80	19	DER6	-0.0050	0.0192	-0.0003	-0.0020	-0.0008	0.0000
NE+6.80	19	DER7	-0.0047	-0.0077	-0.0003	0.0026	-0.0007	0.0001
NE+6.80	19	DER8	0.0016	-0.0080	-0.0003	0.0027	0.0001	0.0002
NE+6.80	19	DER9	0.0090	0.0072	-0.0003	0.0000	0.0011	0.0001
NE+6.80	19	DER10	0.0091	-0.0008	-0.0003	0.0014	0.0011	0.0002
NE+6.80	19	DER11	-0.0117	0.0000	-0.0003	0.0013	-0.0017	0.0000
NE+6.80	19	DER12	-0.0118	0.0081	-0.0003	0.0000	-0.0017	0.0000
NE+6.80	19	DER13	0.0016	0.0170	-0.0003	-0.0016	0.0001	0.0000
NE+6.80	19	DER14	-0.0046	0.0172	-0.0003	-0.0016	-0.0007	0.0000
NE+6.80	19	DER15	-0.0043	-0.0097	-0.0003	0.0030	-0.0007	0.0001
NE+6.80	19	DER16	0.0019	-0.0100	-0.0003	0.0030	0.0002	0.0002
NE+6.80	20	DER1	0.0087	0.0089	-0.0002	-0.0010	0.0011	0.0001
NE+6.80	20	DER2	0.0088	0.0016	-0.0002	0.0001	0.0011	0.0002

NE+6.80	35	DER1	0.0091	0.0091	-0.0004	-0.0024	0.0011	-0.0002
NE+6.80	35	DER2	0.0090	0.0012	-0.0004	-0.0011	0.0011	-0.0001
NE+6.80	35	DER3	-0.0125	0.0007	-0.0004	-0.0011	-0.0018	0.0001
NE+6.80	35	DER4	-0.0125	0.0086	-0.0004	-0.0023	-0.0018	0.0001
NE+6.80	35	DER5	0.0016	0.0182	-0.0004	-0.0038	0.0001	-0.0001
NE+6.80	35	DER6	-0.0048	0.0181	-0.0004	-0.0038	-0.0007	0.0000
NE+6.80	35	DER7	-0.0051	-0.0084	-0.0003	0.0003	-0.0008	0.0001
NE+6.80	35	DER8	0.0014	-0.0082	-0.0003	0.0003	0.0001	0.0000
NE+6.80	35	DER9	0.0095	0.0073	-0.0003	-0.0022	0.0012	-0.0002
NE+6.80	35	DER10	0.0094	-0.0007	-0.0003	-0.0010	0.0012	-0.0001
NE+6.80	35	DER11	-0.0122	-0.0012	-0.0003	-0.0009	-0.0017	0.0001
NE+6.80	35	DER12	-0.0121	0.0068	-0.0003	-0.0022	-0.0017	0.0001
NE+6.80	35	DER13	0.0020	0.0164	-0.0003	-0.0036	0.0002	-0.0001
NE+6.80	35	DER14	-0.0045	0.0162	-0.0003	-0.0036	-0.0007	0.0000
NE+6.80	35	DER15	-0.0047	-0.0103	-0.0003	0.0005	-0.0007	0.0001
NE+6.80	35	DER16	0.0018	-0.0101	-0.0003	0.0005	0.0002	0.0000
NE+6.80	36	DER1	0.0091	0.0097	-0.0004	-0.0025	0.0011	-0.0002
NE+6.80	36	DER2	0.0090	0.0013	-0.0004	-0.0011	0.0011	-0.0001
NE+6.80	36	DER3	-0.0125	0.0010	-0.0004	-0.0011	-0.0017	0.0001
NE+6.80	36	DER4	-0.0124	0.0094	-0.0004	-0.0025	-0.0017	0.0001
NE+6.80	36	DER5	0.0017	0.0194	-0.0004	-0.0042	0.0001	-0.0001
NE+6.80	36	DER6	-0.0048	0.0193	-0.0004	-0.0042	-0.0007	0.0000
NE+6.80	36	DER7	-0.0050	-0.0087	-0.0004	0.0006	-0.0008	0.0001
NE+6.80	36	DER8	0.0014	-0.0087	-0.0004	0.0006	0.0001	0.0000
NE+6.80	36	DER9	0.0095	0.0077	-0.0003	-0.0023	0.0012	-0.0002
NE+6.80	36	DER10	0.0094	-0.0008	-0.0003	-0.0009	0.0012	-0.0001
NE+6.80	36	DER11	-0.0121	-0.0010	-0.0003	-0.0009	-0.0017	0.0001
NE+6.80	36	DER12	-0.0120	0.0074	-0.0003	-0.0023	-0.0017	0.0001
NE+6.80	36	DER13	0.0020	0.0174	-0.0003	-0.0040	0.0002	-0.0001
NE+6.80	36	DER14	-0.0044	0.0173	-0.0003	-0.0040	-0.0007	0.0000
NE+6.80	36	DER15	-0.0047	-0.0107	-0.0003	0.0008	-0.0007	0.0001
NE+6.80	36	DER16	0.0018	-0.0107	-0.0003	0.0008	0.0002	0.0000
NE+6.80	37	DER1	0.0091	0.0089	-0.0004	-0.0023	0.0011	-0.0002
NE+6.80	37	DER2	0.0090	0.0011	-0.0004	-0.0011	0.0011	-0.0001
NE+6.80	37	DER3	-0.0125	0.0011	-0.0004	-0.0011	-0.0017	0.0001
NE+6.80	37	DER4	-0.0124	0.0089	-0.0004	-0.0023	-0.0017	0.0001
NE+6.80	37	DER5	0.0017	0.0180	-0.0004	-0.0037	0.0002	-0.0001
NE+6.80	37	DER6	-0.0048	0.0180	-0.0004	-0.0037	-0.0007	0.0000
NE+6.80	37	DER7	-0.0050	-0.0080	-0.0003	0.0003	-0.0008	0.0001
NE+6.80	37	DER8	0.0014	-0.0080	-0.0003	0.0003	0.0001	0.0000
NE+6.80	37	DER9	0.0095	0.0070	-0.0003	-0.0022	0.0012	-0.0002
NE+6.80	37	DER10	0.0094	-0.0008	-0.0003	-0.0010	0.0012	-0.0001
NE+6.80	37	DER11	-0.0121	-0.0008	-0.0003	-0.0010	-0.0017	0.0001
NE+6.80	37	DER12	-0.0120	0.0070	-0.0003	-0.0022	-0.0017	0.0001
NE+6.80	37	DER13	0.0021	0.0161	-0.0003	-0.0036	0.0002	-0.0001
NE+6.80	37	DER14	-0.0044	0.0161	-0.0003	-0.0036	-0.0007	0.0000
NE+6.80	37	DER15	-0.0046	-0.0099	-0.0003	0.0004	-0.0007	0.0001
NE+6.80	37	DER16	0.0018	-0.0099	-0.0003	0.0004	0.0002	0.0000
NE+6.80	38	DER1	0.0091	0.0094	-0.0004	-0.0025	0.0012	-0.0002
NE+6.80	38	DER2	0.0091	0.0011	-0.0004	-0.0011	0.0011	-0.0001
NE+6.80	38	DER3	-0.0124	0.0014	-0.0004	-0.0011	-0.0017	0.0001
NE+6.80	38	DER4	-0.0123	0.0097	-0.0004	-0.0025	-0.0017	0.0001
NE+6.80	38	DER5	0.0017	0.0192	-0.0004	-0.0042	0.0002	-0.0001
NE+6.80	38	DER6	-0.0047	0.0193	-0.0004	-0.0042	-0.0007	0.0000
NE+6.80	38	DER7	-0.0050	-0.0084	-0.0004	0.0006	-0.0007	0.0001
NE+6.80	38	DER8	0.0015	-0.0085	-0.0004	0.0006	0.0001	0.0000
NE+6.80	38	DER9	0.0095	0.0074	-0.0003	-0.0023	0.0012	-0.0001
NE+6.80	38	DER10	0.0094	-0.0009	-0.0003	-0.0009	0.0012	-0.0001
NE+6.80	38	DER11	-0.0121	-0.0006	-0.0003	-0.0009	-0.0017	0.0001
NE+6.80	38	DER12	-0.0120	0.0077	-0.0003	-0.0023	-0.0017	0.0001
NE+6.80	38	DER13	0.0021	0.0172	-0.0003	-0.0040	0.0002	-0.0001
NE+6.80	38	DER14	-0.0044	0.0173	-0.0003	-0.0040	-0.0006	0.0000
NE+6.80	38	DER15	-0.0046	-0.0104	-0.0003	0.0007	-0.0007	0.0001
NE+6.80	38	DER16	0.0018	-0.0105	-0.0003	0.0008	0.0002	0.0000
NE+6.80	39	DER1	0.0092	0.0087	-0.0004	-0.0023	0.0012	-0.0002
NE+6.80	39	DER2	0.0091	0.0010	-0.0004	-0.0011	0.0011	-0.0001
NE+6.80	39	DER3	-0.0124	0.0015	-0.0004	-0.0012	-0.0017	0.0001
NE+6.80	39	DER4	-0.0123	0.0092	-0.0004	-0.0024	-0.0017	0.0001
NE+6.80	39	DER5	0.0017	0.0178	-0.0004	-0.0037	0.0002	-0.0001
NE+6.80	39	DER6	-0.0047	0.0180	-0.0004	-0.0037	-0.0007	0.0000
NE+6.80	39	DER7	-0.0050	-0.0076	-0.0003	0.0002	-0.0007	0.0001
NE+6.80	39	DER8	0.0015	-0.0078	-0.0003	0.0002	0.0001	0.0000
NE+6.80	39	DER9	0.0095	0.0068	-0.0003	-0.0022	0.0012	-0.0001
NE+6.80	39	DER10	0.0095	-0.0009	-0.0003	-0.0010	0.0012	-0.0001
NE+6.80	39	DER11	-0.0120	-0.0004	-0.0003	-0.0010	-0.0017	0.0001
NE+6.80	39	DER12	-0.0120	0.0073	-0.0003	-0.0022	-0.0017	0.0001
NE+6.80	39	DER13	0.0021	0.0159	-0.0003	-0.0036	0.0002	-0.0001
NE+6.80	39	DER14	-0.0043	0.0161	-0.0003	-0.0036	-0.0006	0.0000
NE+6.80	39	DER15	-0.0046	-0.0095	-0.0003	0.0004	-0.0007	0.0001
NE+6.80	39	DER16	0.0018	-0.0097	-0.0003	0.0004	0.0002	0.0000
NE+6.80	40	DER1	0.0092	0.0093	-0.0004	-0.0025	0.0011	-0.0001
NE+6.80	40	DER2	0.0091	0.0012	-0.0004	-0.0011	0.0011	-0.0001
NE+6.80	40	DER3	-0.0124	0.0021	-0.0004	-0.0012	-0.0018	0.0002
NE+6.80	40	DER4	-0.0123	0.0101	-0.0004	-0.0026	-0.0017	0.0001
NE+6.80	40	DER5	0.0017	0.0190	-0.0004	-0.0042	0.0001	-0.0001
NE+6.80	40	DER6	-0.0047	0.0193	-0.0004	-0.0042	-0.0007	0.0000
NE+6.80	40	DER7	-0.0050	-0.0077	-0.0004	0.0004	-0.0008	0.0001
NE+6.80	40	DER8	0.0015	-0.0079	-0.0004	0.0004	0.0001	0.0000
NE+6.80	40	DER9	0.0096	0.0073	-0.0003	-0.0023	0.0012	-0.0001
NE+6.80	40	DER10	0.0095	-0.0008	-0.0003	-0.0009	0.0012	-0.0001
NE+6.80	40	DER11	-0.0120	0.0001	-0.0003	-0.0010	-0.0017	0.0002
NE+6.80	40	DER12	-0.0120	0.0081	-0.0003	-0.0024	-0.0017	0.0001
NE+6.80	40	DER13	0.0021	0.0170	-0.0003	-0.0040	0.0002	-0.0001
NE+6.80	40	DER14	-0.0043	0.0173	-0.0003	-0.0040	-0.0007	0.0000
NE+6.80	40	DER15	-0.0046	-0.0097	-0.0003	0.0006	-0.0007	0.0001
NE+6.80	40	DER16	0.0019	-0.0099	-0.0003	0.0006	0.0002	0.0000
NE+6.80	41	DER1	0.0092	0.0090	-0.0004	-0.0026	0.0016	-0.0002
NE+6.80	41	DER2	0.0091	0.0017	-0.0004	-0.0015	0.0016	-0.0002
NE+6.80	41	DER3	-0.0124	0.0028	-0.0003	-0.0016	-0.0015	0.0002
NE+6.80	41	DER4	-0.0123	0.0100	-0.0003	-0.0027	-0.0015	0.0002
NE+6.80	41	DER5	0.0018	0.0178	-0.0004	-0.0038	0.0005	-0.0001
NE+6.80	41	DER6	-0.0047	0.0181	-0.0004	-0.0039	-0.0004	0.0000
NE+6.80	41	DER7	-0.0050	-0.0060	-0.0003	-0.0003	-0.0004	0.0001
NE+6.80	41	DER8	0.0015	-0.0064	-0.0003	-0.0003	0.0005	0.0000
NE+6.80	41	DER9	0.0096	0.0072	-0.0003	-0.0024	0.0017	-0.0002
NE+6.80	41	DER10	0.0095	-0.0001	-0.0003	-0.0013	0.0017	-0.0002
NE+6.80	41	DER11	-0.0120	0.0010	-0.0003	-0.0014	-0.0015	0.0002
NE+6.80	41	DER12	-0.0120	0.0082	-0.0003	-0.0025	-0.0015	0.0002
NE+6.80	41	DER13	0.0021	0.0160	-0.0003	-0.0037	0.0006	-0.0001
NE+6.80	41	DER14	-0.0043	0.0163	-0.0003	-0.0037	-0.0004	0.0000
NE+6.80	41	DER15	-0.0046	-0.0079	-0.0003	-0.0002	-0.0004	0.0001
NE+6.80	41	DER16	0.0019	-0.0082	-0.0003	-0.0001	0.0005	0.0000
NE+3.45	12	DER1	0.0041	0.0040	-0.0002	-0.0018	0.0014	0.0000
NE+3.45	12	DER2	0.0042	0.0005	-0.0002	-0.0005	0.0014	0.0000
NE+3.45	12	DER3	-0.0051	-0.0001	-0.0003	-0.0004	-0.0018	0.0000
NE+3.45	12	DER4	-0.0051	0.0033	-0.0002	-0.0016	-0.0018	0.0000
NE+3.45	12	DER5	0.0009	0.0078	-0.0002	-0.0032	0.0003	0.0000
NE+3.45	12	DER6	-0.0019	0.0076	-0.0002	-0.0031	-0.0007	0.0000
NE+3.45	12	DER7	-0.0018	-0.0039	-0.0003	0.0010	-0.0007	0.0000
NE+3.45	12	DER8	0.0010	-0.0037	-0.0003	0.0010	0.0003	0.0000
NE+3.45	12	DER9	0.0043	0.0032	-0.0002	-0.0015	0.0016	0.0000
NE+3.45	12	DER10	0.0043	-0.0002	-0.0002	-0.0003	0.0016	0.0000

NE+3.45	20	DER9	0.0043	0.0026	-0.0001	-0.0013	0.0011	0.0000
NE+3.45	20	DER10	0.0043	-0.0006	-0.0001	-0.0002	0.0012	0.0000
NE+3.45	20	DER11	-0.0050	0.0000	-0.0001	-0.0004	-0.0020	0.0000
NE+3.45	20	DER12	-0.0050	0.0033	-0.0001	-0.0014	-0.0020	0.0000
NE+3.45	20	DER13	0.0010	0.0066	-0.0001	-0.0026	0.0000	0.0000
NE+3.45	20	DER14	-0.0018	0.0068	-0.0001	-0.0027	-0.0009	0.0000
NE+3.45	20	DER15	-0.0017	-0.0040	-0.0001	0.0010	-0.0009	0.0000
NE+3.45	20	DER16	0.0011	-0.0041	-0.0001	0.0010	0.0001	0.0000
NE+3.45	22	DER1	0.0042	0.0040	-0.0003	-0.0010	0.0018	0.0000
NE+3.45	22	DER2	0.0042	0.0005	-0.0003	0.0000	0.0018	0.0000
NE+3.45	22	DER3	-0.0052	-0.0001	-0.0003	0.0001	-0.0017	0.0000
NE+3.45	22	DER4	-0.0052	0.0033	-0.0003	-0.0009	-0.0017	0.0000
NE+3.45	22	DER5	0.0009	0.0078	-0.0003	-0.0022	0.0006	0.0000
NE+3.45	22	DER6	-0.0019	0.0076	-0.0003	-0.0021	-0.0005	0.0000
NE+3.45	22	DER7	-0.0019	-0.0039	-0.0003	0.0013	-0.0005	0.0000
NE+3.45	22	DER8	0.0009	-0.0037	-0.0003	0.0012	0.0006	0.0000
NE+3.45	22	DER9	0.0044	0.0032	-0.0002	-0.0009	0.0020	0.0000
NE+3.45	22	DER10	0.0044	-0.0002	-0.0002	0.0002	0.0020	0.0000
NE+3.45	22	DER11	-0.0051	-0.0009	-0.0003	0.0003	-0.0015	0.0000
NE+3.45	22	DER12	-0.0051	0.0026	-0.0002	-0.0007	-0.0015	0.0000
NE+3.45	22	DER13	0.0011	0.0070	-0.0002	-0.0020	0.0008	0.0000
NE+3.45	22	DER14	-0.0018	0.0068	-0.0002	-0.0020	-0.0003	0.0000
NE+3.45	22	DER15	-0.0018	-0.0047	-0.0002	0.0014	-0.0003	0.0000
NE+3.45	22	DER16	0.0011	-0.0045	-0.0002	0.0014	0.0008	0.0000
NE+3.45	24	DER1	0.0042	0.0038	-0.0003	-0.0010	0.0013	0.0000
NE+3.45	24	DER2	0.0042	0.0004	-0.0003	-0.0001	0.0013	0.0000
NE+3.45	24	DER3	-0.0052	0.0001	-0.0003	0.0000	-0.0019	0.0000
NE+3.45	24	DER4	-0.0052	0.0035	-0.0003	-0.0009	-0.0019	0.0000
NE+3.45	24	DER5	0.0009	0.0077	-0.0003	-0.0021	0.0002	0.0000
NE+3.45	24	DER6	-0.0019	0.0076	-0.0003	-0.0021	-0.0008	0.0000
NE+3.45	24	DER7	-0.0019	-0.0037	-0.0003	0.0011	-0.0008	0.0000
NE+3.45	24	DER8	0.0009	-0.0036	-0.0003	0.0011	0.0002	0.0000
NE+3.45	24	DER9	0.0044	0.0031	-0.0002	-0.0008	0.0014	0.0000
NE+3.45	24	DER10	0.0044	-0.0003	-0.0002	0.0001	0.0014	0.0000
NE+3.45	24	DER11	-0.0051	-0.0006	-0.0002	0.0002	-0.0018	0.0000
NE+3.45	24	DER12	-0.0051	0.0028	-0.0002	-0.0008	-0.0018	0.0000
NE+3.45	24	DER13	0.0011	0.0069	-0.0002	-0.0019	0.0003	0.0000
NE+3.45	24	DER14	-0.0018	0.0068	-0.0002	-0.0019	-0.0007	0.0000
NE+3.45	24	DER15	-0.0018	-0.0045	-0.0002	0.0013	-0.0007	0.0000
NE+3.45	24	DER16	0.0011	-0.0044	-0.0002	0.0013	0.0003	0.0000
NE+3.45	26	DER1	0.0042	0.0037	-0.0003	-0.0010	0.0013	0.0000
NE+3.45	26	DER2	0.0042	0.0003	-0.0003	0.0000	0.0013	0.0000
NE+3.45	26	DER3	-0.0052	0.0003	-0.0003	0.0000	-0.0019	0.0000
NE+3.45	26	DER4	-0.0052	0.0037	-0.0003	-0.0010	-0.0019	0.0000
NE+3.45	26	DER5	0.0009	0.0076	-0.0003	-0.0021	0.0002	0.0000
NE+3.45	26	DER6	-0.0019	0.0076	-0.0003	-0.0021	-0.0007	0.0000
NE+3.45	26	DER7	-0.0019	-0.0036	-0.0003	0.0011	-0.0007	0.0000
NE+3.45	26	DER8	0.0009	-0.0036	-0.0003	0.0011	0.0002	0.0000
NE+3.45	26	DER9	0.0044	0.0029	-0.0002	-0.0008	0.0014	0.0000
NE+3.45	26	DER10	0.0044	-0.0004	-0.0002	0.0002	0.0014	0.0000
NE+3.45	26	DER11	-0.0051	-0.0004	-0.0002	0.0002	-0.0018	0.0000
NE+3.45	26	DER12	-0.0051	0.0029	-0.0002	-0.0008	-0.0018	0.0000
NE+3.45	26	DER13	0.0011	0.0068	-0.0002	-0.0019	0.0003	0.0000
NE+3.45	26	DER14	-0.0018	0.0068	-0.0002	-0.0019	-0.0007	0.0000
NE+3.45	26	DER15	-0.0018	-0.0043	-0.0002	0.0013	-0.0007	0.0000
NE+3.45	26	DER16	0.0011	-0.0043	-0.0002	0.0013	0.0003	0.0000
NE+3.45	28	DER1	0.0042	0.0035	-0.0003	-0.0010	0.0013	0.0000
NE+3.45	28	DER2	0.0042	0.0002	-0.0003	0.0000	0.0013	0.0000
NE+3.45	28	DER3	-0.0052	0.0006	-0.0003	-0.0001	-0.0019	0.0000
NE+3.45	28	DER4	-0.0052	0.0038	-0.0003	-0.0010	-0.0019	0.0000
NE+3.45	28	DER5	0.0009	0.0075	-0.0003	-0.0021	0.0002	0.0000
NE+3.45	28	DER6	-0.0019	0.0076	-0.0003	-0.0021	-0.0007	0.0000
NE+3.45	28	DER7	-0.0019	-0.0034	-0.0003	0.0010	-0.0007	0.0000
NE+3.45	28	DER8	0.0009	-0.0035	-0.0003	0.0010	0.0002	0.0000
NE+3.45	28	DER9	0.0044	0.0028	-0.0002	-0.0008	0.0014	0.0000
NE+3.45	28	DER10	0.0044	-0.0005	-0.0002	0.0002	0.0014	0.0000
NE+3.45	28	DER11	-0.0051	-0.0002	-0.0002	0.0001	-0.0018	0.0000
NE+3.45	28	DER12	-0.0051	0.0031	-0.0002	-0.0008	-0.0018	0.0000
NE+3.45	28	DER13	0.0011	0.0067	-0.0002	-0.0019	0.0003	0.0000
NE+3.45	28	DER14	-0.0018	0.0068	-0.0002	-0.0019	-0.0007	0.0000
NE+3.45	28	DER15	-0.0018	-0.0041	-0.0002	0.0012	-0.0007	0.0000
NE+3.45	28	DER16	0.0011	-0.0042	-0.0002	0.0012	0.0003	0.0000
NE+3.45	30	DER1	0.0042	0.0034	-0.0002	-0.0010	0.0003	0.0000
NE+3.45	30	DER2	0.0042	0.0001	-0.0002	-0.0001	0.0003	0.0000
NE+3.45	30	DER3	-0.0052	0.0008	-0.0002	-0.0003	-0.0032	0.0000
NE+3.45	30	DER4	-0.0052	0.0040	-0.0002	-0.0011	-0.0032	0.0000
NE+3.45	30	DER5	0.0009	0.0074	-0.0002	-0.0021	-0.0009	0.0000
NE+3.45	30	DER6	-0.0019	0.0076	-0.0002	-0.0021	-0.0020	0.0000
NE+3.45	30	DER7	-0.0019	-0.0032	-0.0002	0.0008	-0.0020	0.0000
NE+3.45	30	DER8	0.0009	-0.0034	-0.0002	0.0009	-0.0009	0.0000
NE+3.45	30	DER9	0.0044	0.0026	-0.0002	-0.0008	0.0007	0.0000
NE+3.45	30	DER10	0.0044	-0.0006	-0.0002	0.0001	0.0007	0.0000
NE+3.45	30	DER11	-0.0051	0.0000	-0.0001	-0.0001	-0.0029	0.0000
NE+3.45	30	DER12	-0.0051	0.0033	-0.0001	-0.0010	-0.0029	0.0000
NE+3.45	30	DER13	0.0011	0.0066	-0.0002	-0.0019	-0.0006	0.0000
NE+3.45	30	DER14	-0.0018	0.0068	-0.0001	-0.0019	-0.0016	0.0000
NE+3.45	30	DER15	-0.0018	-0.0040	-0.0002	0.0010	-0.0016	0.0000
NE+3.45	30	DER16	0.0011	-0.0041	-0.0002	0.0011	-0.0006	0.0000
NE+3.45	33	DER1	0.0043	0.0040	-0.0003	-0.0021	0.0011	0.0000
NE+3.45	33	DER2	0.0043	0.0005	-0.0003	-0.0008	0.0011	0.0000
NE+3.45	33	DER3	-0.0053	-0.0001	-0.0004	-0.0007	-0.0021	0.0000
NE+3.45	33	DER4	-0.0053	0.0033	-0.0004	-0.0019	-0.0021	0.0000
NE+3.45	33	DER5	0.0010	0.0078	-0.0004	-0.0035	0.0000	0.0000
NE+3.45	33	DER6	-0.0019	0.0076	-0.0004	-0.0034	-0.0010	0.0000
NE+3.45	33	DER7	-0.0020	-0.0039	-0.0003	0.0007	-0.0010	0.0000
NE+3.45	33	DER8	0.0009	-0.0037	-0.0003	0.0007	0.0000	0.0000
NE+3.45	33	DER9	0.0044	0.0032	-0.0003	-0.0014	0.0014	0.0000
NE+3.45	33	DER10	0.0044	-0.0002	-0.0002	-0.0002	0.0014	0.0000
NE+3.45	33	DER11	-0.0052	-0.0009	-0.0003	0.0000	-0.0018	0.0000
NE+3.45	33	DER12	-0.0051	0.0026	-0.0003	-0.0013	-0.0018	0.0000
NE+3.45	33	DER13	0.0011	0.0070	-0.0003	-0.0028	0.0003	0.0000
NE+3.45	33	DER14	-0.0018	0.0068	-0.0003	-0.0028	-0.0007	0.0000
NE+3.45	33	DER15	-0.0019	-0.0047	-0.0002	0.0013	-0.0007	0.0000
NE+3.45	33	DER16	0.0010	-0.0045	-0.0002	0.0013	0.0003	0.0000
NE+3.45	34	DER1	0.0043	0.0039	-0.0003	-0.0016	0.0011	0.0000
NE+3.45	34	DER2	0.0043	0.0005	-0.0003	-0.0003	0.0011	0.0000
NE+3.45	34	DER3	-0.0053	0.0000	-0.0003	-0.0001	-0.0016	0.0000
NE+3.45	34	DER4	-0.0053	0.0034	-0.0003	-0.0015	-0.0016	0.0000
NE+3.45	34	DER5	0.0010	0.0077	-0.0003	-0.0032	0.0002	0.0000
NE+3.45	34	DER6	-0.0019	0.0076	-0.0003	-0.0031	-0.0006	0.0000
NE+3.45	34	DER7	-0.0020	-0.0038	-0.0003	0.0014	-0.0007	0.0000
NE+3.45	34	DER8	0.0009	-0.0037	-0.0003	0.0014	0.0001	0.0000
NE+3.45	34	DER9	0.0044	0.0031	-0.0003	-0.0011	0.0012	0.0000
NE+3.45	34	DER10	0.0044	-0.0003	-0.0002	0.0003	0.0011	0.0000
NE+3.45	34	DER11	-0.0052	-0.0007	-0.0002	0.0005	-0.0016	0.0000
NE+3.45	34	DER12	-0.0051	0.0027	-0.0002	-0.0009	-0.0015	0.0000
NE+3.45	34	DER13	0.0011	0.0070	-0.0003	-0.0026	0.0002	0.0000
NE+3.45	34	DER14	-0.0018	0.0068	-0.0003	-0.0026	-0.0006	0.0000
NE+3.45	34	DER15	-0.0019	-0.0046	-0.0002	0.0020	-0.0006	0.0000
NE+3.45	34	DER16	0.0010	-0.0044	-0.0002	0.0019	0.0002	0.0000
NE+3.45	35	DER1	0.0043	0.0038	-0.0003	-0.0020	0.0012	0.0000
NE+3.45	35	DER2	0.0043	0.0004	-0.0003	-0.0009	0.0012	0.0000

NE+6.80	20	DER3	-0.0121	0.0027	-0.0001	0.0000	-0.0020	0.0000
NE+6.80	20	DER4	-0.0122	0.0099	-0.0001	-0.0011	-0.0020	-0.0001
NE+6.80	20	DER5	0.0013	0.0177	-0.0001	-0.0022	0.0000	0.0000
NE+6.80	20	DER6	-0.0050	0.0180	-0.0001	-0.0023	-0.0009	-0.0001
NE+6.80	20	DER7	-0.0047	-0.0061	-0.0002	0.0013	-0.0009	0.0002
NE+6.80	20	DER8	0.0015	-0.0064	-0.0002	0.0013	0.0000	0.0002
NE+6.80	20	DER9	0.0090	0.0071	-0.0002	-0.0007	0.0011	0.0001
NE+6.80	20	DER10	0.0091	-0.0002	-0.0002	0.0004	0.0011	0.0002
NE+6.80	20	DER11	-0.0118	0.0009	-0.0001	0.0003	-0.0019	0.0000
NE+6.80	20	DER12	-0.0118	0.0081	-0.0001	-0.0008	-0.0019	-0.0001
NE+6.80	20	DER13	0.0016	0.0159	-0.0001	-0.0020	0.0000	0.0000
NE+6.80	20	DER14	-0.0046	0.0162	-0.0001	-0.0020	-0.0009	-0.0001
NE+6.80	20	DER15	-0.0044	-0.0079	-0.0002	0.0015	-0.0008	0.0002
NE+6.80	20	DER16	0.0019	-0.0082	-0.0002	0.0016	0.0001	0.0002
NE+6.80	22	DER1	0.0088	0.0093	-0.0004	-0.0013	0.0001	0.0000
NE+6.80	22	DER2	0.0088	0.0008	-0.0004	-0.0001	0.0001	0.0000
NE+6.80	22	DER3	-0.0132	-0.0002	-0.0004	0.0000	-0.0034	0.0001
NE+6.80	22	DER4	-0.0132	0.0083	-0.0004	-0.0012	-0.0034	0.0000
NE+6.80	22	DER5	0.0011	0.0188	-0.0004	-0.0027	-0.0011	-0.0001
NE+6.80	22	DER6	-0.0055	0.0185	-0.0004	-0.0027	-0.0022	-0.0001
NE+6.80	22	DER7	-0.0055	-0.0098	-0.0004	0.0014	-0.0022	0.0001
NE+6.80	22	DER8	0.0011	-0.0095	-0.0004	0.0014	-0.0011	0.0001
NE+6.80	22	DER9	0.0093	0.0076	-0.0003	-0.0011	0.0002	0.0000
NE+6.80	22	DER10	0.0093	-0.0009	-0.0003	0.0002	0.0002	0.0000
NE+6.80	22	DER11	-0.0127	-0.0019	-0.0003	0.0002	-0.0034	0.0001
NE+6.80	22	DER12	-0.0127	0.0065	-0.0003	-0.0010	-0.0034	0.0000
NE+6.80	22	DER13	0.0016	0.0171	-0.0003	-0.0025	-0.0011	-0.0001
NE+6.80	22	DER14	-0.0050	0.0168	-0.0003	-0.0025	-0.0021	-0.0001
NE+6.80	22	DER15	-0.0050	-0.0115	-0.0003	0.0017	-0.0021	0.0001
NE+6.80	22	DER16	0.0016	-0.0112	-0.0003	0.0016	-0.0011	0.0001
NE+6.80	24	DER1	0.0088	0.0091	-0.0003	-0.0013	0.0012	0.0000
NE+6.80	24	DER2	0.0088	0.0011	-0.0003	-0.0002	0.0012	0.0000
NE+6.80	24	DER3	-0.0131	0.0006	-0.0003	-0.0002	-0.0022	0.0000
NE+6.80	24	DER4	-0.0131	0.0085	-0.0003	-0.0013	-0.0022	0.0000
NE+6.80	24	DER5	0.0011	0.0181	-0.0003	-0.0026	0.0000	0.0000
NE+6.80	24	DER6	-0.0054	0.0180	-0.0003	-0.0026	-0.0010	0.0000
NE+6.80	24	DER7	-0.0054	-0.0085	-0.0003	0.0011	-0.0010	0.0000
NE+6.80	24	DER8	0.0011	-0.0083	-0.0003	0.0011	0.0000	0.0000
NE+6.80	24	DER9	0.0093	0.0072	-0.0003	-0.0010	0.0013	0.0000
NE+6.80	24	DER10	0.0093	-0.0007	-0.0003	0.0001	0.0013	0.0000
NE+6.80	24	DER11	-0.0127	-0.0012	-0.0003	0.0001	-0.0021	0.0000
NE+6.80	24	DER12	-0.0127	0.0067	-0.0003	-0.0010	-0.0021	0.0000
NE+6.80	24	DER13	0.0016	0.0163	-0.0003	-0.0023	0.0001	0.0000
NE+6.80	24	DER14	-0.0050	0.0161	-0.0003	-0.0023	-0.0009	0.0000
NE+6.80	24	DER15	-0.0050	-0.0103	-0.0003	0.0014	-0.0009	0.0000
NE+6.80	24	DER16	0.0016	-0.0101	-0.0003	0.0014	0.0001	0.0000
NE+6.80	26	DER1	0.0088	0.0088	-0.0003	-0.0013	0.0012	0.0000
NE+6.80	26	DER2	0.0088	0.0010	-0.0003	-0.0002	0.0012	0.0000
NE+6.80	26	DER3	-0.0131	0.0010	-0.0003	-0.0002	-0.0022	0.0000
NE+6.80	26	DER4	-0.0131	0.0088	-0.0003	-0.0013	-0.0022	0.0000
NE+6.80	26	DER5	0.0011	0.0179	-0.0003	-0.0025	0.0000	0.0000
NE+6.80	26	DER6	-0.0054	0.0179	-0.0003	-0.0025	-0.0010	0.0000
NE+6.80	26	DER7	-0.0054	-0.0081	-0.0003	0.0010	-0.0010	0.0000
NE+6.80	26	DER8	0.0011	-0.0081	-0.0003	0.0010	0.0000	0.0000
NE+6.80	26	DER9	0.0092	0.0070	-0.0003	-0.0010	0.0012	0.0000
NE+6.80	26	DER10	0.0092	-0.0008	-0.0003	0.0001	0.0012	0.0000
NE+6.80	26	DER11	-0.0126	-0.0008	-0.0003	0.0001	-0.0021	0.0000
NE+6.80	26	DER12	-0.0126	0.0070	-0.0003	-0.0010	-0.0021	0.0000
NE+6.80	26	DER13	0.0016	0.0160	-0.0003	-0.0023	0.0001	0.0000
NE+6.80	26	DER14	-0.0050	0.0160	-0.0003	-0.0023	-0.0009	0.0000
NE+6.80	26	DER15	-0.0050	-0.0099	-0.0003	0.0013	-0.0009	0.0000
NE+6.80	26	DER16	0.0016	-0.0099	-0.0003	0.0013	0.0001	0.0000
NE+6.80	28	DER1	0.0088	0.0086	-0.0003	-0.0013	0.0011	0.0000
NE+6.80	28	DER2	0.0087	0.0009	-0.0003	-0.0002	0.0011	0.0000
NE+6.80	28	DER3	-0.0131	0.0014	-0.0003	-0.0003	-0.0022	0.0000
NE+6.80	28	DER4	-0.0131	0.0091	-0.0003	-0.0013	-0.0022	0.0000
NE+6.80	28	DER5	0.0011	0.0177	-0.0003	-0.0025	0.0000	0.0000
NE+6.80	28	DER6	-0.0054	0.0179	-0.0003	-0.0025	-0.0010	0.0000
NE+6.80	28	DER7	-0.0055	-0.0077	-0.0003	0.0010	-0.0010	0.0000
NE+6.80	28	DER8	0.0011	-0.0079	-0.0003	0.0010	0.0000	0.0000
NE+6.80	28	DER9	0.0092	0.0067	-0.0003	-0.0010	0.0012	0.0000
NE+6.80	28	DER10	0.0092	-0.0009	-0.0003	0.0001	0.0012	0.0000
NE+6.80	28	DER11	-0.0126	-0.0004	-0.0003	0.0000	-0.0021	0.0000
NE+6.80	28	DER12	-0.0126	0.0073	-0.0003	-0.0010	-0.0021	0.0000
NE+6.80	28	DER13	0.0016	0.0159	-0.0003	-0.0022	0.0001	0.0000
NE+6.80	28	DER14	-0.0050	0.0160	-0.0003	-0.0023	-0.0009	0.0000
NE+6.80	28	DER15	-0.0050	-0.0095	-0.0003	0.0013	-0.0009	0.0000
NE+6.80	28	DER16	0.0016	-0.0097	-0.0003	0.0013	0.0001	0.0000
NE+6.80	30	DER1	0.0087	0.0089	-0.0002	-0.0014	0.0013	-0.0001
NE+6.80	30	DER2	0.0087	0.0017	-0.0002	-0.0004	0.0013	0.0000
NE+6.80	30	DER3	-0.0132	0.0027	-0.0002	-0.0005	-0.0022	0.0000
NE+6.80	30	DER4	-0.0132	0.0099	-0.0002	-0.0015	-0.0022	0.0000
NE+6.80	30	DER5	0.0010	0.0177	-0.0002	-0.0025	0.0001	-0.0001
NE+6.80	30	DER6	-0.0055	0.0180	-0.0002	-0.0025	-0.0010	-0.0001
NE+6.80	30	DER7	-0.0055	-0.0061	-0.0002	0.0007	-0.0010	0.0001
NE+6.80	30	DER8	0.0010	-0.0064	-0.0002	0.0007	0.0001	0.0001
NE+6.80	30	DER9	0.0092	0.0071	-0.0002	-0.0011	0.0014	-0.0001
NE+6.80	30	DER10	0.0092	-0.0001	-0.0002	-0.0001	0.0014	0.0000
NE+6.80	30	DER11	-0.0127	0.0009	-0.0002	-0.0002	-0.0021	0.0001
NE+6.80	30	DER12	-0.0127	0.0081	-0.0002	-0.0012	-0.0021	0.0000
NE+6.80	30	DER13	0.0015	0.0159	-0.0002	-0.0022	0.0002	-0.0001
NE+6.80	30	DER14	-0.0050	0.0162	-0.0002	-0.0023	-0.0009	-0.0001
NE+6.80	30	DER15	-0.0050	-0.0079	-0.0002	0.0009	-0.0009	0.0001
NE+6.80	30	DER16	0.0015	-0.0082	-0.0002	0.0010	0.0001	0.0001
NE+6.80	33	DER1	0.0090	0.0094	-0.0004	-0.0022	0.0002	-0.0001
NE+6.80	33	DER2	0.0089	0.0009	-0.0004	-0.0008	0.0002	-0.0001
NE+6.80	33	DER3	-0.0127	-0.0001	-0.0005	-0.0008	-0.0030	0.0002
NE+6.80	33	DER4	-0.0126	0.0083	-0.0005	-0.0021	-0.0030	0.0001
NE+6.80	33	DER5	0.0015	0.0189	-0.0005	-0.0037	-0.0010	-0.0001
NE+6.80	33	DER6	-0.0050	0.0186	-0.0005	-0.0037	-0.0019	-0.0001
NE+6.80	33	DER7	-0.0052	-0.0097	-0.0004	0.0008	-0.0019	0.0002
NE+6.80	33	DER8	0.0013	-0.0094	-0.0004	0.0008	-0.0009	0.0001
NE+6.80	33	DER9	0.0094	0.0076	-0.0004	-0.0020	0.0002	-0.0001
NE+6.80	33	DER10	0.0093	-0.0009	-0.0003	-0.0007	0.0002	-0.0001
NE+6.80	33	DER11	-0.0123	-0.0019	-0.0004	-0.0006	-0.0030	0.0001
NE+6.80	33	DER12	-0.0122	0.0066	-0.0004	-0.0020	-0.0030	0.0001
NE+6.80	33	DER13	0.0019	0.0172	-0.0004	-0.0036	-0.0009	-0.0001
NE+6.80	33	DER14	-0.0046	0.0169	-0.0004	-0.0036	-0.0019	-0.0001
NE+6.80	33	DER15	-0.0048	-0.0114	-0.0003	0.0009	-0.0019	0.0001
NE+6.80	33	DER16	0.0017	-0.0111	-0.0003	0.0009	-0.0009	0.0001
NE+6.80	34	DER1	0.0090	0.0099	-0.0004	-0.0026	0.0012	-0.0002
NE+6.80	34	DER2	0.0090	0.0013	-0.0004	-0.0011	0.0012	-0.0001
NE+6.80	34	DER3	-0.0126	0.0004	-0.0004	-0.0010	-0.0017	0.0001
NE+6.80	34	DER4	-0.0125	0.0091	-0.0004	-0.0025	-0.0017	0.0001
NE+6.80	34	DER5	0.0016	0.0198	-0.0004	-0.0043	0.0002	-0.0001
NE+6.80	34	DER6	-0.0049	0.0195	-0.0004	-0.0043	-0.0007	-0.0001
NE+6.80	34	DER7	-0.0051	-0.0094	-0.0004	0.0008	-0.0007	0.0001
NE+6.80	34	DER8	0.0013	-0.0092	-0.0004	0.0007	0.0001	0.0000

NE+3.45	12	DER11	-0.0050	-0.0009	-0.0002	-0.0001	-0.0016	0.0000
NE+3.45	12	DER12	-0.0050	0.0026	-0.0002	-0.0014	-0.0016	0.0000
NE+3.45	12	DER13	0.0010	0.0070	-0.0002	-0.0029	0.0005	0.0000
NE+3.45	12	DER14	-0.0018	0.0068	-0.0002	-0.0029	-0.0005	0.0000
NE+3.45	12	DER15	-0.0017	-0.0047	-0.0002	0.0013	-0.0005	0.0000
NE+3.45	12	DER16	0.0011	-0.0045	-0.0002	0.0012	0.0005	0.0000
NE+3.45	13	DER1	0.0041	0.0039	-0.0002	-0.0026	0.0011	0.0000
NE+3.45	13	DER2	0.0042	0.0005	-0.0002	-0.0012	0.0011	0.0000
NE+3.45	13	DER3	-0.0051	0.0000	-0.0002	-0.0011	-0.0016	0.0000
NE+3.45	13	DER4	-0.0051	0.0034	-0.0002	-0.0025	-0.0016	0.0000
NE+3.45	13	DER5	0.0009	0.0077	-0.0002	-0.0041	0.0001	0.0000
NE+3.45	13	DER6	-0.0019	0.0076	-0.0002	-0.0041	-0.0007	0.0000
NE+3.45	13	DER7	-0.0018	-0.0038	-0.0002	0.0005	-0.0006	0.0000
NE+3.45	13	DER8	0.0010	-0.0037	-0.0002	0.0004	0.0002	0.0000
NE+3.45	13	DER9	0.0043	0.0031	-0.0002	-0.0021	0.0011	0.0000
NE+3.45	13	DER10	0.0043	-0.0003	-0.0002	-0.0008	0.0011	0.0000
NE+3.45	13	DER11	-0.0050	-0.0007	-0.0002	-0.0006	-0.0015	0.0000
NE+3.45	13	DER12	-0.0050	0.0027	-0.0002	-0.0020	-0.0015	0.0000
NE+3.45	13	DER13	0.0010	0.0070	-0.0002	-0.0037	0.0002	0.0000
NE+3.45	13	DER14	-0.0018	0.0068	-0.0002	-0.0036	-0.0006	0.0000
NE+3.45	13	DER15	-0.0017	-0.0046	-0.0002	0.0009	-0.0006	0.0000
NE+3.45	13	DER16	0.0011	-0.0044	-0.0002	0.0009	0.0002	0.0000
NE+3.45	14	DER1	0.0041	0.0038	-0.0002	-0.0018	0.0012	0.0000
NE+3.45	14	DER2	0.0042	0.0004	-0.0002	-0.0006	0.0012	0.0000
NE+3.45	14	DER3	-0.0051	0.0001	-0.0002	-0.0005	-0.0015	0.0000
NE+3.45	14	DER4	-0.0051	0.0035	-0.0002	-0.0017	-0.0015	0.0000
NE+3.45	14	DER5	0.0009	0.0077	-0.0002	-0.0031	0.0002	0.0000
NE+3.45	14	DER6	-0.0019	0.0076	-0.0002	-0.0031	-0.0006	0.0000
NE+3.45	14	DER7	-0.0018	-0.0037	-0.0002	0.0008	-0.0006	0.0000
NE+3.45	14	DER8	0.0010	-0.0036	-0.0002	0.0008	0.0002	0.0000
NE+3.45	14	DER9	0.0043	0.0031	-0.0002	-0.0015	0.0012	0.0000
NE+3.45	14	DER10	0.0043	-0.0003	-0.0002	-0.0003	0.0012	0.0000
NE+3.45	14	DER11	-0.0050	-0.0006	-0.0002	-0.0002	-0.0015	0.0000
NE+3.45	14	DER12	-0.0050	0.0028	-0.0002	-0.0014	-0.0015	0.0000
NE+3.45	14	DER13	0.0010	0.0069	-0.0001	-0.0028	0.0002	0.0000
NE+3.45	14	DER14	-0.0018	0.0068	-0.0001	-0.0028	-0.0006	0.0000
NE+3.45	14	DER15	-0.0017	-0.0045	-0.0002	0.0011	-0.0005	0.0000
NE+3.45	14	DER16	0.0011	-0.0044	-0.0002	0.0011	0.0003	0.0000
NE+3.45	15	DER1	0.0041	0.0037	-0.0002	-0.0026	0.0011	0.0000
NE+3.45	15	DER2	0.0042	0.0004	-0.0002	-0.0012	0.0011	0.0000
NE+3.45	15	DER3	-0.0051	0.0002	-0.0002	-0.0012	-0.0016	0.0000
NE+3.45	15	DER4	-0.0051	0.0036	-0.0002	-0.0025	-0.0016	0.0000
NE+3.45	15	DER5	0.0009	0.0076	-0.0002	-0.0041	0.0002	0.0000
NE+3.45	15	DER6	-0.0019	0.0076	-0.0002	-0.0041	-0.0006	0.0000
NE+3.45	15	DER7	-0.0018	-0.0037	-0.0002	0.0004	-0.0006	0.0000
NE+3.45	15	DER8	0.0010	-0.0036	-0.0002	0.0004	0.0002	0.0000
NE+3.45	15	DER9	0.0043	0.0030	-0.0002	-0.0021	0.0011	0.0000
NE+3.45	15	DER10	0.0043	-0.0004	-0.0002	-0.0007	0.0012	0.0000
NE+3.45	15	DER11	-0.0050	-0.0005	-0.0002	-0.0007	-0.0015	0.0000
NE+3.45	15	DER12	-0.0050	0.0028	-0.0002	-0.0020	-0.0015	0.0000
NE+3.45	15	DER13	0.0010	0.0069	-0.0002	-0.0036	0.0002	0.0000
NE+3.45	15	DER14	-0.0018	0.0068	-0.0002	-0.0036	-0.0006	0.0000
NE+3.45	15	DER15	-0.0017	-0.0044	-0.0002	0.0008	-0.0006	0.0000
NE+3.45	15	DER16	0.0011	-0.0044	-0.0002	0.0008	0.0002	0.0000
NE+3.45	16	DER1	0.0041	0.0037	-0.0002	-0.0017	0.0012	0.0000
NE+3.45	16	DER2	0.0042	0.0003	-0.0002	-0.0006	0.0012	0.0000
NE+3.45	16	DER3	-0.0051	0.0003	-0.0002	-0.0006	-0.0015	0.0000
NE+3.45	16	DER4	-0.0051	0.0037	-0.0002	-0.0017	-0.0015	0.0000
NE+3.45	16	DER5	0.0009	0.0076	-0.0002	-0.0031	0.0002	0.0000
NE+3.45	16	DER6	-0.0019	0.0076	-0.0002	-0.0031	-0.0006	0.0000
NE+3.45	16	DER7	-0.0018	-0.0036	-0.0002	0.0008	-0.0006	0.0000
NE+3.45	16	DER8	0.0010	-0.0036	-0.0002	0.0008	0.0002	0.0000
NE+3.45	16	DER9	0.0043	0.0029	-0.0002	-0.0015	0.0012	0.0000
NE+3.45	16	DER10	0.0043	-0.0004	-0.0002	-0.0003	0.0012	0.0000
NE+3.45	16	DER11	-0.0050	-0.0004	-0.0002	-0.0003	-0.0015	0.0000
NE+3.45	16	DER12	-0.0050	0.0029	-0.0002	-0.0015	-0.0015	0.0000
NE+3.45	16	DER13	0.0010	0.0068	-0.0001	-0.0028	0.0002	0.0000
NE+3.45	16	DER14	-0.0018	0.0068	-0.0001	-0.0028	-0.0006	0.0000
NE+3.45	16	DER15	-0.0017	-0.0043	-0.0002	0.0011	-0.0005	0.0000
NE+3.45	16	DER16	0.0011	-0.0043	-0.0002	0.0011	0.0003	0.0000
NE+3.45	17	DER1	0.0041	0.0036	-0.0002	-0.0025	0.0011	0.0000
NE+3.45	17	DER2	0.0042	0.0003	-0.0002	-0.0012	0.0011	0.0000
NE+3.45	17	DER3	-0.0051	0.0004	-0.0002	-0.0012	-0.0016	0.0000
NE+3.45	17	DER4	-0.0051	0.0038	-0.0002	-0.0026	-0.0016	0.0000
NE+3.45	17	DER5	0.0009	0.0075	-0.0002	-0.0041	0.0002	0.0000
NE+3.45	17	DER6	-0.0019	0.0076	-0.0002	-0.0041	-0.0006	0.0000
NE+3.45	17	DER7	-0.0018	-0.0035	-0.0002	0.0003	-0.0006	0.0000
NE+3.45	17	DER8	0.0010	-0.0035	-0.0002	0.0003	0.0002	0.0000
NE+3.45	17	DER9	0.0043	0.0028	-0.0002	-0.0020	0.0011	0.0000
NE+3.45	17	DER10	0.0043	-0.0005	-0.0002	-0.0007	0.0012	0.0000
NE+3.45	17	DER11	-0.0050	-0.0003	-0.0002	-0.0008	-0.0015	0.0000
NE+3.45	17	DER12	-0.0050	0.0030	-0.0002	-0.0021	-0.0015	0.0000
NE+3.45	17	DER13	0.0010	0.0068	-0.0002	-0.0036	0.0002	0.0000
NE+3.45	17	DER14	-0.0018	0.0068	-0.0002	-0.0036	-0.0006	0.0000
NE+3.45	17	DER15	-0.0017	-0.0042	-0.0002	0.0008	-0.0006	0.0000
NE+3.45	17	DER16	0.0011	-0.0043	-0.0002	0.0008	0.0002	0.0000
NE+3.45	18	DER1	0.0041	0.0035	-0.0002	-0.0017	0.0012	0.0000
NE+3.45	18	DER2	0.0042	0.0002	-0.0002	-0.0006	0.0012	0.0000
NE+3.45	18	DER3	-0.0051	0.0006	-0.0002	-0.0006	-0.0015	0.0000
NE+3.45	18	DER4	-0.0051	0.0038	-0.0002	-0.0018	-0.0015	0.0000
NE+3.45	18	DER5	0.0009	0.0075	-0.0002	-0.0031	0.0002	0.0000
NE+3.45	18	DER6	-0.0019	0.0076	-0.0002	-0.0031	-0.0006	0.0000
NE+3.45	18	DER7	-0.0018	-0.0034	-0.0002	0.0007	-0.0006	0.0000
NE+3.45	18	DER8	0.0010	-0.0035	-0.0002	0.0007	0.0002	0.0000
NE+3.45	18	DER9	0.0043	0.0028	-0.0002	-0.0014	0.0012	0.0000
NE+3.45	18	DER10	0.0043	-0.0005	-0.0002	-0.0003	0.0012	0.0000
NE+3.45	18	DER11	-0.0050	-0.0002	-0.0002	-0.0004	-0.0015	0.0000
NE+3.45	18	DER12	-0.0050	0.0031	-0.0002	-0.0015	-0.0015	0.0000
NE+3.45	18	DER13	0.0010	0.0067	-0.0001	-0.0028	0.0002	0.0000
NE+3.45	18	DER14	-0.0018	0.0068	-0.0001	-0.0028	-0.0006	0.0000
NE+3.45	18	DER15	-0.0017	-0.0041	-0.0002	0.0010	-0.0005	0.0000
NE+3.45	18	DER16	0.0011	-0.0042	-0.0002	0.0010	0.0003	0.0000
NE+3.45	19	DER1	0.0041	0.0034	-0.0002	-0.0025	0.0011	0.0000
NE+3.45	19	DER2	0.0042	0.0002	-0.0002	-0.0012	0.0011	0.0000
NE+3.45	19	DER3	-0.0051	0.0007	-0.0002	-0.0014	-0.0015	0.0000
NE+3.45	19	DER4	-0.0051	0.0039	-0.0002	-0.0027	-0.0015	0.0000
NE+3.45	19	DER5	0.0009	0.0074	-0.0002	-0.0041	0.0002	0.0000
NE+3.45	19	DER6	-0.0019	0.0076	-0.0002	-0.0041	-0.0006	0.0000
NE+3.45	19	DER7	-0.0018	-0.0033	-0.0002	0.0002	-0.0006	0.0000
NE+3.45	19	DER8	0.0010	-0.0034	-0.0002	0.0002	0.0002	0.0000
NE+3.45	19	DER9	0.0043	0.0027	-0.0002	-0.0020	0.0011	0.0000
NE+3.45	19	DER10	0.0043	-0.0006	-0.0002	-0.0008	0.0012	0.0000
NE+3.45	19	DER11	-0.0050	-0.0001	-0.0002	-0.0009	-0.0015	0.0000
NE+3.45	19	DER12	-0.0050	0.0032	-0.0002	-0.0022	-0.0015	0.0000
NE+3.45	19	DER13	0.0010	0.0067	-0.0002	-0.0036	0.0002	0.0000
NE+3.45	19	DER14	-0.0018	0.0068	-0.0002	-0.0036	-0.0006	0.0000
NE+3.45	19	DER15	-0.0017	-0.0040	-0.0002	0.0006	-0.0005	0.0000
NE+3.45	19	DER16	0.0011	-0.0042	-0.0002	0.0007	0.0002	0.0000

NE+3.45	35	DER3	-0.0053	0.0001	-0.0003	-0.0008	-0.0015	0.0000
NE+3.45	35	DER4	-0.0053	0.0035	-0.0003	-0.0020	-0.0015	0.0000
NE+3.45	35	DER5	0.0010	0.0077	-0.0003	-0.0034	0.0003	0.0000
NE+3.45	35	DER6	-0.0019	0.0076	-0.0003	-0.0034	-0.0006	0.0000
NE+3.45	35	DER7	-0.0020	-0.0037	-0.0003	0.0006	-0.0006	0.0000
NE+3.45	35	DER8	0.0009	-0.0036	-0.0003	0.0006	0.0002	0.0000
NE+3.45	35	DER9	0.0044	0.0031	-0.0002	-0.0013	0.0012	0.0000
NE+3.45	35	DER10	0.0044	-0.0003	-0.0002	-0.0002	0.0012	0.0000
NE+3.45	35	DER11	-0.0052	-0.0006	-0.0002	-0.0001	-0.0015	0.0000
NE+3.45	35	DER12	-0.0051	0.0028	-0.0002	-0.0013	-0.0015	0.0000
NE+3.45	35	DER13	0.0011	0.0069	-0.0003	-0.0027	0.0003	0.0000
NE+3.45	35	DER14	-0.0018	0.0068	-0.0003	-0.0027	-0.0005	0.0000
NE+3.45	35	DER15	-0.0019	-0.0045	-0.0002	0.0013	-0.0006	0.0000
NE+3.45	35	DER16	0.0010	-0.0044	-0.0002	0.0012	0.0003	0.0000
NE+3.45	36	DER1	0.0043	0.0037	-0.0003	-0.0016	0.0011	0.0000
NE+3.45	36	DER2	0.0043	0.0004	-0.0003	-0.0003	0.0011	0.0000
NE+3.45	36	DER3	-0.0053	0.0002	-0.0003	-0.0002	-0.0016	0.0000
NE+3.45	36	DER4	-0.0053	0.0036	-0.0003	-0.0016	-0.0016	0.0000
NE+3.45	36	DER5	0.0010	0.0076	-0.0003	-0.0031	0.0002	0.0000
NE+3.45	36	DER6	-0.0019	0.0076	-0.0003	-0.0031	-0.0006	0.0000
NE+3.45	36	DER7	-0.0020	-0.0037	-0.0003	0.0013	-0.0007	0.0000
NE+3.45	36	DER8	0.0009	-0.0036	-0.0003	0.0013	0.0002	0.0000
NE+3.45	36	DER9	0.0044	0.0030	-0.0003	-0.0010	0.0012	0.0000
NE+3.45	36	DER10	0.0044	-0.0004	-0.0002	0.0003	0.0012	0.0000
NE+3.45	36	DER11	-0.0052	-0.0005	-0.0002	0.0003	-0.0015	0.0000
NE+3.45	36	DER12	-0.0051	0.0028	-0.0003	-0.0010	-0.0015	0.0000
NE+3.45	36	DER13	0.0011	0.0069	-0.0003	-0.0026	0.0002	0.0000
NE+3.45	36	DER14	-0.0018	0.0068	-0.0003	-0.0025	-0.0006	0.0000
NE+3.45	36	DER15	-0.0019	-0.0044	-0.0002	0.0019	-0.0006	0.0000
NE+3.45	36	DER16	0.0010	-0.0044	-0.0002	0.0019	0.0002	0.0000
NE+3.45	37	DER1	0.0043	0.0037	-0.0003	-0.0020	0.0012	0.0000
NE+3.45	37	DER2	0.0043	0.0003	-0.0003	-0.0008	0.0012	0.0000
NE+3.45	37	DER3	-0.0053	0.0003	-0.0003	-0.0008	-0.0015	0.0000
NE+3.45	37	DER4	-0.0053	0.0037	-0.0003	-0.0020	-0.0015	0.0000
NE+3.45	37	DER5	0.0010	0.0076	-0.0003	-0.0033	0.0003	0.0000
NE+3.45	37	DER6	-0.0019	0.0076	-0.0003	-0.0033	-0.0006	0.0000
NE+3.45	37	DER7	-0.0020	-0.0036	-0.0003	0.0005	-0.0006	0.0000
NE+3.45	37	DER8	0.0009	-0.0036	-0.0003	0.0005	0.0002	0.0000
NE+3.45	37	DER9	0.0044	0.0029	-0.0002	-0.0013	0.0012	0.0000
NE+3.45	37	DER10	0.0044	-0.0004	-0.0002	-0.0001	0.0012	0.0000
NE+3.45	37	DER11	-0.0052	-0.0004	-0.0002	-0.0001	-0.0015	0.0000
NE+3.45	37	DER12	-0.0051	0.0029	-0.0002	-0.0013	-0.0015	0.0000
NE+3.45	37	DER13	0.0011	0.0068	-0.0003	-0.0027	0.0003	0.0000
NE+3.45	37	DER14	-0.0018	0.0068	-0.0003	-0.0027	-0.0005	0.0000
NE+3.45	37	DER15	-0.0019	-0.0043	-0.0002	0.0012	-0.0006	0.0000
NE+3.45	37	DER16	0.0010	-0.0043	-0.0002	0.0012	0.0003	0.0000
NE+3.45	38	DER1	0.0043	0.0036	-0.0003	-0.0016	0.0011	0.0000
NE+3.45	38	DER2	0.0043	0.0003	-0.0003	-0.0003	0.0011	0.0000
NE+3.45	38	DER3	-0.0053	0.0004	-0.0003	-0.0003	-0.0016	0.0000
NE+3.45	38	DER4	-0.0053	0.0038	-0.0003	-0.0016	-0.0016	0.0000
NE+3.45	38	DER5	0.0010	0.0075	-0.0003	-0.0031	0.0002	0.0000
NE+3.45	38	DER6	-0.0019	0.0076	-0.0003	-0.0031	-0.0006	0.0000
NE+3.45	38	DER7	-0.0020	-0.0035	-0.0003	0.0012	-0.0007	0.0000
NE+3.45	38	DER8	0.0009	-0.0035	-0.0003	0.0012	0.0002	0.0000
NE+3.45	38	DER9	0.0044	0.0028	-0.0003	-0.0010	0.0012	0.0000
NE+3.45	38	DER10	0.0044	-0.0005	-0.0002	0.0003	0.0012	0.0000
NE+3.45	38	DER11	-0.0052	-0.0003	-0.0002	0.0003	-0.0015	0.0000
NE+3.45	38	DER12	-0.0051	0.0030	-0.0003	-0.0010	-0.0015	0.0000
NE+3.45	38	DER13	0.0011	0.0068	-0.0003	-0.0025	0.0002	0.0000
NE+3.45	38	DER14	-0.0018	0.0068	-0.0003	-0.0025	-0.0006	0.0000
NE+3.45	38	DER15	-0.0019	-0.0042	-0.0002	0.0018	-0.0006	0.0000
NE+3.45	38	DER16	0.0010	-0.0043	-0.0002	0.0018	0.0002	0.0000
NE+3.45	39	DER1	0.0043	0.0035	-0.0003	-0.0020	0.0012	0.0000
NE+3.45	39	DER2	0.0043	0.0002	-0.0003	-0.0008	0.0012	0.0000
NE+3.45	39	DER3	-0.0053	0.0006	-0.0003	-0.0009	-0.0015	0.0000
NE+3.45	39	DER4	-0.0053	0.0038	-0.0003	-0.0020	-0.0015	0.0000
NE+3.45	39	DER5	0.0010	0.0075	-0.0003	-0.0033	0.0003	0.0000
NE+3.45	39	DER6	-0.0019	0.0076	-0.0003	-0.0033	-0.0006	0.0000
NE+3.45	39	DER7	-0.0020	-0.0034	-0.0003	0.0005	-0.0006	0.0000
NE+3.45	39	DER8	0.0009	-0.0035	-0.0003	0.0005	0.0002	0.0000
NE+3.45	39	DER9	0.0044	0.0028	-0.0002	-0.0013	0.0013	0.0000
NE+3.45	39	DER10	0.0044	-0.0005	-0.0002	-0.0001	0.0012	0.0000
NE+3.45	39	DER11	-0.0052	-0.0002	-0.0002	-0.0002	-0.0015	0.0000
NE+3.45	39	DER12	-0.0051	0.0031	-0.0002	-0.0014	-0.0015	0.0000
NE+3.45	39	DER13	0.0011	0.0067	-0.0003	-0.0026	0.0003	0.0000
NE+3.45	39	DER14	-0.0018	0.0068	-0.0003	-0.0027	-0.0005	0.0000
NE+3.45	39	DER15	-0.0019	-0.0041	-0.0002	0.0011	-0.0006	0.0000
NE+3.45	39	DER16	0.0010	-0.0042	-0.0002	0.0012	0.0003	0.0000
NE+3.45	40	DER1	0.0043	0.0034	-0.0003	-0.0015	0.0011	0.0000
NE+3.45	40	DER2	0.0043	0.0002	-0.0003	-0.0002	0.0011	0.0000
NE+3.45	40	DER3	-0.0053	0.0007	-0.0003	-0.0004	-0.0016	0.0000
NE+3.45	40	DER4	-0.0053	0.0039	-0.0003	-0.0017	-0.0016	0.0000
NE+3.45	40	DER5	0.0010	0.0074	-0.0003	-0.0031	0.0002	0.0000
NE+3.45	40	DER6	-0.0019	0.0076	-0.0003	-0.0031	-0.0006	0.0000
NE+3.45	40	DER7	-0.0020	-0.0033	-0.0003	0.0012	-0.0006	0.0000
NE+3.45	40	DER8	0.0009	-0.0034	-0.0003	0.0012	0.0002	0.0000
NE+3.45	40	DER9	0.0044	0.0027	-0.0002	-0.0009	0.0012	0.0000
NE+3.45	40	DER10	0.0044	-0.0006	-0.0002	0.0003	0.0012	0.0000
NE+3.45	40	DER11	-0.0052	-0.0001	-0.0003	0.0002	-0.0015	0.0000
NE+3.45	40	DER12	-0.0051	0.0032	-0.0003	-0.0011	-0.0015	0.0000
NE+3.45	40	DER13	0.0011	0.0067	-0.0003	-0.0025	0.0003	0.0000
NE+3.45	40	DER14	-0.0018	0.0068	-0.0003	-0.0025	-0.0005	0.0000
NE+3.45	40	DER15	-0.0019	-0.0040	-0.0002	0.0017	-0.0006	0.0000
NE+3.45	40	DER16	0.0010	-0.0042	-0.0002	0.0018	0.0002	0.0000
NE+3.45	41	DER1	0.0043	0.0034	-0.0003	-0.0020	0.0012	0.0000
NE+3.45	41	DER2	0.0043	0.0001	-0.0003	-0.0009	0.0012	0.0000
NE+3.45	41	DER3	-0.0053	0.0008	-0.0002	-0.0010	-0.0020	0.0000
NE+3.45	41	DER4	-0.0053	0.0040	-0.0003	-0.0021	-0.0020	0.0000
NE+3.45	41	DER5	0.0010	0.0074	-0.0003	-0.0033	0.0001	0.0000
NE+3.45	41	DER6	-0.0019	0.0076	-0.0003	-0.0033	-0.0009	0.0000
NE+3.45	41	DER7	-0.0020	-0.0032	-0.0002	0.0003	-0.0009	0.0000
NE+3.45	41	DER8	0.0009	-0.0034	-0.0002	0.0003	0.0000	0.0000
NE+3.45	41	DER9	0.0044	0.0026	-0.0002	-0.0013	0.0013	0.0000
NE+3.45	41	DER10	0.0044	-0.0006	-0.0002	-0.0002	0.0013	0.0000
NE+3.45	41	DER11	-0.0052	0.0000	-0.0002	-0.0004	-0.0020	0.0000
NE+3.45	41	DER12	-0.0051	0.0033	-0.0002	-0.0015	-0.0019	0.0000
NE+3.45	41	DER13	0.0011	0.0066	-0.0002	-0.0026	0.0002	0.0000
NE+3.45	41	DER14	-0.0018	0.0068	-0.0002	-0.0027	-0.0008	0.0000
NE+3.45	41	DER15	-0.0019	-0.0040	-0.0002	0.0009	-0.0008	0.0000
NE+3.45	41	DER16	0.0010	-0.0041	-0.0002	0.0010	0.0001	0.0000

2.5 VERIFICACIÓN TORSIÓN ACCIDENTAL

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO X)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	12	0.02237	33	0.02274	0.02274	0.02706	NO TORSION
NE+3.45	12	0.01773	33	0.01789	0.01789	0.02137	NO TORSION

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO Y)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	12	0.03002	33	0.03013	0.03013	0.03609	NO TORSION
NE+3.45	12	0.01849	33	0.01823	0.01849	0.02203	NO TORSION

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO X)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	20	0.02226	41	0.02260	0.02260	0.02692	NO TORSION
NE+3.45	20	0.01861	41	0.01896	0.01896	0.02254	NO TORSION

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO Y)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	20	0.02564	41	0.02564	0.02564	0.03077	NO TORSION
NE+3.45	20	0.01759	41	0.01755	0.01759	0.02109	NO TORSION

3 DISEÑO DE LA ESTRUCTURA

3.1 DISEÑO DE VIGAS Y COLUMNAS

Story	Label	Design Sect	Station m	AsTopComb o	AsMinTop cm²	AsTop cm²	AsBot Combo	AsMinBot cm²	AsBot cm²	VCombo	VRebar cm²/m	TLng Combo	TLngRebar cm²	TTrn Combo	TTrnRebar cm²/m	WarnMsg	ErrMsg
NE+6.80	B1	V15X35	0.000	COMB6	0.200	0.200	COMB8	0.100	0.100	COMB18	0.000	COMB18	1.700	COMB5	1.600	No Message	No Message
NE+6.80	B1	V15X35	1.090	COMB8	1.100	1.100	COMB8	0.600	0.600	COMB18	0.000	COMB18	1.700	COMB5	1.600	No Message	No Message
NE+6.80	B1	V15X35	2.180	COMB8	1.500	2.200	COMB8	1.000	1.000	COMB16	1.300	COMB18	1.700	COMB5	1.600	No Message	No Message
NE+6.80	B2	V15X35	0.000	COMB6	1.500	2.300	COMB8	1.000	1.000	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B2	V15X35	2.260	COMB8	0.700	0.700	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B2	V15X35	4.520	COMB1	1.500	1.600	COMB7	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B3	V15X35	0.000	COMB1	1.500	1.700	COMB8	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B3	V15X35	2.175	COMB8	0.500	0.500	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B3	V15X35	4.350	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B4	V15X35	0.000	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B4	V15X35	2.260	COMB8	0.500	0.500	COMB2	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B4	V15X35	4.520	COMB1	1.500	1.800	COMB7	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B5	V15X35	0.000	COMB1	1.500	1.800	COMB8	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B5	V15X35	2.175	COMB8	0.500	0.500	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B5	V15X35	4.350	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B6	V15X35	0.000	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B6	V15X35	2.260	COMB1	0.500	0.500	COMB2	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B6	V15X35	4.520	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B7	V15X35	0.000	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B7	V15X35	2.175	COMB1	0.500	0.500	COMB2	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B7	V15X35	4.350	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B8	V15X35	0.000	COMB1	1.500	1.800	COMB9	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B8	V15X35	2.260	COMB9	0.500	0.500	COMB1	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B8	V15X35	4.520	COMB1	1.500	1.600	COMB1	0.700	0.700	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B9	V15X35	0.000	COMB1	1.500	1.600	COMB5	0.700	0.700	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B9	V15X35	2.175	COMB5	0.400	0.400	COMB10	1.500	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B9	V15X35	4.350	COMB4	0.700	0.700	COMB10	0.200	0.200	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B10	V15X35	0.000	COMB10	0.200	0.200	COMB4	0.100	0.100	COMB18	0.000	COMB7	1.800	COMB9	1.600	No Message	No Message
NE+6.80	B10	V15X35	1.090	COMB10	0.700	0.700	COMB4	0.600	0.600	COMB18	0.000	COMB7	1.800	COMB9	1.600	No Message	No Message
NE+6.80	B10	V15X35	2.180	COMB10	1.500	2.100	COMB10	0.900	0.900	COMB15	1.300	COMB7	1.800	COMB9	1.600	No Message	No Message
NE+6.80	B11	V30X35	0.000	COMB17	0.200	0.200	COMB9	0.400	0.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B11	V30X35	0.978	COMB1	3.100	4.300	COMB1	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B11	V30X35	1.955	COMB1	3.100	10.300	COMB1	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B12	V30X35	0.000	COMB10	0.200	0.200	COMB10	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B12	V30X35	0.978	COMB1	3.100	4.700	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B12	V30X35	1.955	COMB1	3.100	10.400	COMB1	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B13	V30X35	0.000	COMB17	0.200	0.200	COMB17	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B13	V30X35	0.978	COMB1	3.100	4.800	COMB9	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B13	V30X35	1.955	COMB1	3.100	10.700	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B14	V30X35	0.000	COMB10	0.200	0.200	COMB10	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B14	V30X35	0.978	COMB1	3.100	4.800	COMB1	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B14	V30X35	1.955	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B15	V30X35	0.000	COMB17	0.200	0.200	COMB17	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B15	V30X35	0.978	COMB1	3.100	4.800	COMB9	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B15	V30X35	1.955	COMB1	3.100	10.700	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B16	V30X35	0.000	COMB10	0.200	0.200	COMB10	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B16	V30X35	0.978	COMB1	3.100	4.800	COMB1	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B16	V30X35	1.955	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B17	V30X35	0.000	COMB17	0.200	0.200	COMB17	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B17	V30X35	0.978	COMB1	3.100	4.800	COMB9	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B17	V30X35	1.955	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B18	V30X35	0.000	COMB10	0.200	0.200	COMB9	0.300	0.300	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B18	V30X35	0.978	COMB1	3.100	5.000	COMB1	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B18	V30X35	1.955	COMB1	3.100	11.200	COMB1	3.100	3.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B19	V30X35	0.000	COMB9	0.200	0.200	COMB9	0.200	0.200	COMB16	0.700	COMB17	3.600	COMB4	2.100	No Message	No Message
NE+6.80	B19	V30X35	0.978	COMB1	2.900	2.900	COMB9	1.200	1.200	COMB16	0.700	COMB17	3.600	COMB4	2.100	No Message	No Message
NE+6.80	B19	V30X35	1.955	COMB1	3.100	4.700	COMB1	2.000	2.000	COMB16	0.700	COMB17	3.600	COMB4	2.100	No Message	No Message
NE+6.80	B20	V30X35	0.000	COMB13	0.200	0.200	COMB5	0.400	0.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B20	V30X35	0.978	COMB1	3.100	4.400	COMB1	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B20	V30X35	1.955	COMB1	3.100	10.000	COMB10	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+6.80	B21	V30X35	0.225	COMB5	3.100	5.100	COMB5	2.900	2.900	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B21	V30X35	2.260	COMB5	2.200	2.200	COMB5	2.200	2.200	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B21	V30X35	4.295	COMB4	3.100	3.100	COMB14	3.100	3.100	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B22	V30X35	0.225	COMB5	3.100	3.800	COMB5	2.200	2.200	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B22	V30X35	2.175	COMB5	1.700	1.700	COMB5	1.700	1.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B22	V30X35	4.125	COMB12	3.100	3.100	COMB13	3.100	3.100	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B23	V30X35	0.225	COMB6	3.100	3.700	COMB5	2.000	2.000	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B23	V30X35	2.260	COMB5	1.500	1.500	COMB5	1.500	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B23	V30X35	4.295	COMB12	3.100	3.100	COMB14	2.800	2.800	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B24	V30X35	0.225	COMB6	3.100	3.600	COMB5	1.800	1.800	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B24	V30X35	2.175	COMB5	1.300	1.300	COMB5	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B24	V30X35	4.125	COMB12	3.100	3.100	COMB14	2.800	2.800	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B25	V30X35	0.225	COMB6	3.100	3.400	COMB12	1.600	1.600	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B25	V30X35	2.260	COMB6	1.100	1.100	COMB6	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B25	V30X35	4.295	COMB12	3.100	3.100	COMB14	2.400	2.400	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B26	V30X35	0.225	COMB6	3.100	3.300	COMB12	1.800	1.800	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B26	V30X35	2.175	COMB6	0.900	0.900	COMB6	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B26	V30X35	4.125	COMB12	3.100	3.100	COMB14	2.500	2.500	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B27	V30X35	0.225	COMB6	3.100	3.200	COMB12	1.700	1.700	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B27	V30X35	2.260	COMB6	0.700	0.700	COMB2	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B27	V30X35	4.295	COMB12	3.100	3.100	COMB14	2.200	2.200	COMB4	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B28	V30X35	0.225	COMB6	3.100	3.100	COMB12	1.900	1.900	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B28	V30X35	2.175	COMB11	0.700	0.700	COMB11	0.700	0.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B28	V30X35	4.125	COMB12	3.100	3.100	COMB14	2.400	2.400	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B29	V15X35	0.000	COMB10	1.500	2.200	COMB4	1.000	1.000	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B29	V15X35	2.155	COMB4	0.700	0.700	COMB7	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B29	V15X35	4.310	COMB10	1.500	1.500	COMB3	0.700	0.700	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B30	V30X35	0.225	COMB9	3.100	5.800	COMB9	3.000	3.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B30	V30X35	2.155	COMB9	2.100	2.100	COMB9	2.100	2.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B30	V30X35	4.085	COMB7	3.100	5.400	COMB18	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B31	V30X35	0.225	COMB9	3.100	5.700	COMB10	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B31	V30X35	2.268	COMB10	1.700	1.700	COMB7	2.700	2.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B31	V30X35	4.310	COMB1	0.400	0.400	COMB10	2.200	2.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B32	V30X35	0.225	COMB9	3.100	4.900	COMB15	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B32	V30X35	2.155	COMB9	2.000	2.000	COMB9	2.000	2.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B32	V30X35	4.085	COMB7	3.100	4.400	COMB18	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B33	V30X35	0.225	COMB9	3.100	5.700	COMB9	2.700	2.700	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B33	V30X35	2.268	COMB10	1.700	1.700	COMB7	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B33	V30X35	4.310	COMB1	0.400	0.400	COMB9	2.400	2.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B34	V30X35	0.225	COMB9	3.100	4.800	COMB16	3.000	3.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B34	V30X35	2.155	COMB9	2.000	2.000	COMB9	2.000	2.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B34	V30X35	4.085	COMB8	3.100	4.400	COMB18	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B35	V30X35	0.225	COMB10	3.100	5.700	COMB10	2.700	2.700	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B35	V30X35	2.268	COMB10	1.700	1.700	COMB8	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B35	V30X35	4.310	COMB1	0.400	0.400	COMB9	2.400	2.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B36	V30X35	0.225	COMB10	3.100	4.800	COMB16	3.000	3.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B36	V30X35	2.155	COMB10	2.000	2.000	COMB10	2.000	2.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B36	V30X35	4.085	COMB8	3.100	4.300	COMB18	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B37	V30X35	0.225	COMB10	3.100	5.600	COMB10	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B37	V30X35	2.268	COMB10	1.700	1.700	COMB8	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B37	V30X35	4.310	COMB1	0.400	0.400	COMB9	2.400	2.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B38	V30X35	0.225	COMB10	3.100	3.400	COMB16	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B38	V30X35	2.155	COMB8	1.400	1.400	COMB8	1.400	1.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B38	V30X35	4.085	COMB8	3.100	4.600	COMB18	2.300	2.300	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B39	V30X35	0.000	COMB14	0.200	0.200	COMB14	0.200	0.200	COMB18	2.500	COMB16	3.600	COMB7	1.000	No Message	No Message
NE+6.80	B39	V30X35	0.978	COMB1	3.100	4.200	COMB6	2.300	2.300	COMB18	2.500	COMB16	3.600	COMB7	1.000	No Message	No Message
NE+6.80	B39	V30X35	1.955	COMB1	3.100	9.400	COMB10	3.100	3.100	COMB18	2.500	COMB16	3.600	COMB7	1.000	No Message	No Message
NE+6.80	B40	V30X35	0.225	COMB5	3.100	4.900	COMB5	2.500	2.500	COMB6	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B40	V30X35	2.373	COMB6	1.800	1.800	COMB6	1.800	1.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B40	V30X35	4.520	COMB6	0.500	0.500	COMB5	3.000	3.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B41	V30X35	0.000	COMB6	0.600	0.600	COMB2	2.800	2.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B41	V30X35	2.063	COMB6	1.100	1.100	COMB6	2.200	2.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B41	V30X35	4.125	COMB4	3.100	3.100	COMB4	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B42	V30X35	0.225	COMB5	3.100	4.000	COMB5	1.900	1.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B42	V30X35	2.373	COMB6	1.200	1.200	COMB6	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B42	V30X35	4.520	COMB6	0.200	0.200	COMB2	2.500	2.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B43	V30X35	0.000	COMB14	0.300	0.300	COMB2	2.400	2.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B43	V30X35	2.063	COMB6	0.700	0.700	COMB6	1.700	1.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B43	V30X35	4.125	COMB12	3.100	3.100	COMB3	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B44	V30X35	0.225	COMB5	3.100	3.700	COMB6	1.500	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B44	V30X35	2.373	COMB6	0.900	0.900	COMB3	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B44	V30X35	4.520	COMB18	0.000	0.000	COMB2	2.300	2.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B45	V30X35	0.000	COMB14	0.100	0.100	COMB2	2.200	2.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B45	V30X35	2.063	COMB3	0.500	0.500	COMB6	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B45	V30X35	4.125	COMB4	3.100	3.100	COMB3	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B46	V30X35	0.225	COMB5	3.100	3.500	COMB6	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B46	V30X35	2.373	COMB6	0.500	0.500	COMB11	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B46	V30X35	4.520	COMB18	0.000	0.000	COMB2	2.100	2.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B47	V30X35	0.000	COMB18	0.000	0.000	COMB2	2.000	2.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B47	V30X35	2.063	COMB3	0.400	0.400	COMB14	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B47	V30X35	4.125	COMB12	3.100	3.100	COMB3	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B48	V15X35	0.000	COMB10	1.500	1.500	COMB4	0.700	0.700	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B48	V15X35	2.075	COMB3	0.700	0.700	COMB10	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B48	V15X35	4.150	COMB7	1.500	2.300	COMB3	1.100	1.100	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B49	V30X35	0.225	COMB9	3.100	4.200	COMB7	3.100	3.700	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B49	V30X35	2.075	COMB8	2.600	2.600	COMB8	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B49	V30X35	3.925	COMB8	3.100	7.100	COMB8	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B50	V30X35	0.000	COMB1	0.400	0.400	COMB2	2.300	2.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B50	V30X35	1.963	COMB7	1.900	1.900	COMB9	2.100	2.100	COMB8	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B50	V30X35	3.925	COMB7	3.100	6.600	COMB7	3.000	3.000	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B51	V30X35	0.225	COMB9	3.100	3.200	COMB7	3.100	4.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B51	V30X35	2.075	COMB7	2.600	2.600	COMB7	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B51	V30X35	3.925	COMB7	3.100	6.500	COMB8	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B52	V30X35	0.000	COMB1	0.400	0.400	COMB2	2.500	2.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B52	V30X35	1.963	COMB7	2.000	2.000	COMB9	2.100	2.100	COMB8	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B52	V30X35	3.925	COMB7	3.100	6.700	COMB7	3.000	3.000	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+6.80	B53	V30X35	0.225	COMB18	3.100	3.100	COMB8	3.100	4.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B53	V30X35	2.075	COMB8	2.600	2.600	COMB8	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B53	V30X35	3.925	COMB8	3.100	6.400	COMB8	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B54	V30X35	0.000	COMB1	0.400	0.400	COMB2	2.500	2.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B54	V30X35	1.963	COMB8	2.000	2.000	COMB10	2.100	2.100	COMB8	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B54	V30X35	3.925	COMB8	3.100	6.600	COMB8	3.000	3.000	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B55	V30X35	0.225	COMB18	3.100	3.100	COMB8	3.100	4.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B55	V30X35	2.075	COMB8	2.600	2.600	COMB8	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B55	V30X35	3.925	COMB8	3.100	6.400	COMB8	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B56	V30X35	0.000	COMB1	0.400	0.400	COMB2	2.500	2.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B56	V30X35	1.963	COMB8	1.900	1.900	COMB10	2.000	2.000	COMB8	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B56	V30X35	3.925	COMB8	3.100	6.600	COMB8	3.000	3.000	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B57	V30X35	0.225	COMB18	3.100	3.100	COMB8	3.100	3.900	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B57	V30X35	2.075	COMB8	2.600	2.600	COMB8	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B57	V30X35	3.925	COMB8	3.100	6.500	COMB8	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B58	V30X35	0.000	COMB14	0.200	0.200	COMB6	0.400	0.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B58	V30X35	0.978	COMB1	3.100	4.400	COMB1	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B58	V30X35	1.955	COMB1	3.100	9.900	COMB10	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B59	V30X35	0.225	COMB6	3.100	5.100	COMB6	3.000	3.000	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B59	V30X35	2.260	COMB6	2.300	2.300	COMB6	2.300	2.300	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B59	V30X35	4.295	COMB4	3.100	3.100	COMB14	3.100	3.100	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B60	V30X35	0.225	COMB6	3.100	3.900	COMB6	2.300	2.300	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B60	V30X35	2.175	COMB6	1.800	1.800	COMB6	1.800	1.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B60	V30X35	4.125	COMB12	3.100	3.100	COMB14	3.100	3.100	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B61	V30X35	0.225	COMB5	3.100	3.800	COMB6	2.100	2.100	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B61	V30X35	2.260	COMB6	1.600	1.600	COMB6	1.600	1.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B61	V30X35	4.295	COMB12	3.100	3.100	COMB13	2.900	2.900	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B62	V30X35	0.225	COMB6	3.100	3.700	COMB11	2.100	2.100	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B62	V30X35	2.175	COMB6	1.400	1.400	COMB6	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B62	V30X35	4.125	COMB12	3.100	3.100	COMB14	2.900	2.900	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B63	V30X35	0.225	COMB5	3.100	3.500	COMB11	2.000	2.000	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B63	V30X35	2.260	COMB6	1.200	1.200	COMB6	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B63	V30X35	4.295	COMB12	3.100	3.100	COMB13	2.500	2.500	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B64	V30X35	0.225	COMB5	3.100	3.400	COMB11	2.200	2.200	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B64	V30X35	2.175	COMB6	1.000	1.000	COMB6	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B64	V30X35	4.125	COMB12	3.100	3.100	COMB13	2.600	2.600	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B65	V30X35	0.225	COMB5	3.100	3.300	COMB11	2.100	2.100	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B65	V30X35	2.260	COMB3	1.000	1.000	COMB3	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B65	V30X35	4.295	COMB12	3.100	3.100	COMB13	2.300	2.300	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B66	V30X35	0.225	COMB5	3.100	3.100	COMB11	2.500	2.500	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B66	V30X35	2.175	COMB3	1.200	1.200	COMB3	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B66	V30X35	4.125	COMB3	3.100	3.300	COMB13	2.200	2.200	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B67	V30X35	0.225	COMB10	3.100	3.100	COMB1	1.200	1.200	COMB18	0.000	COMB11	3.100	COMB1	3.200	No Message	No Message
NE+6.80	B67	V30X35	1.053	COMB1	1.500	1.500	COMB1	0.700	0.700	COMB18	0.000	COMB11	3.100	COMB1	3.200	No Message	No Message
NE+6.80	B67	V30X35	1.880	COMB3	0.100	0.100	COMB3	0.100	0.100	COMB18	0.000	COMB11	3.100	COMB1	3.200	No Message	No Message
NE+6.80	B68	V15X35	0.000	COMB7	1.500	2.200	COMB7	1.000	1.000	COMB18	1.300	COMB13	1.800	COMB8	1.700	No Message	No Message
NE+6.80	B68	V15X35	1.090	COMB7	0.800	0.800	COMB3	0.600	0.600	COMB18	0.000	COMB13	1.800	COMB8	1.700	No Message	No Message
NE+6.80	B68	V15X35	2.180	COMB7	0.200	0.200	COMB3	0.100	0.100	COMB18	0.000	COMB13	1.800	COMB8	1.700	No Message	No Message
NE+6.80	B69	V30X35	0.225	COMB1	3.100	10.300	COMB1	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B69	V30X35	1.203	COMB1	3.100	4.300	COMB1	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B69	V30X35	2.180	COMB8	0.200	0.200	COMB8	0.400	0.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B70	V30X35	0.225	COMB1	3.100	10.400	COMB1	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B70	V30X35	1.203	COMB1	3.100	4.600	COMB1	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B70	V30X35	2.180	COMB15	0.200	0.200	COMB15	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B71	V30X35	0.225	COMB1	3.100	10.800	COMB1	3.100	3.300	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B71	V30X35	1.203	COMB1	3.100	4.800	COMB7	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B71	V30X35	2.180	COMB7	0.300	0.300	COMB8	0.300	0.300	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B72	V30X35	0.225	COMB1	3.100	10.700	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B72	V30X35	1.203	COMB1	3.100	4.800	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B72	V30X35	2.180	COMB15	0.200	0.200	COMB15	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B73	V30X35	0.225	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B73	V30X35	1.203	COMB1	3.100	4.800	COMB8	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B73	V30X35	2.180	COMB8	0.300	0.300	COMB8	0.300	0.300	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B74	V30X35	0.225	COMB1	3.100	10.700	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B74	V30X35	1.203	COMB1	3.100	4.800	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B74	V30X35	2.180	COMB15	0.200	0.200	COMB15	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B75	V30X35	0.225	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B75	V30X35	1.203	COMB1	3.100	4.800	COMB8	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B75	V30X35	2.180	COMB8	0.300	0.300	COMB8	0.300	0.300	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B76	V30X35	0.225	COMB1	3.100	10.400	COMB1	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B76	V30X35	1.203	COMB1	3.100	4.600	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B76	V30X35	2.180	COMB15	0.200	0.200	COMB15	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B77	V30X35	0.225	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB6	3.600	COMB5	0.900	No Message	No Message
NE+6.80	B77	V30X35	1.203	COMB1	3.100	4.800	COMB1	2.500	2.500	COMB18	2.500	COMB6	3.600	COMB5	0.900	No Message	No Message
NE+6.80	B77	V30X35	2.180	COMB16	0.200	0.200	COMB7	0.300	0.300	COMB18	2.500	COMB6	3.600	COMB5	0.900	No Message	No Message
NE+6.80	B78	V15X35	0.000	COMB6	1.100	1.100	COMB6	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B78	V15X35	1.090	COMB6	0.300	0.300	COMB6	0.300	0.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B78	V15X35	2.180	COMB8	0.100	0.100	COMB8	0.100	0.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B79	V15X35	0.000	COMB5	0.200	0.200	COMB9	0.100	0.100	COMB18	0.000	COMB15	1.700	COMB6	1.600	No Message	No Message
NE+6.80	B79	V15X35	1.090	COMB9	1.100	1.100	COMB9	0.600	0.600	COMB18	0.000	COMB15	1.700	COMB6	1.600	No Message	No Message
NE+6.80	B79	V15X35	2.180	COMB9	1.500	2.200	COMB9	1.000	1.000	COMB17	1.300	COMB15	1.700	COMB6	1.600	No Message	No Message
NE+6.80	B80	V15X35	0.000	COMB5	1.500	2.300	COMB9	1.100	1.100	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B80	V15X35	2.260	COMB9	0.700	0.700	COMB3	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B80	V15X35	4.520	COMB1	1.500	1.600	COMB10	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B81	V15X35	0.000	COMB1	1.500	1.600	COMB9	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B81	V15X35	2.175	COMB9	0.500	0.500	COMB2	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B81	V15X35	4.350	COMB1	1.500	1.700	COMB10	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B82	V15X35	0.000	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B82	V15X35	2.260	COMB10	0.600	0.600	COMB2	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B82	V15X35	4.520	COMB1	1.500	1.800	COMB10	0.900	0.900	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B83	V15X35	0.000	COMB1	1.500	1.700	COMB9	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B83	V15X35	2.175	COMB9	0.500	0.500	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B83	V15X35	4.350	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B84	V15X35	0.000	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B84	V15X35	2.260	COMB10	0.500	0.500	COMB2	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B84	V15X35	4.520	COMB1	1.500	1.700	COMB10	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+6.80	B85	V15X35	0.000	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B85	V15X35	2.175	COMB4	0.500	0.500	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B85	V15X35	4.350	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B86	V15X35	0.000	COMB1	1.500	1.800	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B86	V15X35	2.260	COMB4	0.500	0.500	COMB2	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B86	V15X35	4.520	COMB1	1.500	1.700	COMB4	0.700	0.700	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B87	V15X35	0.000	COMB1	1.500	1.600	COMB10	0.700	0.700	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B87	V15X35	2.175	COMB4	0.600	0.600	COMB2	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B87	V15X35	4.350	COMB1	1.500	2.300	COMB4	1.000	1.000	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B88	V15X35	0.000	COMB1	1.500	2.400	COMB1	1.000	1.000	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B88	V15X35	0.940	COMB4	0.900	0.900	COMB4	0.600	0.600	COMB4	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B88	V15X35	1.880	COMB4	0.100	0.100	COMB10	0.100	0.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B20	V35X45	0.000	COMB2	0.008	0.008	COMB2	0.000	0.000	COMB18	1.000	COMB18	5.400	COMB9	1.200	No Message	No Message
NE+3.45	B20	V35X45	0.978	COMB2	2.100	2.100	COMB2	1.400	1.400	COMB18	1.000	COMB18	5.400	COMB9	1.200	No Message	No Message
NE+3.45	B20	V35X45	1.955	COMB2	4.800	5.300	COMB2	2.300	2.300	COMB8	2.900	COMB18	5.400	COMB9	1.200	No Message	No Message
NE+3.45	B21	V35X45	0.225	COMB6	4.800	7.200	COMB12	3.300	3.300	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B21	V35X45	2.260	COMB6	1.800	1.800	COMB2	3.000	3.000	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B21	V35X45	4.295	COMB4	4.800	6.100	COMB14	3.300	3.300	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B22	V35X45	0.225	COMB6	4.800	6.700	COMB6	2.800	2.800	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B22	V35X45	2.175	COMB6	1.700	1.700	COMB2	2.600	2.600	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B22	V35X45	4.125	COMB4	4.800	5.800	COMB14	3.400	3.400	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B23	V35X45	0.225	COMB6	4.800	6.800	COMB6	2.900	2.900	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B23	V35X45	2.260	COMB6	1.700	1.700	COMB2	2.900	2.900	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B23	V35X45	4.295	COMB4	4.800	5.900	COMB14	3.100	3.100	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B24	V35X45	0.225	COMB6	4.800	6.600	COMB6	2.800	2.800	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B24	V35X45	2.175	COMB6	1.700	1.700	COMB2	2.700	2.700	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B24	V35X45	4.125	COMB4	4.800	5.800	COMB14	3.400	3.400	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B25	V35X45	0.225	COMB6	4.800	6.700	COMB6	2.900	2.900	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B25	V35X45	2.260	COMB6	1.700	1.700	COMB2	2.900	2.900	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B25	V35X45	4.295	COMB4	4.800	5.900	COMB14	3.100	3.100	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B26	V35X45	0.225	COMB6	4.800	6.600	COMB6	2.800	2.800	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B26	V35X45	2.175	COMB6	1.700	1.700	COMB2	2.700	2.700	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B26	V35X45	4.125	COMB4	4.800	5.800	COMB14	3.400	3.400	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B27	V35X45	0.225	COMB6	4.800	6.700	COMB6	2.900	2.900	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B27	V35X45	2.260	COMB6	1.700	1.700	COMB2	2.900	2.900	COMB6	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B27	V35X45	4.295	COMB4	4.800	5.900	COMB14	3.000	3.000	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B28	V35X45	0.225	COMB6	4.800	7.000	COMB6	3.000	3.000	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B28	V35X45	2.175	COMB6	1.800	1.800	COMB2	2.800	2.800	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B28	V35X45	4.125	COMB4	4.800	5.900	COMB14	4.300	4.300	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B29	V12X35	0.000	COMB9	0.700	0.700	COMB15	0.200	0.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B29	V12X35	2.155	COMB1	0.200	0.200	COMB8	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B29	V12X35	4.310	COMB1	0.800	0.800	COMB1	0.300	0.300	COMB8	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B30	V35X45	0.225	COMB17	4.800	5.600	COMB7	4.800	6.500	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B30	V35X45	2.155	COMB7	1.900	1.900	COMB7	1.900	1.900	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B30	V35X45	4.085	COMB7	4.800	7.700	COMB18	4.800	4.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B31	V35X45	0.225	COMB9	4.800	9.000	COMB9	3.800	3.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B31	V35X45	2.268	COMB9	2.300	2.300	COMB7	4.200	4.200	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B31	V35X45	4.310	COMB18	0.000	0.000	COMB2	4.800	7.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B32	V35X45	0.225	COMB17	4.800	5.200	COMB7	4.800	6.300	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B32	V35X45	2.155	COMB7	1.900	1.900	COMB7	1.900	1.900	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B32	V35X45	4.085	COMB7	4.800	7.400	COMB17	4.700	4.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B33	V35X45	0.225	COMB9	4.800	8.800	COMB9	3.700	3.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B33	V35X45	2.268	COMB9	2.200	2.200	COMB7	4.200	4.200	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B33	V35X45	4.310	COMB18	0.000	0.000	COMB2	4.800	7.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B34	V35X45	0.225	COMB17	4.800	5.000	COMB7	4.800	6.200	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B34	V35X45	2.155	COMB7	1.900	1.900	COMB7	1.900	1.900	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B34	V35X45	4.085	COMB7	4.800	7.300	COMB17	4.600	4.600	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B35	V35X45	0.225	COMB10	4.800	8.700	COMB10	3.700	3.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B35	V35X45	2.268	COMB10	2.200	2.200	COMB8	4.100	4.100	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B35	V35X45	4.310	COMB18	0.000	0.000	COMB2	4.800	7.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B36	V35X45	0.225	COMB18	4.800	4.900	COMB8	4.800	6.100	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B36	V35X45	2.155	COMB8	1.800	1.800	COMB8	1.800	1.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B36	V35X45	4.085	COMB8	4.800	7.300	COMB18	4.500	4.500	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B37	V35X45	0.225	COMB10	4.800	8.800	COMB10	3.700	3.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B37	V35X45	2.268	COMB10	2.200	2.200	COMB8	4.200	4.200	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B37	V35X45	4.310	COMB18	0.000	0.000	COMB2	4.800	8.000	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B38	V35X45	0.225	COMB18	4.800	4.800	COMB8	4.800	5.900	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B38	V35X45	2.155	COMB8	1.800	1.800	COMB8	1.800	1.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B38	V35X45	4.085	COMB8	4.800	7.200	COMB18	4.100	4.100	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B39	V35X45	0.000	COMB1	0.000	0.000	COMB5	0.007	0.007	COMB16	1.000	COMB16	5.400	COMB7	1.100	No Message	No Message
NE+3.45	B39	V35X45	0.978	COMB2	3.700	3.700	COMB2	2.500	2.500	COMB10	2.900	COMB16	5.400	COMB7	1.100	No Message	No Message
NE+3.45	B39	V35X45	1.955	COMB2	4.800	9.900	COMB2	4.100	4.100	COMB2	3.700	COMB16	5.400	COMB7	1.100	No Message	No Message
NE+3.45	B40	V35X45	0.225	COMB5	4.800	12.800	COMB6	4.800	4.800	COMB5	4.800	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B40	V35X45	2.373	COMB5	3.100	3.100	COMB4	4.800	4.800	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B40	V35X45	4.520	COMB18	0.000	0.000	COMB5	3.600	3.600	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B41	V35X45	0.000	COMB18	0.000	0.000	COMB2	3.600	3.600	COMB9	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B41	V35X45	2.063	COMB4	3.000	3.000	COMB5	4.700	4.700	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B41	V35X45	4.125	COMB4	4.800	12.200	COMB4	4.800	4.800	COMB4	4.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B42	V35X45	0.225	COMB5	4.800	12.900	COMB6	4.800	4.800	COMB5	4.800	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B42	V35X45	2.373	COMB5	3.100	3.100	COMB4	4.800	4.800	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B42	V35X45	4.520	COMB18	0.000	0.000	COMB5	3.700	3.700	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B43	V35X45	0.000	COMB18	0.000	0.000	COMB2	3.600	3.600	COMB9	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B43	V35X45	2.063	COMB4	3.000	3.000	COMB5	4.700	4.700	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B43	V35X45	4.125	COMB4	4.800	12.100	COMB4	4.800	4.800	COMB4	4.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B44	V35X45	0.225	COMB5	4.800	12.900	COMB6	4.800	4.800	COMB5	4.800	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B44	V35X45	2.373	COMB5	3.100	3.100	COMB4	4.800	4.800	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B44	V35X45	4.520	COMB18	0.000	0.000	COMB5	3.700	3.700	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B45	V35X45	0.000	COMB18	0.000	0.000	COMB2	3.600	3.600	COMB9	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B45	V35X45	2.063	COMB4	3.000	3.000	COMB5	4.700	4.700	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B45	V35X45	4.125	COMB4	4.800	12.100	COMB4	4.800	4.800	COMB4	4.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B46	V35X45	0.225	COMB5	4.800	13.100	COMB6	4.800	4.800	COMB5	4.800	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B46	V35X45	2.373	COMB5	3.200	3.200	COMB4	4.700	4.700	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B46	V35X45	4.520	COMB18	0.000	0.000	COMB2	3.500	3.500	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B47	V35X45	0.000	COMB18	0.000	0.000	COMB2	3.500	3.500	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B47	V35X45	2.063	COMB4	2.700	2.700	COMB6	4.800	4.800	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B47	V35X45	4.125	COMB4	4.800	11.100	COMB4	4.600	4.600	COMB4	4.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B48	V12X35	0.000	COMB18	0.700	0.700	COMB18	0.200	0.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B48	V12X35	2.075	COMB7	0.500	0.500	COMB7	0.500	0.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B48	V12X35	4.150	COMB7	1.200	1.800	COMB7	0.800	0.800	COMB16	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+3.45	B49	V35X45	0.225	COMB17	4.800	5.500	COMB7	4.800	6.100	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B49	V35X45	2.075	COMB7	2.300	2.300	COMB7	2.300	2.300	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B49	V35X45	3.925	COMB7	4.800	9.200	COMB18	4.800	4.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B50	V35X45	0.000	COMB18	0.000	0.000	COMB2	4.800	7.900	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B50	V35X45	1.963	COMB7	3.100	3.100	COMB7	3.100	3.100	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B50	V35X45	3.925	COMB7	4.800	12.600	COMB8	4.800	4.800	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B51	V35X45	0.225	COMB17	4.800	5.200	COMB7	4.800	5.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B51	V35X45	2.075	COMB7	2.200	2.200	COMB7	2.200	2.200	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B51	V35X45	3.925	COMB7	4.800	8.900	COMB18	4.800	4.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B52	V35X45	0.000	COMB18	0.000	0.000	COMB2	4.800	7.900	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B52	V35X45	1.963	COMB7	3.000	3.000	COMB7	3.000	3.000	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B52	V35X45	3.925	COMB7	4.800	12.300	COMB8	4.800	4.800	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B53	V35X45	0.225	COMB18	4.800	5.000	COMB8	4.800	5.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B53	V35X45	2.075	COMB8	2.200	2.200	COMB8	2.200	2.200	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B53	V35X45	3.925	COMB8	4.800	8.800	COMB18	4.800	4.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B54	V35X45	0.000	COMB18	0.000	0.000	COMB2	4.800	7.900	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B54	V35X45	1.963	COMB8	3.000	3.000	COMB8	3.000	3.000	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B54	V35X45	3.925	COMB8	4.800	12.300	COMB8	4.800	4.800	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B55	V35X45	0.225	COMB18	4.800	5.000	COMB8	4.800	5.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B55	V35X45	2.075	COMB8	2.200	2.200	COMB8	2.200	2.200	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B55	V35X45	3.925	COMB8	4.800	8.700	COMB18	4.800	4.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B56	V35X45	0.000	COMB18	0.000	0.000	COMB2	4.800	8.200	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B56	V35X45	1.963	COMB8	3.100	3.100	COMB8	3.100	3.100	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B56	V35X45	3.925	COMB8	4.800	12.600	COMB8	4.800	4.800	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B57	V35X45	0.225	COMB18	4.800	4.800	COMB8	4.800	5.600	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B57	V35X45	2.075	COMB8	2.200	2.200	COMB8	2.200	2.200	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B57	V35X45	3.925	COMB8	4.800	8.600	COMB18	4.500	4.500	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B58	V35X45	0.000	COMB18	0.010	0.010	COMB8	0.015	0.015	COMB18	1.100	COMB18	5.400	COMB10	1.100	No Message	No Message
NE+3.45	B58	V35X45	0.978	COMB2	4.100	4.100	COMB2	2.400	2.400	COMB8	2.900	COMB18	5.400	COMB10	1.100	No Message	No Message
NE+3.45	B58	V35X45	1.955	COMB2	4.800	9.500	COMB2	4.000	4.000	COMB17	2.900	COMB18	5.400	COMB10	1.100	No Message	No Message
NE+3.45	B59	V35X45	0.225	COMB5	4.800	8.600	COMB5	3.600	3.600	COMB6	4.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B59	V35X45	2.260	COMB5	2.200	2.200	COMB2	4.400	4.400	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B59	V35X45	4.295	COMB3	4.800	6.900	COMB13	3.100	3.100	COMB4	3.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B60	V35X45	0.225	COMB5	4.800	7.600	COMB5	3.200	3.200	COMB6	3.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B60	V35X45	2.175	COMB5	1.900	1.900	COMB2	4.100	4.100	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B60	V35X45	4.125	COMB3	4.800	6.700	COMB13	3.200	3.200	COMB4	3.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B61	V35X45	0.225	COMB5	4.800	7.700	COMB5	3.300	3.300	COMB6	3.600	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B61	V35X45	2.260	COMB5	2.000	2.000	COMB2	4.500	4.500	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B61	V35X45	4.295	COMB3	4.800	6.900	COMB3	2.900	2.900	COMB4	3.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B62	V35X45	0.225	COMB5	4.800	7.600	COMB5	3.200	3.200	COMB6	3.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B62	V35X45	2.175	COMB5	1.900	1.900	COMB2	4.100	4.100	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B62	V35X45	4.125	COMB3	4.800	6.800	COMB13	3.100	3.100	COMB4	3.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B63	V35X45	0.225	COMB5	4.800	7.700	COMB5	3.300	3.300	COMB6	3.600	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B63	V35X45	2.260	COMB5	1.900	1.900	COMB2	4.500	4.500	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B63	V35X45	4.295	COMB3	4.800	6.900	COMB3	2.900	2.900	COMB4	3.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B64	V35X45	0.225	COMB5	4.800	7.600	COMB5	3.200	3.200	COMB6	3.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B64	V35X45	2.175	COMB5	1.900	1.900	COMB2	4.100	4.100	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B64	V35X45	4.125	COMB3	4.800	6.800	COMB13	3.100	3.100	COMB4	3.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B65	V35X45	0.225	COMB5	4.800	7.700	COMB5	3.300	3.300	COMB6	3.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B65	V35X45	2.260	COMB5	1.900	1.900	COMB2	4.500	4.500	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B65	V35X45	4.295	COMB3	4.800	6.900	COMB3	2.900	2.900	COMB4	3.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B66	V35X45	0.225	COMB5	4.800	7.900	COMB5	3.300	3.300	COMB6	4.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B66	V35X45	2.175	COMB5	2.000	2.000	COMB2	4.200	4.200	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B66	V35X45	4.125	COMB3	4.800	6.900	COMB13	4.000	4.000	COMB4	3.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B67	V35X45	0.225	COMB2	3.700	3.700	COMB2	1.200	1.200	COMB11	1.100	COMB18	5.400	COMB2	2.300	No Message	No Message
NE+3.45	B67	V35X45	1.053	COMB2	1.300	1.300	COMB2	0.700	0.700	COMB11	1.100	COMB18	5.400	COMB2	2.300	No Message	No Message
NE+3.45	B67	V35X45	1.880	COMB5	0.030	0.030	COMB5	0.010	0.010	COMB11	1.100	COMB18	5.400	COMB2	2.300	No Message	No Message
NE+3.45	B68	V12X35	0.000	COMB7	1.200	1.800	COMB7	0.800	0.800	COMB10	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B68	V12X35	1.090	COMB7	0.900	0.900	COMB7	0.500	0.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B68	V12X35	2.180	COMB6	0.017	0.017	COMB12	0.011	0.011	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B69	V35X45	0.225	COMB2	4.800	11.200	COMB2	4.700	4.700	COMB13	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B69	V35X45	1.203	COMB2	4.800	5.200	COMB2	2.800	2.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B69	V35X45	2.180	COMB12	0.008	0.008	COMB6	0.014	0.014	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B70	V35X45	0.225	COMB2	4.800	11.800	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B70	V35X45	1.203	COMB2	4.800	5.400	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B70	V35X45	2.180	COMB9	0.005	0.005	COMB9	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B71	V35X45	0.225	COMB2	4.800	11.700	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B71	V35X45	1.203	COMB2	4.800	5.400	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B71	V35X45	2.180	COMB15	0.000	0.000	COMB9	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B72	V35X45	0.225	COMB2	4.800	12.000	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B72	V35X45	1.203	COMB2	4.800	5.500	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B72	V35X45	2.180	COMB9	0.000	0.000	COMB9	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B73	V35X45	0.225	COMB2	4.800	11.700	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B73	V35X45	1.203	COMB2	4.800	5.400	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B73	V35X45	2.180	COMB16	0.000	0.000	COMB10	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B74	V35X45	0.225	COMB2	4.800	12.000	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B74	V35X45	1.203	COMB2	4.800	5.500	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B74	V35X45	2.180	COMB10	0.000	0.000	COMB10	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B75	V35X45	0.225	COMB2	4.800	11.700	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B75	V35X45	1.203	COMB2	4.800	5.400	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B75	V35X45	2.180	COMB16	0.000	0.000	COMB10	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B76	V35X45	0.225	COMB2	4.800	11.900	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B76	V35X45	1.203	COMB2	4.800	5.500	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B76	V35X45	2.180	COMB18	0.000	0.000	COMB8	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B77	V35X45	0.225	COMB2	4.800	10.600	COMB2	4.400	4.400	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B77	V35X45	1.203	COMB2	4.800	4.900	COMB2	2.600	2.600	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B77	V35X45	2.180	COMB6	0.017	0.017	COMB6	0.006	0.006	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B78	V12X35	0.000	COMB9	1.200	1.200	COMB2	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B78	V12X35	1.090	COMB2	0.400	0.400	COMB2	0.300	0.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B78	V12X35	2.180	COMB11	0.000	0.000	COMB5	0.022	0.022	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B79	V12X35	0.000	COMB8	0.016	0.016	COMB18	0.014	0.014	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B79	V12X35	1.090	COMB2	0.800	0.800	COMB2	0.800	0.800	COMB10	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B79	V12X35	2.180	COMB2	1.200	3.100	COMB2	1.200	1.200	COMB2	1.400	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B80	V12X35	0.000	COMB2	1.200	3.100	COMB2	1.200	1.200	COMB2	2.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B80	V12X35	2.260	COMB2	0.800	0.800	COMB2	1.200	2.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B80	V12X35	4.520	COMB2	1.200	2.800	COMB2	1.200	1.200	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B81	V12X35	0.000	COMB2	1.200	2.800	COMB2	1.200	1.200	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B81	V12X35	2.175	COMB2	0.700	0.700	COMB2	1.200	2.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B81	V12X35	4.350	COMB2	1.200	2.600	COMB2	1.100	1.100	COMB2	1.800	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+3.45	B82	V12X35	0.000	COMB2	1.200	2.700	COMB2	1.100	1.100	COMB2	2.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B82	V12X35	2.260	COMB2	0.700	0.700	COMB2	1.200	2.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B82	V12X35	4.520	COMB2	1.200	2.900	COMB2	1.200	1.200	COMB2	2.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B83	V12X35	0.000	COMB2	1.200	2.900	COMB2	1.200	1.200	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B83	V12X35	2.175	COMB2	0.700	0.700	COMB2	1.200	2.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B83	V12X35	4.350	COMB2	1.200	2.600	COMB2	1.100	1.100	COMB2	1.800	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B84	V12X35	0.000	COMB2	1.200	2.700	COMB2	1.100	1.100	COMB2	2.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B84	V12X35	2.260	COMB2	0.700	0.700	COMB2	1.200	2.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B84	V12X35	4.520	COMB2	1.200	2.900	COMB2	1.200	1.200	COMB2	2.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B85	V12X35	0.000	COMB2	1.200	2.900	COMB2	1.200	1.200	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B85	V12X35	2.175	COMB2	0.700	0.700	COMB2	1.200	2.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B85	V12X35	4.350	COMB2	1.200	2.600	COMB2	1.100	1.100	COMB2	1.800	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B86	V12X35	0.000	COMB2	1.200	2.700	COMB2	1.100	1.100	COMB2	2.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B86	V12X35	2.260	COMB2	0.700	0.700	COMB2	1.200	2.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B86	V12X35	4.520	COMB2	1.200	2.900	COMB2	1.200	1.200	COMB2	2.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B87	V12X35	0.000	COMB2	1.200	2.800	COMB2	1.200	1.200	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B87	V12X35	2.175	COMB2	0.700	0.700	COMB2	1.200	2.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B87	V12X35	4.350	COMB2	1.200	2.700	COMB2	1.100	1.100	COMB2	1.800	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B88	V12X35	0.000	COMB2	1.200	2.800	COMB2	1.200	1.200	COMB2	1.200	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B88	V12X35	0.940	COMB2	0.800	0.800	COMB2	0.700	0.700	COMB10	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B88	V12X35	1.880	COMB12	0.000	0.000	COMB5	0.040	0.040	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message

Story	Label	Design Sect	Station	DesignOpt	PMMCombo	AsMin	As	Mid Bar As	Corner BarAs	Vmaj Combo	VMajRebar	Vmin Combo	VMinRebar	WarnMsg	ErrMsg
			m			cm²	cm²	cm²	cm²		cm²/m		cm²/m		
NE+6.80	C1	C45X45	0.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB12	3.800	COMB16	3.800	No Message	No Message
NE+6.80	C1	C45X45	1.500	Design	COMB9	20.300	20.300	2.500	2.500	COMB12	3.800	COMB16	3.800	No Message	No Message
NE+6.80	C1	C45X45	3.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB12	3.800	COMB16	3.800	No Message	No Message
NE+6.80	C2	C45X45	0.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C2	C45X45	1.500	Design	COMB10	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C2	C45X45	3.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C3	C45X45	0.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C3	C45X45	1.500	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C3	C45X45	3.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C4	C45X45	0.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C4	C45X45	1.500	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C4	C45X45	3.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C5	C45X45	0.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C5	C45X45	1.500	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C5	C45X45	3.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C6	C45X45	0.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C6	C45X45	1.500	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C6	C45X45	3.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C7	C45X45	0.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C7	C45X45	1.500	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C7	C45X45	3.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C8	C45X45	0.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C8	C45X45	1.500	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB7	3.800	No Message	No Message
NE+6.80	C8	C45X45	3.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB7	3.800	No Message	No Message
NE+6.80	C9	C45X45	0.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C9	C45X45	1.500	Design	COMB10	20.300	20.300	2.500	2.500	COMB18	0.000	COMB15	3.800	No Message	No Message
NE+6.80	C9	C45X45	3.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB15	3.800	No Message	No Message
NE+6.80	C10	C45X45	0.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C10	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C10	C45X45	3.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C11	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C11	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C11	C45X45	3.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C12	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C12	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C12	C45X45	3.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C13	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C13	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C13	C45X45	3.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C14	C45X45	0.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C14	C45X45	1.500	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C14	C45X45	3.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C15	C45X45	0.000	Design	COMB10	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	3.800	No Message	No Message
NE+6.80	C15	C45X45	1.500	Design	COMB16	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	3.800	No Message	No Message
NE+6.80	C15	C45X45	3.000	Design	COMB10	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	3.800	No Message	No Message
NE+6.80	C16	C45X45	0.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+6.80	C16	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+6.80	C16	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+6.80	C17	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C17	C45X45	1.500	Design	COMB14	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C17	C45X45	3.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C18	C45X45	0.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C18	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C18	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C19	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C19	C45X45	1.500	Design	COMB14	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C19	C45X45	3.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C20	C45X45	0.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C20	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C20	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message

NE+6.80	C21	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C21	C45X45	1.500	Design	COMB14	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C21	C45X45	3.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C22	C45X45	0.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB10	3.800	No Message	No Message
NE+6.80	C22	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB10	3.800	No Message	No Message
NE+6.80	C22	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB10	3.800	No Message	No Message
NE+6.80	C23	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C23	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C23	C45X45	3.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+3.45	C1	C45X45	0.000	Design	COMB15	20.300	22.100	2.800	2.800	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+3.45	C1	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+3.45	C1	C45X45	3.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+3.45	C2	C45X45	0.000	Design	COMB17	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C2	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C2	C45X45	3.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C3	C45X45	0.000	Design	COMB8	20.300	23.600	2.900	2.900	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C3	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C3	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C4	C45X45	0.000	Design	COMB13	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C4	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C4	C45X45	3.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C5	C45X45	0.000	Design	COMB8	20.300	23.500	2.900	2.900	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C5	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C5	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C6	C45X45	0.000	Design	COMB13	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C6	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C6	C45X45	3.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C7	C45X45	0.000	Design	COMB8	20.300	23.300	2.900	2.900	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C7	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C7	C45X45	3.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C8	C45X45	0.000	Design	COMB14	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C8	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C8	C45X45	3.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C9	C45X45	0.000	Design	COMB8	20.300	27.200	3.400	3.400	COMB12	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C9	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C9	C45X45	3.000	Design	COMB10	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C10	C45X45	0.000	Design	COMB8	20.300	28.200	3.500	3.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C10	C45X45	1.500	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C10	C45X45	3.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C11	C45X45	0.000	Design	COMB8	20.300	28.900	3.600	3.600	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C11	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C11	C45X45	3.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C12	C45X45	0.000	Design	COMB8	20.300	28.800	3.600	3.600	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C12	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C12	C45X45	3.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C13	C45X45	0.000	Design	COMB8	20.300	28.700	3.600	3.600	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C13	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C13	C45X45	3.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C14	C45X45	0.000	Design	COMB7	20.300	32.300	4.000	4.000	COMB12	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C14	C45X45	1.500	Design	COMB6	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C14	C45X45	3.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C15	C45X45	0.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C15	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C15	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C16	C45X45	0.000	Design	COMB11	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C16	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C16	C45X45	3.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C17	C45X45	0.000	Design	COMB17	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C17	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C17	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C18	C45X45	0.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C18	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C18	C45X45	3.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C19	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C19	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C19	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C20	C45X45	0.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C20	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C20	C45X45	3.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C21	C45X45	0.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C21	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C21	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C22	C45X45	0.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C22	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C22	C45X45	3.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C23	C45X45	0.000	Design	COMB16	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+3.45	C23	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+3.45	C23	C45X45	3.000	Design	COMB10	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message

3.2 REVISIÓN COLUMNA FUERTE – VIGA DÉBIL

Story	Label	DesignSect	BCMaj Combo	BCMajRatio	BCMin Combo	BCMinRatio	JSMaj Combo	JSMajRatio	JSMin Combo	JSMinRatio	WarnMsg	ErrMsg
NE+6.80	C1	C45X45	COMB12	0.226	COMB12	0.180	COMB3	0.136	COMB3	0.174	No Message	No Message
NE+6.80	C2	C45X45	COMB13	0.352	COMB13	0.157	COMB3	0.217	COMB3	0.151	No Message	No Message
NE+6.80	C3	C45X45	COMB11	0.499	COMB11	0.418	COMB3	0.266	COMB3	0.283	No Message	No Message
NE+6.80	C4	C45X45	COMB16	0.803	COMB16	0.700	COMB3	0.446	COMB3	0.516	No Message	No Message
NE+6.80	C5	C45X45	COMB15	0.746	COMB15	0.730	COMB3	0.413	COMB3	0.540	No Message	No Message
NE+6.80	C6	C45X45	COMB14	0.445	COMB14	0.449	COMB3	0.235	COMB3	0.304	No Message	No Message
NE+6.80	C7	C45X45	COMB12	0.597	COMB12	0.566	COMB3	0.326	COMB3	0.388	No Message	No Message
NE+6.80	C8	C45X45	COMB13	0.908	COMB13	0.401	COMB3	0.815	COMB3	0.462	No Message	No Message
NE+6.80	C9	C45X45	COMB11	0.651	COMB11	0.351	COMB3	0.653	COMB3	0.436	No Message	No Message
NE+6.80	C10	C45X45	COMB14	0.298	COMB14	0.296	COMB3	0.284	COMB3	0.353	No Message	No Message
NE+6.80	C11	C45X45	COMB12	0.608	COMB12	0.518	COMB3	0.332	COMB3	0.353	No Message	No Message
NE+6.80	C12	C45X45	COMB14	0.907	COMB14	0.411	COMB3	0.818	COMB3	0.476	No Message	No Message
NE+6.80	C13	C45X45	COMB12	0.651	COMB12	0.358	COMB3	0.654	COMB3	0.444	No Message	No Message
NE+6.80	C14	C45X45	COMB13	0.286	COMB13	0.291	COMB3	0.272	COMB3	0.348	No Message	No Message
NE+6.80	C15	C45X45	COMB12	0.549	COMB12	0.346	COMB3	0.294	COMB3	0.232	No Message	No Message
NE+6.80	C16	C45X45	COMB17	0.864	COMB17	0.702	COMB3	0.481	COMB3	0.517	No Message	No Message
NE+6.80	C17	C45X45	COMB18	0.807	COMB18	0.731	COMB3	0.448	COMB3	0.541	No Message	No Message
NE+6.80	C18	C45X45	COMB13	0.485	COMB13	0.448	COMB3	0.257	COMB3	0.304	No Message	No Message
NE+6.80	C19	C45X45	COMB11	0.380	COMB11	0.297	COMB3	0.378	COMB3	0.374	No Message	No Message
NE+6.80	C20	C45X45	COMB16	0.518	COMB16	0.467	COMB3	0.546	COMB3	0.683	No Message	No Message
NE+6.80	C21	C45X45	COMB15	0.480	COMB15	0.483	COMB3	0.503	COMB3	0.713	No Message	No Message
NE+6.80	C22	C45X45	COMB14	0.339	COMB14	0.318	COMB3	0.332	COMB3	0.402	No Message	No Message
NE+6.80	C23	C45X45	COMB12	0.459	COMB12	0.399	COMB3	0.476	COMB3	0.511	No Message	No Message
NE+3.45	C1	C45X45	COMB13	0.868	COMB13	0.444	COMB3	0.998	COMB3	0.621	No Message	No Message
NE+3.45	C2	C45X45	COMB11	0.810	COMB11	0.466	COMB3	0.961	COMB3	0.679	No Message	No Message
NE+3.45	C3	C45X45	COMB14	0.440	COMB14	0.420	COMB3	0.460	COMB3	0.547	No Message	No Message
NE+3.45	C4	C45X45	COMB12	0.475	COMB12	0.349	COMB3	0.494	COMB3	0.441	No Message	No Message
NE+3.45	C5	C45X45	COMB14	0.870	COMB14	0.462	COMB3	0.900	COMB3	0.647	No Message	No Message
NE+3.45	C6	C45X45	COMB12	0.814	COMB12	0.489	COMB3	0.966	COMB3	0.716	No Message	No Message
NE+3.45	C7	C45X45	COMB13	0.431	COMB13	0.416	COMB3	0.453	COMB3	0.544	No Message	No Message
NE+3.45	C8	C45X45	COMB12	0.432	COMB12	0.239	COMB3	0.435	COMB3	0.295	No Message	No Message
NE+3.45	C9	C45X45	COMB13	0.586	COMB13	0.468	COMB3	0.625	COMB3	0.684	No Message	No Message
NE+3.45	C10	C45X45	COMB18	0.529	COMB18	0.484	COMB3	0.560	COMB3	0.713	No Message	No Message
NE+3.45	C11	C45X45	COMB13	0.394	COMB13	0.318	COMB3	0.391	COMB3	0.401	No Message	No Message
NE+3.45	C12	C45X45	COMB11	0.459	COMB11	0.360	COMB3	0.484	COMB3	0.481	No Message	No Message
NE+3.45	C13	C45X45	COMB16	0.577	COMB16	0.480	COMB3	0.677	COMB3	0.797	No Message	No Message
NE+3.45	C14	C45X45	COMB15	0.524	COMB15	0.495	COMB3	0.609	COMB3	0.828	No Message	No Message
NE+3.45	C15	C45X45	COMB14	0.423	COMB14	0.385	COMB3	0.438	COMB3	0.517	No Message	No Message
NE+3.45	C16	C45X45	COMB12	0.551	COMB12	0.459	COMB3	0.622	COMB3	0.634	No Message	No Message
NE+3.45	C17	C45X45	COMB13	0.906	COMB13	0.498	COMB3	0.917	COMB3	0.795	No Message	No Message
NE+3.45	C18	C45X45	COMB11	0.827	COMB11	0.516	COMB3	0.910	COMB3	0.856	No Message	No Message
NE+3.45	C19	C45X45	COMB14	0.545	COMB14	0.545	COMB3	0.609	COMB3	0.754	No Message	No Message
NE+3.45	C20	C45X45	COMB12	0.580	COMB12	0.396	COMB3	0.656	COMB3	0.533	No Message	No Message
NE+3.45	C21	C45X45	COMB14	0.909	COMB14	0.524	COMB3	0.917	COMB3	0.840	No Message	No Message
NE+3.45	C22	C45X45	COMB12	0.829	COMB12	0.547	COMB3	0.911	COMB3	0.912	No Message	No Message
NE+3.45	C23	C45X45	COMB13	0.547	COMB13	0.537	COMB3	0.617	COMB3	0.749	No Message	No Message

3.3 REVISIÓN CORTANTE PLÁSTICO

Story	Label	Design Sect	Station m	AsTopComb o	AsMinTop cm²	AsTop cm²	AsBotCom bo	AsMinBot cm²	AsBot cm²	VCombo	VRebar cm²/m	TLngComb o	TLngRebar cm²	TTrn Combo	TTrnRebar cm²/m	WarnMsg	ErrMsg
NE+6.80	B1	V15X35	0.000	CORPL6	0.200	0.200	CORPL8	0.100	0.100	CORPL18	0.000	CORPL3	1.800	CORPL5	1.700	No Message	No Message
NE+6.80	B1	V15X35	1.090	CORPL8	1.200	1.200	CORPL8	0.700	0.700	CORPL18	0.000	CORPL3	1.800	CORPL5	1.700	No Message	No Message
NE+6.80	B1	V15X35	2.180	CORPL8	1.500	2.400	CORPL8	1.100	1.100	CORPL16	1.300	CORPL3	1.800	CORPL5	1.700	No Message	No Message
NE+6.80	B2	V15X35	0.000	CORPL6	1.500	2.500	CORPL8	1.100	1.100	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B2	V15X35	2.260	CORPL8	0.700	0.700	CORPL4	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B2	V15X35	4.520	CORPL7	1.500	1.700	CORPL7	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B3	V15X35	0.000	CORPL8	1.500	1.700	CORPL8	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B3	V15X35	2.175	CORPL8	0.600	0.600	CORPL8	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B3	V15X35	4.350	CORPL4	1.500	1.600	CORPL7	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B4	V15X35	0.000	CORPL5	1.500	1.700	CORPL6	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B4	V15X35	2.260	CORPL8	0.600	0.600	CORPL8	1.300	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B4	V15X35	4.520	CORPL7	1.500	1.800	CORPL7	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B5	V15X35	0.000	CORPL8	1.500	1.800	CORPL8	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B5	V15X35	2.175	CORPL8	0.500	0.500	CORPL8	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B5	V15X35	4.350	CORPL10	1.500	1.600	CORPL7	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B6	V15X35	0.000	CORPL5	1.500	1.700	CORPL5	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B6	V15X35	2.260	CORPL5	0.500	0.500	CORPL6	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B6	V15X35	4.520	CORPL7	1.500	1.700	CORPL8	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B7	V15X35	0.000	CORPL6	1.500	1.800	CORPL6	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B7	V15X35	2.175	CORPL5	0.500	0.500	CORPL5	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B7	V15X35	4.350	CORPL10	1.500	1.700	CORPL9	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message

NE+6.80	B8	V15X35	0.000	CORPL9	1.500	1.800	CORPL9	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B8	V15X35	2.260	CORPL9	0.600	0.600	CORPL9	1.300	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B8	V15X35	4.520	CORPL10	1.500	1.500	CORPL5	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B9	V15X35	0.000	CORPL6	1.500	1.600	CORPL5	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B9	V15X35	2.175	CORPL5	0.500	0.500	CORPL10	1.500	1.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B9	V15X35	4.350	CORPL4	0.800	0.800	CORPL10	0.300	0.300	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B10	V15X35	0.000	CORPL10	0.200	0.200	CORPL4	0.200	0.200	CORPL18	0.000	CORPL3	1.800	CORPL9	1.800	No Message	No Message
NE+6.80	B10	V15X35	1.090	CORPL10	0.800	0.800	CORPL4	0.600	0.600	CORPL18	0.000	CORPL3	1.800	CORPL9	1.800	No Message	No Message
NE+6.80	B10	V15X35	2.180	CORPL10	1.500	2.300	CORPL10	1.000	1.000	CORPL12	1.300	CORPL3	1.800	CORPL9	1.800	No Message	No Message
NE+6.80	B11	V30X35	0.000	CORPL17	0.300	0.300	CORPL9	0.500	0.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B11	V30X35	0.978	CORPL5	3.100	4.100	CORPL9	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B11	V30X35	1.955	CORPL6	3.100	9.600	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B12	V30X35	0.000	CORPL10	0.300	0.300	CORPL10	0.300	0.300	CORPL18	2.500	CORPL14	3.600	CORPL6	0.900	No Message	No Message
NE+6.80	B12	V30X35	0.978	CORPL10	3.100	4.400	CORPL10	2.500	2.500	CORPL18	2.500	CORPL14	3.600	CORPL6	0.900	No Message	No Message
NE+6.80	B12	V30X35	1.955	CORPL4	3.100	9.400	CORPL10	3.100	3.100	CORPL18	2.500	CORPL14	3.600	CORPL6	0.900	No Message	No Message
NE+6.80	B13	V30X35	0.000	CORPL17	0.400	0.400	CORPL17	0.400	0.400	CORPL18	2.500	CORPL13	3.600	CORPL6	0.900	No Message	No Message
NE+6.80	B13	V30X35	0.978	CORPL10	3.100	4.700	CORPL9	2.700	2.700	CORPL18	2.500	CORPL13	3.600	CORPL6	0.900	No Message	No Message
NE+6.80	B13	V30X35	1.955	CORPL10	3.100	10.000	CORPL9	3.100	3.200	CORPL18	2.500	CORPL13	3.600	CORPL6	0.900	No Message	No Message
NE+6.80	B14	V30X35	0.000	CORPL10	0.300	0.300	CORPL10	0.300	0.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B14	V30X35	0.978	CORPL10	3.100	4.400	CORPL10	2.600	2.600	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B14	V30X35	1.955	CORPL8	3.100	9.700	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B15	V30X35	0.000	CORPL17	0.400	0.400	CORPL17	0.400	0.400	CORPL18	2.500	CORPL13	3.600	CORPL6	0.900	No Message	No Message
NE+6.80	B15	V30X35	0.978	CORPL10	3.100	4.600	CORPL9	2.700	2.700	CORPL18	2.500	CORPL13	3.600	CORPL6	0.900	No Message	No Message
NE+6.80	B15	V30X35	1.955	CORPL10	3.100	9.900	CORPL9	3.100	3.200	CORPL18	2.500	CORPL13	3.600	CORPL6	0.900	No Message	No Message
NE+6.80	B16	V30X35	0.000	CORPL10	0.300	0.300	CORPL10	0.300	0.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B16	V30X35	0.978	CORPL10	3.100	4.400	CORPL10	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B16	V30X35	1.955	CORPL8	3.100	9.600	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B17	V30X35	0.000	CORPL17	0.400	0.400	CORPL17	0.400	0.400	CORPL18	2.500	CORPL14	3.600	CORPL6	0.900	No Message	No Message
NE+6.80	B17	V30X35	0.978	CORPL9	3.100	4.700	CORPL9	2.700	2.700	CORPL18	2.500	CORPL14	3.600	CORPL6	0.900	No Message	No Message
NE+6.80	B17	V30X35	1.955	CORPL10	3.100	10.000	CORPL9	3.100	3.300	CORPL18	2.500	CORPL14	3.600	CORPL6	0.900	No Message	No Message
NE+6.80	B18	V30X35	0.000	CORPL10	0.300	0.300	CORPL9	0.400	0.400	CORPL18	2.500	CORPL4	3.600	CORPL4	0.800	No Message	No Message
NE+6.80	B18	V30X35	0.978	CORPL9	3.100	4.600	CORPL9	2.600	2.600	CORPL18	2.500	CORPL4	3.600	CORPL4	0.800	No Message	No Message
NE+6.80	B18	V30X35	1.955	CORPL8	3.100	10.000	CORPL9	3.100	3.200	CORPL18	2.500	CORPL4	3.600	CORPL4	0.800	No Message	No Message
NE+6.80	B19	V30X35	0.000	CORPL9	0.300	0.300	CORPL9	0.200	0.200	CORPL6	2.500	CORPL17	3.600	CORPL4	2.300	No Message	No Message
NE+6.80	B19	V30X35	0.978	CORPL10	2.900	2.900	CORPL9	1.300	1.300	CORPL6	2.500	CORPL17	3.600	CORPL4	2.300	No Message	No Message
NE+6.80	B19	V30X35	1.955	CORPL10	3.100	4.500	CORPL10	2.000	2.000	CORPL6	2.500	CORPL17	3.600	CORPL4	2.300	No Message	No Message
NE+6.80	B20	V30X35	0.000	CORPL13	0.300	0.300	CORPL5	0.500	0.500	CORPL18	2.500	CORPL17	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B20	V30X35	0.978	CORPL9	3.100	4.300	CORPL5	2.500	2.500	CORPL18	2.500	CORPL17	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B20	V30X35	1.955	CORPL10	3.100	9.500	CORPL10	3.100	3.100	CORPL18	2.500	CORPL17	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B21	V30X35	0.225	CORPL5	3.100	6.400	CORPL14	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B21	V30X35	2.260	CORPL5	2.700	2.700	CORPL5	2.700	2.700	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B21	V30X35	4.295	CORPL4	3.100	3.200	CORPL5	3.100	4.000	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B22	V30X35	0.225	CORPL5	3.100	5.000	CORPL12	3.000	3.000	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B22	V30X35	2.175	CORPL5	2.100	2.100	CORPL5	2.100	2.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B22	V30X35	4.125	CORPL4	3.100	3.600	CORPL13	3.100	3.500	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B23	V30X35	0.225	CORPL6	3.100	4.900	CORPL12	2.800	2.800	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B23	V30X35	2.260	CORPL5	1.900	1.900	CORPL5	1.900	1.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B23	V30X35	4.295	CORPL4	3.100	3.500	CORPL14	3.100	3.200	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B24	V30X35	0.225	CORPL6	3.100	4.700	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B24	V30X35	2.175	CORPL5	1.600	1.600	CORPL5	1.600	1.600	CORPL6	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B24	V30X35	4.125	CORPL4	3.100	3.600	CORPL14	3.100	3.200	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B25	V30X35	0.225	CORPL6	3.100	4.500	CORPL12	2.900	2.900	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B25	V30X35	2.260	CORPL6	1.400	1.400	CORPL6	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B25	V30X35	4.295	CORPL4	3.100	3.500	CORPL14	3.100	3.100	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B26	V30X35	0.225	CORPL6	3.100	4.400	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B26	V30X35	2.175	CORPL6	1.200	1.200	CORPL6	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B26	V30X35	4.125	CORPL4	3.100	3.600	CORPL14	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B27	V30X35	0.225	CORPL6	3.100	4.200	CORPL12	3.000	3.000	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B27	V30X35	2.260	CORPL6	1.000	1.000	CORPL6	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B27	V30X35	4.295	CORPL4	3.100	3.500	CORPL14	3.100	3.100	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B28	V30X35	0.225	CORPL6	3.100	4.200	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B28	V30X35	2.175	CORPL11	1.000	1.000	CORPL11	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B28	V30X35	4.125	CORPL4	3.100	3.800	CORPL14	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B29	V15X35	0.000	CORPL10	1.500	2.400	CORPL4	1.100	1.100	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B29	V15X35	2.155	CORPL4	0.800	0.800	CORPL7	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B29	V15X35	4.310	CORPL10	1.500	1.500	CORPL3	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B30	V30X35	0.225	CORPL9	3.100	7.700	CORPL15	3.100	3.800	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B30	V30X35	2.155	CORPL9	2.700	2.700	CORPL9	2.700	2.700	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B30	V30X35	4.085	CORPL7	3.100	7.000	CORPL17	3.100	4.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B31	V30X35	0.225	CORPL9	3.100	6.800	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B31	V30X35	2.268	CORPL10	1.900	1.900	CORPL8	3.100	3.100	CORPL17	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B31	V30X35	4.310	CORPL7	0.400	0.400	CORPL10	2.300	2.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B32	V30X35	0.225	CORPL9	3.100	6.600	CORPL15	3.100	3.700	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B32	V30X35	2.155	CORPL9	2.600	2.600	CORPL9	2.600	2.600	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B32	V30X35	4.085	CORPL7	3.100	5.800	CORPL17	3.100	4.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B33	V30X35	0.225	CORPL9	3.100	6.800	CORPL9	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B33	V30X35	2.268	CORPL10	2.000	2.000	CORPL8	3.100	3.100	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B33	V30X35	4.310	CORPL7	0.400	0.400	CORPL9	2.500	2.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B34	V30X35	0.225	CORPL9	3.100	6.500	CORPL16	3.100	3.600	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B34	V30X35	2.155	CORPL9	2.500	2.500	CORPL9	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B34	V30X35	4.085	CORPL8	3.100	5.700	CORPL17	3.100	4.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B35	V30X35	0.225	CORPL10	3.100	6.800	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B35	V30X35	2.268	CORPL10	2.000	2.000	CORPL8	3.100	3.100	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B35	V30X35	4.310	CORPL7	0.400	0.400	CORPL9	2.500	2.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B36	V30X35	0.225	CORPL10	3.100	6.400	CORPL16	3.100	3.600	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B36	V30X35	2.155	CORPL10	2.500	2.500	CORPL10	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B36	V30X35	4.085	CORPL8	3.100	5.700	CORPL18	3.100	4.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B37	V30X35	0.225	CORPL10	3.100	6.600	CORPL10	3.000	3.000	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B37	V30X35	2.268	CORPL10	1.900	1.900	CORPL8	3.100	3.100	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B37	V30X35	4.310	CORPL7	0.400	0.400	CORPL9	2.500	2.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B38	V30X35	0.225	CORPL10	3.100	4.800	CORPL8	3.100	3.700	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B38	V30X35	2.155	CORPL9	1.700	1.700	CORPL9	1.700	1.700	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B38	V30X35	4.085	CORPL8	3.100	5.900	CORPL18	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B39	V30X35	0.000	CORPL14	0.300	0.300	CORPL14	0.300	0.300	CORPL14	2.500	CORPL18	3.600	CORPL7	1.400	No Message	No Message
NE+6.80	B39	V30X35	0.978	CORPL5	3.100	4.100	CORPL6	2.400	2.400	CORPL14	2.500	CORPL18	3.600	CORPL7	1.400	No Message	No Message
NE+6.80	B39	V30X35	1.955	CORPL5	3.100	8.700	CORPL10	3.100	3.100	CORPL14	2.500	CORPL18	3.600	CORPL7	1.400	No Message	No Message

NE+6.80	B40	V30X35	0.225	CORPL5	3.100	5.800	CORPL5	3.000	3.000	CORPL6	2.500	CORPL16	3.600	CORPL7	1.000	No Message	No Message
NE+6.80	B40	V30X35	2.373	CORPL6	2.100	2.100	CORPL6	2.100	2.100	CORPL16	0.700	CORPL16	3.600	CORPL7	1.000	No Message	No Message
NE+6.80	B40	V30X35	4.520	CORPL6	0.700	0.700	CORPL6	3.100	3.100	CORPL16	0.700	CORPL16	3.600	CORPL7	1.000	No Message	No Message
NE+6.80	B41	V30X35	0.000	CORPL6	0.800	0.800	CORPL5	2.900	2.900	CORPL16	0.700	CORPL16	3.600	CORPL7	1.000	No Message	No Message
NE+6.80	B41	V30X35	2.063	CORPL6	1.200	1.200	CORPL6	2.800	2.800	CORPL16	0.700	CORPL16	3.600	CORPL7	1.000	No Message	No Message
NE+6.80	B41	V30X35	4.125	CORPL4	3.100	3.700	CORPL14	2.100	2.100	CORPL16	0.700	CORPL16	3.600	CORPL7	1.000	No Message	No Message
NE+6.80	B42	V30X35	0.225	CORPL5	3.100	4.700	CORPL5	2.300	2.300	CORPL6	2.500	CORPL16	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B42	V30X35	2.373	CORPL6	1.500	1.500	CORPL6	1.500	1.500	CORPL16	0.800	CORPL16	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B42	V30X35	4.520	CORPL6	0.300	0.300	CORPL5	2.700	2.700	CORPL16	0.800	CORPL16	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B43	V30X35	0.000	CORPL14	0.400	0.400	CORPL5	2.300	2.300	CORPL16	0.800	CORPL16	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B43	V30X35	2.063	CORPL6	0.800	0.800	CORPL6	2.300	2.300	CORPL16	0.800	CORPL16	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B43	V30X35	4.125	CORPL4	3.100	3.700	CORPL14	1.700	1.700	CORPL16	0.800	CORPL16	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B44	V30X35	0.225	CORPL5	3.100	4.500	CORPL6	1.800	1.800	CORPL6	2.500	CORPL8	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B44	V30X35	2.373	CORPL6	1.100	1.100	CORPL3	1.300	1.300	CORPL7	0.700	CORPL8	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B44	V30X35	4.520	CORPL14	0.000	0.000	CORPL5	2.300	2.300	CORPL7	0.700	CORPL8	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B45	V30X35	0.000	CORPL14	0.100	0.100	CORPL5	1.900	1.900	CORPL15	0.800	CORPL16	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B45	V30X35	2.063	CORPL3	0.600	0.600	CORPL6	1.800	1.800	CORPL15	0.800	CORPL16	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B45	V30X35	4.125	CORPL4	3.100	3.700	CORPL14	1.300	1.300	CORPL15	0.800	CORPL16	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B46	V30X35	0.225	CORPL5	3.100	4.200	CORPL6	1.400	1.400	CORPL6	2.500	CORPL8	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B46	V30X35	2.373	CORPL6	0.600	0.600	CORPL11	1.300	1.300	CORPL7	0.700	CORPL8	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B46	V30X35	4.520	CORPL18	0.000	0.000	CORPL5	1.900	1.900	CORPL7	0.700	CORPL8	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B47	V30X35	0.000	CORPL18	0.000	0.000	CORPL4	1.800	1.800	CORPL7	0.700	CORPL8	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B47	V30X35	2.063	CORPL11	0.600	0.600	CORPL14	1.400	1.400	CORPL7	0.700	CORPL8	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B47	V30X35	4.125	CORPL4	3.100	3.800	CORPL3	1.300	1.300	CORPL4	2.500	CORPL8	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B48	V15X35	0.000	CORPL10	1.500	1.500	CORPL4	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B48	V15X35	2.075	CORPL3	0.800	0.800	CORPL10	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B48	V15X35	4.150	CORPL7	1.500	2.500	CORPL3	1.200	1.200	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B49	V30X35	0.225	CORPL9	3.100	5.900	CORPL7	3.100	5.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B49	V30X35	2.075	CORPL8	3.100	3.100	CORPL8	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B49	V30X35	3.925	CORPL7	3.100	9.100	CORPL17	3.100	3.600	CORPL8	2.800	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B50	V30X35	0.000	CORPL10	0.400	0.400	CORPL7	2.300	2.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B50	V30X35	1.963	CORPL7	2.200	2.200	CORPL9	2.800	2.800	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B50	V30X35	3.925	CORPL7	3.100	7.800	CORPL8	3.100	3.100	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B51	V30X35	0.225	CORPL9	3.100	4.500	CORPL7	3.100	5.800	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B51	V30X35	2.075	CORPL7	3.100	3.100	CORPL7	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B51	V30X35	3.925	CORPL7	3.100	8.200	CORPL17	3.100	3.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B52	V30X35	0.000	CORPL10	0.400	0.400	CORPL8	2.600	2.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B52	V30X35	1.963	CORPL7	2.200	2.200	CORPL9	2.700	2.700	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B52	V30X35	3.925	CORPL7	3.100	7.800	CORPL8	3.100	3.100	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B53	V30X35	0.225	CORPL9	3.100	4.400	CORPL8	3.100	5.700	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B53	V30X35	2.075	CORPL8	3.100	3.100	CORPL8	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B53	V30X35	3.925	CORPL8	3.100	8.100	CORPL17	3.100	3.200	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B54	V30X35	0.000	CORPL10	0.400	0.400	CORPL8	2.600	2.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B54	V30X35	1.963	CORPL8	2.200	2.200	CORPL10	2.700	2.700	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B54	V30X35	3.925	CORPL8	3.100	7.800	CORPL8	3.100	3.100	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B55	V30X35	0.225	CORPL10	3.100	4.400	CORPL8	3.100	5.600	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B55	V30X35	2.075	CORPL8	3.100	3.100	CORPL8	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B55	V30X35	3.925	CORPL8	3.100	8.100	CORPL8	3.100	3.200	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B56	V30X35	0.000	CORPL10	0.400	0.400	CORPL8	2.500	2.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B56	V30X35	1.963	CORPL8	2.100	2.100	CORPL10	2.600	2.600	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B56	V30X35	3.925	CORPL8	3.100	7.600	CORPL8	3.100	3.100	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B57	V30X35	0.225	CORPL18	3.100	3.700	CORPL8	3.100	5.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B57	V30X35	2.075	CORPL8	3.100	3.100	CORPL8	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B57	V30X35	3.925	CORPL8	3.100	8.000	CORPL8	3.100	3.200	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B58	V30X35	0.000	CORPL14	0.300	0.300	CORPL6	0.500	0.500	CORPL18	2.500	CORPL16	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B58	V30X35	0.978	CORPL8	3.100	4.200	CORPL6	2.500	2.500	CORPL18	2.500	CORPL16	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B58	V30X35	1.955	CORPL7	3.100	9.500	CORPL10	3.100	3.100	CORPL18	2.500	CORPL16	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B59	V30X35	0.225	CORPL6	3.100	6.400	CORPL14	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B59	V30X35	2.260	CORPL6	2.800	2.800	CORPL6	2.800	2.800	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B59	V30X35	4.295	CORPL3	3.100	3.500	CORPL6	3.100	4.000	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B60	V30X35	0.225	CORPL6	3.100	5.200	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B60	V30X35	2.175	CORPL6	2.200	2.200	CORPL6	2.200	2.200	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B60	V30X35	4.125	CORPL3	3.100	3.800	CORPL6	3.100	3.600	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B61	V30X35	0.225	CORPL5	3.100	5.000	CORPL11	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B61	V30X35	2.260	CORPL6	1.900	1.900	CORPL6	1.900	1.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B61	V30X35	4.295	CORPL3	3.100	3.800	CORPL13	3.100	3.200	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B62	V30X35	0.225	CORPL5	3.100	4.800	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B62	V30X35	2.175	CORPL6	1.700	1.700	CORPL6	1.700	1.700	CORPL6	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B62	V30X35	4.125	CORPL3	3.100	3.900	CORPL14	3.100	3.200	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B63	V30X35	0.225	CORPL5	3.100	4.600	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B63	V30X35	2.260	CORPL6	1.500	1.500	CORPL6	1.500	1.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B63	V30X35	4.295	CORPL3	3.100	3.900	CORPL14	3.100	3.100	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B64	V30X35	0.225	CORPL5	3.100	4.500	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B64	V30X35	2.175	CORPL6	1.300	1.300	CORPL6	1.300	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B64	V30X35	4.125	CORPL3	3.100	4.000	CORPL14	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B65	V30X35	0.225	CORPL5	3.100	4.300	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B65	V30X35	2.260	CORPL3	1.300	1.300	CORPL3	1.300	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B65	V30X35	4.295	CORPL3	3.100	4.000	CORPL14	3.100	3.100	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B66	V30X35	0.225	CORPL5	3.100	4.200	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B66	V30X35	2.175	CORPL3	1.600	1.600	CORPL3	1.600	1.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B66	V30X35	4.125	CORPL3	3.100	4.600	CORPL14	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B67	V30X35	0.225	CORPL10	3.100	3.100	CORPL3	1.100	1.100	CORPL18	0.000	CORPL11	3.300	CORPL5	3.200	No Message	No Message
NE+6.80	B67	V30X35	1.053	CORPL3	1.300	1.300	CORPL3	0.700	0.700	CORPL18	0.000	CORPL11	3.300	CORPL5	3.200	No Message	No Message
NE+6.80	B67	V30X35	1.880	CORPL3	0.100	0.100	CORPL11	0.100	0.100	CORPL18	0.000	CORPL11	3.300	CORPL5	3.200	No Message	No Message
NE+6.80	B68	V15X35	0.000	CORPL7	1.500	2.300	CORPL7	1.000	1.000	CORPL18	1.300	CORPL9	1.800	CORPL8	1.800	No Message	No Message
NE+6.80	B68	V15X35	1.090	CORPL7	0.900	0.900	CORPL3	0.700	0.700	CORPL18	0.000	CORPL9	1.800	CORPL8	1.800	No Message	No Message
NE+6.80	B68	V15X35	2.180	CORPL7	0.200	0.200	CORPL3	0.200	0.200	CORPL18	0.000	CORPL9	1.800	CORPL8	1.800	No Message	No Message
NE+6.80	B69	V30X35	0.225	CORPL5	3.100	9.600	CORPL10	3.100	3.100	CORPL18	2.500	CORPL6	3.600	CORPL6	0.800	No Message	No Message
NE+6.80	B69	V30X35	1.203	CORPL6	3.100	4.100	CORPL8	2.500	2.500	CORPL18	2.500	CORPL6	3.600	CORPL6	0.800	No Message	No Message
NE+6.80	B69	V30X35	2.180	CORPL8	0.400	0.400	CORPL8	0.500	0.500	CORPL18	2.500	CORPL6	3.600	CORPL6	0.800	No Message	No Message
NE+6.80	B70	V30X35	0.225	CORPL3	3.100	9.300	CORPL10	3.100	3.100	CORPL18	2.500	CORPL14	3.600	CORPL5	0.900	No Message	No Message
NE+6.80	B70	V30X35	1.203	CORPL7	3.100	4.300	CORPL7	2.500	2.500	CORPL18	2.500	CORPL14	3.600	CORPL5	0.900	No Message	No Message
NE+6.80	B70	V30X35	2.180	CORPL15	0.300	0.300	CORPL15	0.300	0.300	CORPL18	2.500	CORPL14	3.600	CORPL5	0.900	No Message	No Message
NE+6.80	B71	V30X35	0.225	CORPL7	3.100	10.100	CORPL7	3.100	3.300	CORPL18	2.500	CORPL14	3.600	CORPL5	0.900	No Message	No Message
NE+6.80	B71	V30X35	1.203	CORPL7	3.100	4.700	CORPL7	2.800	2.800	CORPL18	2.500	CORPL14	3.600	CORPL5	0.900	No Message	No Message
NE+6.80	B71	V30X35	2.180	CORPL7	0.400	0.400	CORPL8	0.400	0.400	CORPL18	2.500	CORPL14	3.600	CORPL5	0.900	No Message	No Message

NE+6.80	B72	V30X35	0.225	CORPL9	3.100	9.600	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B72	V30X35	1.203	CORPL8	3.100	4.400	CORPL7	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B72	V30X35	2.180	CORPL15	0.300	0.300	CORPL15	0.300	0.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B73	V30X35	0.225	CORPL7	3.100	10.000	CORPL8	3.100	3.300	CORPL18	2.500	CORPL14	3.600	CORPL5	0.900	No Message	No Message
NE+6.80	B73	V30X35	1.203	CORPL7	3.100	4.700	CORPL8	2.700	2.700	CORPL18	2.500	CORPL14	3.600	CORPL5	0.900	No Message	No Message
NE+6.80	B73	V30X35	2.180	CORPL8	0.400	0.400	CORPL8	0.400	0.400	CORPL18	2.500	CORPL14	3.600	CORPL5	0.900	No Message	No Message
NE+6.80	B74	V30X35	0.225	CORPL10	3.100	9.600	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B74	V30X35	1.203	CORPL7	3.100	4.400	CORPL7	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B74	V30X35	2.180	CORPL15	0.300	0.300	CORPL15	0.300	0.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B75	V30X35	0.225	CORPL8	3.100	10.100	CORPL8	3.100	3.300	CORPL18	2.500	CORPL14	3.600	CORPL5	0.900	No Message	No Message
NE+6.80	B75	V30X35	1.203	CORPL8	3.100	4.700	CORPL8	2.800	2.800	CORPL18	2.500	CORPL14	3.600	CORPL5	0.900	No Message	No Message
NE+6.80	B75	V30X35	2.180	CORPL8	0.400	0.400	CORPL8	0.400	0.400	CORPL18	2.500	CORPL14	3.600	CORPL5	0.900	No Message	No Message
NE+6.80	B76	V30X35	0.225	CORPL5	3.100	9.300	CORPL10	3.100	3.100	CORPL18	2.500	CORPL11	3.600	CORPL3	0.800	No Message	No Message
NE+6.80	B76	V30X35	1.203	CORPL8	3.100	4.300	CORPL8	2.500	2.500	CORPL18	2.500	CORPL11	3.600	CORPL3	0.800	No Message	No Message
NE+6.80	B76	V30X35	2.180	CORPL15	0.300	0.300	CORPL16	0.300	0.300	CORPL18	2.500	CORPL11	3.600	CORPL3	0.800	No Message	No Message
NE+6.80	B77	V30X35	0.225	CORPL3	3.100	9.900	CORPL7	3.100	3.200	CORPL18	2.500	CORPL14	3.600	CORPL5	1.100	No Message	No Message
NE+6.80	B77	V30X35	1.203	CORPL7	3.100	4.600	CORPL7	2.700	2.700	CORPL18	2.500	CORPL14	3.600	CORPL5	1.100	No Message	No Message
NE+6.80	B77	V30X35	2.180	CORPL16	0.300	0.300	CORPL7	0.400	0.400	CORPL18	2.500	CORPL14	3.600	CORPL5	1.100	No Message	No Message
NE+6.80	B78	V15X35	0.000	CORPL6	1.200	1.200	CORPL6	0.400	0.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B78	V15X35	1.090	CORPL6	0.300	0.300	CORPL6	0.300	0.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B78	V15X35	2.180	CORPL8	0.100	0.100	CORPL8	0.100	0.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B79	V15X35	0.000	CORPL5	0.200	0.200	CORPL9	0.100	0.100	CORPL18	0.000	CORPL4	1.700	CORPL6	1.800	No Message	No Message
NE+6.80	B79	V15X35	1.090	CORPL9	1.200	1.200	CORPL9	0.700	0.700	CORPL18	0.000	CORPL4	1.700	CORPL6	1.800	No Message	No Message
NE+6.80	B79	V15X35	2.180	CORPL9	1.500	2.300	CORPL9	1.100	1.100	CORPL18	1.300	CORPL4	1.700	CORPL6	1.800	No Message	No Message
NE+6.80	B80	V15X35	0.000	CORPL5	1.500	2.500	CORPL9	1.100	1.100	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B80	V15X35	2.260	CORPL9	0.800	0.800	CORPL3	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B80	V15X35	4.520	CORPL10	1.500	1.700	CORPL10	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B81	V15X35	0.000	CORPL9	1.500	1.700	CORPL9	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B81	V15X35	2.175	CORPL9	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B81	V15X35	4.350	CORPL3	1.500	1.700	CORPL10	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B82	V15X35	0.000	CORPL6	1.500	1.700	CORPL9	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B82	V15X35	2.260	CORPL10	0.600	0.600	CORPL10	1.300	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B82	V15X35	4.520	CORPL10	1.500	1.800	CORPL10	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B83	V15X35	0.000	CORPL9	1.500	1.800	CORPL9	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B83	V15X35	2.175	CORPL9	0.600	0.600	CORPL10	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B83	V15X35	4.350	CORPL3	1.500	1.700	CORPL4	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B84	V15X35	0.000	CORPL6	1.500	1.700	CORPL9	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B84	V15X35	2.260	CORPL10	0.500	0.500	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B84	V15X35	4.520	CORPL10	1.500	1.800	CORPL10	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B85	V15X35	0.000	CORPL9	1.500	1.700	CORPL10	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B85	V15X35	2.175	CORPL10	0.500	0.500	CORPL4	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B85	V15X35	4.350	CORPL3	1.500	1.700	CORPL3	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B86	V15X35	0.000	CORPL8	1.500	1.700	CORPL7	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B86	V15X35	2.260	CORPL4	0.500	0.500	CORPL4	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B86	V15X35	4.520	CORPL10	1.500	1.700	CORPL4	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B87	V15X35	0.000	CORPL9	1.500	1.700	CORPL10	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B87	V15X35	2.175	CORPL4	0.700	0.700	CORPL6	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B87	V15X35	4.350	CORPL3	1.500	2.400	CORPL4	1.100	1.100	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B88	V15X35	0.000	CORPL4	1.500	2.400	CORPL4	1.100	1.100	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B88	V15X35	0.940	CORPL4	1.000	1.000	CORPL4	0.700	0.700	CORPL7	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B88	V15X35	1.880	CORPL4	0.100	0.100	CORPL10	0.100	0.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B20	V35X45	0.000	CORPL6	0.008	0.008	CORPL6	0.000	0.000	CORPL18	0.300	CORPL18	5.400	CORPL9	1.500	No Message	No Message
NE+3.45	B20	V35X45	0.978	CORPL9	1.900	1.900	CORPL9	1.200	1.200	CORPL18	0.300	CORPL18	5.400	CORPL9	1.500	No Message	No Message
NE+3.45	B20	V35X45	1.955	CORPL10	4.800	4.800	CORPL9	2.000	2.000	CORPL8	2.900	CORPL18	5.400	CORPL9	1.500	No Message	No Message
NE+3.45	B21	V35X45	0.225	CORPL6	4.800	9.400	CORPL12	4.800	4.800	CORPL6	3.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B21	V35X45	2.260	CORPL6	2.400	2.400	CORPL3	2.600	2.600	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B21	V35X45	4.295	CORPL4	4.800	8.100	CORPL14	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B22	V35X45	0.225	CORPL6	4.800	8.600	CORPL12	4.800	4.800	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B22	V35X45	2.175	CORPL6	2.200	2.200	CORPL6	2.200	2.200	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B22	V35X45	4.125	CORPL4	4.800	7.800	CORPL14	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B23	V35X45	0.225	CORPL6	4.800	8.700	CORPL12	4.800	4.800	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B23	V35X45	2.260	CORPL6	2.200	2.200	CORPL3	2.300	2.300	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B23	V35X45	4.295	CORPL4	4.800	7.800	CORPL14	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B24	V35X45	0.225	CORPL6	4.800	8.600	CORPL12	4.800	4.800	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B24	V35X45	2.175	CORPL6	2.200	2.200	CORPL6	2.200	2.200	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B24	V35X45	4.125	CORPL4	4.800	7.800	CORPL14	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B25	V35X45	0.225	CORPL6	4.800	8.700	CORPL12	4.800	4.800	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B25	V35X45	2.260	CORPL6	2.200	2.200	CORPL3	2.300	2.300	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B25	V35X45	4.295	CORPL4	4.800	7.800	CORPL14	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B26	V35X45	0.225	CORPL6	4.800	8.600	CORPL12	4.800	4.800	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B26	V35X45	2.175	CORPL6	2.200	2.200	CORPL6	2.200	2.200	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B26	V35X45	4.125	CORPL4	4.800	7.800	CORPL14	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B27	V35X45	0.225	CORPL6	4.800	8.600	CORPL12	4.800	4.800	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B27	V35X45	2.260	CORPL6	2.200	2.200	CORPL4	2.300	2.300	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B27	V35X45	4.295	CORPL4	4.800	7.800	CORPL14	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B28	V35X45	0.225	CORPL6	4.800	9.100	CORPL12	4.800	4.800	CORPL6	3.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B28	V35X45	2.175	CORPL6	2.300	2.300	CORPL6	2.500	2.500	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B28	V35X45	4.125	CORPL4	4.800	8.100	CORPL14	4.800	5.300	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B29	V12X35	0.000	CORPL9	0.900	0.900	CORPL15	0.400	0.400	CORPL10	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B29	V12X35	2.155	CORPL7	0.200	0.200	CORPL8	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B29	V12X35	4.310	CORPL7	0.900	0.900	CORPL7	0.300	0.300	CORPL16	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B30	V35X45	0.225	CORPL17	4.800	8.500	CORPL7	4.800	9.500	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B30	V35X45	2.155	CORPL7	2.600	2.600	CORPL7	2.600	2.600	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B30	V35X45	4.085	CORPL7	4.800	10.500	CORPL17	4.800	6.500	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B31	V35X45	0.225	CORPL9	4.800	11.000	CORPL9	4.600	4.600	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B31	V35X45	2.268	CORPL9	2.700	2.700	CORPL8	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B31	V35X45	4.310	CORPL18	0.000	0.000	CORPL10	4.800	7.300	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B32	V35X45	0.225	CORPL17	4.800	7.900	CORPL7	4.800	9.100	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B32	V35X45	2.155	CORPL7	2.500	2.500	CORPL7	2.500	2.500	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B32	V35X45	4.085	CORPL7	4.800	10.000	CORPL17	4.800	6.000	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B33	V35X45	0.225	CORPL9	4.800	10.700	CORPL9	4.400	4.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B33	V35X45	2.268	CORPL9	2.600	2.600	CORPL8	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B33	V35X45	4.310	CORPL18	0.000	0.000	CORPL9	4.800	7.200	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B34	V35X45	0.225	CORPL17	4.800	7.600	CORPL7	4.800	8.900	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B34	V35X45	2.155	CORPL7	2.500	2.500	CORPL7	2.500	2.500	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B34	V35X45	4.085	CORPL7	4.800	9.900	CORPL17	4.800	5.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message

NE+3.45	B35	V35X45	0.225	CORPL10	4.800	10.500	CORPL10	4.400	4.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B35	V35X45	2.268	CORPL10	2.600	2.600	CORPL8	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B35	V35X45	4.310	CORPL18	0.000	0.000	CORPL9	4.800	7.200	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B36	V35X45	0.225	CORPL18	4.800	7.500	CORPL8	4.800	8.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B36	V35X45	2.155	CORPL8	2.400	2.400	CORPL8	2.400	2.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B36	V35X45	4.085	CORPL8	4.800	9.800	CORPL18	4.800	5.700	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B37	V35X45	0.225	CORPL10	4.800	10.600	CORPL10	4.400	4.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B37	V35X45	2.268	CORPL10	2.600	2.600	CORPL8	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B37	V35X45	4.310	CORPL18	0.000	0.000	CORPL9	4.800	7.500	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B38	V35X45	0.225	CORPL18	4.800	7.200	CORPL8	4.800	8.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B38	V35X45	2.155	CORPL8	2.400	2.400	CORPL8	2.400	2.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B38	V35X45	4.085	CORPL8	4.800	9.600	CORPL18	4.800	5.300	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B39	V35X45	0.000	CORPL11	0.000	0.000	CORPL5	0.008	0.008	CORPL9	1.100	CORPL18	5.400	CORPL7	1.500	No Message	No Message
NE+3.45	B39	V35X45	0.978	CORPL9	3.300	3.300	CORPL9	2.100	2.100	CORPL10	2.900	CORPL18	5.400	CORPL7	1.500	No Message	No Message
NE+3.45	B39	V35X45	1.955	CORPL9	4.800	8.300	CORPL9	3.500	3.500	CORPL14	2.900	CORPL18	5.400	CORPL7	1.500	No Message	No Message
NE+3.45	B40	V35X45	0.225	CORPL5	4.800	14.400	CORPL6	4.800	4.800	CORPL5	5.500	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B40	V35X45	2.373	CORPL5	3.500	3.500	CORPL4	4.800	4.800	CORPL14	2.900	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B40	V35X45	4.520	CORPL18	0.000	0.000	CORPL5	3.800	3.800	CORPL12	2.900	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B41	V35X45	0.000	CORPL18	0.000	0.000	CORPL4	3.600	3.600	CORPL14	2.900	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B41	V35X45	2.063	CORPL4	3.300	3.300	CORPL6	4.800	4.800	CORPL12	2.900	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B41	V35X45	4.125	CORPL4	4.800	13.600	CORPL4	4.800	4.800	CORPL4	5.200	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B42	V35X45	0.225	CORPL5	4.800	14.400	CORPL6	4.800	4.800	CORPL5	5.400	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B42	V35X45	2.373	CORPL5	3.500	3.500	CORPL4	4.800	4.800	CORPL14	2.900	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B42	V35X45	4.520	CORPL18	0.000	0.000	CORPL5	3.800	3.800	CORPL12	2.900	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B43	V35X45	0.000	CORPL18	0.000	0.000	CORPL4	3.700	3.700	CORPL14	2.900	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B43	V35X45	2.063	CORPL4	3.300	3.300	CORPL6	4.800	4.800	CORPL12	2.900	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B43	V35X45	4.125	CORPL4	4.800	13.600	CORPL4	4.800	4.800	CORPL4	5.200	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B44	V35X45	0.225	CORPL5	4.800	14.400	CORPL6	4.800	4.800	CORPL5	5.400	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B44	V35X45	2.373	CORPL5	3.500	3.500	CORPL4	4.800	4.800	CORPL14	2.900	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B44	V35X45	4.520	CORPL18	0.000	0.000	CORPL5	3.800	3.800	CORPL12	2.900	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B45	V35X45	0.000	CORPL18	0.000	0.000	CORPL4	3.700	3.700	CORPL14	2.900	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B45	V35X45	2.063	CORPL4	3.300	3.300	CORPL6	4.800	4.800	CORPL12	2.900	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B45	V35X45	4.125	CORPL4	4.800	13.600	CORPL4	4.800	4.800	CORPL4	5.200	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B46	V35X45	0.225	CORPL5	4.800	14.500	CORPL6	4.800	4.800	CORPL5	5.400	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B46	V35X45	2.373	CORPL5	3.500	3.500	CORPL4	4.800	4.800	CORPL14	2.900	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B46	V35X45	4.520	CORPL18	0.000	0.000	CORPL5	3.700	3.700	CORPL12	2.900	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B47	V35X45	0.000	CORPL18	0.000	0.000	CORPL4	3.600	3.600	CORPL14	2.900	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B47	V35X45	2.063	CORPL4	3.100	3.100	CORPL6	4.800	4.800	CORPL12	2.900	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B47	V35X45	4.125	CORPL4	4.800	12.700	CORPL4	4.800	4.800	CORPL4	5.100	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B48	V12X35	0.000	CORPL18	0.800	0.800	CORPL18	0.300	0.300	CORPL9	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B48	V12X35	2.075	CORPL7	0.500	0.500	CORPL7	0.500	0.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B48	V12X35	4.150	CORPL7	1.200	2.000	CORPL7	0.900	0.900	CORPL16	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B49	V35X45	0.225	CORPL17	4.800	8.300	CORPL7	4.800	8.900	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B49	V35X45	2.075	CORPL7	3.000	3.000	CORPL7	3.000	3.000	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B49	V35X45	3.925	CORPL7	4.800	12.400	CORPL17	4.800	7.200	CORPL8	3.600	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B50	V35X45	0.000	CORPL18	0.000	0.000	CORPL7	4.800	7.300	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B50	V35X45	1.963	CORPL7	3.500	3.500	CORPL17	3.600	3.600	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B50	V35X45	3.925	CORPL7	4.800	14.700	CORPL8	4.800	4.800	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B51	V35X45	0.225	CORPL17	4.800	7.800	CORPL7	4.800	8.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B51	V35X45	2.075	CORPL7	2.900	2.900	CORPL7	2.900	2.900	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B51	V35X45	3.925	CORPL7	4.800	11.900	CORPL17	4.800	6.700	CORPL8	3.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B52	V35X45	0.000	CORPL18	0.000	0.000	CORPL8	4.800	7.200	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B52	V35X45	1.963	CORPL7	3.500	3.500	CORPL17	3.500	3.500	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B52	V35X45	3.925	CORPL7	4.800	14.400	CORPL8	4.800	4.800	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B53	V35X45	0.225	CORPL18	4.800	7.600	CORPL8	4.800	8.200	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B53	V35X45	2.075	CORPL8	2.900	2.900	CORPL8	2.900	2.900	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B53	V35X45	3.925	CORPL8	4.800	11.700	CORPL18	4.800	6.500	CORPL8	3.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B54	V35X45	0.000	CORPL18	0.000	0.000	CORPL8	4.800	7.200	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B54	V35X45	1.963	CORPL8	3.400	3.400	CORPL8	3.400	3.400	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B54	V35X45	3.925	CORPL8	4.800	14.300	CORPL8	4.800	4.800	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B55	V35X45	0.225	CORPL18	4.800	7.500	CORPL8	4.800	8.200	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B55	V35X45	2.075	CORPL8	2.900	2.900	CORPL8	2.900	2.900	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B55	V35X45	3.925	CORPL8	4.800	11.600	CORPL18	4.800	6.400	CORPL8	3.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B56	V35X45	0.000	CORPL18	0.000	0.000	CORPL8	4.800	7.600	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B56	V35X45	1.963	CORPL8	3.500	3.500	CORPL8	3.500	3.500	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B56	V35X45	3.925	CORPL8	4.800	14.600	CORPL8	4.800	4.800	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B57	V35X45	0.225	CORPL18	4.800	7.000	CORPL8	4.800	8.100	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B57	V35X45	2.075	CORPL8	2.800	2.800	CORPL8	2.800	2.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B57	V35X45	3.925	CORPL8	4.800	11.400	CORPL18	4.800	5.900	CORPL8	3.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B58	V35X45	0.000	CORPL18	0.016	0.016	CORPL8	0.020	0.020	CORPL4	0.900	CORPL18	5.400	CORPL10	1.400	No Message	No Message
NE+3.45	B58	V35X45	0.978	CORPL7	3.900	3.900	CORPL7	2.100	2.100	CORPL8	2.900	CORPL18	5.400	CORPL10	1.400	No Message	No Message
NE+3.45	B58	V35X45	1.955	CORPL7	4.800	8.500	CORPL7	3.600	3.600	CORPL16	2.900	CORPL18	5.400	CORPL10	1.400	No Message	No Message
NE+3.45	B59	V35X45	0.225	CORPL5	4.800	10.900	CORPL12	4.800	4.800	CORPL6	5.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B59	V35X45	2.260	CORPL5	2.700	2.700	CORPL4	3.200	3.200	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B59	V35X45	4.295	CORPL3	4.800	9.000	CORPL14	4.800	4.800	CORPL4	4.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B60	V35X45	0.225	CORPL5	4.800	9.600	CORPL12	4.800	4.800	CORPL6	4.600	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B60	V35X45	2.175	CORPL5	2.400	2.400	CORPL5	2.800	2.800	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B60	V35X45	4.125	CORPL3	4.800	8.800	CORPL14	4.800	4.800	CORPL4	4.100	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B61	V35X45	0.225	CORPL5	4.800	9.700	CORPL11	4.600	4.600	CORPL6	4.700	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B61	V35X45	2.260	CORPL5	2.400	2.400	CORPL4	3.100	3.100	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B61	V35X45	4.295	CORPL3	4.800	8.800	CORPL14	4.800	4.800	CORPL4	4.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B62	V35X45	0.225	CORPL5	4.800	9.600	CORPL12	4.800	4.800	CORPL6	4.600	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B62	V35X45	2.175	CORPL5	2.400	2.400	CORPL5	2.800	2.800	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B62	V35X45	4.125	CORPL3	4.800	8.800	CORPL14	4.800	4.800	CORPL4	4.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B63	V35X45	0.225	CORPL5	4.800	9.700	CORPL11	4.600	4.600	CORPL6	4.700	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B63	V35X45	2.260	CORPL5	2.400	2.400	CORPL4	3.100	3.100	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B63	V35X45	4.295	CORPL3	4.800	8.800	CORPL14	4.800	4.800	CORPL4	4.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B64	V35X45	0.225	CORPL5	4.800	9.600	CORPL12	4.800	4.800	CORPL6	4.600	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B64	V35X45	2.175	CORPL5	2.400	2.400	CORPL5	2.800	2.800	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B64	V35X45	4.125	CORPL3	4.800	8.800	CORPL14	4.800	4.800	CORPL4	4.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B65	V35X45	0.225	CORPL5	4.800	9.700	CORPL11	4.600	4.600	CORPL6	4.700	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B65	V35X45	2.260	CORPL5	2.400	2.400	CORPL3	3.100	3.100	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B65	V35X45	4.295	CORPL3	4.800	8.800	CORPL14	4.800	4.800	CORPL4	4.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B66	V35X45	0.225	CORPL5	4.800	10.000	CORPL12	4.800	4.800	CORPL6	4.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B66	V35X45	2.175	CORPL5	2.500	2.500	CORPL5	3.200	3.200	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B66	V35X45	4.125	CORPL3	4.800	9.200	CORPL13	4.800	5.100	CORPL4	4.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message

NE+3.45	B67	V35X45	0.225	CORPL5	3.300	3.300	CORPL5	1.100	1.100	CORPL15	0.900	CORPL18	5.400	CORPL5	2.400	No Message	No Message
NE+3.45	B67	V35X45	1.053	CORPL5	1.200	1.200	CORPL5	0.700	0.700	CORPL15	0.900	CORPL18	5.400	CORPL5	2.400	No Message	No Message
NE+3.45	B67	V35X45	1.880	CORPL5	0.033	0.033	CORPL5	0.011	0.011	CORPL15	0.900	CORPL18	5.400	CORPL5	2.400	No Message	No Message
NE+3.45	B68	V12X35	0.000	CORPL7	1.200	2.000	CORPL7	0.800	0.800	CORPL15	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B68	V12X35	1.090	CORPL7	1.000	1.000	CORPL7	0.500	0.500	CORPL7	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B68	V12X35	2.180	CORPL6	0.023	0.023	CORPL12	0.016	0.016	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B69	V35X45	0.225	CORPL5	4.800	9.700	CORPL5	4.100	4.100	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B69	V35X45	1.203	CORPL10	4.800	4.800	CORPL5	2.400	2.400	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B69	V35X45	2.180	CORPL12	0.012	0.012	CORPL6	0.019	0.019	CORPL10	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B70	V35X45	0.225	CORPL4	4.800	9.700	CORPL4	4.100	4.100	CORPL10	2.900	CORPL14	5.400	CORPL13	0.900	No Message	No Message
NE+3.45	B70	V35X45	1.203	CORPL10	4.800	4.800	CORPL4	2.400	2.400	CORPL10	2.900	CORPL14	5.400	CORPL13	0.900	No Message	No Message
NE+3.45	B70	V35X45	2.180	CORPL9	0.006	0.006	CORPL15	0.000	0.000	CORPL10	2.900	CORPL14	5.400	CORPL13	0.900	No Message	No Message
NE+3.45	B71	V35X45	0.225	CORPL8	4.800	9.700	CORPL8	4.100	4.100	CORPL10	2.900	CORPL14	5.400	CORPL5	1.000	No Message	No Message
NE+3.45	B71	V35X45	1.203	CORPL10	4.800	4.800	CORPL8	2.400	2.400	CORPL10	2.900	CORPL14	5.400	CORPL5	1.000	No Message	No Message
NE+3.45	B71	V35X45	2.180	CORPL15	0.000	0.000	CORPL9	0.006	0.006	CORPL10	2.900	CORPL14	5.400	CORPL5	1.000	No Message	No Message
NE+3.45	B72	V35X45	0.225	CORPL9	4.800	9.900	CORPL9	4.100	4.100	CORPL10	2.900	CORPL4	5.400	CORPL3	0.900	No Message	No Message
NE+3.45	B72	V35X45	1.203	CORPL10	4.800	4.800	CORPL9	2.500	2.500	CORPL10	2.900	CORPL4	5.400	CORPL3	0.900	No Message	No Message
NE+3.45	B72	V35X45	2.180	CORPL9	0.000	0.000	CORPL9	0.000	0.000	CORPL10	2.900	CORPL4	5.400	CORPL3	0.900	No Message	No Message
NE+3.45	B73	V35X45	0.225	CORPL7	4.800	9.600	CORPL7	4.000	4.000	CORPL10	2.900	CORPL14	5.400	CORPL5	1.000	No Message	No Message
NE+3.45	B73	V35X45	1.203	CORPL10	4.800	4.800	CORPL7	2.400	2.400	CORPL10	2.900	CORPL14	5.400	CORPL5	1.000	No Message	No Message
NE+3.45	B73	V35X45	2.180	CORPL16	0.000	0.000	CORPL10	0.000	0.000	CORPL10	2.900	CORPL14	5.400	CORPL5	1.000	No Message	No Message
NE+3.45	B74	V35X45	0.225	CORPL9	4.800	9.900	CORPL9	4.100	4.100	CORPL10	2.900	CORPL4	5.400	CORPL3	0.900	No Message	No Message
NE+3.45	B74	V35X45	1.203	CORPL10	4.800	4.800	CORPL9	2.500	2.500	CORPL10	2.900	CORPL4	5.400	CORPL3	0.900	No Message	No Message
NE+3.45	B74	V35X45	2.180	CORPL10	0.000	0.000	CORPL10	0.000	0.000	CORPL10	2.900	CORPL4	5.400	CORPL3	0.900	No Message	No Message
NE+3.45	B75	V35X45	0.225	CORPL7	4.800	9.700	CORPL7	4.100	4.100	CORPL10	2.900	CORPL14	5.400	CORPL5	1.000	No Message	No Message
NE+3.45	B75	V35X45	1.203	CORPL10	4.800	4.800	CORPL7	2.400	2.400	CORPL10	2.900	CORPL14	5.400	CORPL5	1.000	No Message	No Message
NE+3.45	B75	V35X45	2.180	CORPL16	0.000	0.000	CORPL10	0.000	0.000	CORPL10	2.900	CORPL14	5.400	CORPL5	1.000	No Message	No Message
NE+3.45	B76	V35X45	0.225	CORPL5	4.800	9.900	CORPL5	4.100	4.100	CORPL10	2.900	CORPL12	5.400	CORPL3	1.000	No Message	No Message
NE+3.45	B76	V35X45	1.203	CORPL10	4.800	4.800	CORPL5	2.500	2.500	CORPL10	2.900	CORPL12	5.400	CORPL3	1.000	No Message	No Message
NE+3.45	B76	V35X45	2.180	CORPL18	0.000	0.000	CORPL8	0.000	0.000	CORPL10	2.900	CORPL12	5.400	CORPL3	1.000	No Message	No Message
NE+3.45	B77	V35X45	0.225	CORPL3	4.800	9.100	CORPL3	3.800	3.800	CORPL11	2.900	CORPL14	5.400	CORPL5	1.000	No Message	No Message
NE+3.45	B77	V35X45	1.203	CORPL10	4.800	4.800	CORPL3	2.300	2.300	CORPL10	2.900	CORPL14	5.400	CORPL5	1.000	No Message	No Message
NE+3.45	B77	V35X45	2.180	CORPL6	0.022	0.022	CORPL12	0.008	0.008	CORPL10	2.900	CORPL14	5.400	CORPL5	1.000	No Message	No Message
NE+3.45	B78	V12X35	0.000	CORPL9	1.200	1.200	CORPL5	0.500	0.500	CORPL6	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B78	V12X35	1.090	CORPL5	0.400	0.400	CORPL5	0.300	0.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B78	V12X35	2.180	CORPL11	0.009	0.009	CORPL5	0.028	0.028	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B79	V12X35	0.000	CORPL8	0.023	0.023	CORPL18	0.021	0.021	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B79	V12X35	1.090	CORPL9	0.800	0.800	CORPL9	0.700	0.700	CORPL10	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B79	V12X35	2.180	CORPL9	1.200	2.900	CORPL9	1.200	1.200	CORPL9	1.100	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B80	V12X35	0.000	CORPL5	1.200	3.100	CORPL6	1.200	1.200	CORPL5	1.700	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B80	V12X35	2.260	CORPL5	0.800	0.800	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B80	V12X35	4.520	CORPL4	1.200	2.500	CORPL4	1.100	1.100	CORPL3	1.600	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B81	V12X35	0.000	CORPL5	1.200	2.500	CORPL5	1.000	1.000	CORPL5	1.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B81	V12X35	2.175	CORPL5	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B81	V12X35	4.350	CORPL3	1.200	2.400	CORPL3	1.000	1.000	CORPL3	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B82	V12X35	0.000	CORPL6	1.200	2.400	CORPL6	1.000	1.000	CORPL6	1.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B82	V12X35	2.260	CORPL4	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B82	V12X35	4.520	CORPL4	1.200	2.600	CORPL4	1.100	1.100	CORPL4	1.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B83	V12X35	0.000	CORPL5	1.200	2.600	CORPL5	1.100	1.100	CORPL5	1.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B83	V12X35	2.175	CORPL5	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B83	V12X35	4.350	CORPL3	1.200	2.400	CORPL3	1.000	1.000	CORPL3	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B84	V12X35	0.000	CORPL6	1.200	2.400	CORPL6	1.000	1.000	CORPL6	1.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B84	V12X35	2.260	CORPL4	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B84	V12X35	4.520	CORPL4	1.200	2.600	CORPL4	1.100	1.100	CORPL4	1.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B85	V12X35	0.000	CORPL5	1.200	2.600	CORPL5	1.100	1.100	CORPL5	1.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B85	V12X35	2.175	CORPL5	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B85	V12X35	4.350	CORPL3	1.200	2.400	CORPL3	1.000	1.000	CORPL3	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B86	V12X35	0.000	CORPL6	1.200	2.400	CORPL6	1.000	1.000	CORPL6	1.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B86	V12X35	2.260	CORPL4	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B86	V12X35	4.520	CORPL4	1.200	2.500	CORPL4	1.100	1.100	CORPL4	1.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B87	V12X35	0.000	CORPL5	1.200	2.600	CORPL5	1.100	1.100	CORPL5	1.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B87	V12X35	2.175	CORPL3	0.700	0.700	CORPL9	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B87	V12X35	4.350	CORPL3	1.200	2.700	CORPL3	1.100	1.100	CORPL3	1.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B88	V12X35	0.000	CORPL3	1.200	2.500	CORPL3	1.100	1.100	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B88	V12X35	0.940	CORPL3	0.800	0.800	CORPL3	0.600	0.600	CORPL10	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B88	V12X35	1.880	CORPL12	0.000	0.000	CORPL5	0.044	0.044	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message

Story	Label	Design Sect	Station	DesignOpt	PMMCombo	AsMin	As	Mid Bar As	CornerBar As	VMajCombo	VMajRebar	VMinCombo	VMinRebar	WarnMsg	ErrMsg
			m			cm²	cm²	cm²	cm²		cm²/m		cm²/m		
NE+6.80	C1	C45X45	0.000	Design	CORPL7-1	20.300	20.500	2.600	2.600	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C1	C45X45	1.500	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C1	C45X45	3.000	Design	CORPL7-1	20.300	26.100	3.300	3.300	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C2	C45X45	0.000	Design	CORPL5-1	20.300	21.000	2.600	2.600	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C2	C45X45	1.500	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C2	C45X45	3.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C3	C45X45	0.000	Design	CORPL6-1	20.300	22.800	2.800	2.800	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C3	C45X45	1.500	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C3	C45X45	3.000	Design	CORPL8-1	20.300	21.700	2.700	2.700	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C4	C45X45	0.000	Design	CORPL13-1	20.300	20.300	2.500	2.500	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C4	C45X45	1.500	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C4	C45X45	3.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C5	C45X45	0.000	Design	CORPL6-1	20.300	22.000	2.800	2.800	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C5	C45X45	1.500	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C5	C45X45	3.000	Design	CORPL8-1	20.300	21.500	2.700	2.700	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C6	C45X45	0.000	Design	CORPL13-1	20.300	20.300	2.500	2.500	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C6	C45X45	1.500	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C6	C45X45	3.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C7	C45X45	0.000	Design	CORPL6-1	20.300	21.700	2.700	2.700	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C7	C45X45	1.500	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C7	C45X45	3.000	Design	CORPL8-1	20.300	21.600	2.700	2.700	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message

NE+6.80	C8	C45X45	0.000	Design	CORPL13-1	20.300	20.300	2.500	2.500	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C8	C45X45	1.500	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C8	C45X45	3.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C9	C45X45	0.000	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	3.800	No Message	No Message
NE+6.80	C9	C45X45	1.500	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	3.800	No Message	No Message
NE+6.80	C9	C45X45	3.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	3.800	No Message	No Message
NE+6.80	C10	C45X45	0.000	Design	CORPL8-1	20.300	38.900	4.900	4.900	CORPL12-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C10	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL12-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C10	C45X45	3.000	Design	CORPL7-1	20.300	28.000	3.500	3.500	CORPL12-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C11	C45X45	0.000	Design	CORPL8-1	20.300	35.700	4.500	4.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C11	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C11	C45X45	3.000	Design	CORPL7-1	20.300	22.600	2.800	2.800	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C12	C45X45	0.000	Design	CORPL8-1	20.300	35.300	4.400	4.400	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C12	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C12	C45X45	3.000	Design	CORPL8-1	20.300	22.100	2.800	2.800	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C13	C45X45	0.000	Design	CORPL8-1	20.300	35.100	4.400	4.400	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C13	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C13	C45X45	3.000	Design	CORPL8-1	20.300	21.700	2.700	2.700	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C14	C45X45	0.000	Design	CORPL7-1	20.300	34.600	4.300	4.300	CORPL18-1	0.000	CORPL18-1	3.800	No Message	No Message
NE+6.80	C14	C45X45	1.500	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	3.800	No Message	No Message
NE+6.80	C14	C45X45	3.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	3.800	No Message	No Message
NE+6.80	C15	C45X45	0.000	Design	CORPL10-1	20.300	31.600	3.900	3.900	CORPL15-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C15	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL15-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C15	C45X45	3.000	Design	CORPL10-1	20.300	22.000	2.700	2.700	CORPL15-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C16	C45X45	0.000	Design	CORPL5-1	20.300	23.200	2.900	2.900	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C16	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C16	C45X45	3.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C17	C45X45	0.000	Design	CORPL5-1	20.300	28.000	3.500	3.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C17	C45X45	1.500	Design	CORPL14-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C17	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C18	C45X45	0.000	Design	CORPL13-1	20.300	20.700	2.600	2.600	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C18	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C18	C45X45	3.000	Design	CORPL13-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C19	C45X45	0.000	Design	CORPL5-1	20.300	27.600	3.400	3.400	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C19	C45X45	1.500	Design	CORPL14-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C19	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C20	C45X45	0.000	Design	CORPL13-1	20.300	20.500	2.600	2.600	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C20	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C20	C45X45	3.000	Design	CORPL13-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C21	C45X45	0.000	Design	CORPL5-1	20.300	27.400	3.400	3.400	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C21	C45X45	1.500	Design	CORPL14-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C21	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C22	C45X45	0.000	Design	CORPL13-1	20.300	21.300	2.700	2.700	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C22	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C22	C45X45	3.000	Design	CORPL13-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C23	C45X45	0.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C23	C45X45	1.500	Design	CORPL15-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C23	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C1	C45X45	0.000	Design	CORPL8-1	20.300	72.900	9.100	9.100	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C1	C45X45	1.500	Design	CORPL15-1	20.300	26.000	3.200	3.200	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C1	C45X45	3.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C2	C45X45	0.000	Design	CORPL5-1	20.300	68.700	8.600	8.600	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C2	C45X45	1.500	Design	CORPL15-1	20.300	24.800	3.100	3.100	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C2	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C3	C45X45	0.000	Design	CORPL8-1	20.300	75.800	9.500	9.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C3	C45X45	1.500	Design	CORPL15-1	20.300	24.100	3.000	3.000	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C3	C45X45	3.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C4	C45X45	0.000	Design	CORPL5-1	20.300	65.400	8.200	8.200	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C4	C45X45	1.500	Design	CORPL16-1	20.300	23.800	3.000	3.000	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C4	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C5	C45X45	0.000	Design	CORPL8-1	20.300	75.500	9.400	9.400	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C5	C45X45	1.500	Design	CORPL16-1	20.300	23.700	3.000	3.000	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C5	C45X45	3.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C6	C45X45	0.000	Design	CORPL12-1	20.300	62.800	7.900	7.900	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C6	C45X45	1.500	Design	CORPL16-1	20.300	23.500	2.900	2.900	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C6	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C7	C45X45	0.000	Design	CORPL8-1	20.300	75.100	9.400	9.400	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C7	C45X45	1.500	Design	CORPL16-1	20.300	23.500	2.900	2.900	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C7	C45X45	3.000	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C8	C45X45	0.000	Design	CORPL12-1	20.300	66.000	8.200	8.200	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C8	C45X45	1.500	Design	CORPL16-1	20.300	22.900	2.900	2.900	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C8	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C9	C45X45	0.000	Design	CORPL8-1	20.300	72.700	9.100	9.100	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C9	C45X45	1.500	Design	CORPL8-1	20.300	26.600	3.300	3.300	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C9	C45X45	3.000	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL16-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C10	C45X45	0.000	Design	CORPL8-1	20.300	93.600	11.700	11.700	CORPL17-1	3.800	CORPL7-1	5.100	No Message	No Message
NE+3.45	C10	C45X45	1.500	Design	CORPL15-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL7-1	5.200	No Message	No Message
NE+3.45	C10	C45X45	3.000	Design	CORPL15-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL7-1	5.200	No Message	No Message
NE+3.45	C11	C45X45	0.000	Design	CORPL8-1	20.300	91.800	11.500	11.500	CORPL18-1	3.800	CORPL7-1	5.400	No Message	No Message
NE+3.45	C11	C45X45	1.500	Design	CORPL15-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL7-1	5.500	No Message	No Message
NE+3.45	C11	C45X45	3.000	Design	CORPL15-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL7-1	5.500	No Message	No Message
NE+3.45	C12	C45X45	0.000	Design	CORPL8-1	20.300	91.400	11.400	11.400	CORPL18-1	3.800	CORPL8-1	5.100	No Message	No Message
NE+3.45	C12	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL8-1	5.200	No Message	No Message
NE+3.45	C12	C45X45	3.000	Design	CORPL15-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL8-1	5.200	No Message	No Message
NE+3.45	C13	C45X45	0.000	Design	CORPL8-1	20.300	90.900	11.400	11.400	CORPL18-1	3.800	CORPL8-1	5.100	No Message	No Message
NE+3.45	C13	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL8-1	5.100	No Message	No Message
NE+3.45	C13	C45X45	3.000	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL8-1	5.100	No Message	No Message

NE+3.45	C14	C45X45	0.000	Design	CORPL7-1	20.300	88.900	11.100	11.100	CORPL18-1	3.800	CORPL8-1	5.600	No Message	No Message
NE+3.45	C14	C45X45	1.500	Design	CORPL14-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL8-1	5.600	No Message	No Message
NE+3.45	C14	C45X45	3.000	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL8-1	5.600	No Message	No Message
NE+3.45	C15	C45X45	0.000	Design	CORPL7-1	20.300	80.800	10.100	10.100	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C15	C45X45	1.500	Design	CORPL18-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C15	C45X45	3.000	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C16	C45X45	0.000	Design	CORPL3-1	20.300	78.500	9.800	9.800	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C16	C45X45	1.500	Design	CORPL17-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C16	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C17	C45X45	0.000	Design	CORPL8-1	20.300	80.500	10.100	10.100	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C17	C45X45	1.500	Design	CORPL17-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C17	C45X45	3.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C18	C45X45	0.000	Design	CORPL6-1	20.300	76.400	9.500	9.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C18	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C18	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C19	C45X45	0.000	Design	CORPL8-1	20.300	80.200	10.000	10.000	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C19	C45X45	1.500	Design	CORPL17-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C19	C45X45	3.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C20	C45X45	0.000	Design	CORPL6-1	20.300	79.000	9.900	9.900	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C20	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C20	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C21	C45X45	0.000	Design	CORPL8-1	20.300	79.800	10.000	10.000	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C21	C45X45	1.500	Design	CORPL18-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C21	C45X45	3.000	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C22	C45X45	0.000	Design	CORPL6-1	20.300	82.400	10.300	10.300	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C22	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C22	C45X45	3.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C23	C45X45	0.000	Design	CORPL8-1	20.300	74.100	9.300	9.300	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C23	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C23	C45X45	3.000	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message

3.4 DISEÑO DE LA CIMENTACIÓN

DISEÑO DE ZAPATAS

σadm = 170.00 kN/m^2 f`c = 21000.00 kN/m^2

ZAPATAS CUADRADAS Y RECTANGULARES

		SECCION COLUMNA				SECCION ZAPATA				FLEXION												
CO	Preal (kN)	En X (m)	En Y (m)	Area (m^2)	Lado (m)	B(m)	L(m)	σneta (kN/m^2)	σneta < σadm	Mox (kN-m)	Moy (kN-m)	ϕMnx (kN-m)	ϕMoy (kN-m)	h (m)	ρx	ρy	Asx (mm^2)	Asy (mm^2)	Barra #	Sep. (m)	Barra #	Sep. (m)
A3	301.20	0.45	0.45	1.95	1.40	1.10	1.90	149.88	ok	60.16	43.33	84.22	60.66	0.40	0.0012	0.0014	800	800	5	0.25	5	0.25
B3	290.10	0.45	0.45	1.88	1.37	1.45	1.45	143.50	ok	26.01	26.01	36.41	36.41	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
C3	250.00	0.45	0.45	1.62	1.27	1.30	1.30	153.85	ok	18.06	18.06	25.29	25.29	0.40	0.0005	0.0005	800	800	5	0.25	5	0.25
D3	294.20	0.45	0.45	1.90	1.38	1.45	1.45	145.53	ok	26.38	26.38	36.93	36.93	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
E3	249.60	0.45	0.45	1.62	1.27	1.30	1.30	153.60	ok	18.03	18.03	25.25	25.25	0.40	0.0005	0.0005	800	800	5	0.25	5	0.25
F3	294.10	0.45	0.45	1.90	1.38	1.45	1.45	145.48	ok	26.37	26.37	36.91	36.91	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
G3	249.80	0.45	0.45	1.62	1.27	1.30	1.30	153.72	ok	18.05	18.05	25.27	25.27	0.40	0.0005	0.0005	800	800	5	0.25	5	0.25
H3	299.30	0.45	0.45	1.94	1.39	1.45	1.45	148.05	ok	26.83	26.83	37.57	37.57	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
I3	146.70	0.45	0.45	0.95	0.97	1.30	1.30	90.28	ok	10.60	10.60	14.84	14.84	0.40	0.0003	0.0003	800	800	5	0.25	5	0.25
A2	398.50	0.45	0.45	2.58	1.61	1.60	1.60	161.89	ok	42.82	42.82	59.95	59.95	0.40	0.0010	0.0010	800	800	5	0.25	5	0.25
C2	357.40	0.45	0.45	2.31	1.52	1.60	1.60	145.19	ok	38.40	38.40	53.77	53.77	0.40	0.0009	0.0009	800	800	5	0.25	5	0.25
E2	357.40	0.45	0.45	2.31	1.52	1.60	1.60	145.19	ok	38.40	38.40	53.77	53.77	0.40	0.0009	0.0009	800	800	5	0.25	5	0.25
G2	357.50	0.45	0.45	2.31	1.52	1.60	1.60	145.23	ok	38.41	38.41	53.78	53.78	0.40	0.0009	0.0009	800	800	5	0.25	5	0.25
I2	228.80	0.45	0.45	1.48	1.22	1.30	1.30	140.80	ok	16.53	16.53	23.14	23.14	0.40	0.0005	0.0005	800	800	5	0.25	5	0.25
A1	447.10	0.45	0.45	2.89	1.70	1.70	1.70	160.89	ok	53.42	53.42	74.79	74.79	0.40	0.0012	0.0012	800	800	5	0.25	5	0.25
B1	409.90	0.45	0.45	2.65	1.63	1.70	1.70	147.51	ok	48.98	48.98	68.57	68.57	0.40	0.0011	0.0011	800	800	5	0.25	5	0.25
C1	386.70	0.45	0.45	2.50	1.58	1.60	1.60	157.10	ok	41.55	41.55	58.17	58.17	0.40	0.0009	0.0009	800	800	5	0.25	5	0.25
D1	416.40	0.45	0.45	2.69	1.64	1.70	1.70	149.85	ok	49.75	49.75	69.66	69.66	0.40	0.0011	0.0011	800	800	5	0.25	5	0.25
E1	386.50	0.45	0.45	2.50	1.58	1.60	1.60	157.02	ok	41.53	41.53	58.14	58.14	0.40	0.0009	0.0009	800	800	5	0.25	5	0.25
F1	416.50	0.45	0.45	2.70	1.64	1.70	1.70	149.88	ok	49.77	49.77	69.67	69.67	0.40	0.0011	0.0011	800	800	5	0.25	5	0.25
G1	386.90	0.45	0.45	2.50	1.58	1.60	1.60	157.18	ok	41.57	41.57	58.20	58.20	0.40	0.0010	0.0010	800	800	5	0.25	5	0.25
H1	417.70	0.45	0.45	2.70	1.64	1.70	1.70	150.31	ok	49.91	49.91	69.87	69.87	0.40	0.0011	0.0011	800	800	5	0.25	5	0.25
I1	340.60	0.45	0.45	2.20	1.48	1.60	1.60	138.37	ok	36.60	36.60	51.24	51.24	0.40	0.0008	0.0008	800	800	5	0.25	5	0.25

		SECCION COLUMNA				SECCION ZAPATA			CORTANTE							
Zapata	Preal (kN)	En X (m)	En Y (m)	Area (m^2)	Lado (m)	B(m)	L(m)	σneta (kN/m^2)	Vdx (kN)	Vdy (kN)	Vux (kN)	Vuy (kN)	vux (kN)	vuy (kN)	Rev x	Rev y
A3	301.20	0.45	0.45	1.95	1.40	1.10	1.90	151.32	1.44	67.41	2.23	104.49	6.33	171.86	ok	ok
B3	290.10	0.45	0.45	1.88	1.37	1.45	1.45	144.88	37.81	37.81	58.61	58.61	126.32	126.32	ok	ok
C3	250.00	0.45	0.45	1.62	1.27	1.30	1.30	155.33	21.20	21.20	32.86	32.86	79.00	79.00	ok	ok
D3	294.20	0.45	0.45	1.90	1.38	1.45	1.45	146.93	38.35	38.35	59.44	59.44	128.10	128.10	ok	ok
E3	249.60	0.45	0.45	1.62	1.27	1.30	1.30	155.08	21.17	21.17	32.81	32.81	78.87	78.87	ok	ok
F3	294.10	0.45	0.45	1.90	1.38	1.45	1.45	146.88	38.33	38.33	59.42	59.42	128.06	128.06	ok	ok
G3	249.80	0.45	0.45	1.62	1.27	1.30	1.30	155.20	21.18	21.18	32.84	32.84	78.93	78.93	ok	ok
H3	299.30	0.45	0.45	1.94	1.39	1.45	1.45	149.47	39.01	39.01	60.47	60.47	130.32	130.32	ok	ok
I3	146.70	0.45	0.45	0.95	0.97	1.30	1.30	91.14	12.44	12.44	19.28	19.28	46.36	46.36	ok	ok
A2	398.50	0.45	0.45	2.58	1.61	1.60	1.60	163.45	66.69	66.69	103.36	103.36	201.88	201.88	ok	ok
C2	357.40	0.45	0.45	2.31	1.52	1.60	1.60	146.59	59.81	59.81	92.70	92.70	181.06	181.06	ok	ok
E2	357.40	0.45	0.45	2.31	1.52	1.60	1.60	146.59	59.81	59.81	92.70	92.70	181.06	181.06	ok	ok
G2	357.50	0.45	0.45	2.31	1.52	1.60	1.60	146.63	59.83	59.83	92.73	92.73	181.11	181.11	ok	ok
I2	228.80	0.45	0.45	1.48	1.22	1.30	1.30	142.15	19.40	19.40	30.08	30.08	72.30	72.30	ok	ok
A1	447.10	0.45	0.45	2.89	1.70	1.70	1.70	162.44	84.23	84.23	130.55	130.55	239.98	239.98	ok	ok
B1	409.90	0.45	0.45	2.65	1.63	1.70	1.70	148.93	77.22	77.22	119.69	119.69	220.01	220.01	ok	ok
C1	386.70	0.45	0.45	2.50	1.58	1.60	1.60	158.61	64.71	64.71	100.30	100.30	195.90	195.90	ok	ok
D1	416.40	0.45	0.45	2.69	1.64	1.70	1.70	151.29	78.44	78.44	121.59	121.59	223.50	223.50	ok	ok
E1	386.50	0.45	0.45	2.50	1.58	1.60	1.60	158.53	64.68	64.68	100.25	100.25	195.80	195.80	ok	ok
F1	416.50	0.45	0.45	2.70	1.64	1.70	1.70	151.32	78.46	78.46	121.61	121.61	223.56	223.56	ok	ok
G1	386.90	0.45	0.45	2.50	1.58	1.60	1.60	158.69	64.75	64.75	100.36	100.36	196.01	196.01	ok	ok
H1	417.70	0.45	0.45	2.70	1.64	1.70	1.70	151.76	78.69	78.69	121.97	121.97	224.20	224.20	ok	ok
I1	340.60	0.45	0.45	2.20	1.48	1.60	1.60	139.70	57.00	57.00	88.35	88.35	172.55	172.55	ok	ok

DISEÑO DE ZAPATAS CON VIGAS DE CONTRAPESO

σadm = 170.00 kN/m^2 f`c = 21000.00 kN/m^2

fy = 420000.00 kN/m^2

		COLUMNA EXTERIOR			COLUMNA INTERIOR				COLUMNA EXTERIOR						COLUMNA INTERIOR			
		Preal (kN)	Seccion Columna		Preal (kN)	Seccion Columna		L entre Zapt. (m)	B asum. (m)	ΔR (kN)	C (m)	C asum. (m)	B/C	σneta1 (kN/m^2)	Area (m^2)	Lado (m)	L asum. (m)	σneta2 (kN/m^2)
Columnas	Viga		En X (m)	En Y (m)		En X (m)	En Y (m)											
A3-A2	VGC-102	301.20	0.45	0.45	398.50	0.45	0.45	4.31	1.10	24.56	1.92	1.90	0.58	163.66	2.43	1.56	1.50	166.19

VIGA CONTRAPESO

				Seccion Viga		FLEXION								CORTE					
Zapata	Viga	Md (kN-m)	ϕMn (kN-m)	b(m)	h(m)	ρ	As (mm^2)	Barra #	Cant.	Barra #	Cant.	As sum (mm^2)	Cheq.	Vd (kN)	vu (kN/m^2)	fvs (kN/m^2)	sep. (m)	Ramas Estribos	Barra #
A3-A2	VGC-102	84.38	113.91	0.30	0.35	0.01323	1111	6	3	6	1	1140	ok	161.27	2787.37	2138.17	0.08	2	3

DISEÑO DE VIGAS DE AMARRE

f`c = 21000.00 kN/m^2

fy = 420000.00 kN/m^2

					FLEXION						Seccion				REFUERZO					
Viga Amarre	L1 (m)	L2 (m)	Pu (kN)	Po (kN)	Mo1 (kN-m)	Mo2 (kN-m)	Mo3 (kN-m)	fMn1 (kN-m)	fMn2 (kN-m)	fMn3 (kN-m)	b (m)	h(m)	d(m)	Amax (mm^2)	Barra #	Cant.	Barra #	Cant.	Assum (mm^2)	
VC-1	4.52	4.35	417.70	41.77	45.41	46.28	47.18	70.38	71.73	73.13	0.30	0.40	0.35	673	6	3			855	OK
VC-2	4.31	4.15	447.10	44.71	46.37	47.25	48.16	71.87	73.23	74.64	0.30	0.40	0.35	688	6	3			855	OK
VC-3	4.31	4.15	417.70	41.77	43.32	44.14	44.99	67.15	68.42	69.74	0.30	0.40	0.35	639	6	3			855	OK

Viga Amarre	L1 (m)	L2(m)	Pu (kN)	Po(kN)	CORTANTE					
					Vo1 (kN)	Vo3 (kN)	fVn1 (kN)	fVn3 (kN)	Rev 1	Rev 3
VC-1	4.52	4.35	417.70	41.77	20.28	21.49	299.44	317.16	ok	ok
VC-2	4.31	4.15	447.10	44.71	21.72	22.99	320.64	339.36	ok	ok
VC-3	4.31	4.15	417.70	41.77	20.29	21.48	299.56	317.05	ok	ok

3.4.1 REACCIONES EN LA CIMENTACIÓN

Story	Label	Output Case	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m	MZ tonf-m
Base	12	PPROPIO	-0.010	0.110	8.870	0.110	0.060	-0.001
Base	12	MUERTA	0.520	0.210	17.200	0.550	0.810	-0.010
Base	12	VIVA	-0.280	-0.400	4.060	1.090	-0.190	0.000
Base	12	SISMOX	-16.080	-1.540	-14.930	3.340	-41.710	0.160
Base	12	SISMOY	0.180	-18.370	-21.290	49.920	0.440	0.090
Base	13	PPROPIO	0.010	0.420	9.340	-0.240	0.080	-0.001
Base	13	MUERTA	-0.050	1.310	15.890	-0.670	0.170	-0.010
Base	13	VIVA	0.110	0.080	3.780	0.550	0.250	0.000
Base	13	SISMOX	-20.140	-0.890	0.040	2.200	-46.300	0.160
Base	13	SISMOY	0.150	-15.080	-6.870	45.960	0.390	0.090
Base	14	PPROPIO	0.030	0.090	7.930	0.130	0.100	-0.001
Base	14	MUERTA	0.110	0.290	14.640	0.480	0.340	-0.010
Base	14	VIVA	0.110	-0.370	2.430	1.060	0.250	0.000
Base	14	SISMOX	-19.810	-0.710	0.640	1.590	-45.920	0.160
Base	14	SISMOY	0.140	-19.230	-19.440	50.420	0.390	0.090
Base	15	PPROPIO	0.010	0.420	9.420	-0.240	0.080	-0.001
Base	15	MUERTA	0.020	1.270	16.120	-0.610	0.250	-0.010
Base	15	VIVA	0.090	0.100	3.880	0.530	0.230	0.000
Base	15	SISMOX	-20.000	-0.330	-1.130	0.770	-46.140	0.160
Base	15	SISMOY	0.140	-15.190	-6.490	45.610	0.390	0.090
Base	16	PPROPIO	0.030	0.090	7.920	0.140	0.100	-0.001
Base	16	MUERTA	0.110	0.270	14.610	0.540	0.350	-0.010
Base	16	VIVA	0.110	-0.370	2.420	1.070	0.250	0.000
Base	16	SISMOX	-19.860	0.010	1.030	-0.010	-45.990	0.160
Base	16	SISMOY	0.140	-18.940	-19.090	49.620	0.380	0.090
Base	17	PPROPIO	0.020	0.420	9.420	-0.230	0.090	-0.001
Base	17	MUERTA	0.030	1.250	16.110	-0.560	0.250	-0.010
Base	17	VIVA	0.090	0.100	3.880	0.530	0.230	0.000
Base	17	SISMOX	-20.030	0.310	-1.020	-0.760	-46.180	0.160
Base	17	SISMOY	0.140	-14.870	-6.410	44.790	0.380	0.090
Base	18	PPROPIO	0.030	0.090	7.930	0.150	0.100	-0.001
Base	18	MUERTA	0.110	0.260	14.630	0.570	0.350	-0.010
Base	18	VIVA	0.110	-0.370	2.430	1.070	0.250	0.000
Base	18	SISMOX	-19.870	0.720	1.410	-1.610	-45.990	0.160
Base	18	SISMOY	0.140	-18.600	-18.800	48.780	0.380	0.090
Base	19	PPROPIO	0.020	0.440	9.510	-0.250	0.090	-0.001
Base	19	MUERTA	0.060	1.360	16.460	-0.660	0.290	-0.010
Base	19	VIVA	0.100	0.110	3.960	0.520	0.240	0.000
Base	19	SISMOX	-20.220	0.880	-2.110	-2.210	-46.390	0.160
Base	19	SISMOY	0.140	-14.860	-6.250	44.310	0.390	0.090
Base	20	PPROPIO	-0.080	0.070	6.160	0.170	-0.020	-0.001
Base	20	MUERTA	-0.500	0.050	7.660	0.840	-0.350	-0.010
Base	20	VIVA	-0.050	-0.410	0.850	1.110	0.070	0.000
Base	20	SISMOX	-16.430	1.480	15.760	-3.270	-42.110	0.160
Base	20	SISMOY	0.090	-19.190	-17.680	48.980	0.330	0.090
Base	22	PPROPIO	0.120	-0.230	10.300	0.490	0.200	-0.001
Base	22	MUERTA	1.010	-0.770	21.390	1.670	1.380	-0.010
Base	22	VIVA	-0.260	-0.620	8.160	1.340	-0.160	0.000
Base	22	SISMOX	-14.130	-1.710	-4.920	3.520	-39.900	0.160
Base	22	SISMOY	0.050	-23.960	-1.770	56.230	0.060	0.090
Base	24	PPROPIO	-0.003	-0.230	10.670	0.490	0.070	-0.001
Base	24	MUERTA	-0.020	-0.780	18.530	1.690	0.220	-0.010
Base	24	VIVA	0.080	-0.600	6.540	1.320	0.220	0.000
Base	24	SISMOX	-16.540	-0.840	0.150	1.740	-42.620	0.160
Base	24	SISMOY	0.010	-24.630	-1.650	56.520	0.020	0.090
Base	26	PPROPIO	-0.010	-0.230	10.670	0.500	0.060	-0.001
Base	26	MUERTA	0.001	-0.800	18.520	1.750	0.240	-0.010
Base	26	VIVA	0.070	-0.600	6.540	1.320	0.210	0.000
Base	26	SISMOX	-16.570	0.010	0.180	-0.010	-42.650	0.160
Base	26	SISMOY	0.010	-24.250	-1.620	55.630	0.020	0.090

Story	Label	Output Case	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m	MZ tonf-m
Base	28	PPROPIO	-0.010	-0.240	10.670	0.510	0.060	-0.001
Base	28	MUERTA	0.020	-0.820	18.530	1.800	0.260	-0.010
Base	28	VIVA	0.080	-0.600	6.550	1.330	0.220	0.000
Base	28	SISMOX	-16.610	0.850	0.200	-1.760	-42.700	0.160
Base	28	SISMOY	0.010	-23.830	-1.590	54.690	0.020	0.090
Base	30	PPROPIO	-0.390	-0.190	8.030	0.470	-0.370	-0.001
Base	30	MUERTA	-1.870	-0.630	11.820	1.610	-1.880	-0.010
Base	30	VIVA	-0.600	-0.610	3.030	1.340	-0.550	0.000
Base	30	SISMOX	-14.310	1.680	5.000	-3.510	-40.100	0.160
Base	30	SISMOY	0.040	-24.090	-1.400	54.510	0.050	0.090
Base	33	PPROPIO	-0.110	0.000	10.680	0.230	-0.060	-0.001
Base	33	MUERTA	0.110	0.130	24.040	0.640	0.380	-0.010
Base	33	VIVA	-0.450	0.560	9.980	0.010	-0.380	0.000
Base	33	SISMOX	-16.960	-1.650	-14.180	3.470	-43.470	0.160
Base	33	SISMOY	-0.320	-18.670	22.940	50.250	-0.570	0.090
Base	34	PPROPIO	0.030	-0.260	10.670	0.530	0.110	-0.001
Base	34	MUERTA	0.010	-0.720	21.340	1.620	0.260	-0.010
Base	34	VIVA	0.110	0.390	8.990	0.200	0.250	0.000
Base	34	SISMOX	-21.010	-0.930	0.620	2.240	-48.040	0.160
Base	34	SISMOY	-0.150	-15.160	7.030	46.050	-0.390	0.090
Base	35	PPROPIO	0.040	-0.010	9.480	0.250	0.120	-0.001
Base	35	MUERTA	0.160	0.040	20.850	0.770	0.430	-0.010
Base	35	VIVA	0.120	0.640	8.340	-0.080	0.270	0.000
Base	35	SISMOX	-20.660	-0.720	1.390	1.610	-47.650	0.160
Base	35	SISMOY	-0.140	-19.320	21.060	50.520	-0.380	0.090
Base	36	PPROPIO	0.030	-0.250	10.790	0.530	0.110	-0.001
Base	36	MUERTA	0.050	-0.690	21.700	1.610	0.300	-0.010
Base	36	VIVA	0.070	0.400	9.150	0.200	0.210	0.000
Base	36	SISMOX	-20.850	-0.290	-1.060	0.720	-47.870	0.160
Base	36	SISMOY	-0.140	-15.340	6.490	45.790	-0.370	0.090
Base	37	PPROPIO	0.050	-0.010	9.470	0.260	0.130	-0.001
Base	37	MUERTA	0.170	0.020	20.840	0.820	0.440	-0.010
Base	37	VIVA	0.130	0.640	8.330	-0.080	0.280	0.000
Base	37	SISMOX	-20.710	0.010	1.060	-0.020	-47.700	0.160
Base	37	SISMOY	-0.140	-19.020	20.710	49.720	-0.370	0.090
Base	38	PPROPIO	0.030	-0.260	10.790	0.530	0.110	-0.001
Base	38	MUERTA	0.060	-0.710	21.700	1.650	0.320	-0.010
Base	38	VIVA	0.070	0.400	9.150	0.200	0.210	0.000
Base	38	SISMOX	-20.870	0.350	-1.200	-0.810	-47.890	0.160
Base	38	SISMOY	-0.130	-15.020	6.410	44.960	-0.370	0.090
Base	39	PPROPIO	0.050	-0.020	9.480	0.260	0.130	-0.001
Base	39	MUERTA	0.170	0.002	20.870	0.870	0.450	-0.010
Base	39	VIVA	0.130	0.640	8.330	-0.070	0.280	0.000
Base	39	SISMOX	-20.700	0.740	0.720	-1.630	-47.690	0.160
Base	39	SISMOY	-0.130	-18.690	20.390	48.880	-0.360	0.090
Base	40	PPROPIO	0.040	-0.260	10.760	0.540	0.110	-0.001
Base	40	MUERTA	0.110	-0.720	21.780	1.700	0.370	-0.010
Base	40	VIVA	0.080	0.380	9.230	0.230	0.220	0.000
Base	40	SISMOX	-21.060	0.990	-2.850	-2.330	-48.100	0.160
Base	40	SISMOY	-0.130	-14.990	6.260	44.460	-0.360	0.090
Base	41	PPROPIO	0.080	0.040	9.720	0.200	0.160	-0.001
Base	41	MUERTA	-0.390	0.170	17.790	0.700	-0.200	-0.010
Base	41	VIVA	-0.002	0.510	6.550	0.070	0.130	0.000
Base	41	SISMOX	-17.170	1.590	15.200	-3.400	-43.710	0.160
Base	41	SISMOY	-0.100	-19.300	19.070	49.100	-0.320	0.090

3.5 DISEÑO ELEMENTOS NO ESTRUCTURALES

3.5.1 DISEÑO MUROS FACHADA Y DIVISORIOS

DISEÑO MURO DE FACHADA SOPORTADO EN LA BASE Y EN EL EXTREMO SUPERIOR
(Mamposteria de Perforación Vertical)

GEOMETRIA DEL MURO

Altura del muro	H=	3.00	m
Espesor del Muro	e=	0.12	m
Nivel de localización del muro		Piso DOS	
Densidad del material del muro	γm=	1800	Kg/m³
Peso del Muro	w=	2.2	KN/m²
Resistencia a la compresión del muro	f'm=	5.0	MPa

MAMPOSTERIA

Tipo de Mampostería	=	Perforación Vertical
Ubicación	=	Fachada
Tipo de Apoyo	=	Apoyo Superior e inferior aislado lateralmente

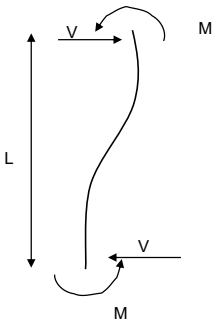
CRITERIOS DE DISEÑO

1-	Grupo de Uso		III	
2-	Coeficiente de importancia	*I*=	1.25	
3-	Grado mínimo de Desempeño		Superior	Según Tabla A.9.2-1 NSR-10
4-	Tipo de Elemento No Estructural según Tabla A.9.5-1 (NSR-10) 1			
	Mampostería con refuerzo separado lateralmente de la estructura, apoyada arriba y abajo			
5-	Coeficiente de amplificación dinámica del elemento NO estructural	*ap*=	1.0	Según Tabla A.9.5-1 NSR-10
6-	Coeficiente de capacidad de disipación de energía	*Rpi*=	1.5	Según Tabla A.9.5-1 NSR-10
7-	Coeficiente de Aceleración pico efectiva	*Aa*=	0.15	
8-	Período de la Estructura	*T*=	0.5593	
9-	Máxima aceleración horizontal de diseño	Sa=	0.7031	

DISEÑO

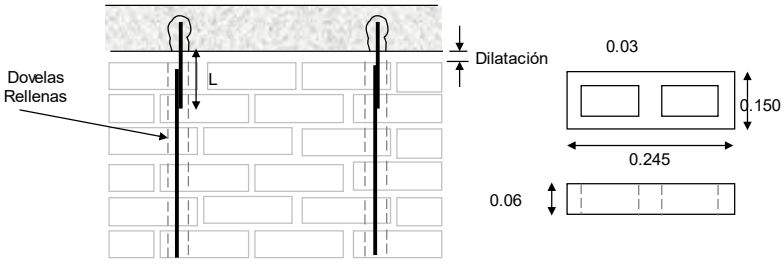
Fuerza Cortante en el piso o nivel que se encuentra el muro	*Fi*=	4,441.70	KN	
Peso de la placa de entrepiso del nivel que se encuentra el muro	*wi*=	6,317.10	KN	
Aceleración Horizontal	*ax=Fi/Wi*=	0.70	g	ok< 2 Sa
Fuerza horizontal de diseño del muro	*Fp=(ax*ap)/Rp*g*Mp*	1.01	KN/m	ok > Aa I/2 g Mp
Momento de diseño actuante en el muro	*Mi=Fp*H²/8*=	1.14	KN-m	
Fuerza Cortante por metro de longitud	*Vi=Fp*H/2*=	1.52	KN	
Separación entre columnetas o refuerzo	S=	2.0	m	
Ancho de columnetas	b=	0.12	m	
Largo de Columnetas (igual que el espesor del muro)	t=	0.12	m	
Area sección columneta	Ac=	0.014	m²	
Momento actuante en cada columneta	*M=Mi*S*=	2.28	KN-m	
Area de cortante efectiva del muro	*Amv*=	120000	mm²	
Resistencia a Cortante en la dirección perpendicular del muro	*ØVn=Ø1/6Amv*(f'm)^0.5*=	60	KN	*ok >Vi*
Cortante actuante en cada columneta	V=Vi*S=	3.04	KN	*ok >Vi*

Fuerzas actuante sobre el refuerzo de anclaje



Número de la varilla de anclaje	#=	4	
Cantidad de Varillas	CANT=	2	
Diámetro de la varilla de anclaje	D=	12.70	mm
Longitud libre de la varilla de anclaje	L=	100	mm
Esfuerzo de Fluencia del refuerzo	fy=	420	MPa

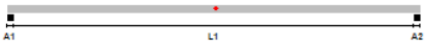
Fuerza Cortante Resistente del refuerzo de anclaje
$V=\pi D^3 fy /(16 L)$ = 3.38 KN ok



3.5.2 DISEÑO CORREAS

REPORTE DE CORREAS
PHR C con atiesador 150 x 50 x 17 (2.50 mm)
con Fy = 35.15 Kgf/mm² cada 1.10 m con arriostramiento cada L/2.

SECCION LONGITUDINAL



L1	4.82 m
A1	0.09 m
A2	0.09 m

CONFIGURACION	
TIPO DE CARGA	DISTRIBUIDA
Carga muerta	0.07 Ton/m²
Peso propio correa	0.01 Ton/m
Carga viva	0.05 Ton/m²
Carga granizo	0.00 Ton/m²
Viento compresión (Perpendicular)	0.04 Ton/m²
Viento succión (Perpendicular)	0.04 Ton/m²
Pendiente sección transversal	16° = 28.8750%

SECCION TRANSVERSAL



L = 1.10 m

REPORTES DE DISEÑO

REPORTE FLEXION				
	Apoyos		Interiores	
Ejes locales	3	2	3	2
Resistente (Ton.m)	0.9532	0.1849	0.6539	0.1849
Calculado (Ton.m)	3.3359E-07	6.2500E-09	0.5314	0.0339

REPORTE CORTANTE		
Ejes locales	2	3
Resistente (Ton)	6.7627	3.5066
Calculado (Ton)	0.4616	0.0593

REPORTE DEFLEXION		
Deflexiones máximas	Instantanea	Permanente
Admisible (m)	0.0170	0.0000
Calculado (m)	0.0069	0.0000

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M.P 22202221866 COR
Contratista Dirección Departamental de Proyectos
Gobernación de Córdoba

MEMORIA DE ANÁLISIS Y DISEÑO ESTRUCTURAL

DATOS DEL PROYECTO	
OBJETO:	ESTUDIOS Y DISEÑOS ESTRUCTURALES DE LA EDIFICACIÓN UBICADA EN EL MUNICIPIO DE PLANETA RICA DEPARTAMENTO DE CÓRDOBA.
SOLICITANTE:	GOBERNACIÓN DE CÓRDOBA
DIRECCIÓN:	MUNICIPIO DE PLANETA RICA
MUNICIPIO:	PLANETA RICA
DEPARTAMENTO:	CÓRDOBA
FECHA:	OCTUBRE DE 2025

INGENIERO RESPONSABLE	
NOMBRE:	OSCAR DAVID MORENO COGOLLO
CEDULA:	1.073.819.714
MATRICULA PROF.:	22202221866 COR
DEPENDENCIA:	CONTRATISTA DEPARTAMENTO ADMINISTRATIVO DE PLANEACIÓN – GOBERNACIÓN DE CÓRDOBA
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1. LICEO PLANETA RICA – BLOQUE C

Estudios y diseños estructurales de la edificación ubicada en el municipio de Planeta Rica departamento de Córdoba.

1.1 DESCRIPCION DEL PROYECTO Y SISTEMA ESTRUCTURAL

No. Pisos	Área (m^2)	Tipo de Estructura	Descripción
2	900.00	Pórticos en Concreto	La estructura tiene un pórtico tridimensional de concreto reforzado con elementos en los dos sentidos principales, con columnas de sección 0.45x0.45m, y vigas de secciones 0.30x0.35m a 0.35x0.45m. La placa del segundo piso es aligerada con viguetas de sección 0.12x0.35m. Un sector de la cubierta es losa maciza de espesor 0.10m, y el otro sector es cubierta liviana apoyada en perfiles metálicos tipo C.

1.2 CIMENTACION

La cimentación de la estructura son zapatas aisladas de secciones 1.30x1.30m a 1.70x1.70m, y altura de 0.40m, con vigas de amarre de sección de 0.30x0.40m que vinculan todas las columnas de la estructura. La cimentación se encuentra localizada a una profundidad de 1.00m. La capacidad portante para zapatas es 17.00Ton/m2.

1.3 MATERIALES

Concretos

Bloque	f´c Ton/m2	Ec Ton/m2
BLOQUE C	2100.00	2153811.00

El módulo de elasticidad del concreto Ec se ha calculado con las formulaciones de la norma:

$$Ec = 4700\sqrt{f'c}\,(MPa)$$

Acero de Refuerzo

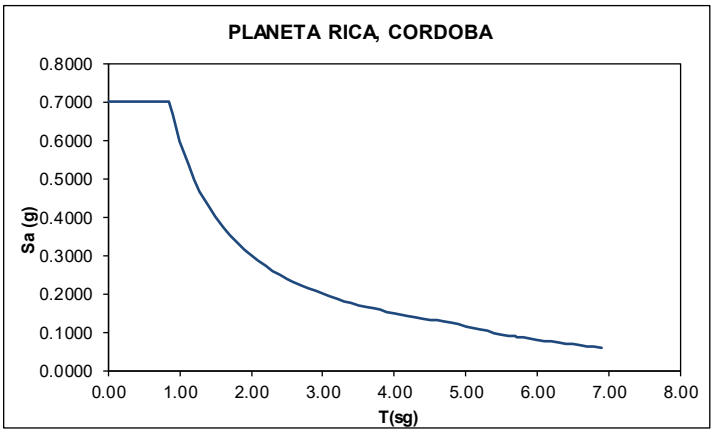
El refuerzo longitudinal y transversal, acero corrugado Grado 60 con punto de fluencia fy=42000Ton/m2. El módulo de elasticidad de este acero es Es= 20´390.000 Ton/m2.

1.4 ZONA DE MICROZONIFICACIÓN SISMICA

Esta parte incluye la evaluación del Espectro de Diseño Sísmico, acorde según NSR-10. Este espectro se afecta por el Coeficiente de Importancia (I).

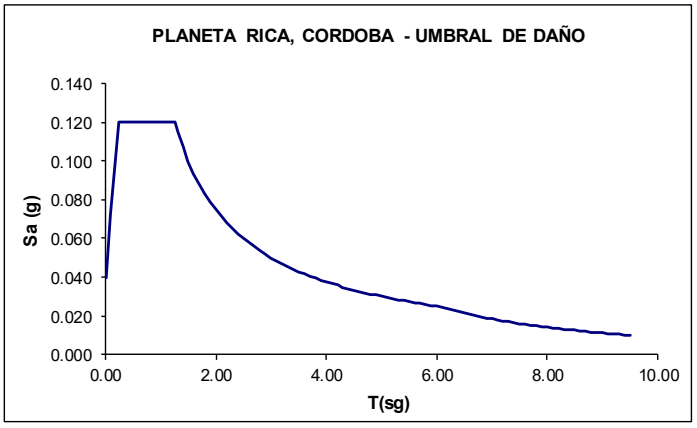
PARAMETROS SISMICOS
Region: PLANETA RICA, CORDOBA

	PLANETA RICA, CORDOBA
Tc	0.85
TL	4.80
Aa	0.15
Av	0.20
Fa	1.50
Fv	2.00
I	1.25
Samax =	0.7031



PARAMETROS SISMICOS
Region: PLANETA RICA, CORDOBA - UMBRAL DE DAÑO

	PLANETA RICA, CORDOBA
Ad	0.04
Ae	0.08
Fv	2.00
S	2.50
Tcd	1.25
TLd	6.00
I	1.25
Sadmax	0.12



1.5 EVALUACIÓN DE IRREGULARIDADES

Con el objeto de establecer el comportamiento de la edificación ante cargas sísmicas, se evalúan sus irregularidades en planta y en altura. En la siguiente tabla se determinan los grados de irregularidad según el Titulo A de la NSR-10 tablas A.3-6 y A.3-7.

ϕa: Irregularidad en altura ϕp: Irregularidad en planta

Bloque	ϕa	Descripción	ϕp	Descripción
BLOQUE C	1.0	Estructura de dos pisos no presenta irregularidad en altura.	1.0	Estructura con forma rectangular no presenta irregularidades en planta.

1.6 DETERMINACIÓN DE Sa y Ro.

CALCULO DEL CORTANTE SISMICO

Ct =	0.047
α =	0.900
Av =	0.200
Fv =	2.000

Para porticos resistentes a momentos de concreto

Cu = 1.27

$Ta = Ct * Hn^{(\alpha)}$

Cu =	1.27
Hn=	**6.80 m**
Ta=	0.26 sg
Cu Ta =	0.34 sg
10%Cu Ta =	0.37 sg

Periodo Etabs

T =	**0.550 sg**
Sa =	**0.7031**

R =	Ro Φp Φa Φr	Φp=	1.00
Ro =	**5.00**	Φa=	1.00
		Φr=	0.75
R =	**3.75**		

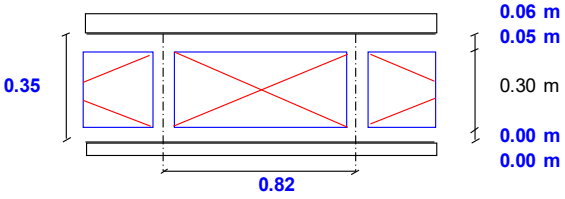
Peso total del edificio= **621.69T**

Cortante en la base= 437.13T

1.7 EVALUACIÓN DE CARGAS VERTICALES Y SISMICAS

1.7.1 CARGAS VERTICALES

CARGAS SOBRE LOSA ALIGERADA SEGUNDO PISO



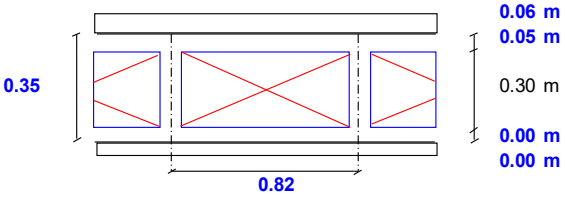
PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Espesor m	Densidad T/m³	Peso Ton/m²	NSR 10 CAP B-3
Viguetas	**0.12**	2.40	0.105	B.3.2
Losa superior	0.05	2.40	0.120	B.3.2
Alistado	0.06	2.10	0.126	B.3.2
Caseton			**0.022**	
Muros Mamposteria		1.80	**0.100**	B.3.4.2
Losa inferior	0.00	2.40	0.000	B.3.2
Cielorraso	0.00	2.10	**0.025**	B.3.2
Instalaciones			**0.010**	
Total			**0.51T/m²**	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
SALONES	**0.20T/m²**	

CARGAS SOBRE LOSA ALIGERADA SEGUNDO PISO



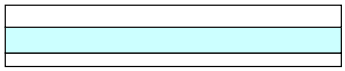
PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Espesor m	Densidad T/m³	Peso Ton/m²	NSR 10 CAP B-3
Viguetas	**0.12**	2.40	0.105	B.3.2
Losa superior	0.05	2.40	0.120	B.3.2
Alistado	0.06	2.10	0.126	B.3.2
Caseton			**0.022**	
Muros Mamposteria		1.80	**0.000**	B.3.4.2
Losa inferior	0.00	2.40	0.000	B.3.2
Cielorraso	0.00	2.10	**0.025**	B.3.2
Instalaciones			**0.010**	
Total			**0.41T/m²**	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
CORREDORES	**0.50T/m²**	

CARGAS SOBRE LOSA MACIZA NE+9.60



0.03 m
0.10 m
0.00 m

PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Espesor m	Densidad T/m³	Peso Ton/m²	NSR 10 CAP B-3
Losa Maciza	0.10	2.40	0.240	B.3.2
Alistado	0.03	2.10	0.063	B.3.2
Muros Mamposteria		1.80	0.000	B.3.4.2
Impermeabilizacion			0.015	B.3.3
Instalaciones			0.005	
Total			0.32T/m²	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
LIVIANA	0.05T/m²	

CARGAS SOBRE CUBIERTA



PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Peso Ton/m²	NSR 10 CAP B-4
Teja tipo sandwich	0.013	B.3.3
Correas	0.030	
Iluminacion	0.005	
Cielorraso	0.020	
Total	0.07T/m²	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
Cubierta, pendiente menor al 20%	0.05T/m²	

1.7.2 CARGAS HORIZONTALES (SÍSMICAS)

El efecto de la torsión accidental se considera en el programa ETABS cuando en las combinaciones de carga sísmicas (SISMOX, SISMOY) se afecta la dirección en análisis por 0.05. Ver Define Response Spectra en el archivo base.

1.8 DESCRIPCIÓN DE LA METODOLOGÍA DEL ANÁLISIS SISMICO

La modelación matemática se realizó en el programa ETABS. Los modelos reflejan la configuración tridimensional de la edificación. El método de análisis del sistema de resistencia sísmica es por el método de Fuerza Horizontal Equivalente. El alcance del modelo matemático abarca el análisis de vigas y columnas, en el rango elástico.

2 DATOS DE ENTRADA DE LOS MODELOS DE CÁLCULO Y DISEÑO

```
$ File D:\Users\Isabella\Desktop\PROYECTOS\2024\02-INGENIEROS\19-
LUCHO\INGENIERIA\MOD_BL C PLANETA RICA.$et saved 07/10/2024 10:41:35 a.
m.

$ PROGRAM INFORMATION
  PROGRAM  "ETABS"  VERSION "18.1.1"

$ CONTROLS
  UNITS  "TONF"  "M"  "C"
  TITLE2  "MOD_LA ESMERALDA AJUSTE"
  PREFERENCE  MERGETOL 0.001
  RLLF  METHOD "UBC97"  USEDEFAULTMIN "YES"

$ STORIES - IN SEQUENCE FROM TOP
  STORY "NE+6.80"  HEIGHT 3.35
  STORY "NE+3.45"  HEIGHT 3.45
  STORY "Base"  ELEV 0

$ GRIDS
  GRIDSYSTEM "G1"  TYPE "CARTESIAN"  BUBBLESIZE 1.25
  GENGRID "G1"  LABEL "A"  X1 0 Y1 -2.18 X2 0 Y2 10.64 VISIBLE "Yes"
BUBBLELOC "End"
  GENGRID "G1"  LABEL "B"  X1 4.52 Y1 -2.18 X2 4.52 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "C"  X1 8.87 Y1 -2.18 X2 8.87 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "D"  X1 13.39 Y1 -2.18 X2 13.39 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "E"  X1 17.74 Y1 -2.18 X2 17.74 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "F"  X1 22.26 Y1 -2.18 X2 22.26 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "G"  X1 26.61 Y1 -2.18 X2 26.61 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "H"  X1 31.13 Y1 -2.18 X2 31.13 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "I"  X1 35.48 Y1 -2.18 X2 35.48 Y2 10.64 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "3"  X1 -2.18 Y1 0 X2 37.36 Y2 0 VISIBLE "Yes"
BUBBLELOC "Start"
  GENGRID "G1"  LABEL "2"  X1 -2.18 Y1 4.31 X2 37.36 Y2 4.31 VISIBLE
"Yes"  BUBBLELOC "Start"
  GENGRID "G1"  LABEL "1"  X1 -2.18 Y1 8.46 X2 37.36 Y2 8.46 VISIBLE
"Yes"  BUBBLELOC "Start"

$ DIAPHRAGM NAMES
```

```
  DIAPHRAGM "D1"    TYPE RIGID

$ MATERIAL PROPERTIES
  MATERIAL  "STEEL"    TYPE "Steel"    WEIGHTPERVOLUME 7.833414
  MATERIAL  "STEEL"    SYMTYPE "Isotropic"  E 2.038902E+07  U 0.3  A
1.16999999590917E-05
  MATERIAL  "STEEL"  FY 35153.48  FU 45699.53 FYE 38668.83  FUE 50269.48
  MATERIAL  "STEEL"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17
FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "CONC"    TYPE "Concrete"    WEIGHTPERVOLUME 8.68E-05
  MATERIAL  "CONC"    SYMTYPE "Isotropic"  E 3600  U 0.2  A
5.50000004295725E-06
  MATERIAL  "CONC"    FC 4
  MATERIAL  "CONC"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC"  HYSTYPE "Takeda"  SSTYPE "Simple"  STRAINATFC
0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006
CPCOMPRESSION 0.015
  MATERIAL  "OTHER"    TYPE "Other"    WEIGHTPERVOLUME 7.833414
  MATERIAL  "OTHER"    SYMTYPE "Isotropic"  E 2.038902E+07  U 0.3  A
1.16999999590917E-05
  MATERIAL  "OTHER"  DESIGNTYPE "OTHER"
  MATERIAL  "OTHER"  HYSTYPE "Elastic"  IOTENSION 0.01 LSTENSION 0.02
CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
IGNORETENSIONACCEPTANCE "No"
  MATERIAL  "OTHER"  STRAIN -1 STRESS -1
  MATERIAL  "OTHER"  STRAIN 0 STRESS 0 POINTID "A"
  MATERIAL  "OTHER"  STRAIN 1 STRESS 1
  MATERIAL  "CONC21"    TYPE "Concrete"    WEIGHTPERVOLUME 2.4
  MATERIAL  "CONC21"    SYMTYPE "Isotropic"  E 2153811  U 0.2  A
9.89999989542412E-06
  MATERIAL  "CONC21"    FC 2100
  MATERIAL  "CONC21"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC21"  HYSTYPE "Takeda"  SSTYPE "Simple"  STRAINATFC
0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006
CPCOMPRESSION 0.015
  MATERIAL  "A615Gr60"    TYPE "Rebar"    WEIGHTPERVOLUME 7.849048
  MATERIAL  "A615Gr60"    SYMTYPE "Uniaxial"  E 2.038902E+07  A
1.16999999590917E-05
  MATERIAL  "A615Gr60"  FY 42184.18  FU 63276.27 FYE 42184.18  FUE
63276.27
  MATERIAL  "A615Gr60"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.01 STRAINATULTIMATE 0.09 FINALSLOPE -0.1 IOTENSION
0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01
CPCOMPRESSION 0.02
  MATERIAL  "A416Gr270"    TYPE "Tendon"    GRADE "Grade 270"
WEIGHTPERVOLUME 7.849048
  MATERIAL  "A416Gr270"    SYMTYPE "Uniaxial"  E 2.003748E+07  A
1.16999999590917E-05
  MATERIAL  "A416Gr270"  FY 172322.4  FU 189828.8
  MATERIAL  "A416Gr270"  HYSTYPE "Kinematic"  SSTYPE "270ksi"  FINALSLOPE
-0.1 IOTENSION 0.015 LSTENSION 0.023 CPTENSION 0.03 IOCOMPRESSION 0.015
LSCOMPRESSION 0.023 CPCOMPRESSION 0.03

$ REBAR DEFINITIONS
  REBARDEFINITION  "#2"  AREA  3.2258E-05 DIA  0.00635
  REBARDEFINITION  "#3"  AREA  7.09676E-05 DIA  0.009525
  REBARDEFINITION  "#4"  AREA  0.000129032 DIA  0.0127
  REBARDEFINITION  "#5"  AREA  0.0001999996 DIA  0.015875
  REBARDEFINITION  "#6"  AREA  0.0002838704 DIA  0.01905
  REBARDEFINITION  "#7"  AREA  0.000387096 DIA  0.022225
  REBARDEFINITION  "#8"  AREA  0.0005096764 DIA  0.0254
  REBARDEFINITION  "#9"  AREA  0.00064516 DIA  0.0286512
  REBARDEFINITION  "#10"  AREA  0.0008193532 DIA  0.032258
  REBARDEFINITION  "#11"  AREA  0.00100645 DIA  0.035814
  REBARDEFINITION  "#14"  AREA  0.00145161 DIA  0.0430022
  REBARDEFINITION  "#18"  AREA  0.00258064 DIA  0.0573278
  REBARDEFINITION  "10M"  AREA  0.0001 DIA  0.0113
  REBARDEFINITION  "15M"  AREA  0.0002 DIA  0.016
  REBARDEFINITION  "20M"  AREA  0.0003 DIA  0.0195
  REBARDEFINITION  "25M"  AREA  0.0005 DIA  0.0252
  REBARDEFINITION  "30M"  AREA  0.0007 DIA  0.0299
  REBARDEFINITION  "35M"  AREA  0.001 DIA  0.0357
  REBARDEFINITION  "45M"  AREA  0.0015 DIA  0.0437
  REBARDEFINITION  "55M"  AREA  0.0025 DIA  0.0564
  REBARDEFINITION  "6d"  AREA  2.83E-05 DIA  0.006
  REBARDEFINITION  "8d"  AREA  5.03E-05 DIA  0.008
  REBARDEFINITION  "10d"  AREA  7.85E-05 DIA  0.01
  REBARDEFINITION  "12d"  AREA  0.000113 DIA  0.012
  REBARDEFINITION  "14d"  AREA  0.000154 DIA  0.014
  REBARDEFINITION  "16d"  AREA  0.000201 DIA  0.016
  REBARDEFINITION  "20d"  AREA  0.000314 DIA  0.02
  REBARDEFINITION  "25d"  AREA  0.000491 DIA  0.025
  REBARDEFINITION  "26d"  AREA  0.000531 DIA  0.026
  REBARDEFINITION  "28d"  AREA  0.000616 DIA  0.028
  REBARDEFINITION  "N12"  AREA  0.000113 DIA  0.012
  REBARDEFINITION  "N16"  AREA  0.000201 DIA  0.016
  REBARDEFINITION  "N20"  AREA  0.000314 DIA  0.02
  REBARDEFINITION  "N24"  AREA  0.000452 DIA  0.024
  REBARDEFINITION  "N28"  AREA  0.000616 DIA  0.028
  REBARDEFINITION  "N32"  AREA  0.000804 DIA  0.032
  REBARDEFINITION  "N36"  AREA  0.00102 DIA  0.036

$ FRAME SECTIONS
  FRAMESECTION  "C45X45"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.45 B 0.45 NOTIONALUSERVALUE 1
  FRAMESECTION  "V30X35"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.35 B 0.3 NOTIONALUSERVALUE 1
  FRAMESECTION  "V12X35"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.35 B 0.12 NOTIONALUSERVALUE 1
  FRAMESECTION  "V35X45"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.45 B 0.35 NOTIONALUSERVALUE 1
  FRAMESECTION  "V20X35"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.35 B 0.2 NOTIONALUSERVALUE 1
  FRAMESECTION  "V15X35"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.35 B 0.15 NOTIONALUSERVALUE 1
  FRAMESECTION  "C45X45"  I2MOD 0.7 I3MOD 0.7
  FRAMESECTION  "V30X35"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "V12X35"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "V35X45"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "V20X35"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "V15X35"  JMOD 0.1 I3MOD 0.35

$ CONCRETE SECTIONS
  CONCRETESECTION  "C45X45"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Column"  PATTERN "R-3-3"  TRANSREINF
"TIES"  DESIGNCHECK "DESIGN"  COVER 0.04 LONGBARAREA 0.00064516
CONFINEBARAREA 3.2258E-05 CONFINEBARSPACING 0.15 NUMCONFINEBARS3 3
NUMCONFINEBARS2 3
  CONCRETESECTION  "V30X35"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "V12X35"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "V35X45"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "V20X35"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "V15X35"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0

$ TENDON SECTIONS
  TENDONSECTION  "Tendon1"  MATERIAL  "A416Gr270"  STRANDAREA  9.870948E-
05

$ SLAB PROPERTIES
  SHELLPROP  "LOSA"  PROPTYPE  "Slab"  MATERIAL "CONC21"  MODELINGTYPE
"Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS 0.0001
NOTIONALUSERVALUE 1
  SHELLPROP  "PLANK1"  PROPTYPE  "Slab"  MATERIAL "CONC21"  MODELINGTYPE
"Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS 0.25
NOTIONALUSERVALUE 1
  SHELLPROP  "PLANK1"  F11MOD 0.01 F22MOD 0.01

$ DECK PROPERTIES
  SHELLPROP  "DECK1"  PROPTYPE  "Deck"  DECKTYPE "Filled"  CONCMATERIAL
"CONC21"  DECKMATERIAL "STEEL"  DECKSLABDEPTH 0.0889 DECKRIBDEPTH 0.0762
DECKRIBWIDTHTOP 0.1524 DECKRIBWIDTHBOTTOM 0.1524 DECKRIBSPACING 0.3048
DECKSHEARTHICKNESS 0.000889 DECKUNITWEIGHT 0.01122958 SHEARSTUDDIAM
0.01905 SHEARSTUDHEIGHT 0.1524 SHEARSTUDFU 42184.18

$ WALL PROPERTIES
  SHELLPROP  "WALL1"  PROPTYPE  "Wall"  MATERIAL "CONC21"  MODELINGTYPE
"ShellThin"  WALLTHICKNESS 0.25 NOTIONALUSERVALUE 1
  SHELLPROP  "E 20"  PROPTYPE  "Wall"  MATERIAL "CONC21"  MODELINGTYPE
"ShellThin"  WALLTHICKNESS 0.2 NOTIONALUSERVALUE 1

$ LINK PROPERTIES
  LINKPROP  "NLPR1"  TYPE "DAMPER - EXPONENTIAL"
  LINKPROP  "NLPR1"  DOF "U1"

$ PANEL ZONE PROPERTIES
  PANELZONE  "PZone1"  PZENDOFFSETSRIGID  "No"  PZACTIVEDIRECTIONS
"Both"  PZTYPE  "From Column"
  PANELZONE  "PZone1"  PZDOUBLER  0

$ PIER/SPANDREL NAMES
  PIERNAME  "P1"
  SPANDRELNAME  "S1"

$ POINT COORDINATES
  POINT "1"  -2.18 -2.18
  POINT "2"  0 -2.18
  POINT "3"  4.52 -2.18
  POINT "4"  8.87 -2.18
  POINT "5"  13.39 -2.18
  POINT "6"  17.74 -2.18
  POINT "7"  22.26 -2.18
  POINT "8"  26.61 -2.18
  POINT "9"  31.13 -2.18
  POINT "10"  35.48 -2.18
  POINT "11"  37.66 -2.18
  POINT "12"  -2.18 0
  POINT "13"  0 0
  POINT "14"  4.52 0
  POINT "15"  8.87 0
  POINT "16"  13.39 0
  POINT "17"  17.74 0
  POINT "18"  22.26 0
  POINT "19"  26.61 0
  POINT "20"  31.13 0
  POINT "21"  35.48 0
  POINT "22"  37.66 0
  POINT "23"  -2.18 4.31
  POINT "24"  0 4.31
  POINT "25"  4.52 4.31
  POINT "26"  8.87 4.31
  POINT "27"  13.39 4.31
  POINT "28"  17.74 4.31
  POINT "29"  22.26 4.31
  POINT "30"  26.61 4.31
  POINT "31"  31.13 4.31
  POINT "32"  35.48 4.31
  POINT "33"  37.66 4.31
```

```
  POINT "35"  -2.18 8.46
  POINT "36"  0 8.46
  POINT "37"  4.52 8.46
  POINT "38"  8.87 8.46
  POINT "39"  13.39 8.46
  POINT "40"  17.74 8.46
  POINT "41"  22.26 8.46
  POINT "42"  26.61 8.46
  POINT "43"  31.13 8.46
  POINT "44"  35.48 8.46
  POINT "45"  37.66 8.46
  POINT "46"  -2.18 10.64
  POINT "47"  0 10.64
  POINT "48"  4.52 10.64
  POINT "49"  8.87 10.64
  POINT "50"  13.39 10.64
  POINT "51"  17.74 10.64
  POINT "52"  22.26 10.64
  POINT "53"  26.61 10.64
  POINT "54"  31.13 10.64
  POINT "55"  35.48 10.64
  POINT "56"  37.66 10.64

$ LINE CONNECTIVITIES
  LINE  "C1"  COLUMN  "13"  "13"  1
  LINE  "C2"  COLUMN  "14"  "14"  1
  LINE  "C3"  COLUMN  "15"  "15"  1
  LINE  "C4"  COLUMN  "16"  "16"  1
  LINE  "C5"  COLUMN  "17"  "17"  1
  LINE  "C6"  COLUMN  "18"  "18"  1
  LINE  "C7"  COLUMN  "19"  "19"  1
  LINE  "C8"  COLUMN  "20"  "20"  1
  LINE  "C9"  COLUMN  "21"  "21"  1
  LINE  "C10"  COLUMN  "24"  "24"  1
  LINE  "C11"  COLUMN  "26"  "26"  1
  LINE  "C12"  COLUMN  "28"  "28"  1
  LINE  "C13"  COLUMN  "30"  "30"  1
  LINE  "C14"  COLUMN  "32"  "32"  1
  LINE  "C15"  COLUMN  "36"  "36"  1
  LINE  "C16"  COLUMN  "37"  "37"  1
  LINE  "C17"  COLUMN  "38"  "38"  1
  LINE  "C18"  COLUMN  "39"  "39"  1
  LINE  "C19"  COLUMN  "40"  "40"  1
  LINE  "C20"  COLUMN  "41"  "41"  1
  LINE  "C21"  COLUMN  "42"  "42"  1
  LINE  "C22"  COLUMN  "43"  "43"  1
  LINE  "C23"  COLUMN  "44"  "44"  1
  LINE  "B1"  BEAM  "1"  "2"  0
  LINE  "B2"  BEAM  "2"  "3"  0
  LINE  "B3"  BEAM  "3"  "4"  0
  LINE  "B4"  BEAM  "4"  "5"  0
  LINE  "B5"  BEAM  "5"  "6"  0
  LINE  "B6"  BEAM  "6"  "7"  0
  LINE  "B7"  BEAM  "7"  "8"  0
  LINE  "B8"  BEAM  "8"  "9"  0
  LINE  "B9"  BEAM  "9"  "10"  0
  LINE  "B10"  BEAM  "10"  "11"  0
  LINE  "B11"  BEAM  "1"  "12"  0
  LINE  "B12"  BEAM  "2"  "13"  0
  LINE  "B13"  BEAM  "3"  "14"  0
  LINE  "B14"  BEAM  "4"  "15"  0
  LINE  "B15"  BEAM  "5"  "16"  0
  LINE  "B16"  BEAM  "6"  "17"  0
  LINE  "B17"  BEAM  "7"  "18"  0
  LINE  "B18"  BEAM  "8"  "19"  0
  LINE  "B19"  BEAM  "9"  "20"  0
  LINE  "B20"  BEAM  "10"  "21"  0
  LINE  "B21"  BEAM  "11"  "22"  0
  LINE  "B22"  BEAM  "12"  "13"  0
  LINE  "B23"  BEAM  "13"  "14"  0
  LINE  "B24"  BEAM  "14"  "15"  0
  LINE  "B25"  BEAM  "15"  "16"  0
  LINE  "B26"  BEAM  "16"  "17"  0
  LINE  "B27"  BEAM  "17"  "18"  0
  LINE  "B28"  BEAM  "18"  "19"  0
  LINE  "B29"  BEAM  "19"  "20"  0
  LINE  "B30"  BEAM  "20"  "21"  0
  LINE  "B31"  BEAM  "21"  "22"  0
  LINE  "B32"  BEAM  "12"  "23"  0
  LINE  "B33"  BEAM  "13"  "24"  0
  LINE  "B34"  BEAM  "14"  "25"  0
  LINE  "B35"  BEAM  "15"  "26"  0
  LINE  "B36"  BEAM  "16"  "27"  0
  LINE  "B37"  BEAM  "17"  "28"  0
  LINE  "B38"  BEAM  "18"  "29"  0
  LINE  "B39"  BEAM  "19"  "30"  0
  LINE  "B40"  BEAM  "20"  "31"  0
  LINE  "B41"  BEAM  "21"  "32"  0
  LINE  "B42"  BEAM  "22"  "33"  0
  LINE  "B43"  BEAM  "23"  "24"  0
  LINE  "B44"  BEAM  "24"  "25"  0
  LINE  "B45"  BEAM  "25"  "26"  0
  LINE  "B46"  BEAM  "26"  "27"  0
  LINE  "B47"  BEAM  "27"  "28"  0
  LINE  "B48"  BEAM  "28"  "29"  0
  LINE  "B49"  BEAM  "29"  "30"  0
  LINE  "B50"  BEAM  "30"  "31"  0
  LINE  "B51"  BEAM  "31"  "32"  0
  LINE  "B52"  BEAM  "32"  "33"  0
  LINE  "B53"  BEAM  "23"  "35"  0
  LINE  "B54"  BEAM  "24"  "36"  0
  LINE  "B55"  BEAM  "25"  "37"  0
  LINE  "B56"  BEAM  "26"  "38"  0
  LINE  "B57"  BEAM  "27"  "39"  0
  LINE  "B58"  BEAM  "28"  "40"  0
  LINE  "B59"  BEAM  "29"  "41"  0
  LINE  "B60"  BEAM  "30"  "42"  0
  LINE  "B61"  BEAM  "31"  "43"  0
  LINE  "B62"  BEAM  "32"  "44"  0
  LINE  "B63"  BEAM  "33"  "45"  0
  LINE  "B64"  BEAM  "35"  "36"  0
  LINE  "B65"  BEAM  "36"  "37"  0
  LINE  "B66"  BEAM  "37"  "38"  0
  LINE  "B67"  BEAM  "38"  "39"  0
  LINE  "B68"  BEAM  "39"  "40"  0
  LINE  "B69"  BEAM  "40"  "41"  0
  LINE  "B70"  BEAM  "41"  "42"  0
  LINE  "B71"  BEAM  "42"  "43"  0
  LINE  "B72"  BEAM  "43"  "44"  0
  LINE  "B73"  BEAM  "44"  "45"  0
  LINE  "B74"  BEAM  "35"  "46"  0
  LINE  "B75"  BEAM  "36"  "47"  0
  LINE  "B76"  BEAM  "37"  "48"  0
  LINE  "B77"  BEAM  "38"  "49"  0
  LINE  "B78"  BEAM  "39"  "50"  0
  LINE  "B79"  BEAM  "40"  "51"  0
  LINE  "B80"  BEAM  "41"  "52"  0
  LINE  "B81"  BEAM  "42"  "53"  0
  LINE  "B82"  BEAM  "43"  "54"  0
  LINE  "B83"  BEAM  "44"  "55"  0
  LINE  "B84"  BEAM  "45"  "56"  0
  LINE  "B85"  BEAM  "46"  "47"  0
  LINE  "B86"  BEAM  "47"  "48"  0
  LINE  "B87"  BEAM  "48"  "49"  0
  LINE  "B88"  BEAM  "49"  "50"  0
  LINE  "B89"  BEAM  "50"  "51"  0
  LINE  "B90"  BEAM  "51"  "52"  0
  LINE  "B91"  BEAM  "52"  "53"  0
  LINE  "B92"  BEAM  "53"  "54"  0
  LINE  "B93"  BEAM  "54"  "55"  0
  LINE  "B94"  BEAM  "55"  "56"  0

$ AREA CONNECTIVITIES
  AREA "F1"  FLOOR  18  "2"  "13"  "14"  "15"  "16"  "17"  "18"  "19"
"20"  "21"  "10"  "9"  "8"  "7"  "6"  "5"  "4"  "3"  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0  0  0  0
  AREA "F2"  FLOOR  20  "13"  "24"  "36"  "37"  "38"  "39"  "40"  "41"
"42"  "43"  "44"  "32"  "21"  "20"  "19"  "18"  "17"  "16"  "15"  "14"  0
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
  AREA "F3"  FLOOR  10  "1"  "12"  "23"  "35"  "46"  "47"  "36"  "24"
"13"  "2"  0  0  0  0  0  0  0  0  0  0
  AREA "F4"  FLOOR  10  "10"  "21"  "32"  "44"  "55"  "56"  "45"  "33"
"22"  "11"  0  0  0  0  0  0  0  0  0  0
  AREA "F5"  FLOOR  18  "36"  "47"  "48"  "49"  "50"  "51"  "52"  "53"
"54"  "55"  "44"  "43"  "42"  "41"  "40"  "39"  "38"  "37"  0  0  0  0  0
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0

$ GROUPS
  GROUP "DER"
  GROUP "DER"  POINT "13"  "NE+3.45"
  GROUP "DER"  POINT "14"  "NE+3.45"
  GROUP "DER"  POINT "24"  "NE+3.45"
  GROUP "DER"  POINT "36"  "NE+3.45"
  GROUP "DER"  POINT "37"  "NE+3.45"
  GROUP "DER"  POINT "15"  "NE+3.45"
  GROUP "DER"  POINT "26"  "NE+3.45"
  GROUP "DER"  POINT "38"  "NE+3.45"
  GROUP "DER"  POINT "16"  "NE+3.45"
  GROUP "DER"  POINT "39"  "NE+3.45"
  GROUP "DER"  POINT "17"  "NE+3.45"
  GROUP "DER"  POINT "28"  "NE+3.45"
  GROUP "DER"  POINT "40"  "NE+3.45"
  GROUP "DER"  POINT "18"  "NE+3.45"
  GROUP "DER"  POINT "41"  "NE+3.45"
  GROUP "DER"  POINT "19"  "NE+3.45"
  GROUP "DER"  POINT "30"  "NE+3.45"
  GROUP "DER"  POINT "42"  "NE+3.45"
  GROUP "DER"  POINT "20"  "NE+3.45"
  GROUP "DER"  POINT "43"  "NE+3.45"
  GROUP "DER"  POINT "21"  "NE+3.45"
  GROUP "DER"  POINT "32"  "NE+3.45"
  GROUP "DER"  POINT "44"  "NE+3.45"
  GROUP "DER"  POINT "13"  "NE+6.80"
  GROUP "DER"  POINT "14"  "NE+6.80"
  GROUP "DER"  POINT "15"  "NE+6.80"
  GROUP "DER"  POINT "16"  "NE+6.80"
  GROUP "DER"  POINT "17"  "NE+6.80"
  GROUP "DER"  POINT "18"  "NE+6.80"
  GROUP "DER"  POINT "19"  "NE+6.80"
  GROUP "DER"  POINT "20"  "NE+6.80"
  GROUP "DER"  POINT "21"  "NE+6.80"
  GROUP "DER"  POINT "24"  "NE+6.80"
  GROUP "DER"  POINT "26"  "NE+6.80"
  GROUP "DER"  POINT "28"  "NE+6.80"
  GROUP "DER"  POINT "30"  "NE+6.80"
  GROUP "DER"  POINT "32"  "NE+6.80"
  GROUP "DER"  POINT "36"  "NE+6.80"
  GROUP "DER"  POINT "37"  "NE+6.80"
  GROUP "DER"  POINT "38"  "NE+6.80"
  GROUP "DER"  POINT "39"  "NE+6.80"
  GROUP "DER"  POINT "40"  "NE+6.80"
  GROUP "DER"  POINT "41"  "NE+6.80"
  GROUP "DER"  POINT "42"  "NE+6.80"
  GROUP "DER"  POINT "43"  "NE+6.80"
  GROUP "DER"  POINT "44"  "NE+6.80"
  GROUP "DER"  LINE "C1"  "NE+3.45"
  GROUP "DER"  LINE "C2"  "NE+3.45"
  GROUP "DER"  LINE "C3"  "NE+3.45"
  GROUP "DER"  LINE "C4"  "NE+3.45"
  GROUP "DER"  LINE "C5"  "NE+3.45"
  GROUP "DER"  LINE "C6"  "NE+3.45"
```

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  GROUP "DER"  LINE "C7"  "NE+3.45"
  GROUP "DER"  LINE "C8"  "NE+3.45"
  GROUP "DER"  LINE "C9"  "NE+3.45"
  GROUP "DER"  LINE "C10"  "NE+3.45"
  GROUP "DER"  LINE "C11"  "NE+3.45"
  GROUP "DER"  LINE "C12"  "NE+3.45"
  GROUP "DER"  LINE "C13"  "NE+3.45"
  GROUP "DER"  LINE "C14"  "NE+3.45"
  GROUP "DER"  LINE "C15"  "NE+3.45"
  GROUP "DER"  LINE "C16"  "NE+3.45"
  GROUP "DER"  LINE "C17"  "NE+3.45"
  GROUP "DER"  LINE "C18"  "NE+3.45"
  GROUP "DER"  LINE "C19"  "NE+3.45"
  GROUP "DER"  LINE "C20"  "NE+3.45"
  GROUP "DER"  LINE "C21"  "NE+3.45"
  GROUP "DER"  LINE "C22"  "NE+3.45"
  GROUP "DER"  LINE "C23"  "NE+3.45"
  GROUP "DER"  LINE "C1"  "NE+6.80"
  GROUP "DER"  LINE "C2"  "NE+6.80"
  GROUP "DER"  LINE "C3"  "NE+6.80"
  GROUP "DER"  LINE "C4"  "NE+6.80"
  GROUP "DER"  LINE "C5"  "NE+6.80"
  GROUP "DER"  LINE "C6"  "NE+6.80"
  GROUP "DER"  LINE "C7"  "NE+6.80"
  GROUP "DER"  LINE "C8"  "NE+6.80"
  GROUP "DER"  LINE "C9"  "NE+6.80"
  GROUP "DER"  LINE "C10"  "NE+6.80"
  GROUP "DER"  LINE "C11"  "NE+6.80"
  GROUP "DER"  LINE "C12"  "NE+6.80"
  GROUP "DER"  LINE "C13"  "NE+6.80"
  GROUP "DER"  LINE "C14"  "NE+6.80"
  GROUP "DER"  LINE "C15"  "NE+6.80"
  GROUP "DER"  LINE "C16"  "NE+6.80"
  GROUP "DER"  LINE "C17"  "NE+6.80"
  GROUP "DER"  LINE "C18"  "NE+6.80"
  GROUP "DER"  LINE "C19"  "NE+6.80"
  GROUP "DER"  LINE "C20"  "NE+6.80"
  GROUP "DER"  LINE "C21"  "NE+6.80"
  GROUP "DER"  LINE "C22"  "NE+6.80"
  GROUP "DER"  LINE "C23"  "NE+6.80"

$ POINT ASSIGNS
  POINTASSIGN  "13"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "13"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "14"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "14"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "15"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "16"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "17"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "18"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "19"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "20"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "21"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "24"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "24"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "25"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "26"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "28"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "30"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "32"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "36"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "37"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "38"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "39"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "40"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "41"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "42"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "43"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "44"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "36"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "47"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "37"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "48"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "15"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "26"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "38"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "49"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "16"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "27"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "39"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "50"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "17"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "28"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "40"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "51"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "18"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "29"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "41"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "52"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "19"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "30"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "42"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "53"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "20"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "31"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "43"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "54"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "21"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "32"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "44"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "55"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "13"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "14"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "15"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "16"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "17"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "18"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "19"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "20"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "21"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "24"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "26"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "28"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "30"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "32"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "36"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "37"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "38"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "39"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "40"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "41"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "42"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "43"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "44"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "12"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "23"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "35"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "45"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "46"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "47"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "55"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "56"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "48"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "49"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "50"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "51"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "52"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "53"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "54"  "NE+6.80"  USERJOINT  "Yes"

$ LINE ASSIGNS
  LINEASSIGN  "C1"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C2"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C3"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C4"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C5"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C6"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C7"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C8"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C9"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C10"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C11"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C12"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C13"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C14"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C15"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C16"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C17"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C18"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C19"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C20"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C21"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C22"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C23"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B23"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B24"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B25"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B26"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B27"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B28"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B29"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B30"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B44"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B45"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B46"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B47"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
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  LINEASSIGN  "B48"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B49"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B50"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B51"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B65"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B66"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B67"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B68"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B69"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B70"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B71"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B72"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B86"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B87"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B88"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B89"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B90"  "NE+3.45"  SECTION "V20X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B91"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B92"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B93"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B33"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B54"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B75"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B34"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B55"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B76"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B35"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B56"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B77"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B36"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B57"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B78"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B37"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B58"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B79"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B38"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B59"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B80"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B39"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B60"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B81"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B40"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B61"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B82"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B41"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B62"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B83"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C1"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C2"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C3"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C4"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C5"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C6"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
                                                          "YES"
  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C7"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C8"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C9"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C10"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C11"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C12"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C13"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C14"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C15"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C16"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C17"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C18"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C19"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C20"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C21"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C22"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C23"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B22"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B23"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B24"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B25"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B26"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B27"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B28"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B29"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B30"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B43"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B44"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B45"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B46"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B47"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B48"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B49"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B50"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B51"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B64"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B65"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B66"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B67"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B68"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B69"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B70"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B71"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B72"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B73"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B85"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B94"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B86"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B87"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B88"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B89"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B90"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
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  LINEASSIGN  "B91"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B92"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B93"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B32"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B53"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B74"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B84"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B33"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B54"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B75"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B34"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B55"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B76"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B35"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B56"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B77"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B36"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B57"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B78"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B37"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B58"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B79"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B38"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B59"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B80"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B39"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B60"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B81"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B40"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B61"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B82"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B41"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B62"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B83"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B12"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B13"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B14"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B15"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B16"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B17"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B18"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B19"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B20"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B1"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B11"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B2"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B3"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B4"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B5"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B6"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B7"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B8"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B9"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B31"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B52"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B10"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B21"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B42"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B63"  "NE+6.80"  SECTION "V15X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"

$ AREA ASSIGNS
  AREAASSIGN  "F5"  "NE+3.45"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"AUTOMESH"  MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F2"  "NE+3.45"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"AUTOMESH"  MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F5"  "NE+6.80"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"AUTOMESH"  MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F3"  "NE+6.80"  SECTION "LOSA"  OBJMESHTYPE "AUTOMESH"
MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F1"  "NE+6.80"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"AUTOMESH"  MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F4"  "NE+6.80"  SECTION "LOSA"  OBJMESHTYPE "AUTOMESH"
MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"

$ LOAD PATTERNS
  LOADPATTERN "PPROPIO"  TYPE  "Dead"  SELFWEIGHT  1
  LOADPATTERN "MUERTA"  TYPE  "Dead"  SELFWEIGHT  0
  LOADPATTERN "VIVA"  TYPE  "Live"  SELFWEIGHT  0
  LOADPATTERN "SISMOX"  TYPE  "Seismic"  SELFWEIGHT  0
  LOADPATTERN "SISMOY"  TYPE  "Seismic"  SELFWEIGHT  0
  SEISMIC "SISMOX"  "User Coefficient"    DIR "X+ECC"  ECC 0.05  TOPSTORY
"NE+6.80"    BOTTOMSTORY "Base"    SHEARCOEFF 0.7031  HEIGHTEXPONENT 1
  SEISMIC "SISMOY"  "User Coefficient"    DIR "Y+ECC"  ECC 0.05  TOPSTORY
"NE+6.80"    BOTTOMSTORY "Base"    SHEARCOEFF 0.7031  HEIGHTEXPONENT 1

$ POINT OBJECT LOADS

$ FRAME OBJECT LOADS
  LINELOAD  "B23"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B24"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B25"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B26"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B27"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B28"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B29"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B30"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B65"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B66"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B67"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B68"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B69"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B70"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B71"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B72"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B86"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B87"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B88"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B89"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B90"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B91"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B92"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B93"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B33"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B54"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B35"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B56"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B37"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
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  LINELOAD  "B58"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B39"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B60"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B41"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B62"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B83"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B85"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B94"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B86"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B87"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B88"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B89"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B90"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B91"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B92"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B93"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B32"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B53"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B74"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B84"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B33"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.16
  LINELOAD  "B33"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.11
  LINELOAD  "B54"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.16
  LINELOAD  "B54"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.11
  LINELOAD  "B34"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B34"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B55"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B55"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B35"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B35"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B56"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B56"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B36"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B36"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B57"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B57"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B37"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B37"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B58"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B58"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B38"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B38"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B59"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B59"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B39"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B39"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B60"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B60"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B40"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B40"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B61"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  LINELOAD  "B61"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.22
  LINELOAD  "B41"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.16
  LINELOAD  "B41"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.11
  LINELOAD  "B62"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.16
  LINELOAD  "B62"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.11
  LINELOAD  "B1"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B11"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B2"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B3"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B4"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B5"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B6"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B7"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B8"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B9"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B10"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B21"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B42"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B63"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37

$ SHELL OBJECT LOADS
  AREALOAD  "F5"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.41
  AREALOAD  "F5"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.5
  AREALOAD  "F2"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.51
  AREALOAD  "F2"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.2
  AREALOAD  "F5"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.05
  AREALOAD  "F5"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  AREALOAD  "F3"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.05
  AREALOAD  "F3"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  AREALOAD  "F1"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.05
  AREALOAD  "F1"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  AREALOAD  "F4"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32
  AREALOAD  "F4"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.05

$ ANALYSIS OPTIONS
  ACTIVEDOF "UX UY UZ RX RY RZ"
  MODELHINGESINLINKS "No"
  PDELTA  METHOD "NONE"
  AUTORECTMESH  LOCALIZEDFLOORMESHING  "Yes"  FLOORMESHMERGEJOINTS  "Yes"
FLOORMESHMAXSIZE  1.25 WALLMESHMAXSIZE  1.25

$ MASS SOURCE
  MASSSOURCE  "MsSrc1"    INCLUDEELEMENTS "No"    INCLUDEADDEDMASS "No"
INCLUDELOADS "Yes"    INCLUDEMOVE "No"    INCLUDELATERALMASS "Yes"
INCLUDEVERTICALMASS "No"    LUMPATSTORIES "Yes"    ISDEFAULT "Yes"
  MASSSOURCELOAD  "MsSrc1"  "PPROPIO"  1
  MASSSOURCELOAD  "MsSrc1"  "MUERTA"  1

$ GENERALIZED DISPLACEMENTS

$ LOAD CASES
  LOADCASE "Modal"  TYPE  "Modal - Eigen"  INITCOND  "PRESET"
  LOADCASE "Modal"  MAXMODES  12 MINMODES  12 EIGENSHIFTFREQ  0
EIGENCUTOFF  0 EIGENTOL  1E-07
  LOADCASE "PPROPIO"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "PPROPIO"  LOADPAT  "PPROPIO"  SF  1
  LOADCASE "MUERTA"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "MUERTA"  LOADPAT  "MUERTA"  SF  1
  LOADCASE "VIVA"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "VIVA"  LOADPAT  "VIVA"  SF  1
  LOADCASE "SISMOX"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "SISMOX"  LOADPAT  "SISMOX"  SF  1
  LOADCASE "SISMOY"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "SISMOY"  LOADPAT  "SISMOY"  SF  1

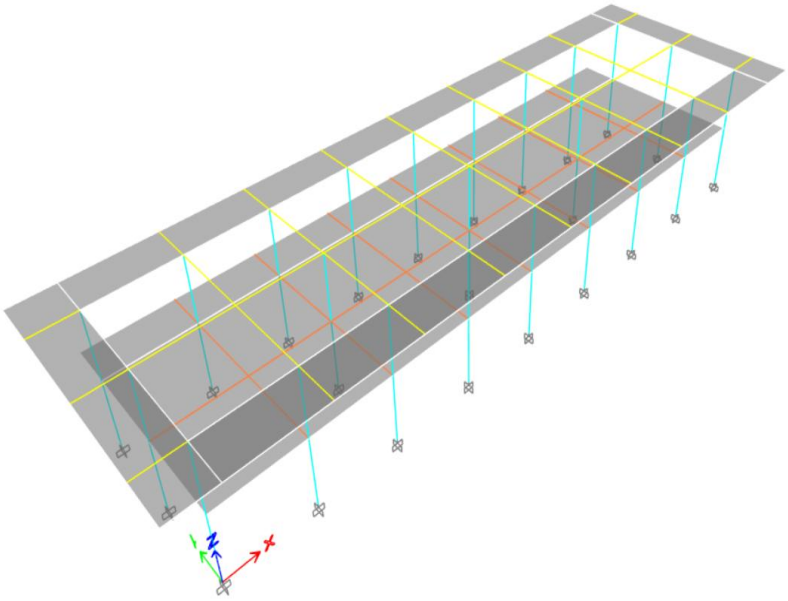
$ LOAD COMBINATIONS
  COMBO "COMB1"  TYPE "Linear Add"
  COMBO "COMB1"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB1"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB1"  LOADCASE "PPROPIO"  SF 1.4
  COMBO "COMB1"  LOADCASE "MUERTA"  SF 1.4
  COMBO "COMB2"  TYPE "Linear Add"
  COMBO "COMB2"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB2"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB2"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB2"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB2"  LOADCASE "VIVA"  SF 1.6
  COMBO "COMB3"  TYPE "Linear Add"
  COMBO "COMB3"  DESIGN "Concrete"  COMBOTYPE "Strength"
```

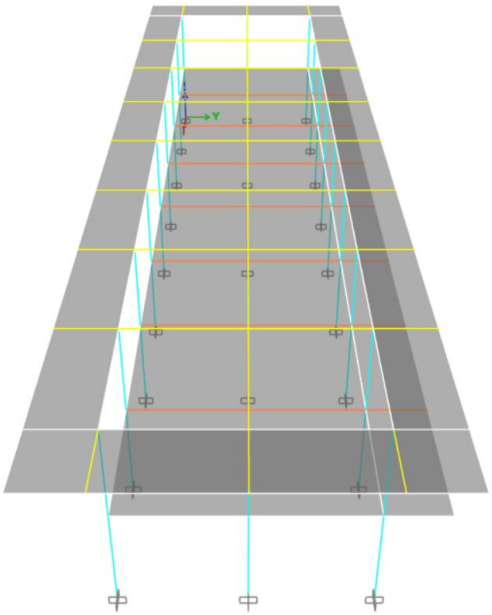
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COMBO "COMB3"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB3"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB3"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB3"  LOADCASE "VIVA"  SF 1
COMBO "COMB3"  LOADCASE "SISMOX"  SF 0.27
COMBO "COMB3"  LOADCASE "SISMOY"  SF 0.08
COMBO "COMB4"  TYPE "Linear Add"
COMBO "COMB4"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB4"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB4"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB4"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB4"  LOADCASE "VIVA"  SF 1
COMBO "COMB4"  LOADCASE "SISMOX"  SF 0.27
COMBO "COMB4"  LOADCASE "SISMOY"  SF -0.08
COMBO "COMB5"  TYPE "Linear Add"
COMBO "COMB5"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB5"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB5"  LOADCASE "VIVA"  SF 1
COMBO "COMB5"  LOADCASE "SISMOX"  SF -0.27
COMBO "COMB5"  LOADCASE "SISMOY"  SF -0.08
COMBO "COMB6"  TYPE "Linear Add"
COMBO "COMB6"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB6"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB6"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB6"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB6"  LOADCASE "VIVA"  SF 1
COMBO "COMB6"  LOADCASE "SISMOX"  SF -0.27
COMBO "COMB6"  LOADCASE "SISMOY"  SF 0.08
COMBO "COMB7"  TYPE "Linear Add"
COMBO "COMB7"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB7"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB7"  LOADCASE "VIVA"  SF 1
COMBO "COMB7"  LOADCASE "SISMOX"  SF 0.08
COMBO "COMB7"  LOADCASE "SISMOY"  SF 0.27
COMBO "COMB8"  TYPE "Linear Add"
COMBO "COMB8"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB8"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB8"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB8"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB8"  LOADCASE "VIVA"  SF 1
COMBO "COMB8"  LOADCASE "SISMOX"  SF -0.08
COMBO "COMB8"  LOADCASE "SISMOY"  SF 0.27
COMBO "COMB9"  TYPE "Linear Add"
COMBO "COMB9"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB9"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB9"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB9"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB9"  LOADCASE "VIVA"  SF 1
COMBO "COMB9"  LOADCASE "SISMOX"  SF -0.08
COMBO "COMB9"  LOADCASE "SISMOY"  SF -0.27
COMBO "COMB10"  TYPE "Linear Add"
COMBO "COMB10"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB10"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB10"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB10"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB10"  LOADCASE "VIVA"  SF 1
COMBO "COMB10"  LOADCASE "SISMOX"  SF 0.08
COMBO "COMB10"  LOADCASE "SISMOY"  SF -0.27
COMBO "COMB11"  TYPE "Linear Add"
COMBO "COMB11"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB11"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB11"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB11"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB11"  LOADCASE "SISMOX"  SF 0.27
COMBO "COMB11"  LOADCASE "SISMOY"  SF 0.08
COMBO "COMB12"  TYPE "Linear Add"
COMBO "COMB12"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB12"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB12"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB12"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB12"  LOADCASE "SISMOX"  SF 0.27
COMBO "COMB12"  LOADCASE "SISMOY"  SF -0.08
COMBO "COMB13"  TYPE "Linear Add"
COMBO "COMB13"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB13"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB13"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB13"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB13"  LOADCASE "SISMOX"  SF -0.27
COMBO "COMB13"  LOADCASE "SISMOY"  SF -0.08
COMBO "COMB14"  TYPE "Linear Add"
COMBO "COMB14"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB14"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB14"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB14"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB14"  LOADCASE "SISMOX"  SF -0.27
COMBO "COMB14"  LOADCASE "SISMOY"  SF 0.08
COMBO "COMB15"  TYPE "Linear Add"
COMBO "COMB15"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB15"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB15"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB15"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB15"  LOADCASE "SISMOX"  SF 0.08
COMBO "COMB15"  LOADCASE "SISMOY"  SF 0.27
COMBO "COMB16"  TYPE "Linear Add"
COMBO "COMB16"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB16"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB16"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB16"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB16"  LOADCASE "SISMOX"  SF -0.08
COMBO "COMB16"  LOADCASE "SISMOY"  SF 0.27
COMBO "COMB17"  TYPE "Linear Add"
COMBO "COMB17"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB17"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB17"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB17"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB17"  LOADCASE "SISMOX"  SF -0.08
COMBO "COMB17"  LOADCASE "SISMOY"  SF -0.27
COMBO "COMB18"  TYPE "Linear Add"
COMBO "COMB18"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB18"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB18"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB18"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB18"  LOADCASE "SISMOX"  SF 0.08
COMBO "COMB18"  LOADCASE "SISMOY"  SF -0.27
COMBO "DER1"  TYPE "Linear Add"
COMBO "DER1"  LOADCASE "PPROPIO"  SF 1
COMBO "DER1"  LOADCASE "MUERTA"  SF 1
COMBO "DER1"  LOADCASE "VIVA"  SF 1
COMBO "DER1"  LOADCASE "SISMOX"  SF 1
COMBO "DER1"  LOADCASE "SISMOY"  SF 0.3
COMBO "DER2"  TYPE "Linear Add"
COMBO "DER2"  LOADCASE "PPROPIO"  SF 1
COMBO "DER2"  LOADCASE "MUERTA"  SF 1
COMBO "DER2"  LOADCASE "VIVA"  SF 1
COMBO "DER2"  LOADCASE "SISMOX"  SF 1
COMBO "DER2"  LOADCASE "SISMOY"  SF -0.3
COMBO "DER3"  TYPE "Linear Add"
COMBO "DER3"  LOADCASE "PPROPIO"  SF 1
COMBO "DER3"  LOADCASE "MUERTA"  SF 1
COMBO "DER3"  LOADCASE "VIVA"  SF 1
COMBO "DER3"  LOADCASE "SISMOX"  SF -1
COMBO "DER3"  LOADCASE "SISMOY"  SF -0.3
COMBO "DER4"  TYPE "Linear Add"
COMBO "DER4"  LOADCASE "PPROPIO"  SF 1
COMBO "DER4"  LOADCASE "MUERTA"  SF 1
COMBO "DER4"  LOADCASE "VIVA"  SF 1
COMBO "DER4"  LOADCASE "SISMOX"  SF -1
COMBO "DER4"  LOADCASE "SISMOY"  SF 0.3
COMBO "DER5"  TYPE "Linear Add"
COMBO "DER5"  LOADCASE "PPROPIO"  SF 1
COMBO "DER5"  LOADCASE "MUERTA"  SF 1
COMBO "DER5"  LOADCASE "VIVA"  SF 1
COMBO "DER5"  LOADCASE "SISMOX"  SF 0.3
COMBO "DER5"  LOADCASE "SISMOY"  SF 1
COMBO "DER6"  TYPE "Linear Add"
COMBO "DER6"  LOADCASE "PPROPIO"  SF 1
COMBO "DER6"  LOADCASE "MUERTA"  SF 1
COMBO "DER6"  LOADCASE "VIVA"  SF 1
COMBO "DER6"  LOADCASE "SISMOX"  SF -0.3
COMBO "DER6"  LOADCASE "SISMOY"  SF 1
COMBO "DER7"  TYPE "Linear Add"
COMBO "DER7"  LOADCASE "PPROPIO"  SF 1
COMBO "DER7"  LOADCASE "MUERTA"  SF 1
COMBO "DER7"  LOADCASE "VIVA"  SF 1
COMBO "DER7"  LOADCASE "SISMOX"  SF -0.3
COMBO "DER7"  LOADCASE "SISMOY"  SF -1
COMBO "DER8"  TYPE "Linear Add"
COMBO "DER8"  LOADCASE "PPROPIO"  SF 1
COMBO "DER8"  LOADCASE "MUERTA"  SF 1
COMBO "DER8"  LOADCASE "VIVA"  SF 1
COMBO "DER8"  LOADCASE "SISMOX"  SF 0.3
COMBO "DER8"  LOADCASE "SISMOY"  SF -1
COMBO "DER9"  TYPE "Linear Add"
COMBO "DER9"  LOADCASE "PPROPIO"  SF 1
COMBO "DER9"  LOADCASE "MUERTA"  SF 1
COMBO "DER9"  LOADCASE "SISMOX"  SF 1
COMBO "DER9"  LOADCASE "SISMOY"  SF 0.3
COMBO "DER10"  TYPE "Linear Add"
COMBO "DER10"  LOADCASE "PPROPIO"  SF 1
COMBO "DER10"  LOADCASE "MUERTA"  SF 1
COMBO "DER10"  LOADCASE "SISMOX"  SF 1
COMBO "DER10"  LOADCASE "SISMOY"  SF -0.3
COMBO "DER11"  TYPE "Linear Add"
COMBO "DER11"  LOADCASE "PPROPIO"  SF 1
COMBO "DER11"  LOADCASE "MUERTA"  SF 1
COMBO "DER11"  LOADCASE "SISMOX"  SF -1
COMBO "DER11"  LOADCASE "SISMOY"  SF -0.3
COMBO "DER12"  TYPE "Linear Add"
COMBO "DER12"  LOADCASE "PPROPIO"  SF 1
COMBO "DER12"  LOADCASE "MUERTA"  SF 1
COMBO "DER12"  LOADCASE "SISMOX"  SF -1
COMBO "DER12"  LOADCASE "SISMOY"  SF 0.3
COMBO "DER13"  TYPE "Linear Add"
COMBO "DER13"  LOADCASE "PPROPIO"  SF 1
COMBO "DER13"  LOADCASE "MUERTA"  SF 1
COMBO "DER13"  LOADCASE "SISMOX"  SF 0.3
COMBO "DER13"  LOADCASE "SISMOY"  SF 1
COMBO "DER14"  TYPE "Linear Add"
COMBO "DER14"  LOADCASE "PPROPIO"  SF 1
COMBO "DER14"  LOADCASE "MUERTA"  SF 1
COMBO "DER14"  LOADCASE "SISMOX"  SF -0.3
COMBO "DER14"  LOADCASE "SISMOY"  SF 1
COMBO "DER15"  TYPE "Linear Add"
COMBO "DER15"  LOADCASE "PPROPIO"  SF 1
COMBO "DER15"  LOADCASE "MUERTA"  SF 1
COMBO "DER15"  LOADCASE "SISMOX"  SF -0.3
COMBO "DER15"  LOADCASE "SISMOY"  SF -1
COMBO "DER16"  TYPE "Linear Add"
COMBO "DER16"  LOADCASE "PPROPIO"  SF 1
COMBO "DER16"  LOADCASE "MUERTA"  SF 1
COMBO "DER16"  LOADCASE "SISMOX"  SF 0.3
COMBO "DER16"  LOADCASE "SISMOY"  SF -1
COMBO "CIMENT"  TYPE "Linear Add"
COMBO "CIMENT"  LOADCASE "PPROPIO"  SF 1
COMBO "CIMENT"  LOADCASE "MUERTA"  SF 1
COMBO "CIMENT"  LOADCASE "VIVA"  SF 1
COMBO "CORPL3"  TYPE "Linear Add"
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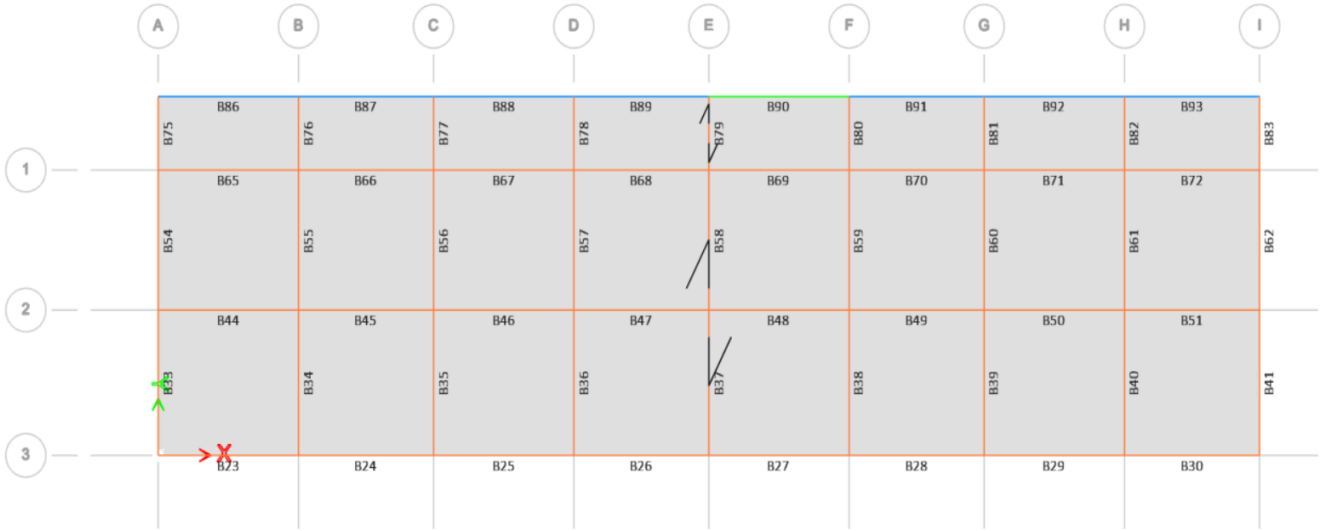
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COMBO "CORPL3"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL3"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL3"  LOADCASE "VIVA"  SF 1
COMBO "CORPL3"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL3"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL4"  TYPE "Linear Add"
COMBO "CORPL4"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL4"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL4"  LOADCASE "VIVA"  SF 1
COMBO "CORPL4"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL4"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL5"  TYPE "Linear Add"
COMBO "CORPL5"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL5"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL5"  LOADCASE "VIVA"  SF 1
COMBO "CORPL5"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL5"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL6"  TYPE "Linear Add"
COMBO "CORPL6"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL6"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL6"  LOADCASE "VIVA"  SF 1
COMBO "CORPL6"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL6"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL7"  TYPE "Linear Add"
COMBO "CORPL7"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL7"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL7"  LOADCASE "VIVA"  SF 1
COMBO "CORPL7"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL7"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL8"  TYPE "Linear Add"
COMBO "CORPL8"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL8"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL8"  LOADCASE "VIVA"  SF 1
COMBO "CORPL8"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL8"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL9"  TYPE "Linear Add"
COMBO "CORPL9"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL9"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL9"  LOADCASE "VIVA"  SF 1
COMBO "CORPL9"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL9"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL10"  TYPE "Linear Add"
COMBO "CORPL10"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL10"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL10"  LOADCASE "VIVA"  SF 1
COMBO "CORPL10"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL10"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL11"  TYPE "Linear Add"
COMBO "CORPL11"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL11"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL11"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL11"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL12"  TYPE "Linear Add"
COMBO "CORPL12"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL12"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL12"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL12"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL13"  TYPE "Linear Add"
COMBO "CORPL13"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL13"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL13"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL13"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL14"  TYPE "Linear Add"
COMBO "CORPL14"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL14"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL14"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL14"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL15"  TYPE "Linear Add"
COMBO "CORPL15"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL15"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL15"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL15"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL16"  TYPE "Linear Add"
COMBO "CORPL16"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL16"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL16"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL16"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL17"  TYPE "Linear Add"
COMBO "CORPL17"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL17"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL17"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL17"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL18"  TYPE "Linear Add"
COMBO "CORPL18"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL18"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL18"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL18"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL3-1"  TYPE "Linear Add"
COMBO "CORPL3-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL3-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL3-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL3-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL3-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL4-1"  TYPE "Linear Add"
COMBO "CORPL4-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL4-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL4-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL4-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL4-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL5-1"  TYPE "Linear Add"
COMBO "CORPL5-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL5-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL5-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL5-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL5-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL6-1"  TYPE "Linear Add"
COMBO "CORPL6-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL6-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL6-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL6-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL6-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL7-1"  TYPE "Linear Add"
COMBO "CORPL7-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL7-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL7-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL7-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL7-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL8-1"  TYPE "Linear Add"
COMBO "CORPL8-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL8-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL8-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL8-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL8-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL9-1"  TYPE "Linear Add"
COMBO "CORPL9-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL9-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL9-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL9-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL9-1"  LOADCASE "SISMOY"  SF -0.81
COMBO "CORPL10-1"  TYPE "Linear Add"
COMBO "CORPL10-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL10-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL10-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL10-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL10-1"  LOADCASE "SISMOY"  SF -0.81
COMBO "CORPL11-1"  TYPE "Linear Add"
COMBO "CORPL11-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL11-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL11-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL11-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL12-1"  TYPE "Linear Add"
COMBO "CORPL12-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL12-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL12-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL12-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL13-1"  TYPE "Linear Add"
COMBO "CORPL13-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL13-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL13-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL13-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL14-1"  TYPE "Linear Add"
COMBO "CORPL14-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL14-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL14-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL14-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL15-1"  TYPE "Linear Add"
COMBO "CORPL15-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL15-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL15-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL15-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL16-1"  TYPE "Linear Add"
COMBO "CORPL16-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL16-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL16-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL16-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL17-1"  TYPE "Linear Add"
COMBO "CORPL17-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL17-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL17-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL17-1"  LOADCASE "SISMOY"  SF -0.81
COMBO "CORPL18-1"  TYPE "Linear Add"
COMBO "CORPL18-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL18-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL18-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL18-1"  LOADCASE "SISMOY"  SF -0.81

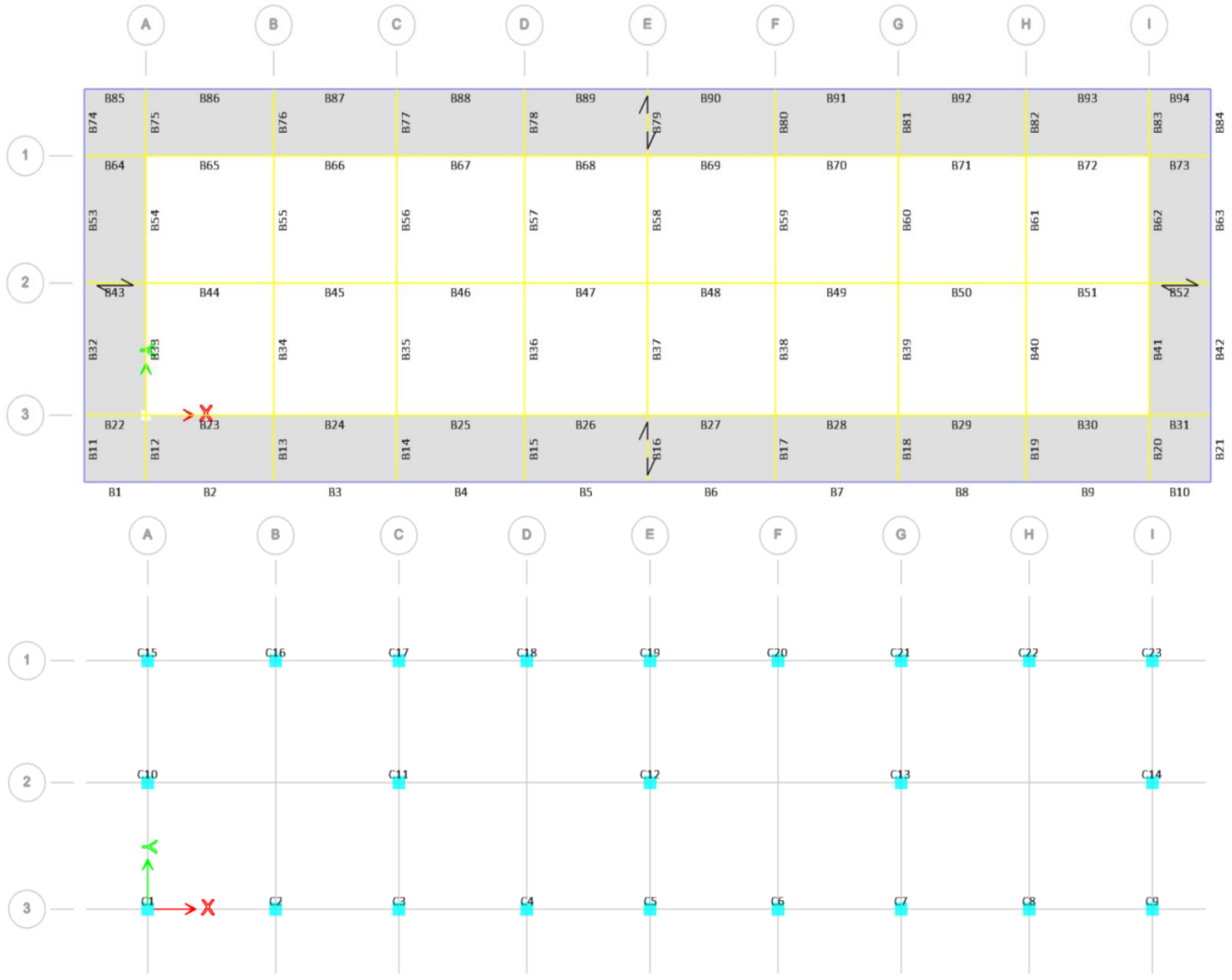
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2.1 ISOMÉTRICO DE LA ESTRUCTURA

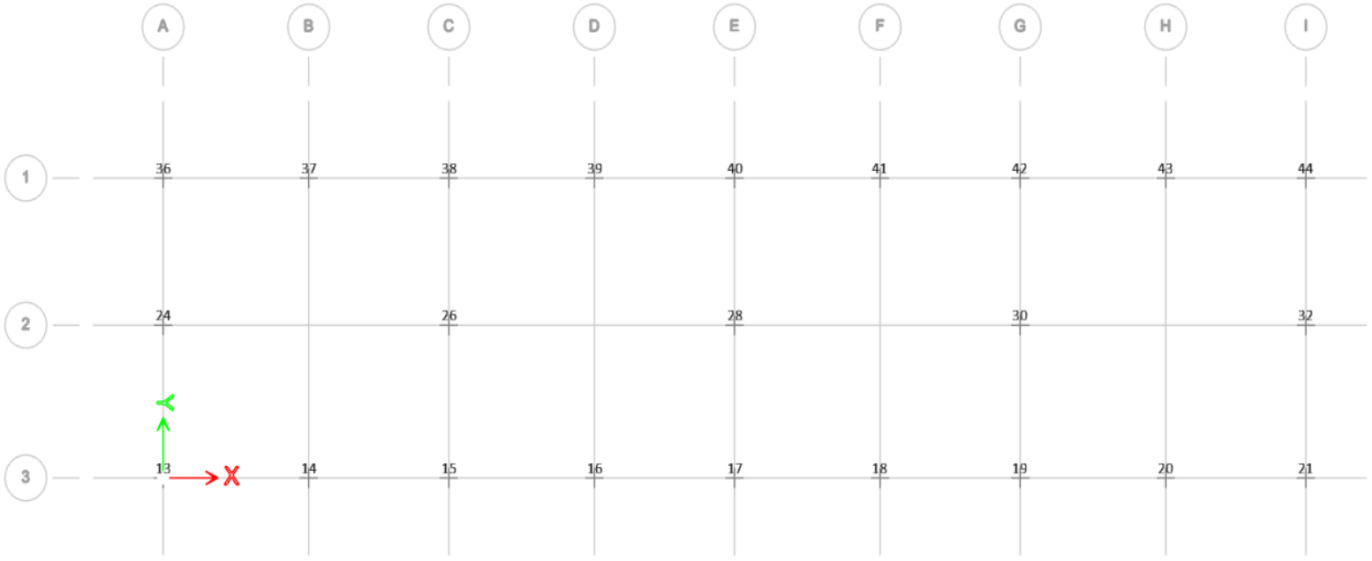








NUMERACIÓN ELEMENTOS PLANTA PISO 2, CUBIERTA Y COLUMNAS



NUMERACIÓN NUDOS

2.2 COMBINACIONES DE CARGA

EVALUACIÓN DERIVAS

1.00CM+1.00CV + EQX + 0.30EQY	1.00CM+ EQX + 0.30EQY
1.00CM+1.00CV + EQX – 0.30EQY	1.00CM+ EQX – 0.30EQY
1.00CM+1.00CV – EQX + 0.30EQY	1.00CM– EQX + 0.30EQY
1.00CM+1.00CV – EQX – 0.30EQY	1.00CM– EQX – 0.30EQY
1.00CM+1.00CV + 0.30EQX + EQY	1.00CM+ 0.30EQX + EQY
1.00CM+1.00CV + 0.30EQX – EQY	1.00CM+ 0.30EQX – EQY
1.00CM+1.00CV – 0.30EQX + EQY	1.00CM– 0.30EQX + EQY
1.00CM+1.00CV – 0.30EQX – EQY	1.00CM– 0.30EQX – EQY

DISEÑO ESTRUCTURA

1.40CM
1.20CM+1.60CV

1.20CM+1.00CV + EQX/R + 0.30EQY/R	0.90CM+ EQX/R + 0.30EQY/R
1.20CM+1.00CV + EQX/R – 0.30EQY/R	0.90CM– EQX/R + 0.30EQY/R
1.20CM+1.00CV – EQX/R + 0.30EQY/R	0.90CM+ EQX/R – 0.30EQY/R
1.20CM+1.00CV – EQX/R – 0.30EQY/R	0.90CM– EQX/R – 0.30EQY/R
1.20CM+1.00CV + 0.30EQX/R + EQY/R	0.90CM+ 0.30EQX/R + EQY/R
1.20CM+1.00CV + 0.30EQX/R – EQY/R	0.90CM+ 0.30EQX/R – EQY/R
1.20CM+1.00CV – 0.30EQX/R + EQY/R	0.90CM– 0.30EQX/R + EQY/R
1.20CM+1.00CV – 0.30EQX/R – EQY/R	0.90CM– 0.30EQX/R – EQY/R

REVISIÓN CORTANTE VIGAS

1.20CM+1.00CV + 2EQX/R + 0.60EQY/R	0.90CM+ 2EQX/R + 0.60EQY/R
1.20CM+1.00CV + 2EQX/R – 0.60EQY/R	0.90CM– 2EQX/R + 0.60EQY/R
1.20CM+1.00CV – 2EQX/R + 0.60EQY/R	0.90CM+ 2EQX/R – 0.60EQY/R
1.20CM+1.00CV – 2EQX/R – 0.60EQY/R	0.90CM– 2EQX/R – 0.60EQY/R
1.20CM+1.00CV + 0.60EQX/R + 2EQY/R	0.90CM+ 0.60EQX/R + 2EQY/R
1.20CM+1.00CV + 0.60EQX/R – 2EQY/R	0.90CM+ 0.60EQX/R – 2EQY/R
1.20CM+1.00CV – 0.60EQX/R + 2EQY/R	0.90CM– 0.60EQX/R + 2EQY/R
1.20CM+1.00CV – 0.60EQX/R – 2EQY/R	0.90CM– 0.60EQX/R – 2EQY/R

REVISIÓN CORTANTE COLUMNAS

Incrementado por medio de Ω.
Donde: Ro = 5.00 Ω = 3.00

1.20CM+1.00CV + 3EQX/R + 0.90EQY/R	0.90CM+ 3EQX/R + 0.90EQY/R
1.20CM+1.00CV + 3EQX/R – 0.90EQY/R	0.90CM– 3EQX/R + 0.90EQY/R
1.20CM+1.00CV – 3EQX/R + 0.90EQY/R	0.90CM+ 3EQX/R – 0.90EQY/R
1.20CM+1.00CV – 3EQX/R – 0.90EQY/R	0.90CM– 3EQX/R – 0.90EQY/R
1.20CM+1.00CV + 0.90EQX/R + 3EQY/R	0.90CM+ 0.90EQX/R + 3EQY/R
1.20CM+1.00CV + 0.90EQX/R – 3EQY/R	0.90CM+ 0.90EQX/R – 3EQY/R
1.20CM+1.00CV – 0.90EQX/R + 3EQY/R	0.90CM– 0.90EQX/R + 3EQY/R
1.20CM+1.00CV – 0.90EQX/R – 3EQY/R	0.90CM– 0.90EQX/R – 3EQY/R

2.3 VERIFICACIÓN DE DERIVAS

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	13	DER1	0.050	0.024	0.022	3.35	0.034	OK	0.65
NE+3.45	13	DER1	0.022	0.010	-0.019	3.45	0.035	OK	-0.54
NE+6.80	13	DER2	0.049	-0.012	0.020	3.35	0.034	OK	0.60
NE+3.45	13	DER2	0.022	-0.004	-0.021	3.45	0.035	OK	-0.62
NE+6.80	13	DER3	-0.050	-0.016	0.021	3.35	0.034	OK	0.62
NE+3.45	13	DER3	-0.022	-0.007	-0.021	3.45	0.035	OK	-0.62
NE+6.80	13	DER4	-0.050	0.020	0.021	3.35	0.034	OK	0.64
NE+3.45	13	DER4	-0.022	0.008	-0.030	3.45	0.035	OK	-0.88
NE+6.80	13	DER5	0.016	0.065	0.027	3.35	0.034	OK	0.82
NE+3.45	13	DER5	0.007	0.026	-0.026	3.45	0.035	OK	-0.77
NE+6.80	13	DER6	-0.014	0.063	0.027	3.35	0.034	OK	0.81
NE+3.45	13	DER6	-0.006	0.026	-0.023	3.45	0.035	OK	-0.66
NE+6.80	13	DER7	-0.016	-0.057	0.025	3.35	0.034	OK	0.74
NE+3.45	13	DER7	-0.007	-0.023	-0.024	3.45	0.035	OK	-0.68
NE+6.80	13	DER8	0.014	-0.056	0.024	3.35	0.034	OK	0.72
NE+3.45	13	DER8	0.006	-0.022	-0.022	3.45	0.035	OK	-0.64
NE+6.80	13	DER9	0.050	0.022	0.022	3.35	0.034	OK	0.64
NE+3.45	13	DER9	0.022	0.010	-0.019	3.45	0.035	OK	-0.56
NE+6.80	13	DER10	0.049	-0.014	0.020	3.35	0.034	OK	0.61
NE+3.45	13	DER10	0.022	-0.005	-0.022	3.45	0.035	OK	-0.63
NE+6.80	13	DER11	-0.050	-0.018	0.021	3.35	0.034	OK	0.63
NE+3.45	13	DER11	-0.022	-0.007	-0.021	3.45	0.035	OK	-0.61
NE+6.80	13	DER12	-0.050	0.019	0.021	3.35	0.034	OK	0.63
NE+3.45	13	DER12	-0.022	0.007	-0.030	3.45	0.035	OK	-0.86
NE+6.80	13	DER13	0.016	0.063	0.027	3.35	0.034	OK	0.80
NE+3.45	13	DER13	0.007	0.026	-0.026	3.45	0.035	OK	-0.75
NE+6.80	13	DER14	-0.014	0.062	0.027	3.35	0.034	OK	0.79
NE+3.45	13	DER14	-0.006	0.025	-0.024	3.45	0.035	OK	-0.71
NE+6.80	13	DER15	-0.016	-0.058	0.025	3.35	0.034	OK	0.75
NE+3.45	13	DER15	-0.007	-0.023	-0.024	3.45	0.035	OK	-0.70
NE+6.80	13	DER16	0.014	-0.057	0.025	3.35	0.034	OK	0.74
NE+3.45	13	DER16	0.006	-0.023	0.016	3.45	0.035	OK	0.48

0.819

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	14	DER1	0.050	0.025	0.022	3.35	0.034	OK	0.66
NE+3.45	14	DER1	0.022	0.010	-0.019	3.45	0.035	OK	-0.55
NE+6.80	14	DER2	0.049	-0.013	0.020	3.35	0.034	OK	0.60
NE+3.45	14	DER2	0.022	-0.005	-0.021	3.45	0.035	OK	-0.61
NE+6.80	14	DER3	-0.050	-0.016	0.021	3.35	0.034	OK	0.62
NE+3.45	14	DER3	-0.022	-0.007	-0.022	3.45	0.035	OK	-0.64
NE+6.80	14	DER4	-0.050	0.022	0.022	3.35	0.034	OK	0.65
NE+3.45	14	DER4	-0.022	0.008	-0.033	3.45	0.035	OK	-0.96
NE+6.80	14	DER5	0.016	0.069	0.030	3.35	0.034	OK	0.89
NE+3.45	14	DER5	0.007	0.027	-0.029	3.45	0.035	OK	-0.84
NE+6.80	14	DER6	-0.014	0.068	0.030	3.35	0.034	OK	0.88
NE+3.45	14	DER6	-0.006	0.026	-0.024	3.45	0.035	OK	-0.70
NE+6.80	14	DER7	-0.016	-0.059	0.026	3.35	0.034	OK	0.77
NE+3.45	14	DER7	-0.007	-0.023	-0.025	3.45	0.035	OK	-0.72
NE+6.80	14	DER8	0.014	-0.058	0.025	3.35	0.034	OK	0.76
NE+3.45	14	DER8	0.006	-0.023	-0.022	3.45	0.035	OK	-0.64
NE+6.80	14	DER9	0.050	0.024	0.022	3.35	0.034	OK	0.65
NE+3.45	14	DER9	0.022	0.009	-0.019	3.45	0.035	OK	-0.56
NE+6.80	14	DER10	0.049	-0.015	0.020	3.35	0.034	OK	0.61
NE+3.45	14	DER10	0.022	-0.005	-0.021	3.45	0.035	OK	-0.62
NE+6.80	14	DER11	-0.050	-0.018	0.021	3.35	0.034	OK	0.63
NE+3.45	14	DER11	-0.022	-0.007	-0.021	3.45	0.035	OK	-0.62
NE+6.80	14	DER12	-0.050	0.020	0.022	3.35	0.034	OK	0.64
NE+3.45	14	DER12	-0.022	0.008	-0.032	3.45	0.035	OK	-0.93
NE+6.80	14	DER13	0.016	0.067	0.029	3.35	0.034	OK	0.87
NE+3.45	14	DER13	0.007	0.026	-0.028	3.45	0.035	OK	-0.82
NE+6.80	14	DER14	-0.014	0.066	0.029	3.35	0.034	OK	0.86
NE+3.45	14	DER14	-0.006	0.026	-0.026	3.45	0.035	OK	-0.74
NE+6.80	14	DER15	-0.016	-0.061	0.027	3.35	0.034	OK	0.80
NE+3.45	14	DER15	-0.007	-0.024	-0.026	3.45	0.035	OK	-0.75
NE+6.80	14	DER16	0.014	-0.060	0.026	3.35	0.034	OK	0.78
NE+3.45	14	DER16	0.006	-0.023	0.017	3.45	0.035	OK	0.49

0.893

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	15	DER1	0.050	0.023	0.022	3.35	0.034	OK	0.65
NE+3.45	15	DER1	0.022	0.010	-0.019	3.45	0.035	OK	-0.55
NE+6.80	15	DER2	0.049	-0.012	0.020	3.35	0.034	OK	0.60
NE+3.45	15	DER2	0.022	-0.005	-0.021	3.45	0.035	OK	-0.60
NE+6.80	15	DER3	-0.050	-0.014	0.020	3.35	0.034	OK	0.61
NE+3.45	15	DER3	-0.022	-0.006	-0.022	3.45	0.035	OK	-0.63
NE+6.80	15	DER4	-0.049	0.021	0.021	3.35	0.034	OK	0.64
NE+3.45	15	DER4	-0.022	0.009	-0.030	3.45	0.035	OK	-0.87
NE+6.80	15	DER5	0.016	0.064	0.027	3.35	0.034	OK	0.79
NE+3.45	15	DER5	0.007	0.027	-0.026	3.45	0.035	OK	-0.75
NE+6.80	15	DER6	-0.014	0.063	0.026	3.35	0.034	OK	0.79
NE+3.45	15	DER6	-0.006	0.027	-0.021	3.45	0.035	OK	-0.60
NE+6.80	15	DER7	-0.016	-0.055	0.023	3.35	0.034	OK	0.68
NE+3.45	15	DER7	-0.007	-0.024	-0.022	3.45	0.035	OK	-0.64
NE+6.80	15	DER8	0.014	-0.054	0.023	3.35	0.034	OK	0.68
NE+3.45	15	DER8	0.006	-0.023	-0.021	3.45	0.035	OK	-0.61
NE+6.80	15	DER9	0.050	0.022	0.021	3.35	0.034	OK	0.64
NE+3.45	15	DER9	0.022	0.009	-0.019	3.45	0.035	OK	-0.56
NE+6.80	15	DER10	0.049	-0.014	0.020	3.35	0.034	OK	0.60
NE+3.45	15	DER10	0.022	-0.006	-0.021	3.45	0.035	OK	-0.61
NE+6.80	15	DER11	-0.050	-0.016	0.021	3.35	0.034	OK	0.61
NE+3.45	15	DER11	-0.022	-0.007	-0.021	3.45	0.035	OK	-0.61
NE+6.80	15	DER12	-0.049	0.020	0.021	3.35	0.034	OK	0.63
NE+3.45	15	DER12	-0.022	0.008	-0.029	3.45	0.035	OK	-0.84
NE+6.80	15	DER13	0.016	0.062	0.026	3.35	0.034	OK	0.77
NE+3.45	15	DER13	0.007	0.026	-0.025	3.45	0.035	OK	-0.73
NE+6.80	15	DER14	-0.014	0.062	0.026	3.35	0.034	OK	0.76
NE+3.45	15	DER14	-0.006	0.026	-0.022	3.45	0.035	OK	-0.65
NE+6.80	15	DER15	-0.016	-0.057	0.024	3.35	0.034	OK	0.70
NE+3.45	15	DER15	-0.007	-0.024	-0.023	3.45	0.035	OK	-0.67
NE+6.80	15	DER16	0.014	-0.056	0.023	3.35	0.034	OK	0.70
NE+3.45	15	DER16	0.006	-0.024	0.017	3.45	0.035	OK	0.50

0.793

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	16	DER1	0.050	0.025	0.022	3.35	0.034	OK	0.66
NE+3.45	16	DER1	0.022	0.010	-0.019	3.45	0.035	OK	-0.55
NE+6.80	16	DER2	0.049	-0.014	0.020	3.35	0.034	OK	0.60
NE+3.45	16	DER2	0.022	-0.006	-0.021	3.45	0.035	OK	-0.60
NE+6.80	16	DER3	-0.050	-0.015	0.020	3.35	0.034	OK	0.61
NE+3.45	16	DER3	-0.022	-0.006	-0.022	3.45	0.035	OK	-0.65
NE+6.80	16	DER4	-0.049	0.024	0.022	3.35	0.034	OK	0.65
NE+3.45	16	DER4	-0.022	0.009	-0.033	3.45	0.035	OK	-0.96
NE+6.80	16	DER5	0.016	0.069	0.030	3.35	0.034	OK	0.89
NE+3.45	16	DER5	0.007	0.027	-0.029	3.45	0.035	OK	-0.85
NE+6.80	16	DER6	-0.014	0.069	0.030	3.35	0.034	OK	0.89
NE+3.45	16	DER6	-0.006	0.027	-0.023	3.45	0.035	OK	-0.68
NE+6.80	16	DER7	-0.016	-0.059	0.026	3.35	0.034	OK	0.76
NE+3.45	16	DER7	-0.007	-0.024	-0.025	3.45	0.035	OK	-0.73
NE+6.80	16	DER8	0.014	-0.059	0.025	3.35	0.034	OK	0.76
NE+3.45	16	DER8	0.006	-0.024	-0.021	3.45	0.035	OK	-0.61
NE+6.80	16	DER9	0.050	0.023	0.022	3.35	0.034	OK	0.65
NE+3.45	16	DER9	0.022	0.009	-0.020	3.45	0.035	OK	-0.57
NE+6.80	16	DER10	0.049	-0.016	0.020	3.35	0.034	OK	0.61
NE+3.45	16	DER10	0.022	-0.006	-0.021	3.45	0.035	OK	-0.61
NE+6.80	16	DER11	-0.050	-0.017	0.021	3.35	0.034	OK	0.62
NE+3.45	16	DER11	-0.022	-0.007	-0.022	3.45	0.035	OK	-0.63
NE+6.80	16	DER12	-0.049	0.022	0.022	3.35	0.034	OK	0.64
NE+3.45	16	DER12	-0.022	0.009	-0.032	3.45	0.035	OK	-0.93
NE+6.80	16	DER13	0.016	0.067	0.029	3.35	0.034	OK	0.87
NE+3.45	16	DER13	0.007	0.027	-0.029	3.45	0.035	OK	-0.83
NE+6.80	16	DER14	-0.014	0.067	0.029	3.35	0.034	OK	0.86
NE+3.45	16	DER14	-0.006	0.027	-0.025	3.45	0.035	OK	-0.73
NE+6.80	16	DER15	-0.016	-0.061	0.026	3.35	0.034	OK	0.79
NE+3.45	16	DER15	-0.007	-0.025	-0.026	3.45	0.035	OK	-0.75
NE+6.80	16	DER16	0.014	-0.061	0.026	3.35	0.034	OK	0.78
NE+3.45	16	DER16	0.006	-0.024	0.018	3.45	0.035	OK	0.51

0.891

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	17	DER1	0.050	0.023	0.022	3.35	0.034	OK	0.64
NE+3.45	17	DER1	0.022	0.010	-0.019	3.45	0.035	OK	-0.55
NE+6.80	17	DER2	0.049	-0.014	0.020	3.35	0.034	OK	0.60
NE+3.45	17	DER2	0.022	-0.006	-0.020	3.45	0.035	OK	-0.59
NE+6.80	17	DER3	-0.050	-0.014	0.020	3.35	0.034	OK	0.60
NE+3.45	17	DER3	-0.022	-0.006	-0.022	3.45	0.035	OK	-0.64
NE+6.80	17	DER4	-0.049	0.023	0.021	3.35	0.034	OK	0.64
NE+3.45	17	DER4	-0.022	0.010	-0.030	3.45	0.035	OK	-0.88
NE+6.80	17	DER5	0.016	0.065	0.027	3.35	0.034	OK	0.80
NE+3.45	17	DER5	0.007	0.028	-0.027	3.45	0.035	OK	-0.77
NE+6.80	17	DER6	-0.014	0.065	0.027	3.35	0.034	OK	0.80
NE+3.45	17	DER6	-0.006	0.028	-0.021	3.45	0.035	OK	-0.60
NE+6.80	17	DER7	-0.015	-0.056	0.023	3.35	0.034	OK	0.69
NE+3.45	17	DER7	-0.007	-0.024	-0.023	3.45	0.035	OK	-0.66
NE+6.80	17	DER8	0.014	-0.056	0.023	3.35	0.034	OK	0.69
NE+3.45	17	DER8	0.006	-0.024	-0.020	3.45	0.035	OK	-0.59
NE+6.80	17	DER9	0.050	0.021	0.021	3.35	0.034	OK	0.64
NE+3.45	17	DER9	0.022	0.009	-0.020	3.45	0.035	OK	-0.57
NE+6.80	17	DER10	0.049	-0.015	0.020	3.35	0.034	OK	0.61
NE+3.45	17	DER10	0.022	-0.007	-0.021	3.45	0.035	OK	-0.59
NE+6.80	17	DER11	-0.050	-0.015	0.020	3.35	0.034	OK	0.61
NE+3.45	17	DER11	-0.022	-0.007	-0.022	3.45	0.035	OK	-0.62
NE+6.80	17	DER12	-0.049	0.021	0.021	3.35	0.034	OK	0.63
NE+3.45	17	DER12	-0.022	0.009	-0.029	3.45	0.035	OK	-0.85
NE+6.80	17	DER13	0.016	0.063	0.026	3.35	0.034	OK	0.78
NE+3.45	17	DER13	0.007	0.027	-0.026	3.45	0.035	OK	-0.75
NE+6.80	17	DER14	-0.014	0.063	0.026	3.35	0.034	OK	0.78
NE+3.45	17	DER14	-0.006	0.027	-0.022	3.45	0.035	OK	-0.65
NE+6.80	17	DER15	-0.015	-0.058	0.024	3.35	0.034	OK	0.71
NE+3.45	17	DER15	-0.007	-0.025	-0.024	3.45	0.035	OK	-0.68
NE+6.80	17	DER16	0.014	-0.058	0.024	3.35	0.034	OK	0.71
NE+3.45	17	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.52

0.797

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	18	DER1	0.050	0.024	0.022	3.35	0.034	OK	0.66
NE+3.45	18	DER1	0.022	0.009	-0.020	3.45	0.035	OK	-0.57
NE+6.80	18	DER2	0.049	-0.015	0.020	3.35	0.034	OK	0.61
NE+3.45	18	DER2	0.022	-0.006	-0.020	3.45	0.035	OK	-0.59
NE+6.80	18	DER3	-0.050	-0.014	0.020	3.35	0.034	OK	0.61
NE+3.45	18	DER3	-0.022	-0.006	-0.023	3.45	0.035	OK	-0.66
NE+6.80	18	DER4	-0.049	0.025	0.022	3.35	0.034	OK	0.66
NE+3.45	18	DER4	-0.022	0.010	-0.034	3.45	0.035	OK	-0.98
NE+6.80	18	DER5	0.016	0.070	0.030	3.35	0.034	OK	0.90
NE+3.45	18	DER5	0.007	0.028	-0.030	3.45	0.035	OK	-0.88
NE+6.80	18	DER6	-0.014	0.071	0.030	3.35	0.034	OK	0.90
NE+3.45	18	DER6	-0.006	0.028	-0.023	3.45	0.035	OK	-0.68
NE+6.80	18	DER7	-0.015	-0.061	0.026	3.35	0.034	OK	0.77
NE+3.45	18	DER7	-0.007	-0.025	-0.026	3.45	0.035	OK	-0.75
NE+6.80	18	DER8	0.014	-0.061	0.026	3.35	0.034	OK	0.77
NE+3.45	18	DER8	0.006	-0.025	-0.020	3.45	0.035	OK	-0.59
NE+6.80	18	DER9	0.050	0.022	0.022	3.35	0.034	OK	0.65
NE+3.45	18	DER9	0.022	0.009	-0.020	3.45	0.035	OK	-0.58
NE+6.80	18	DER10	0.049	-0.017	0.021	3.35	0.034	OK	0.62
NE+3.45	18	DER10	0.022	-0.007	-0.021	3.45	0.035	OK	-0.60
NE+6.80	18	DER11	-0.050	-0.016	0.021	3.35	0.034	OK	0.61
NE+3.45	18	DER11	-0.022	-0.007	-0.022	3.45	0.035	OK	-0.64
NE+6.80	18	DER12	-0.049	0.023	0.022	3.35	0.034	OK	0.65
NE+3.45	18	DER12	-0.022	0.009	-0.033	3.45	0.035	OK	-0.95
NE+6.80	18	DER13	0.016	0.069	0.029	3.35	0.034	OK	0.88
NE+3.45	18	DER13	0.007	0.027	-0.029	3.45	0.035	OK	-0.85
NE+6.80	18	DER14	-0.014	0.069	0.029	3.35	0.034	OK	0.88
NE+3.45	18	DER14	-0.006	0.028	-0.025	3.45	0.035	OK	-0.73
NE+6.80	18	DER15	-0.015	-0.062	0.027	3.35	0.034	OK	0.80
NE+3.45	18	DER15	-0.007	-0.025	-0.027	3.45	0.035	OK	-0.77
NE+6.80	18	DER16	0.014	-0.063	0.027	3.35	0.034	OK	0.80
NE+3.45	18	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.53

0.904

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	19	DER1	0.050	0.022	0.022	3.35	0.034	OK	0.64
NE+3.45	19	DER1	0.022	0.009	-0.020	3.45	0.035	OK	-0.57
NE+6.80	19	DER2	0.049	-0.015	0.020	3.35	0.034	OK	0.61
NE+3.45	19	DER2	0.022	-0.007	-0.020	3.45	0.035	OK	-0.58

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	20	DER1	0.050	0.024	0.022	3.35	0.034	OK	0.66
NE+3.45	20	DER1	0.022	0.009	-0.020	3.45	0.035	OK	-0.59
NE+6.80	20	DER2	0.050	-0.017	0.021	3.35	0.034	OK	0.62
NE+3.45	20	DER2	0.022	-0.007	-0.020	3.45	0.035	OK	-0.58

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	21	DER1	0.050	0.022	0.022	3.35	0.034	OK	0.65
NE+3.45	21	DER1	0.022	0.009	-0.020	3.45	0.035	OK	-0.59
NE+6.80	21	DER2	0.050	-0.018	0.021	3.35	0.034	OK	0.62
NE+3.45	21	DER2	0.022	-0.008	-0.020	3.45	0.035	OK	-0.58

NE+6.80	19	DER3	-0.050	-0.013	0.020	3.35	0.034	OK	0.60
NE+3.45	19	DER3	-0.022	-0.006	-0.023	3.45	0.035	OK	-0.66
NE+6.80	19	DER4	-0.049	0.024	0.022	3.35	0.034	OK	0.65
NE+3.45	19	DER4	-0.022	0.011	-0.031	3.45	0.035	OK	-0.90
NE+6.80	19	DER5	0.016	0.066	0.027	3.35	0.034	OK	0.81
NE+3.45	19	DER5	0.007	0.029	-0.027	3.45	0.035	OK	-0.79
NE+6.80	19	DER6	-0.014	0.067	0.027	3.35	0.034	OK	0.82
NE+3.45	19	DER6	-0.006	0.029	-0.021	3.45	0.035	OK	-0.61
NE+6.80	19	DER7	-0.015	-0.057	0.024	3.35	0.034	OK	0.70
NE+3.45	19	DER7	-0.007	-0.025	-0.024	3.45	0.035	OK	-0.69
NE+6.80	19	DER8	0.014	-0.058	0.024	3.35	0.034	OK	0.71
NE+3.45	19	DER8	0.006	-0.025	-0.020	3.45	0.035	OK	-0.57
NE+6.80	19	DER9	0.050	0.021	0.021	3.35	0.034	OK	0.64
NE+3.45	19	DER9	0.022	0.009	-0.020	3.45	0.035	OK	-0.58
NE+6.80	19	DER10	0.049	-0.017	0.021	3.35	0.034	OK	0.61
NE+3.45	19	DER10	0.022	-0.008	-0.020	3.45	0.035	OK	-0.59
NE+6.80	19	DER11	-0.050	-0.015	0.020	3.35	0.034	OK	0.61
NE+3.45	19	DER11	-0.022	-0.006	-0.022	3.45	0.035	OK	-0.64
NE+6.80	19	DER12	-0.049	0.023	0.021	3.35	0.034	OK	0.64
NE+3.45	19	DER12	-0.022	0.010	-0.030	3.45	0.035	OK	-0.87
NE+6.80	19	DER13	0.016	0.065	0.027	3.35	0.034	OK	0.79
NE+3.45	19	DER13	0.007	0.028	-0.027	3.45	0.035	OK	-0.77
NE+6.80	19	DER14	-0.014	0.065	0.027	3.35	0.034	OK	0.79
NE+3.45	19	DER14	-0.006	0.028	-0.023	3.45	0.035	OK	-0.65
NE+6.80	19	DER15	-0.015	-0.059	0.024	3.35	0.034	OK	0.72
NE+3.45	19	DER15	-0.007	-0.026	-0.024	3.45	0.035	OK	-0.71
NE+6.80	19	DER16	0.014	-0.060	0.024	3.35	0.034	OK	0.73
NE+3.45	19	DER16	0.006	-0.026	0.019	3.45	0.035	OK	0.54

0.816

NE+6.80	20	DER3	-0.050	-0.014	0.020	3.35	0.034	OK	0.61
NE+3.45	20	DER3	-0.022	-0.006	-0.024	3.45	0.035	OK	-0.68
NE+6.80	20	DER4	-0.049	0.027	0.022	3.35	0.034	OK	0.67
NE+3.45	20	DER4	-0.022	0.011	-0.035	3.45	0.035	OK	-1.01
NE+6.80	20	DER5	0.016	0.072	0.031	3.35	0.034	OK	0.93
NE+3.45	20	DER5	0.007	0.029	-0.032	3.45	0.035	OK	-0.91
NE+6.80	20	DER6	-0.014	0.073	0.031	3.35	0.034	OK	0.93
NE+3.45	20	DER6	-0.006	0.029	-0.024	3.45	0.035	OK	-0.70
NE+6.80	20	DER7	-0.015	-0.063	0.027	3.35	0.034	OK	0.80
NE+3.45	20	DER7	-0.007	-0.025	-0.027	3.45	0.035	OK	-0.79
NE+6.80	20	DER8	0.014	-0.064	0.027	3.35	0.034	OK	0.81
NE+3.45	20	DER8	0.006	-0.026	-0.020	3.45	0.035	OK	-0.57
NE+6.80	20	DER9	0.050	0.022	0.022	3.35	0.034	OK	0.65
NE+3.45	20	DER9	0.022	0.008	-0.021	3.45	0.035	OK	-0.60
NE+6.80	20	DER10	0.050	-0.019	0.021	3.35	0.034	OK	0.63
NE+3.45	20	DER10	0.022	-0.008	-0.020	3.45	0.035	OK	-0.59
NE+6.80	20	DER11	-0.050	-0.016	0.021	3.35	0.034	OK	0.61
NE+3.45	20	DER11	-0.022	-0.006	-0.023	3.45	0.035	OK	-0.66
NE+6.80	20	DER12	-0.049	0.025	0.022	3.35	0.034	OK	0.66
NE+3.45	20	DER12	-0.022	0.010	-0.034	3.45	0.035	OK	-0.98
NE+6.80	20	DER13	0.016	0.071	0.030	3.35	0.034	OK	0.90
NE+3.45	20	DER13	0.007	0.028	-0.031	3.45	0.035	OK	-0.89
NE+6.80	20	DER14	-0.014	0.072	0.030	3.35	0.034	OK	0.91
NE+3.45	20	DER14	-0.006	0.029	-0.026	3.45	0.035	OK	-0.75
NE+6.80	20	DER15	-0.015	-0.065	0.028	3.35	0.034	OK	0.83
NE+3.45	20	DER15	-0.007	-0.026	-0.028	3.45	0.035	OK	-0.82
NE+6.80	20	DER16	0.014	-0.066	0.028	3.35	0.034	OK	0.84
NE+3.45	20	DER16	0.006	-0.026	0.019	3.45	0.035	OK	0.55

0.933

NE+6.80	21	DER3	-0.050	-0.014	0.020	3.35	0.034	OK	0.61
NE+3.45	21	DER3	-0.022	-0.005	-0.023	3.45	0.035	OK	-0.67
NE+6.80	21	DER4	-0.049	0.026	0.022	3.35	0.034	OK	0.66
NE+3.45	21	DER4	-0.022	0.011	-0.033	3.45	0.035	OK	-0.95
NE+6.80	21	DER5	0.016	0.069	0.029	3.35	0.034	OK	0.86
NE+3.45	21	DER5	0.007	0.029	-0.029	3.45	0.035	OK	-0.85
NE+6.80	21	DER6	-0.014	0.071	0.029	3.35	0.034	OK	0.87
NE+3.45	21	DER6	-0.006	0.030	-0.023	3.45	0.035	OK	-0.67
NE+6.80	21	DER7	-0.015	-0.062	0.026	3.35	0.034	OK	0.77
NE+3.45	21	DER7	-0.007	-0.026	-0.026	3.45	0.035	OK	-0.77
NE+6.80	21	DER8	0.015	-0.063	0.026	3.35	0.034	OK	0.78
NE+3.45	21	DER8	0.006	-0.026	-0.019	3.45	0.035	OK	-0.55
NE+6.80	21	DER9	0.050	0.020	0.021	3.35	0.034	OK	0.64
NE+3.45	21	DER9	0.022	0.008	-0.021	3.45	0.035	OK	-0.61
NE+6.80	21	DER10	0.050	-0.019	0.021	3.35	0.034	OK	0.63
NE+3.45	21	DER10	0.022	-0.008	-0.020	3.45	0.035	OK	-0.59
NE+6.80	21	DER11	-0.050	-0.015	0.021	3.35	0.034	OK	0.61
NE+3.45	21	DER11	-0.022	-0.006	-0.023	3.45	0.035	OK	-0.66
NE+6.80	21	DER12	-0.049	0.024	0.022	3.35	0.034	OK	0.65
NE+3.45	21	DER12	-0.022	0.011	-0.032	3.45	0.035	OK	-0.93
NE+6.80	21	DER13	0.016	0.068	0.028	3.35	0.034	OK	0.84
NE+3.45	21	DER13	0.007	0.029	-0.029	3.45	0.035	OK	-0.83
NE+6.80	21	DER14	-0.014	0.069	0.028	3.35	0.034	OK	0.85
NE+3.45	21	DER14	-0.006	0.029	-0.024	3.45	0.035	OK	-0.71
NE+6.80	21	DER15	-0.015	-0.063	0.026	3.35	0.034	OK	0.78
NE+3.45	21	DER15	-0.007	-0.026	-0.027	3.45	0.035	OK	-0.78
NE+6.80	21	DER16	0.015	-0.064	0.027	3.35	0.034	OK	0.79
NE+3.45	21	DER16	0.006	-0.027	0.019	3.45	0.035	OK	0.56

0.865

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	24	DER1	0.052	0.024	0.023	3.35	0.034	OK	0.68
NE+3.45	24	DER1	0.022	0.010	-0.020	3.45	0.035	OK	-0.59
NE+6.80	24	DER2	0.052	-0.012	0.022	3.35	0.034	OK	0.64
NE+3.45	24	DER2	0.022	-0.004	-0.022	3.45	0.035	OK	-0.64
NE+6.80	24	DER3	-0.052	-0.016	0.022	3.35	0.034	OK	0.65
NE+3.45	24	DER3	-0.022	-0.007	-0.023	3.45	0.035	OK	-0.66
NE+6.80	24	DER4	-0.052	0.020	0.022	3.35	0.034	OK	0.67
NE+3.45	24	DER4	-0.022	0.008	-0.030	3.45	0.035	OK	-0.87
NE+6.80	24	DER5	0.016	0.065	0.027	3.35	0.034	OK	0.82
NE+3.45	24	DER5	0.007	0.026	-0.027	3.45	0.035	OK	-0.77
NE+6.80	24	DER6	-0.016	0.063	0.027	3.35	0.034	OK	0.81
NE+3.45	24	DER6	-0.007	0.026	-0.023	3.45	0.035	OK	-0.66
NE+6.80	24	DER7	-0.016	-0.057	0.025	3.35	0.034	OK	0.74
NE+3.45	24	DER7	-0.007	-0.023	-0.024	3.45	0.035	OK	-0.69
NE+6.80	24	DER8	0.016	-0.056	0.024	3.35	0.034	OK	0.73
NE+3.45	24	DER8	0.007	-0.022	-0.023	3.45	0.035	OK	-0.68
NE+6.80	24	DER9	0.052	0.022	0.023	3.35	0.034	OK	0.67
NE+3.45	24	DER9	0.022	0.010	-0.021	3.45	0.035	OK	-0.60
NE+6.80	24	DER10	0.052	-0.014	0.022	3.35	0.034	OK	0.65
NE+3.45	24	DER10	0.022	-0.005	-0.022	3.45	0.035	OK	-0.65
NE+6.80	24	DER11	-0.052	-0.018	0.022	3.35	0.034	OK	0.66
NE+3.45	24	DER11	-0.022	-0.007	-0.022	3.45	0.035	OK	-0.64
NE+6.80	24	DER12	-0.052	0.019	0.022	3.35	0.034	OK	0.66
NE+3.45	24	DER12	-0.022	0.007	-0.029	3.45	0.035	OK	-0.85
NE+6.80	24	DER13	0.016	0.063	0.027	3.35	0.034	OK	0.81
NE+3.45	24	DER13	0.007	0.026	-0.026	3.45	0.035	OK	-0.76
NE+6.80	24	DER14	-0.016	0.062	0.027	3.35	0.034	OK	0.80
NE+3.45	24	DER14	-0.007	0.025	-0.024	3.45	0.035	OK	-0.70
NE+6.80	24	DER15	-0.016	-0.058	0.025	3.35	0.034	OK	0.75
NE+3.45	24	DER15	-0.007	-0.023	-0.024	3.45	0.035	OK	-0.71
NE+6.80	24	DER16	0.016	-0.057	0.025	3.35	0.034	OK	0.74
NE+3.45	24	DER16	0.007	-0.023	0.017	3.45	0.035	OK	0.48

0.820

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	26	DER1	0.052	0.023	0.023	3.35	0.034	OK	0.68
NE+3.45	26	DER1	0.022	0.010	-0.020	3.45	0.035	OK	-0.59
NE+6.80	26	DER2	0.052	-0.012	0.021	3.35	0.034	OK	0.64
NE+3.45	26	DER2	0.022	-0.005	-0.022	3.45	0.035	OK	-0.63
NE+6.80	26	DER3	-0.052	-0.014	0.021	3.35	0.034	OK	0.64
NE+3.45	26	DER3	-0.022	-0.006	-0.023	3.45	0.035	OK	-0.67
NE+6.80	26	DER4	-0.052	0.021	0.022	3.35	0.034	OK	0.67
NE+3.45	26	DER4	-0.022	0.009	-0.029	3.45	0.035	OK	-0.85
NE+6.80	26	DER5	0.016	0.064	0.027	3.35	0.034	OK	0.79
NE+3.45	26	DER5	0.007	0.027	-0.026	3.45	0.035	OK	-0.76
NE+6.80	26	DER6	-0.016	0.063	0.026	3.35	0.034	OK	0.79
NE+3.45	26	DER6	-0.007	0.027	-0.021	3.45	0.035	OK	-0.60
NE+6.80	26	DER7	-0.015	-0.055	0.023	3.35	0.034	OK	0.68
NE+3.45	26	DER7	-0.007	-0.024	-0.022	3.45	0.035	OK	-0.65
NE+6.80	26	DER8	0.016	-0.054	0.023	3.35	0.034	OK	0.68
NE+3.45	26	DER8	0.007	-0.023	-0.022	3.45	0.035	OK	-0.65
NE+6.80	26	DER9	0.052	0.022	0.022	3.35	0.034	OK	0.67
NE+3.45	26	DER9	0.022	0.009	-0.021	3.45	0.035	OK	-0.60
NE+6.80	26	DER10	0.052	-0.014	0.021	3.35	0.034	OK	0.64
NE+3.45	26	DER10	0.022	-0.006	-0.022	3.45	0.035	OK	-0.63
NE+6.80	26	DER11	-0.052	-0.016	0.022	3.35	0.034	OK	0.65
NE+3.45	26	DER11	-0.022	-0.007	-0.022	3.45	0.035	OK	-0.65
NE+6.80	26	DER12	-0.052	0.020	0.022	3.35	0.034	OK	0.66
NE+3.45	26	DER12	-0.022	0.008	-0.028	3.45	0.035	OK	-0.83
NE+6.80	26	DER13	0.016	0.062	0.026	3.35	0.034	OK	0.77
NE+3.45	26	DER13	0.007	0.026	-0.025	3.45	0.035	OK	-0.74
NE+6.80	26	DER14	-0.016	0.062	0.026	3.35	0.034	OK	0.77
NE+3.45	26	DER14	-0.007	0.026	-0.022	3.45	0.035	OK	-0.65
NE+6.80	26	DER15	-0.016	-0.057	0.024	3.35	0.034	OK	0.70
NE+3.45	26	DER15	-0.007	-0.024	-0.023	3.45	0.035	OK	-0.67
NE+6.80	26	DER16	0.016	-0.056	0.023	3.35	0.034	OK	0.70
NE+3.45	26	DER16	0.007	-0.024	0.017	3.45	0.035	OK	0.50

0.793

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	28	DER1	0.052	0.023	0.023	3.35	0.034	OK	0.68
NE+3.45	28	DER1	0.022	0.010	-0.021	3.45	0.035	OK	-0.60
NE+6.80	28	DER2	0.052	-0.014	0.021	3.35	0.034	OK	0.64
NE+3.45	28	DER2	0.022	-0.006	-0.021	3.45	0.035	OK	-0.62
NE+6.80	28	DER3	-0.052	-0.014	0.021	3.35	0.034	OK	0.64
NE+3.45	28	DER3	-0.022	-0.006	-0.023	3.45	0.035	OK	-0.68
NE+6.80	28	DER4	-0.052	0.023	0.023	3.35	0.034	OK	0.67
NE+3.45	28	DER4	-0.022	0.010	-0.030	3.45	0.035	OK	-0.87
NE+6.80	28	DER5	0.016	0.065	0.027	3.35	0.034	OK	0.80
NE+3.45	28	DER5	0.007	0.028	-0.027	3.45	0.035	OK	-0.78
NE+6.80	28	DER6	-0.015	0.065	0.027	3.35	0.034	OK	0.80
NE+3.45	28	DER6	-0.007	0.028	-0.021	3.45	0.035	OK	-0.59
NE+6.80	28	DER7	-0.015	-0.056	0.023	3.35	0.034	OK	0.69
NE+3.45	28	DER7	-0.007	-0.024	-0.023	3.45	0.035	OK	-0.67
NE+6.80	28	DER8	0.016	-0.056	0.023	3.35	0.034	OK	0.69
NE+3.45	28	DER8	0.007	-0.024	-0.021	3.45	0.035	OK	-0.62
NE+6.80	28	DER9	0.052	0.021	0.022	3.35	0.034	OK	0.67
NE+3.45	28	DER9	0.022	0.009	-0.021	3.45	0.035	OK	-0.61
NE+6.80	28	DER10	0.052	-0.015	0.022	3.35	0.034	OK	0.64
NE+3.45	28	DER10	0.022	-0.007	-0.022	3.45	0.035	OK	-0.62
NE+6.80	28	DER11	-0.052	-0.015	0.022	3.35	0.034	OK	0.64
NE+3.45	28	DER11	-0.022	-0.007	-0.023	3.45	0.035	OK	-0.66
NE+6.80	28	DER12	-0.052	0.021	0.022	3.35	0.034	OK	0.67
NE+3.45	28	DER12	-0.022	0.009	-0.029	3.45	0.035	OK	-0.84
NE+6.80	28	DER13	0.016	0.063	0.026	3.35	0.034	OK	0.78
NE+3.45	28	DER13	0.007	0.027	-0.026	3.45	0.035	OK	-0.76
NE+6.80	28	DER14	-0.015	0.063	0.026	3.35	0.034	OK	0.78
NE+3.45	28	DER14	-0.007	0.027	-0.022	3.45	0.035	OK	-0.64
NE+6.80	28	DER15	-0.015	-0.058	0.024	3.35	0.034	OK	0.71
NE+3.45	28	DER15	-0.007	-0.025	-0.024	3.45	0.035	OK	-0.69
NE+6.80	28	DER16	0.016	-0.058	0.024	3.35	0.034	OK	0.71
NE+3.45	28	DER16	0.007	-0.025	0.018	3.45	0.035	OK	0.52

0.799

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	30	DER1	0.052	0.022	0.023	3.35	0.034	OK	0.67
NE+3.45	30	DER1	0.022	0.009	-0.021	3.45	0.035	OK	-0.61
NE+6.80	30	DER2	0.052	-0.015	0.022	3.35	0.034	OK	0.64
NE+3.45	30	DER2	0.022	-0.007	-0.021	3.45	0.035	OK	-0.61
NE+6.80	30	DER3	-0.052	-0.013	0.021	3.35	0.034	OK	0.64
NE+3.45	30	DER3	-0.022	-0.006	-0.024	3.45	0.035	OK	-0.69
NE+6.80	30	DER4	-0.052	0.024	0.023	3.35	0.034	OK	0.68
NE+3.45	30	DER4	-0.022	0.011	-0.031	3.45	0.035	OK	-0.89
NE+6.80	30	DER5	0.016	0.066	0.027	3.35	0.034	OK	0.81
NE+3.45	30	DER5	0.007	0.029	-0.028	3.45	0.035	OK	-0.80
NE+6.80	30	DER6	-0.015	0.067	0.027	3.35	0.034	OK	0.82
NE+3.45	30	DER6	-0.007	0.029	-0.021	3.45	0.035	OK	-0.60
NE+6.80	30	DER7	-0.015	-0.057	0.024	3.35	0.034	OK	0.70
NE+3.45	30	DER7	-0.007	-0.025	-0.024	3.45	0.035	OK	-0.69
NE+6.80	30	DER8	0.016	-0.058	0.024	3.35	0.034	OK	0.71
NE+3.45	30	DER8	0.007	-0.025	-0.021	3.45	0.035	OK	-0.60
NE+6.80	30	DER9	0.052	0.021	0.022	3.35	0.034	OK	0.67
NE+3.45	30	DER9	0.022	0.009	-0.021	3.45	0.035	OK	-0.62
NE+6.80	30	DER10	0.052	-0.017	0.022	3.35	0.034	OK	0.65
NE+3.45	30	DER10	0.022	-0.008	-0.021	3.45	0.035	OK	-0.62
NE+6.80	30	DER11	-0.052	-0.015	0.021	3.35	0.034	OK	0.64
NE+3.45	30	DER11	-0.022	-0.006	-0.023	3.45	0.035	OK	-0.68
NE+6.80	30	DER12	-0.052	0.023	0.022	3.35	0.034	OK	0.67
NE+3.45	30	DER12	-0.022	0.010	-0.030	3.45	0.035	OK	-0.86
NE+6.80	30	DER13	0.016	0.065	0.027	3.35	0.034	OK	0.79
NE+3.45	30	DER13	0.007	0.028	-0.027	3.45	0.035	OK	-0.78
NE+6.80	30	DER14	-0.015	0.065	0.027	3.35	0.034	OK	0.80
NE+3.45	30	DER14	-0.007	0.028	-0.022	3.45	0.035	OK	-0.65
NE+6.80	30	DER15	-0.015	-0.059	0.024	3.35	0.034	OK	0.72
NE+3.45	30	DER15	-0.007	-0.026	-0.025	3.45	0.035	OK	-0.72
NE+6.80	30	DER16	0.016	-0.060	0.024	3.35	0.034	OK	0.73
NE+3.45	30	DER16	0.007	-0.026	0.019	3.45	0.035	OK	0.54

0.819

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	32	DER1	0.052	0.022	0.023	3.35	0.034	OK	0.68
NE+3.45	32	DER1	0.022	0.009	-0.022	3.45	0.035	OK	-0.63
NE+6.80	32	DER2	0.052	-0.018	0.022	3.35	0.034	OK	0.66
NE+3.45	32	DER2	0.022	-0.008	-0.021	3.45	0.035	OK	-0.61
NE+6.80	32	DER3	-0.052	-0.014	0.022	3.35	0.034	OK	0.64
NE+3.45	32	DER3	-0.022	-0.005	-0.024	3.45	0.035	OK	-0.71
NE+6.80	32	DER4	-0.052	0.026	0.023	3.35	0.034	OK	0.69
NE+3.45	32	DER4	-0.022	0.011	-0.032	3.45	0.035	OK	-0.94
NE+6.80	32	DER5	0.016	0.069	0.029	3.35	0.034	OK	0.86
NE+3.45	32	DER5	0.007	0.029	-0.029	3.45	0.035	OK	-0.85
NE+6.80	32	DER6	-0.015	0.070	0.029	3.35	0.034	OK	0.87
NE+3.45	32	DER6	-0.007	0.030	-0.023	3.45	0.035	OK	-0.66
NE+6.80	32	DER7	-0.015	-0.061	0.026	3.35	0.034	OK	0.77
NE+3.45	32	DER7	-0.007	-0.026	-0.027	3.45	0.035	OK	-0.77
NE+6.80	32	DER8	0.016	-0.063	0.026	3.35	0.034	OK	0.78
NE+3.45	32	DER8	0.007	-0.026	-0.020	3.45	0.035	OK	-0.58
NE+6.80	32	DER9	0.052	0.020	0.023	3.35	0.034	OK	0.67
NE+3.45	32	DER9	0.022	0.008	-0.022	3.45	0.035	OK	-0.64
NE+6.80	32	DER10	0.052	-0.019	0.022	3.35	0.034	OK	0.66
NE+3.45	32	DER10	0.022	-0.008	-0.021	3.45	0.035	OK	-0.61
NE+6.80	32	DER11	-0.052	-0.015	0.022	3.35	0.034	OK	0.65
NE+3.45	32	DER11	-0.022	-0.006	-0.024	3.45	0.035	OK	-0.69
NE+6.80	32	DER12	-0.052	0.024	0.023	3.35	0.034	OK	0.68
NE+3.45	32	DER12	-0.022	0.011	-0.032	3.45	0.035	OK	-0.92
NE+6.80	32	DER13	0.016	0.068	0.028	3.35	0.034	OK	0.84
NE+3.45	32	DER13	0.007	0.029	-0.029	3.45	0.035	OK	-0.84
NE+6.80	32	DER14	-0.015	0.069	0.029	3.35	0.034	OK	0.85
NE+3.45	32	DER14	-0.007	0.029	-0.024	3.45	0.035	OK	-0.70
NE+6.80	32	DER15	-0.015	-0.063	0.026	3.35	0.034	OK	0.78
NE+3.45	32	DER15	-0.007	-0.026	-0.027	3.45	0.035	OK	-0.79
NE+6.80	32	DER16	0.016	-0.064	0.027	3.35	0.034	OK	0.80
NE+3.45	32	DER16	0.007	-0.027	0.019	3.45	0.035	OK	0.56

0.866

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	36	DER1	0.050	0.024	0.022	3.35	0.034	OK	0.65
NE+3.45	36	DER1	0.022	0.010	-0.019	3.45	0.035	OK	-0.56
NE+6.80	36	DER2	0.051	-0.012	0.020	3.35	0.034	OK	0.61
NE+3.45	36	DER2	0.022	-0.004	-0.021	3.45	0.035	OK	-0.61
NE+6.80	36	DER3	-0.050	-0.016	0.021	3.35	0.034	OK	0.62
NE+3.45	36	DER3	-0.022	-0.007	-0.022	3.45	0.035	OK	-0.64
NE+6.80	36	DER4	-0.051	0.020	0.022	3.35	0.034	OK	0.64
NE+3.45	36	DER4	-0.022	0.008	-0.030	3.45	0.035	OK	-0.86
NE+6.80	36	DER5	0.014	0.065	0.027	3.35	0.034	OK	0.82
NE+3.45	36	DER5	0.006	0.026	-0.027	3.45	0.035	OK	-0.78
NE+6.80	36	DER6	-0.016	0.064	0.027	3.35	0.034	OK	0.81
NE+3.45	36	DER6	-0.007	0.026	-0.022	3.45	0.035	OK	-0.65
NE+6.80	36	DER7	-0.015	-0.057	0.025	3.35	0.034	OK	0.73
NE+3.45	36	DER7	-0.006	-0.023	-0.024	3.45	0.035	OK	-0.70
NE+6.80	36	DER8	0.016	-0.056	0.024	3.35	0.034	OK	0.73
NE+3.45	36	DER8	0.007	-0.022	-0.022	3.45	0.035	OK	-0.65
NE+6.80	36	DER9	0.050	0.022	0.022	3.35	0.034	OK	0.65
NE+3.45	36	DER9	0.022	0.010	-0.020	3.45	0.035	OK	-0.57
NE+6.80	36	DER10	0.051	-0.014	0.021	3.35	0.034	OK	0.62
NE+3.45	36	DER10	0.022	-0.005	-0.021	3.45	0.035	OK	-0.62
NE+6.80	36	DER11	-0.050	-0.018	0.021	3.35	0.034	OK	0.63
NE+3.45	36	DER11	-0.022	-0.007	-0.022	3.45	0.035	OK	-0.63
NE+6.80	36	DER12	-0.051	0.019	0.021	3.35	0.034	OK	0.64
NE+3.45	36	DER12	-0.022	0.007	-0.029	3.45	0.035	OK	-0.84
NE+6.80	36	DER13	0.014	0.063	0.027	3.35	0.034	OK	0.80
NE+3.45	36	DER13	0.006	0.026	-0.026	3.45	0.035	OK	-0.76
NE+6.80	36	DER14	-0.016	0.062	0.027	3.35	0.034	OK	0.80
NE+3.45	36	DER14	-0.007	0.025	-0.024	3.45	0.035	OK	-0.69
NE+6.80	36	DER15	-0.015	-0.058	0.025	3.35	0.034	OK	0.75
NE+3.45	36	DER15	-0.006	-0.023	-0.025	3.45	0.035	OK	-0.71
NE+6.80	36	DER16	0.016	-0.057	0.025	3.35	0.034	OK	0.74
NE+3.45	36	DER16	0.007	-0.023	0.017	3.45	0.035	OK	0.48

0.818

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	37	DER1	0.050	0.025	0.022	3.35	0.034	OK	0.67
NE+3.45	37	DER1	0.022	0.010	-0.019	3.45	0.035	OK	-0.56
NE+6.80	37	DER2	0.051	-0.013	0.020	3.35	0.034	OK	0.61
NE+3.45	37	DER2	0.022	-0.005	-0.021	3.45	0.035	OK	-0.60
NE+6.80	37	DER3	-0.050	-0.016	0.021	3.35	0.034	OK	0.62
NE+3.45	37	DER3	-0.022	-0.007	-0.023	3.45	0.035	OK	-0.65

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	38	DER1	0.050	0.023	0.022	3.35	0.034	OK	0.65
NE+3.45	38	DER1	0.022	0.010	-0.019	3.45	0.035	OK	-0.56
NE+6.80	38	DER2	0.050	-0.012	0.020	3.35	0.034	OK	0.60
NE+3.45	38	DER2	0.022	-0.005	-0.020	3.45	0.035	OK	-0.59
NE+6.80	38	DER3	-0.050	-0.014	0.020	3.35	0.034	OK	0.61
NE+3.45	38	DER3	-0.022	-0.006	-0.022	3.45	0.035	OK	-0.65

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	39	DER1	0.050	0.025	0.022	3.35	0.034	OK	0.66
NE+3.45	39	DER1	0.022	0.010	-0.020	3.45	0.035	OK	-0.57
NE+6.80	39	DER2	0.050	-0.014	0.020	3.35	0.034	OK	0.61
NE+3.45	39	DER2	0.022	-0.006	-0.020	3.45	0.035	OK	-0.59
NE+6.80	39	DER3	-0.050	-0.015	0.020	3.35	0.034	OK	0.61
NE+3.45	39	DER3	-0.022	-0.006	-0.023	3.45	0.035	OK	-0.66

NE+6.80	37	DER4	-0.051	0.022	0.022	3.35	0.034	OK	0.66
NE+3.45	37	DER4	-0.022	0.008	-0.032	3.45	0.035	OK	-0.94
NE+6.80	37	DER5	0.014	0.069	0.030	3.35	0.034	OK	0.89
NE+3.45	37	DER5	0.006	0.027	-0.029	3.45	0.035	OK	-0.85
NE+6.80	37	DER6	-0.016	0.068	0.030	3.35	0.034	OK	0.89
NE+3.45	37	DER6	-0.007	0.026	-0.024	3.45	0.035	OK	-0.68
NE+6.80	37	DER7	-0.015	-0.059	0.026	3.35	0.034	OK	0.77
NE+3.45	37	DER7	-0.006	-0.023	-0.025	3.45	0.035	OK	-0.74
NE+6.80	37	DER8	0.016	-0.058	0.026	3.35	0.034	OK	0.76
NE+3.45	37	DER8	0.007	-0.023	-0.022	3.45	0.035	OK	-0.64
NE+6.80	37	DER9	0.050	0.024	0.022	3.35	0.034	OK	0.65
NE+3.45	37	DER9	0.022	0.009	-0.020	3.45	0.035	OK	-0.58
NE+6.80	37	DER10	0.051	-0.015	0.021	3.35	0.034	OK	0.62
NE+3.45	37	DER10	0.022	-0.005	-0.021	3.45	0.035	OK	-0.61
NE+6.80	37	DER11	-0.050	-0.018	0.021	3.35	0.034	OK	0.63
NE+3.45	37	DER11	-0.022	-0.007	-0.022	3.45	0.035	OK	-0.64
NE+6.80	37	DER12	-0.051	0.020	0.022	3.35	0.034	OK	0.65
NE+3.45	37	DER12	-0.022	0.008	-0.031	3.45	0.035	OK	-0.91
NE+6.80	37	DER13	0.014	0.067	0.029	3.35	0.034	OK	0.87
NE+3.45	37	DER13	0.006	0.026	-0.029	3.45	0.035	OK	-0.83
NE+6.80	37	DER14	-0.016	0.066	0.029	3.35	0.034	OK	0.86
NE+3.45	37	DER14	-0.007	0.026	-0.025	3.45	0.035	OK	-0.73
NE+6.80	37	DER15	-0.015	-0.061	0.027	3.35	0.034	OK	0.79
NE+3.45	37	DER15	-0.006	-0.024	-0.026	3.45	0.035	OK	-0.76
NE+6.80	37	DER16	0.016	-0.060	0.026	3.35	0.034	OK	0.78
NE+3.45	37	DER16	0.007	-0.023	0.017	3.45	0.035	OK	0.49

0.891

NE+6.80	38	DER4	-0.051	0.021	0.022	3.35	0.034	OK	0.64
NE+3.45	38	DER4	-0.022	0.009	-0.029	3.45	0.035	OK	-0.85
NE+6.80	38	DER5	0.014	0.064	0.027	3.35	0.034	OK	0.79
NE+3.45	38	DER5	0.006	0.027	-0.026	3.45	0.035	OK	-0.76
NE+6.80	38	DER6	-0.016	0.064	0.026	3.35	0.034	OK	0.79
NE+3.45	38	DER6	-0.007	0.027	-0.020	3.45	0.035	OK	-0.59
NE+6.80	38	DER7	-0.015	-0.055	0.023	3.35	0.034	OK	0.68
NE+3.45	38	DER7	-0.006	-0.024	-0.023	3.45	0.035	OK	-0.65
NE+6.80	38	DER8	0.016	-0.054	0.023	3.35	0.034	OK	0.68
NE+3.45	38	DER8	0.007	-0.023	-0.021	3.45	0.035	OK	-0.61
NE+6.80	38	DER9	0.050	0.022	0.021	3.35	0.034	OK	0.64
NE+3.45	38	DER9	0.022	0.009	-0.020	3.45	0.035	OK	-0.58
NE+6.80	38	DER10	0.050	-0.014	0.020	3.35	0.034	OK	0.61
NE+3.45	38	DER10	0.022	-0.006	-0.021	3.45	0.035	OK	-0.60
NE+6.80	38	DER11	-0.050	-0.016	0.021	3.35	0.034	OK	0.61
NE+3.45	38	DER11	-0.022	-0.007	-0.022	3.45	0.035	OK	-0.63
NE+6.80	38	DER12	-0.051	0.020	0.021	3.35	0.034	OK	0.63
NE+3.45	38	DER12	-0.022	0.008	-0.028	3.45	0.035	OK	-0.81
NE+6.80	38	DER13	0.014	0.062	0.026	3.35	0.034	OK	0.77
NE+3.45	38	DER13	0.006	0.026	-0.026	3.45	0.035	OK	-0.74
NE+6.80	38	DER14	-0.016	0.062	0.026	3.35	0.034	OK	0.77
NE+3.45	38	DER14	-0.007	0.026	-0.022	3.45	0.035	OK	-0.64
NE+6.80	38	DER15	-0.015	-0.057	0.023	3.35	0.034	OK	0.70
NE+3.45	38	DER15	-0.006	-0.024	-0.023	3.45	0.035	OK	-0.68
NE+6.80	38	DER16	0.016	-0.056	0.023	3.35	0.034	OK	0.70
NE+3.45	38	DER16	0.007	-0.024	0.017	3.45	0.035	OK	0.50

0.793

NE+6.80	39	DER4	-0.050	0.024	0.022	3.35	0.034	OK	0.66
NE+3.45	39	DER4	-0.022	0.009	-0.033	3.45	0.035	OK	-0.94
NE+6.80	39	DER5	0.014	0.069	0.030	3.35	0.034	OK	0.89
NE+3.45	39	DER5	0.006	0.027	-0.030	3.45	0.035	OK	-0.86
NE+6.80	39	DER6	-0.016	0.069	0.030	3.35	0.034	OK	0.89
NE+3.45	39	DER6	-0.007	0.027	-0.023	3.45	0.035	OK	-0.67
NE+6.80	39	DER7	-0.014	-0.059	0.025	3.35	0.034	OK	0.76
NE+3.45	39	DER7	-0.006	-0.024	-0.025	3.45	0.035	OK	-0.74
NE+6.80	39	DER8	0.016	-0.059	0.025	3.35	0.034	OK	0.76
NE+3.45	39	DER8	0.007	-0.024	-0.021	3.45	0.035	OK	-0.62
NE+6.80	39	DER9	0.050	0.023	0.022	3.35	0.034	OK	0.65
NE+3.45	39	DER9	0.022	0.009	-0.020	3.45	0.035	OK	-0.59
NE+6.80	39	DER10	0.050	-0.016	0.021	3.35	0.034	OK	0.62
NE+3.45	39	DER10	0.022	-0.006	-0.021	3.45	0.035	OK	-0.60
NE+6.80	39	DER11	-0.050	-0.017	0.021	3.35	0.034	OK	0.62
NE+3.45	39	DER11	-0.022	-0.007	-0.022	3.45	0.035	OK	-0.65
NE+6.80	39	DER12	-0.050	0.022	0.022	3.35	0.034	OK	0.65
NE+3.45	39	DER12	-0.022	0.009	-0.031	3.45	0.035	OK	-0.91
NE+6.80	39	DER13	0.014	0.067	0.029	3.35	0.034	OK	0.86
NE+3.45	39	DER13	0.006	0.027	-0.029	3.45	0.035	OK	-0.84
NE+6.80	39	DER14	-0.016	0.067	0.029	3.35	0.034	OK	0.86
NE+3.45	39	DER14	-0.007	0.027	-0.025	3.45	0.035	OK	-0.72
NE+6.80	39	DER15	-0.015	-0.061	0.026	3.35	0.034	OK	0.78
NE+3.45	39	DER15	-0.006	-0.025	-0.026	3.45	0.035	OK	-0.76
NE+6.80	39	DER16	0.016	-0.061	0.026	3.35	0.034	OK	0.78
NE+3.45	39	DER16	0.007	-0.024	0.018	3.45	0.035	OK	0.51

0.889

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	40	DER1	0.050	0.023	0.022	3.35	0.034	OK	0.64
NE+3.45	40	DER1	0.022	0.010	-0.020	3.45	0.035	OK	-0.57
NE+6.80	40	DER2	0.050	-0.014	0.020	3.35	0.034	OK	0.61
NE+3.45	40	DER2	0.022	-0.006	-0.020	3.45	0.035	OK	-0.58
NE+6.80	40	DER3	-0.050	-0.014	0.020	3.35	0.034	OK	0.60
NE+3.45	40	DER3	-0.022	-0.006	-0.023	3.45	0.035	OK	-0.66
NE+6.80	40	DER4	-0.050	0.023	0.022	3.35	0.034	OK	0.64
NE+3.45	40	DER4	-0.022	0.010	-0.030	3.45	0.035	OK	-0.86
NE+6.80	40	DER5	0.015	0.065	0.027	3.35	0.034	OK	0.80
NE+3.45	40	DER5	0.006	0.028	-0.027	3.45	0.035	OK	-0.78
NE+6.80	40	DER6	-0.016	0.065	0.027	3.35	0.034	OK	0.80
NE+3.45	40	DER6	-0.007	0.028	-0.020	3.45	0.035	OK	-0.59
NE+6.80	40	DER7	-0.014	-0.056	0.023	3.35	0.034	OK	0.68
NE+3.45	40	DER7	-0.006	-0.024	-0.023	3.45	0.035	OK	-0.67
NE+6.80	40	DER8	0.016	-0.056	0.023	3.35	0.034	OK	0.68
NE+3.45	40	DER8	0.007	-0.024	-0.020	3.45	0.035	OK	-0.59
NE+6.80	40	DER9	0.050	0.021	0.021	3.35	0.034	OK	0.64
NE+3.45	40	DER9	0.022	0.009	-0.020	3.45	0.035	OK	-0.58
NE+6.80	40	DER10	0.050	-0.015	0.020	3.35	0.034	OK	0.61
NE+3.45	40	DER10	0.022	-0.007	-0.020	3.45	0.035	OK	-0.59
NE+6.80	40	DER11	-0.050	-0.015	0.020	3.35	0.034	OK	0.61
NE+3.45	40	DER11	-0.022	-0.007	-0.022	3.45	0.035	OK	-0.64
NE+6.80	40	DER12	-0.050	0.021	0.021	3.35	0.034	OK	0.64
NE+3.45	40	DER12	-0.022	0.009	-0.029	3.45	0.035	OK	-0.83
NE+6.80	40	DER13	0.015	0.063	0.026	3.35	0.034	OK	0.78
NE+3.45	40	DER13	0.006	0.027	-0.026	3.45	0.035	OK	-0.76
NE+6.80	40	DER14	-0.016	0.063	0.026	3.35	0.034	OK	0.78
NE+3.45	40	DER14	-0.007	0.027	-0.022	3.45	0.035	OK	-0.64
NE+6.80	40	DER15	-0.014	-0.058	0.024	3.35	0.034	OK	0.71
NE+3.45	40	DER15	-0.006	-0.025	-0.024	3.45	0.035	OK	-0.69
NE+6.80	40	DER16	0.016	-0.058	0.024	3.35	0.034	OK	0.71
NE+3.45	40	DER16	0.007	-0.025	0.018	3.45	0.035	OK	0.52

0.801

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	41	DER1	0.050	0.024	0.022	3.35	0.034	OK	0.66
NE+3.45	41	DER1	0.022	0.009	-0.020	3.45	0.035	OK	-0.58
NE+6.80	41	DER2	0.050	-0.015	0.021	3.35	0.034	OK	0.61
NE+3.45	41	DER2	0.022	-0.006	-0.020	3.45	0.035	OK	-0.58
NE+6.80	41	DER3	-0.050	-0.014	0.020	3.35	0.034	OK	0.61
NE+3.45	41	DER3	-0.022	-0.006	-0.023	3.45	0.035	OK	-0.68
NE+6.80	41	DER4	-0.050	0.025	0.022	3.35	0.034	OK	0.66
NE+3.45	41	DER4	-0.022	0.010	-0.033	3.45	0.035	OK	-0.96
NE+6.80	41	DER5	0.015	0.071	0.030	3.35	0.034	OK	0.90
NE+3.45	41	DER5	0.006	0.028	-0.031	3.45	0.035	OK	-0.89
NE+6.80	41	DER6	-0.016	0.071	0.030	3.35	0.034	OK	0.91
NE+3.45	41	DER6	-0.007	0.028	-0.023	3.45	0.035	OK	-0.67
NE+6.80	41	DER7	-0.014	-0.060	0.026	3.35	0.034	OK	0.77
NE+3.45	41	DER7	-0.006	-0.025	-0.026	3.45	0.035	OK	-0.76
NE+6.80	41	DER8	0.016	-0.061	0.026	3.35	0.034	OK	0.77
NE+3.45	41	DER8	0.007	-0.025	-0.020	3.45	0.035	OK	-0.59
NE+6.80	41	DER9	0.050	0.022	0.022	3.35	0.034	OK	0.65
NE+3.45	41	DER9	0.022	0.009	-0.021	3.45	0.035	OK	-0.60
NE+6.80	41	DER10	0.050	-0.017	0.021	3.35	0.034	OK	0.62
NE+3.45	41	DER10	0.022	-0.007	-0.020	3.45	0.035	OK	-0.59
NE+6.80	41	DER11	-0.050	-0.016	0.021	3.35	0.034	OK	0.62
NE+3.45	41	DER11	-0.022	-0.007	-0.023	3.45	0.035	OK	-0.66
NE+6.80	41	DER12	-0.050	0.023	0.022	3.35	0.034	OK	0.65
NE+3.45	41	DER12	-0.022	0.009	-0.032	3.45	0.035	OK	-0.93
NE+6.80	41	DER13	0.015	0.069	0.029	3.35	0.034	OK	0.88
NE+3.45	41	DER13	0.006	0.027	-0.030	3.45	0.035	OK	-0.86
NE+6.80	41	DER14	-0.016	0.069	0.030	3.35	0.034	OK	0.88
NE+3.45	41	DER14	-0.007	0.028	-0.025	3.45	0.035	OK	-0.72
NE+6.80	41	DER15	-0.014	-0.062	0.027	3.35	0.034	OK	0.79
NE+3.45	41	DER15	-0.006	-0.025	-0.027	3.45	0.035	OK	-0.78
NE+6.80	41	DER16	0.016	-0.063	0.027	3.35	0.034	OK	0.80
NE+3.45	41	DER16	0.007	-0.025	0.018	3.45	0.035	OK	0.54

0.905

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	42	DER1	0.050	0.022	0.022	3.35	0.034	OK	0.65
NE+3.45	42	DER1	0.022	0.009	-0.020	3.45	0.035	OK	-0.58
NE+6.80	42	DER2	0.051	-0.015	0.020	3.35	0.034	OK	0.61
NE+3.45	42	DER2	0.022	-0.007	-0.020	3.45	0.035	OK	-0.57
NE+6.80	42	DER3	-0.050	-0.013	0.020	3.35	0.034	OK	0.60
NE+3.45	42	DER3	-0.022	-0.006	-0.023	3.45	0.035	OK	-0.67
NE+6.80	42	DER4	-0.050	0.024	0.022	3.35	0.034	OK	0.65
NE+3.45	42	DER4	-0.022	0.011	-0.030	3.45	0.035	OK	-0.88
NE+6.80	42	DER5	0.015	0.067	0.027	3.35	0.034	OK	0.81
NE+3.45	42	DER5	0.006	0.029	-0.028	3.45	0.035	OK	-0.81
NE+6.80	42	DER6	-0.016	0.067	0.027	3.35	0.034	OK	0.82
NE+3.45	42	DER6	-0.007	0.029	-0.021	3.45	0.035	OK	-0.60
NE+6.80	42	DER7	-0.014	-0.057	0.023	3.35	0.034	OK	0.70
NE+3.45	42	DER7	-0.006	-0.025	-0.024	3.45	0.035	OK	-0.70
NE+6.80	42	DER8	0.016	-0.058	0.024	3.35	0.034	OK	0.71
NE+3.45	42	DER8	0.007	-0.025	-0.020	3.45	0.035	OK	-0.57
NE+6.80	42	DER9	0.050	0.021	0.021	3.35	0.034	OK	0.64
NE+3.45	42	DER9	0.022	0.009	-0.021	3.45	0.035	OK	-0.60
NE+6.80	42	DER10	0.051	-0.017	0.021	3.35	0.034	OK	0.62
NE+3.45	42	DER10	0.022	-0.008	-0.020	3.45	0.035	OK	-0.58
NE+6.80	42	DER11	-0.050	-0.015	0.020	3.35	0.034	OK	0.61
NE+3.45	42	DER11	-0.022	-0.006	-0.023	3.45	0.035	OK	-0.65
NE+6.80	42	DER12	-0.022	0.010	-0.029	3.45	0.035	OK	-0.85
NE+3.45	42	DER12	-0.050	0.022	0.022	3.35	0.034	OK	0.64
NE+6.80	42	DER13	0.015	0.065	0.027	3.35	0.034	OK	0.79
NE+3.45	42	DER13	0.006	0.028	-0.027	3.45	0.035	OK	-0.79
NE+6.80	42	DER14	-0.016	0.065	0.027	3.35	0.034	OK	0.80
NE+3.45	42	DER14	-0.007	0.028	-0.022	3.45	0.035	OK	-0.64
NE+6.80	42	DER15	-0.014	-0.059	0.024	3.35	0.034	OK	0.72
NE+3.45	42	DER15	-0.006	-0.026	-0.025	3.45	0.035	OK	-0.72
NE+6.80	42	DER16	0.016	-0.060	0.024	3.35	0.034	OK	0.73
NE+3.45	42	DER16	0.007	-0.026	0.019	3.45	0.035	OK	0.54

0.820

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	43	DER1	0.050	0.024	0.022	3.35	0.034	OK	0.66
NE+3.45	43	DER1	0.022	0.009	-0.021	3.45	0.035	OK	-0.60
NE+6.80	43	DER2	0.051	-0.017	0.021	3.35	0.034	OK	0.62
NE+3.45	43	DER2	0.022	-0.007	-0.020	3.45	0.035	OK	-0.58
NE+6.80	43	DER3	-0.050	-0.014	0.020	3.35	0.034	OK	0.61
NE+3.45	43	DER3	-0.022	-0.006	-0.024	3.45	0.035	OK	-0.70
NE+6.80	43	DER4	-0.050	0.027	0.023	3.35	0.034	OK	0.67
NE+3.45	43	DER4	-0.022	0.011	-0.034	3.45	0.035	OK	-0.99
NE+6.80	43	DER5	0.015	0.072	0.031	3.35	0.034	OK	0.93
NE+3.45	43	DER5	0.006	0.029	-0.032	3.45	0.035	OK	-0.92
NE+6.80	43	DER6	-0.016	0.073	0.031	3.35	0.034	OK	0.94
NE+3.45	43	DER6	-0.007	0.029	-0.024	3.45	0.035	OK	-0.69
NE+6.80	43	DER7	-0.014	-0.063	0.027	3.35	0.034	OK	0.80
NE+3.45	43	DER7	-0.006	-0.025	-0.028	3.45	0.035	OK	-0.81
NE+6.80	43	DER8	0.016	-0.064	0.027	3.35	0.034	OK	0.81
NE+3.45	43	DER8	0.007	-0.026	-0.020	3.45	0.035	OK	-0.57
NE+6.80	43	DER9	0.050	0.022	0.022	3.35	0.034	OK	0.65
NE+3.45	43	DER9	0.022	0.008	-0.021	3.45	0.035	OK	-0.62
NE+6.80	43	DER10	0.051	-0.019	0.021	3.35	0.034	OK	0.63
NE+3.45	43	DER10	0.022	-0.008	-0.020	3.45	0.035	OK	-0.58
NE+6.80	43	DER11	-0.050	-0.016	0.021	3.35	0.034	OK	0.62
NE+3.45	43	DER11	-0.022	-0.006	-0.023	3.45	0.035	OK	-0.68
NE+6.80	43	DER12	-0.050	0.025	0.022	3.35	0.034	OK	0.66
NE+3.45	43	DER12	-0.022	0.010	-0.033	3.45	0.035	OK	-0.96
NE+6.80	43	DER13	0.015	0.071	0.030	3.35	0.034	OK	0.90
NE+3.45	43	DER13	0.006	0.028	-0.031	3.45	0.035	OK	-0.90
NE+6.80	43	DER14	-0.016	0.072	0.031	3.35	0.034	OK	0.91
NE+3.45	43	DER14	-0.007	0.029	-0.026	3.45	0.035	OK	-0.74
NE+6.80	43	DER15	-0.014	-0.065	0.028	3.35	0.034	OK	0.82
NE+3.45	43	DER15	-0.006	-0.026	-0.029	3.45	0.035	OK	-0.83
NE+6.80	43	DER16	0.016	-0.066	0.028	3.35	0.034	OK	0.84
NE+3.45	43	DER16	0.007	-0.026	0.019	3.45	0.035	OK	0.55

0.936

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	44	DER1	0.050	0.022	0.022	3.35	0.034	OK	0.65
NE+3.45	44	DER1	0.022	0.009	-0.021	3.45	0.035	OK	-0.61
NE+6.80	44	DER2	0.051	-0.018	0.021	3.35	0.034	OK	0.63
NE+3.45	44	DER2	0.022	-0.008	-0.020	3.45	0.035	OK	-0.57
NE+6.80	44	DER3	-0.050	-0.014	0.020	3.35	0.034	OK	0.61
NE+3.45	44	DER3	-0.022	-0.005	-0.024	3.45	0.035	OK	-0.69
NE+6.80	44	DER4	-0.051	0.026	0.022	3.35	0.034	OK	0.66
NE+3.45	44	DER4	-0.022	0.011	-0.032	3.45	0.035	OK	-0.93
NE+6.80	44	DER5	0.015	0.069	0.029	3.35	0.034	OK	0.86
NE+3.45	44	DER5	0.006	0.029	-0.030	3.45	0.035	OK	-0.86
NE+6.80	44	DER6	-0.016	0.071	0.029	3.35	0.034	OK	0.87
NE+3.45	44	DER6	-0.007	0.030	-0.023	3.45	0.035	OK	-0.66
NE+6.80	44	DER7	-0.014	-0.061	0.026	3.35	0.034	OK	0.77
NE+3.45	44	DER7	-0.006	-0.026	-0.027	3.45	0.035	OK	-0.77
NE+6.80	44	DER8	0.016	-0.063	0.026	3.35	0.034	OK	0.78
NE+3.45	44	DER8	0.007	-0.026	-0.019	3.45	0.035	OK	-0.55
NE+6.80	44	DER9	0.050	0.021	0.022	3.35	0.034	OK	0.64
NE+3.45	44	DER9	0.022	0.008	-0.021	3.45	0.035	OK	-0.62
NE+6.80	44	DER10	0.051	-0.019	0.021	3.35	0.034	OK	0.63
NE+3.45	44	DER10	0.022	-0.008	-0.020	3.45	0.035	OK	-0.58
NE+6.80	44	DER11	-0.050	-0.015	0.021	3.35	0.034	OK	0.62
NE+3.45	44	DER11	-0.022	-0.006	-0.023	3.45	0.035	OK	-0.67
NE+6.80	44	DER12	-0.051	0.024	0.022	3.35	0.034	OK	0.65
NE+3.45	44	DER12	-0.022	0.011	-0.031	3.45	0.035	OK	-0.91
NE+6.80	44	DER13	0.015	0.068	0.028	3.35	0.034	OK	0.84
NE+3.45	44	DER13	0.006	0.029	-0.029	3.45	0.035	OK	-0.85
NE+6.80	44	DER14	-0.016	0.069	0.029	3.35	0.034	OK	0.85
NE+3.45	44	DER14	-0.007	0.029	-0.024	3.45	0.035	OK	-0.70
NE+6.80	44	DER15	-0.014	-0.063	0.026	3.35	0.034	OK	0.78
NE+3.45	44	DER15	-0.006	-0.026	-0.027	3.45	0.035	OK	-0.79
NE+6.80	44	DER16	0.016	-0.064	0.027	3.35	0.034	OK	0.79
NE+3.45	44	DER16	0.007	-0.027	0.020	3.45	0.035	OK	0.57

0.869

2.3.1 DESPLAZAMIENTOS NUDOS

Story	Label	Output Case	Ux m	Uy m	Uz m	Rx rad	Ry rad	Rz rad
NE+6.80	13	DER1	0.0498	0.0238	-0.0001	-0.0024	0.0060	0.0003
NE+6.80	13	DER2	0.0494	-0.0123	-0.0002	0.0034	0.0059	0.0004
NE+6.80	13	DER3	-0.0500	-0.0161	-0.0005	0.0039	-0.0089	-0.0002
NE+6.80	13	DER4	-0.0496	0.0200	-0.0004	-0.0019	-0.0088	-0.0003
NE+6.80	13	DER5	0.0155	0.0646	-0.0001	-0.0090	0.0010	-0.0001
NE+6.80	13	DER6	-0.0143	0.0634	-0.0002	-0.0089	-0.0035	-0.0002
NE+6.80	13	DER7	-0.0157	-0.0569	-0.0005	0.0106	-0.0039	0.0002
NE+6.80	13	DER8	0.0141	-0.0557	-0.0004	0.0104	0.0006	0.0003
NE+6.80	13	DER9	0.0498	0.0223	-0.0001	-0.0022	0.0061	0.0003
NE+6.80	13	DER10	0.0494	-0.0138	-0.0002	0.0036	0.0060	0.0004
NE+6.80	13	DER11	-0.0500	-0.0176	-0.0004	0.0041	-0.0088	-0.0002
NE+6.80	13	DER12	-0.0496	0.0185	-0.0003	-0.0017	-0.0087	-0.0003
NE+6.80	13	DER13	0.0155	0.0631	-0.0001	-0.0089	0.0010	-0.0001
NE+6.80	13	DER14	-0.0143	0.0619	-0.0001	-0.0087	-0.0034	-0.0003
NE+6.80	13	DER15	-0.0157	-0.0584	-0.0005	0.0107	-0.0038	0.0001
NE+6.80	13	DER16	0.0141	-0.0572	-0.0004	0.0106	0.0006	0.0003
NE+6.80	14	DER1	0.0497	0.0253	-0.0003	-0.0030	0.0068	0.0003
NE+6.80	14	DER2	0.0493	-0.0127	-0.0003	0.0037	0.0068	0.0003
NE+6.80	14	DER3	-0.0499	-0.0158	-0.0003	0.0039	-0.0067	-0.0003
NE+6.80	14	DER4	-0.0495	0.0222	-0.0003	-0.0028	-0.0067	-0.0003
NE+6.80	14	DER5	0.0155	0.0686	-0.0003	-0.0107	0.0021	0.0001
NE+6.80	14	DER6	-0.0143	0.0676	-0.0003	-0.0107	-0.0019	-0.0001
NE+6.80	14	DER7	-0.0156	-0.0591	-0.0004	0.0117	-0.0020	-0.0001
NE+6.80	14	DER8	0.0142	-0.0581	-0.0004	0.0116	0.0021	0.0001
NE+6.80	14	DER9	0.0497	0.0235	-0.0003	-0.0027	0.0068	0.0003
NE+6.80	14	DER10	0.0493	-0.0145	-0.0003	0.0041	0.0068	0.0003
NE+6.80	14	DER11	-0.0499	-0.0176	-0.0003	0.0042	-0.0067	-0.0003
NE+6.80	14	DER12	-0.0495	0.0204	-0.0003	-0.0025	-0.0067	-0.0003
NE+6.80	14	DER13	0.0155	0.0667	-0.0002	-0.0104	0.0021	0.0001
NE+6.80	14	DER14	-0.0143	0.0658	-0.0002	-0.0104	-0.0019	-0.0001
NE+6.80	14	DER15	-0.0156	-0.0609	-0.0003	0.0120	-0.0020	-0.0001
NE+6.80	14	DER16	0.0142	-0.0599	-0.0003	0.0120	0.0020	0.0001
NE+6.80	15	DER1	0.0497	0.0232	-0.0002	-0.0022	0.0068	0.0004
NE+6.80	15	DER2	0.0493	-0.0123	-0.0003	0.0033	0.0067	0.0003
NE+6.80	15	DER3	-0.0498	-0.0143	-0.0003	0.0035	-0.0068	-0.0003
NE+6.80	15	DER4	-0.0494	0.0212	-0.0002	-0.0021	-0.0068	-0.0003
NE+6.80	15	DER5	0.0155	0.0640	-0.0001	-0.0087	0.0020	0.0002
NE+6.80	15	DER6	-0.0142	0.0634	-0.0001	-0.0086	-0.0020	0.0000
NE+6.80	15	DER7	-0.0155	-0.0550	-0.0004	0.0100	-0.0021	-0.0002
NE+6.80	15	DER8	0.0142	-0.0544	-0.0004	0.0099	0.0020	0.0000
NE+6.80	15	DER9	0.0497	0.0215	-0.0002	-0.0020	0.0068	0.0003
NE+6.80	15	DER10	0.0493	-0.0140	-0.0003	0.0036	0.0067	0.0003
NE+6.80	15	DER11	-0.0498	-0.0160	-0.0003	0.0038	-0.0068	-0.0003
NE+6.80	15	DER12	-0.0494	0.0195	-0.0002	-0.0018	-0.0068	-0.0003
NE+6.80	15	DER13	0.0155	0.0622	-0.0001	-0.0084	0.0021	0.0002
NE+6.80	15	DER14	-0.0142	0.0616	-0.0001	-0.0084	-0.0020	0.0000
NE+6.80	15	DER15	-0.0155	-0.0567	-0.0004	0.0102	-0.0021	-0.0002
NE+6.80	15	DER16	0.0142	-0.0561	-0.0004	0.0102	0.0020	0.0000
NE+6.80	16	DER1	0.0497	0.0247	-0.0003	-0.0029	0.0067	0.0004
NE+6.80	16	DER2	0.0493	-0.0137	-0.0003	0.0037	0.0067	0.0003
NE+6.80	16	DER3	-0.0497	-0.0148	-0.0003	0.0038	-0.0067	-0.0004
NE+6.80	16	DER4	-0.0493	0.0236	-0.0003	-0.0028	-0.0067	-0.0003
NE+6.80	16	DER5	0.0155	0.0692	-0.0003	-0.0106	0.0020	0.0002
NE+6.80	16	DER6	-0.0142	0.0688	-0.0003	-0.0106	-0.0020	0.0000
NE+6.80	16	DER7	-0.0155	-0.0593	-0.0004	0.0114	-0.0021	-0.0002
NE+6.80	16	DER8	0.0142	-0.0589	-0.0004	0.0114	0.0020	0.0000
NE+6.80	16	DER9	0.0497	0.0228	-0.0002	-0.0026	0.0067	0.0004
NE+6.80	16	DER10	0.0493	-0.0156	-0.0003	0.0040	0.0067	0.0003
NE+6.80	16	DER11	-0.0497	-0.0167	-0.0003	0.0041	-0.0067	-0.0004
NE+6.80	16	DER12	-0.0493	0.0218	-0.0003	-0.0025	-0.0067	-0.0003
NE+6.80	16	DER13	0.0155	0.0673	-0.0002	-0.0103	0.0020	0.0002
NE+6.80	16	DER14	-0.0142	0.0669	-0.0002	-0.0102	-0.0020	0.0000
NE+6.80	16	DER15	-0.0155	-0.0611	-0.0003	0.0118	-0.0021	-0.0002
NE+6.80	16	DER16	0.0142	-0.0608	-0.0003	0.0117	0.0020	0.0000
NE+6.80	17	DER1	0.0497	0.0227	-0.0002	-0.0022	0.0068	0.0004
NE+6.80	17	DER2	0.0493	-0.0136	-0.0003	0.0034	0.0067	0.0003
NE+6.80	17	DER3	-0.0496	-0.0136	-0.0003	0.0034	-0.0067	-0.0004
NE+6.80	17	DER4	-0.0492	0.0227	-0.0002	-0.0022	-0.0067	-0.0003
NE+6.80	17	DER5	0.0155	0.0650	-0.0001	-0.0087	0.0021	0.0002
NE+6.80	17	DER6	-0.0142	0.0650	-0.0001	-0.0087	-0.0020	0.0000
NE+6.80	17	DER7	-0.0154	-0.0560	-0.0004	0.0100	-0.0020	-0.0002
NE+6.80	17	DER8	0.0143	-0.0560	-0.0004	0.0100	0.0020	0.0000
NE+6.80	17	DER9	0.0497	0.0210	-0.0002	-0.0019	0.0068	0.0004
NE+6.80	17	DER10	0.0493	-0.0153	-0.0003	0.0037	0.0067	0.0003
NE+6.80	17	DER11	-0.0496	-0.0153	-0.0003	0.0037	-0.0067	-0.0004
NE+6.80	17	DER12	-0.0493	0.0210	-0.0002	-0.0019	-0.0067	-0.0003
NE+6.80	17	DER13	0.0155	0.0633	-0.0001	-0.0085	0.0021	0.0002
NE+6.80	17	DER14	-0.0142	0.0633	-0.0001	-0.0085	-0.0020	0.0000
NE+6.80	17	DER15	-0.0154	-0.0577	-0.0004	0.0102	-0.0020	-0.0002
NE+6.80	17	DER16	0.0142	-0.0577	-0.0004	0.0102	0.0020	0.0000
NE+6.80	18	DER1	0.0497	0.0241	-0.0003	-0.0029	0.0067	0.0004
NE+6.80	18	DER2	0.0494	-0.0152	-0.0003	0.0038	0.0067	0.0003
NE+6.80	18	DER3	-0.0496	-0.0142	-0.0003	0.0037	-0.0067	-0.0004
NE+6.80	18	DER4	-0.0492	0.0252	-0.0003	-0.0030	-0.0067	-0.0003
NE+6.80	18	DER5	0.0155	0.0704	-0.0003	-0.0107	0.0020	0.0002
NE+6.80	18	DER6	-0.0142	0.0708	-0.0003	-0.0108	-0.0020	0.0000
NE+6.80	18	DER7	-0.0154	-0.0605	-0.0004	0.0115	-0.0020	-0.0002
NE+6.80	18	DER8	0.0143	-0.0608	-0.0004	0.0116	0.0020	-0.0001
NE+6.80	18	DER9	0.0497	0.0223	-0.0002	-0.0026	0.0067	0.0004
NE+6.80	18	DER10	0.0494	-0.0171	-0.0003	0.0041	0.0067	0.0003
NE+6.80	18	DER11	-0.0496	-0.0161	-0.0003	0.0040	-0.0067	-0.0004
NE+6.80	18	DER12	-0.0492	0.0233	-0.0003	-0.0027	-0.0067	-0.0003
NE+6.80	18	DER13	0.0155	0.0686	-0.0002	-0.0104	0.0020	0.0002
NE+6.80	18	DER14	-0.0142	0.0689	-0.0002	-0.0104	-0.0020	0.0000
NE+6.80	18	DER15	-0.0154	-0.0624	-0.0003	0.0119	-0.0020	-0.0002
NE+6.80	18	DER16	0.0143	-0.0627	-0.0003	0.0119	0.0020	-0.0001
NE+6.80	19	DER1	0.0498	0.0222	-0.0002	-0.0021	0.0068	0.0004
NE+6.80	19	DER2	0.0494	-0.0152	-0.0003	0.0036	0.0068	0.0002
NE+6.80	19	DER3	-0.0496	-0.0131	-0.0003	0.0034	-0.0067	-0.0004
NE+6.80	19	DER4	-0.0492	0.0242	-0.0002	-0.0023	-0.0067	-0.0003
NE+6.80	19	DER5	0.0155	0.0664	-0.0001	-0.0089	0.0021	0.0003
NE+6.80	19	DER6	-0.0142	0.0670	-0.0001	-0.0089	-0.0020	0.0001
NE+6.80	19	DER7	-0.0154	-0.0574	-0.0004	0.0102	-0.0020	-0.0003
NE+6.80	19	DER8	0.0144	-0.0580	-0.0004	0.0102	0.0020	-0.0001
NE+6.80	19	DER9	0.0498	0.0205	-0.0002	-0.0019	0.0068	0.0004
NE+6.80	19	DER10	0.0494	-0.0169	-0.0003	0.0039	0.0068	0.0002
NE+6.80	19	DER11	-0.0496	-0.0149	-0.0003	0.0037	-0.0067	-0.0004
NE+6.80	19	DER12	-0.0493	0.0225	-0.0002	-0.0021	-0.0067	-0.0003
NE+6.80	19	DER13	0.0155	0.0647	-0.0001	-0.0086	0.0021	0.0003
NE+6.80	19	DER14	-0.0142	0.0653	-0.0001	-0.0087	-0.0020	0.0001
NE+6.80	19	DER15	-0.0154	-0.0591	-0.0004	0.0104	-0.0020	-0.0003
NE+6.80	19	DER16	0.0143	-0.0597	-0.0004	0.0105	0.0020	-0.0001

Story	Label	Output Case	Ux m	Uy m	Uz m	Rx rad	Ry rad	Rz rad
NE+6.80	37	DER9	0.0501	0.0235	-0.0003	-0.0051	0.0068	-0.0005
NE+6.80	37	DER10	0.0505	-0.0145	-0.0003	0.0016	0.0069	-0.0005
NE+6.80	37	DER11	-0.0502	-0.0176	-0.0003	0.0020	-0.0067	0.0005
NE+6.80	37	DER12	-0.0506	0.0204	-0.0003	-0.0047	-0.0067	0.0005
NE+6.80	37	DER13	0.0144	0.0668	-0.0004	-0.0128	0.0021	-0.0001
NE+6.80	37	DER14	-0.0158	0.0659	-0.0004	-0.0127	-0.0020	0.0002
NE+6.80	37	DER15	-0.0145	-0.0608	-0.0003	0.0097	-0.0019	0.0002
NE+6.80	37	DER16	0.0157	-0.0599	-0.0003	0.0096	0.0021	-0.0001
NE+6.80	38	DER1	0.0500	0.0234	-0.0004	-0.0046	0.0068	-0.0005
NE+6.80	38	DER2	0.0504	-0.0121	-0.0003	0.0010	0.0068	-0.0005
NE+6.80	38	DER3	-0.0501	-0.0142	-0.0003	0.0012	-0.0068	0.0005
NE+6.80	38	DER4	-0.0505	0.0213	-0.0004	-0.0044	-0.0068	0.0005
NE+6.80	38	DER5	0.0144	0.0641	-0.0005	-0.0110	0.0020	-0.0001
NE+6.80	38	DER6	-0.0157	0.0635	-0.0005	-0.0109	-0.0021	0.0002
NE+6.80	38	DER7	-0.0145	-0.0549	-0.0002	0.0076	-0.0020	0.0001
NE+6.80	38	DER8	0.0157	-0.0543	-0.0002	0.0075	0.0021	-0.0002
NE+6.80	38	DER9	0.0500	0.0216	-0.0004	-0.0044	0.0068	-0.0005
NE+6.80	38	DER10	0.0504	-0.0139	-0.0003	0.0011	0.0068	-0.0005
NE+6.80	38	DER11	-0.0501	-0.0159	-0.0002	0.0013	-0.0068	0.0005
NE+6.80	38	DER12	-0.0505	0.0196	-0.0003	-0.0042	-0.0068	0.0005
NE+6.80	38	DER13	0.0144	0.0623	-0.0005	-0.0108	0.0020	-0.0001
NE+6.80	38	DER14	-0.0157	0.0617	-0.0005	-0.0108	-0.0021	0.0002
NE+6.80	38	DER15	-0.0145	-0.0566	-0.0001	0.0077	-0.0020	0.0001
NE+6.80	38	DER16	0.0157	-0.0560	-0.0001	0.0077	0.0021	-0.0002
NE+6.80	39	DER1	0.0500	0.0247	-0.0004	-0.0051	0.0067	-0.0005
NE+6.80	39	DER2	0.0504	-0.0137	-0.0004	0.0015	0.0068	-0.0005
NE+6.80	39	DER3	-0.0500	-0.0147	-0.0004	0.0016	-0.0067	0.0005
NE+6.80	39	DER4	-0.0504	0.0237	-0.0004	-0.0050	-0.0068	0.0005
NE+6.80	39	DER5	0.0144	0.0692	-0.0005	-0.0128	0.0020	0.0000
NE+6.80	39	DER6	-0.0157	0.0689	-0.0005	-0.0128	-0.0021	0.0003
NE+6.80	39	DER7	-0.0144	-0.0592	-0.0004	0.0092	-0.0020	0.0000
NE+6.80	39	DER8	0.0157	-0.0589	-0.0004	0.0092	0.0021	-0.0003
NE+6.80	39	DER9	0.0500	0.0229	-0.0003	-0.0049	0.0067	-0.0005
NE+6.80	39	DER10	0.0504	-0.0156	-0.0003	0.0017	0.0067	-0.0005
NE+6.80	39	DER11	-0.0500	-0.0166	-0.0003	0.0018	-0.0067	0.0005
NE+6.80	39	DER12	-0.0504	0.0218	-0.0004	-0.0048	-0.0068	0.0005
NE+6.80	39	DER13	0.0144	0.0673	-0.0004	-0.0126	0.0020	0.0000
NE+6.80	39	DER14	-0.0157	0.0670	-0.0004	-0.0126	-0.0021	0.0003
NE+6.80	39	DER15	-0.0145	-0.0611	-0.0003	0.0094	-0.0020	0.0000
NE+6.80	39	DER16	0.0157	-0.0608	-0.0003	0.0094	0.0020	-0.0003
NE+6.80	40	DER1	0.0500	0.0228	-0.0004	-0.0045	0.0068	-0.0005
NE+6.80	40	DER2	0.0504	-0.0135	-0.0003	0.0011	0.0068	-0.0005
NE+6.80	40	DER3	-0.0500	-0.0135	-0.0003	0.0011	-0.0068	0.0005
NE+6.80	40	DER4	-0.0503	0.0228	-0.0004	-0.0045	-0.0068	0.0006
NE+6.80	40	DER5	0.0145	0.0652	-0.0006	-0.0110	0.0020	0.0000
NE+6.80	40	DER6	-0.0156	0.0652	-0.0005	-0.0110	-0.0021	0.0003
NE+6.80	40	DER7	-0.0144	-0.0558	-0.0002	0.0076	-0.0020	0.0000
NE+6.80	40	DER8	0.0157	-0.0558	-0.0002	0.0076	0.0021	-0.0003
NE+6.80	40	DER9	0.0500	0.0211	-0.0004	-0.0043	0.0068	-0.0005
NE+6.80	40	DER10	0.0504	-0.0152	-0.0003	0.0012	0.0068	-0.0005
NE+6.80	40	DER11	-0.0500	-0.0152	-0.0002	0.0012	-0.0068	0.0005
NE+6.80	40	DER12	-0.0504	0.0211	-0.0003	-0.0043	-0.0068	0.0006
NE+6.80	40	DER13	0.0145	0.0634	-0.0005	-0.0109	0.0020	0.0000
NE+6.80	40	DER14	-0.0156	0.0634	-0.0005	-0.0109	-0.0021	0.0003
NE+6.80	40	DER15	-0.0144	-0.0576	-0.0001	0.0078	-0.0020	0.0000
NE+6.80	40	DER16	0.0157	-0.0576	-0.0001	0.0078	0.0021	-0.0003
NE+6.80	41	DER1	0.0501	0.0242	-0.0004	-0.0051	0.0067	-0.0005
NE+6.80	41	DER2	0.0504	-0.0152	-0.0004	0.0016	0.0068	-0.0005
NE+6.80	41	DER3	-0.0500	-0.0141	-0.0004	0.0015	-0.0067	0.0005
NE+6.80	41	DER4	-0.0503	0.0253	-0.0004	-0.0052	-0.0067	0.0005
NE+6.80	41	DER5	0.0145	0.0705	-0.0005	-0.0129	0.0020	0.0000
NE+6.80	41	DER6	-0.0156	0.0708	-0.0005	-0.0130	-0.0020	0.0003
NE+6.80	41	DER7	-0.0144	-0.0604	-0.0004	0.0094	-0.0020	0.0000
NE+6.80	41	DER8	0.0157	-0.0607	-0.0004	0.0094	0.0021	-0.0003
NE+6.80	41	DER9	0.0501	0.0223	-0.0003	-0.0049	0.0067	-0.0005
NE+6.80	41	DER10	0.0504	-0.0171	-0.0003	0.0018	0.0068	-0.0005
NE+6.80	41	DER11	-0.0500	-0.0160	-0.0003	0.0017	-0.0067	0.0005
NE+6.80	41	DER12	-0.0503	0.0234	-0.0004	-0.0050	-0.0067	0.0005
NE+6.80	41	DER13	0.0145	0.0686	-0.0004	-0.0127	0.0020	0.0000
NE+6.80	41	DER14	-0.0156	0.0689	-0.0004	-0.0128	-0.0020	0.0003
NE+6.80	41	DER15	-0.0144	-0.0623	-0.0003	0.0096	-0.0020	0.0000
NE+6.80	41	DER16	0.0157	-0.0626	-0.0003	0.0096	0.0021	-0.0003
NE+6.80	42	DER1	0.0502	0.0223	-0.0004	-0.0045	0.0068	-0.0005
NE+6.80	42	DER2	0.0505	-0.0150	-0.0003	0.0012	0.0068	-0.0006
NE+6.80	42	DER3	-0.0500	-0.0130	-0.0003	0.0011	-0.0068	0.0004
NE+6.80	42	DER4	-0.0504	0.0243	-0.0004	-0.0046	-0.0068	0.0006
NE+6.80	42	DER5	0.0146	0.0665	-0.0006	-0.0112	0.0020	0.0000
NE+6.80	42	DER6	-0.0156	0.0671	-0.0005	-0.0112	-0.0020	0.0003
NE+6.80	42	DER7	-0.0144	-0.0573	-0.0002	0.0078	-0.0020	0.0000
NE+6.80	42	DER8	0.0157	-0.0579	-0.0002	0.0078	0.0021	-0.0003
NE+6.80	42	DER9	0.0501	0.0206	-0.0004	-0.0043	0.0068	-0.0004
NE+6.80	42	DER10	0.0505	-0.0168	-0.0003	0.0014	0.0068	-0.0006
NE+6.80	42	DER11	-0.0500	-0.0148	-0.0002	0.0012	-0.0068	0.0004
NE+6.80	42	DER12	-0.0504	0.0226	-0.0004	-0.0045	-0.0068	0.0006
NE+6.80	42	DER13	0.0146	0.0648	-0.0005	-0.0110	0.0020	0.0000
NE+6.80	42	DER14	-0.0156	0.0654	-0.0005	-0.0111	-0.0020	0.0003
NE+6.80	42	DER15	-0.0144	-0.0590	-0.0001	0.0079	-0.0020	0.0000
NE+6.80	42	DER16	0.0157	-0.0596	-0.0001	0.0080	0.0021	-0.0003
NE+6.80	43	DER1	0.0503	0.0237	-0.0004	-0.0050	0.0067	-0.0004
NE+6.80	43	DER2	0.0506	-0.0171	-0.0004	0.0020	0.0067	-0.0006
NE+6.80	43	DER3	-0.0501	-0.0140	-0.0004	0.0016	-0.0069	0.0004
NE+6.80	43	DER4	-0.0504	0.0268	-0.0004	-0.0054	-0.0069	0.0005
NE+6.80	43	DER5	0.0146	0.0724	-0.0005	-0.0133	0.0019	0.0001
NE+6.80	43	DER6	-0.0156	0.0734	-0.0005	-0.0134	-0.0021	0.0004
NE+6.80	43	DER7	-0.0144	-0.0627	-0.0004	0.0099	-0.0021	-0.0001
NE+6.80	43	DER8	0.0158	-0.0637	-0.0003	0.0100	0.0020	-0.0004
NE+6.80	43	DER9	0.0503	0.0219	-0.0003	-0.0049	0.0067	-0.0004
NE+6.80	43	DER10	0.0506	-0.0189	-0.0003	0.0021	0.0067	-0.0006
NE+6.80	43	DER11	-0.0501	-0.0158	-0.0003	0.0018	-0.0068	0.0004
NE+6.80	43	DER12	-0.0504	0.0250	-0.0004	-0.0052	-0.0069	0.0005
NE+6.80	43	DER13	0.0146	0.0706	-0.0004	-0.0132	0.0019	0.0001
NE+6.80	43	DER14	-0.0156	0.0716	-0.0004	-0.0133	-0.0021	0.0004
NE+6.80	43	DER15	-0.0144	-0.0645	-0.0003	0.0100	-0.0021	-0.0001
NE+6.80	43	DER16	0.0158	-0.0655	-0.0003	0.0102	0.0020	-0.0004
NE+6.80	44	DER1	0.0504	0.0219	-0.0005	-0.0046	0.0089	-0.0004
NE+6.80	44	DER2	0.0507	-0.0176	-0.0004	0.0015	0.0089	-0.0006
NE+6.80	44	DER3	-0.0501	-0.0139	-0.0002	0.0014	-0.0059	0.0003
NE+6.80	44	DER4	-0.0505	0.0257	-0.0003	-0.0047	-0.0058	0.0005
NE+6.80	44	DER5	0.0147	0.0694	-0.0006	-0.0117	0.0039	0.0003
NE+6.80	44	DER6	-0.0156	0.0706	-0.0005	-0.0117	-0.0005	0.0005
NE+6.80	44	DER7	-0.0144	-0.0614	-0.0001	0.0085	-0.0009	-0.0004
NE+6.80	44	DER8	0.0158	-0.0625	-0.0002	0.0085	0.0036	-0.0006

Story	Label	Output Case	Ux m	Uy m	Uz m	Rx rad	Ry rad	Rz rad
NE+3.45	21	DER1	0.0218	0.0089	-0.0002	-0.0037	0.0069	0.0000
NE+3.45	21	DER2	0.0216	-0.0077	-0.0003	0.0022	0.0068	-0.0001
NE+3.45	21	DER3	-0.0218	-0.0053	-0.0001	0.0017	-0.0081	0.0000
NE+3.45	21	DER4	-0.0215	0.0113	0.0000	-0.0042	-0.0080	0.0001
NE+3.45	21	DER5	0.0070	0.0292	-0.0001	-0.0108	0.0018	0.0001
NE+3.45	21	DER6	-0.0061	0.0299	0.0000	-0.0109	-0.0027	0.0001
NE+3.45	21	DER7	-0.0069	-0.0256	-0.0003	0.0088	-0.0030	-0.0001
NE+3.45	21	DER8	0.0061	-0.0263	-0.0003	0.0089	0.0015	-0.0001
NE+3.45	21	DER9	0.0218	0.0083	-0.0002	-0.0034	0.0070	0.0000
NE+3.45	21	DER10	0.0216	-0.0084	-0.0003	0.0025	0.0069	-0.0001
NE+3.45	21	DER11	-0.0218	-0.0060	-0.0001	0.0019	-0.0080	0.0000
NE+3.45	21	DER12	-0.0215	0.0107	0.0000	-0.0040	-0.0080	0.0001
NE+3.45	21	DER13	0.0070	0.0285	-0.0001	-0.0105	0.0018	0.0001
NE+3.45	21	DER14	-0.0061	0.0292	0.0000	-0.0107	-0.0026	0.0001
NE+3.45	21	DER15	-0.0069	-0.0263	-0.0003	0.0090	-0.0029	-0.0001
NE+3.45	21	DER16	0.0061	-0.0270	-0.0003	0.0092	0.0016	-0.0001
NE+3.45	24	DER1	0.0220	0.0102	-0.0002	-0.0029	0.0098	0.0000
NE+3.45	24	DER2	0.0220	-0.0043	-0.0002	0.0015	0.0098	-0.0001
NE+3.45	24	DER3	-0.0220	-0.0067	-0.0002	0.0020	-0.0069	0.0000
NE+3.45	24	DER4	-0.0220	0.0078	-0.0002	-0.0024	-0.0069	0.0001
NE+3.45	24	DER5	0.0066	0.0263	-0.0002	-0.0078	0.0039	0.0001
NE+3.45	24	DER6	-0.0066	0.0256	-0.0002	-0.0076	-0.0010	0.0001
NE+3.45	24	DER7	-0.0066	-0.0227	-0.0002	0.0069	-0.0010	-0.0001
NE+3.45	24	DER8	0.0066	-0.0220	-0.0002	0.0068	0.0040	-0.0001
NE+3.45	24	DER9	0.0220	0.0096	-0.0001	-0.0027	0.0095	0.0000
NE+3.45	24	DER10	0.0220	-0.0049	-0.0002	0.0017	0.0095	-0.0001
NE+3.45	24	DER11	-0.0220	-0.0073	-0.0002	0.0022	-0.0071	0.0000
NE+3.45	24	DER12	-0.0220	0.0072	-0.0002	-0.0022	-0.0072	0.0001
NE+3.45	24	DER13	0.0066	0.0256	-0.0002	-0.0076	0.0037	0.0001
NE+3.45	24	DER14	-0.0066	0.0249	-0.0002	-0.0075	-0.0013	0.0001
NE+3.45	24	DER15	-0.0066	-0.0234	-0.0002	0.0071	-0.0013	-0.0001
NE+3.45	24	DER16	0.0066	-0.0227	-0.0002	0.0069	0.0037	-0.0001
NE+3.45	26	DER1	0.0220	0.0099	-0.0003	-0.0027	0.0076	0.0000
NE+3.45	26	DER2	0.0220	-0.0051	-0.0003	0.0016	0.0076	-0.0001
NE+3.45	26	DER3	-0.0220	-0.0063	-0.0003	0.0018	-0.0075	0.0000
NE+3.45	26	DER4	-0.0220	0.0087	-0.0003	-0.0025	-0.0075	0.0001
NE+3.45	26	DER5	0.0066	0.0270	-0.0003	-0.0077	0.0023	0.0001
NE+3.45	26	DER6	-0.0066	0.0267	-0.0003	-0.0076	-0.0023	0.0001
NE+3.45	26	DER7	-0.0066	-0.0235	-0.0003	0.0067	-0.0023	-0.0001
NE+3.45	26	DER8	0.0066	-0.0231	-0.0003	0.0067	0.0023	-0.0001
NE+3.45	26	DER9	0.0220	0.0092	-0.0002	-0.0026	0.0076	0.0000
NE+3.45	26	DER10	0.0220	-0.0058	-0.0002	0.0017	0.0076	-0.0001
NE+3.45	26	DER11	-0.0220	-0.0070	-0.0002	0.0020	-0.0076	0.0000
NE+3.45	26	DER12	-0.0220	0.0080	-0.0002	-0.0023	-0.0076	0.0001
NE+3.45	26	DER13	0.0066	0.0264	-0.0002	-0.0075	0.0023	0.0001
NE+3.45	26	DER14	-0.0066	0.0260	-0.0002	-0.0074	-0.0023	0.0001
NE+3.45	26	DER15	-0.0066	-0.0241	-0.0002	0.0069	-0.0023	-0.0001
NE+3.45	26	DER16	0.0066	-0.0238	-0.0002	0.0068	0.0023	-0.0001
NE+3.45	28	DER1	0.0220	0.0096	-0.0003	-0.0027	0.0076	0.0000
NE+3.45	28	DER2	0.0220	-0.0060	-0.0003	0.0017	0.0076	-0.0001
NE+3.45	28	DER3	-0.0220	-0.0060	-0.0003	0.0017	-0.0075	0.0000
NE+3.45	28	DER4	-0.0220	0.0096	-0.0003	-0.0027	-0.0075	0.0001
NE+3.45	28	DER5	0.0066	0.0278	-0.0003	-0.0078	0.0023	0.0001
NE+3.45	28	DER6	-0.0066	0.0278	-0.0003	-0.0078	-0.0022	0.0001
NE+3.45	28	DER7	-0.0066	-0.0242	-0.0003	0.0069	-0.0022	-0.0001
NE+3.45	28	DER8	0.0066	-0.0242	-0.0003	0.0069	0.0023	-0.0001
NE+3.45	28	DER9	0.0220	0.0089	-0.0002	-0.0025	0.0076	0.0000
NE+3.45	28	DER10	0.0220	-0.0067	-0.0002	0.0019	0.0076	-0.0001
NE+3.45	28	DER11	-0.0220	-0.0067	-0.0002	0.0019	-0.0075	0.0000
NE+3.45	28	DER12	-0.0220	0.0089	-0.0002	-0.0025	-0.0075	0.0001
NE+3.45	28	DER13	0.0066	0.0271	-0.0002	-0.0076	0.0023	0.0001
NE+3.45	28	DER14	-0.0066	0.0271	-0.0002	-0.0076	-0.0023	0.0001
NE+3.45	28	DER15	-0.0066	-0.0248	-0.0002	0.0071	-0.0022	-0.0001
NE+3.45	28	DER16	0.0066	-0.0248	-0.0002	0.0071	0.0023	-0.0001
NE+3.45	30	DER1	0.0220	0.0093	-0.0003	-0.0026	0.0076	0.0000
NE+3.45	30	DER2	0.0220	-0.0068	-0.0003	0.0019	0.0076	-0.0001
NE+3.45	30	DER3	-0.0220	-0.0057	-0.0003	0.0017	-0.0075	0.0000
NE+3.45	30	DER4	-0.0220	0.0105	-0.0003	-0.0029	-0.0075	0.0001
NE+3.45	30	DER5	0.0066	0.0285	-0.0003	-0.0080	0.0023	0.0001
NE+3.45	30	DER6	-0.0066	0.0288	-0.0003	-0.0081	-0.0022	0.0001
NE+3.45	30	DER7	-0.0066	-0.0249	-0.0003	0.0071	-0.0022	-0.0001
NE+3.45	30	DER8	0.0066	-0.0252	-0.0003	0.0071	0.0023	-0.0001
NE+3.45	30	DER9	0.0220	0.0086	-0.0002	-0.0024	0.0076	0.0000
NE+3.45	30	DER10	0.0220	-0.0075	-0.0002	0.0021	0.0076	-0.0001
NE+3.45	30	DER11	-0.0220	-0.0063	-0.0002	0.0019	-0.0075	0.0000
NE+3.45	30	DER12	-0.0220	0.0098	-0.0002	-0.0027	-0.0075	0.0001
NE+3.45	30	DER13	0.0066	0.0278	-0.0002	-0.0078	0.0023	0.0001
NE+3.45	30	DER14	-0.0066	0.0282	-0.0002	-0.0079	-0.0022	0.0001
NE+3.45	30	DER15	-0.0066	-0.0255	-0.0002	0.0072	-0.0022	-0.0001
NE+3.45	30	DER16	0.0066	-0.0259	-0.0002	0.0073	0.0023	-0.0001
NE+3.45	32	DER1	0.0220	0.0089	-0.0002	-0.0026	0.0069	0.0000
NE+3.45	32	DER2	0.0220	-0.0077	-0.0002	0.0022	0.0069	-0.0001
NE+3.45	32	DER3	-0.0220	-0.0053	-0.0002	0.0017	-0.0097	0.0000
NE+3.45	32	DER4	-0.0220	0.0113	-0.0002	-0.0031	-0.0097	0.0001
NE+3.45	32	DER5	0.0066	0.0292	-0.0002	-0.0084	0.0011	0.0001
NE+3.45	32	DER6	-0.0066	0.0299	-0.0002	-0.0086	-0.0039	0.0001
NE+3.45	32	DER7	-0.0066	-0.0256	-0.0002	0.0075	-0.0039	-0.0001
NE+3.45	32	DER8	0.0066	-0.0263	-0.0002	0.0077	0.0011	-0.0001
NE+3.45	32	DER9	0.0220	0.0083	-0.0002	-0.0024	0.0072	0.0000
NE+3.45	32	DER10	0.0220	-0.0084	-0.0002	0.0024	0.0072	-0.0001
NE+3.45	32	DER11	-0.0220	-0.0060	-0.0002	0.0019	-0.0095	0.0000
NE+3.45	32	DER12	-0.0220	0.0107	-0.0001	-0.0029	-0.0094	0.0001
NE+3.45	32	DER13	0.0066	0.0285	-0.0002	-0.0082	0.0014	0.0001
NE+3.45	32	DER14	-0.0066	0.0292	-0.0002	-0.0084	-0.0036	0.0001
NE+3.45	32	DER15	-0.0066	-0.0263	-0.0002	0.0077	-0.0036	-0.0001
NE+3.45	32	DER16	0.0066	-0.0270	-0.0002	0.0078	0.0013	-0.0001
NE+3.45	36	DER1	0.0221	0.0102	-0.0002	-0.0037	0.0084	0.0000
NE+3.45	36	DER2	0.0224	-0.0043	-0.0001	0.0016	0.0085	-0.0001
NE+3.45	36	DER3	-0.0221	-0.0067	-0.0003	0.0022	-0.0067	0.0000
NE+3.45	36	DER4	-0.0224	0.0078	-0.0004	-0.0031	-0.0068	0.0001
NE+3.45	36	DER5	0.0063	0.0263	-0.0003	-0.0097	0.0030	0.0001
NE+3.45	36	DER6	-0.0071	0.0256	-0.0004	-0.0095	-0.0015	0.0001
NE+3.45	36	DER7	-0.0062	-0.0227	-0.0001	0.0082	-0.0014	-0.0001
NE+3.45	36	DER8	0.0071	-0.0220	-0.0001	0.0080	0.0032	-0.0001
NE+3.45	36	DER9	0.0221	0.0096	-0.0001	-0.0033	0.0082	0.0000
NE+3.45	36	DER10	0.0224	-0.0049	-0.0001	0.0020	0.0083	-0.0001
NE+3.45	36	DER11	-0.0221	-0.0073	-0.0002	0.0026	-0.0069	0.0000
NE+3.45	36	DER12	-0.0224	0.0072	-0.0003	-0.0027	-0.0070	0.0001
NE+3.45	36	DER13	0.0063	0.0256	-0.0003	-0.0093	0.0029	0.0001
NE+3.45	36	DER14	-0.0071	0.0249	-0.0004	-0.0091	-0.0017	0.0001
NE+3.45	36	DER15	-0.0062	-0.0234	-0.0001	0.0086	-0.0016	-0.0001
NE+3.45	36	DER16	0.0071	-0.0227	0.0000	0.0084	0.0030	-0.0001

NE+6.80	20	DER1	0.0499	0.0237	-0.0003	-0.0029	0.0067	0.0004
NE+6.80	20	DER2	0.0496	-0.0172	-0.0003	0.0041	0.0067	0.0002
NE+6.80	20	DER3	-0.0496	-0.0141	-0.0003	0.0039	-0.0068	-0.0004
NE+6.80	20	DER4	-0.0493	0.0268	-0.0003	-0.0031	-0.0068	-0.0003
NE+6.80	20	DER5	0.0156	0.0724	-0.0002	-0.0112	0.0020	0.0003
NE+6.80	20	DER6	-0.0142	0.0733	-0.0003	-0.0112	-0.0021	0.0001
NE+6.80	20	DER7	-0.0153	-0.0628	-0.0004	0.0121	-0.0021	-0.0004
NE+6.80	20	DER8	0.0144	-0.0637	-0.0004	0.0122	0.0019	-0.0002
NE+6.80	20	DER9	0.0499	0.0218	-0.0002	-0.0026	0.0067	0.0004
NE+6.80	20	DER10	0.0495	-0.0190	-0.0003	0.0044	0.0067	0.0002
NE+6.80	20	DER11	-0.0496	-0.0159	-0.0003	0.0042	-0.0068	-0.0004
NE+6.80	20	DER12	-0.0493	0.0250	-0.0003	-0.0028	-0.0068	-0.0003
NE+6.80	20	DER13	0.0156	0.0706	-0.0002	-0.0108	0.0020	0.0003
NE+6.80	20	DER14	-0.0142	0.0715	-0.0002	-0.0109	-0.0021	0.0001
NE+6.80	20	DER15	-0.0153	-0.0646	-0.0003	0.0124	-0.0021	-0.0004
NE+6.80	20	DER16	0.0144	-0.0655	-0.0003	0.0125	0.0019	-0.0002
NE+6.80	21	DER1	0.0500	0.0218	-0.0004	-0.0021	0.0088	0.0004
NE+6.80	21	DER2	0.0497	-0.0178	-0.0005	0.0040	0.0089	0.0001
NE+6.80	21	DER3	-0.0497	-0.0140	-0.0002	0.0035	-0.0059	-0.0005
NE+6.80	21	DER4	-0.0494	0.0256	-0.0001	-0.0026	-0.0059	-0.0002
NE+6.80	21	DER5	0.0156	0.0693	-0.0001	-0.0094	0.0035	0.0005
NE+6.80	21	DER6	-0.0142	0.0705	-0.0001	-0.0095	-0.0009	0.0003
NE+6.80	21	DER7	-0.0153	-0.0615	-0.0004	0.0108	-0.0006	-0.0006
NE+6.80	21	DER8	0.0145	-0.0626	-0.0005	0.0110	0.0038	-0.0004
NE+6.80	21	DER9	0.0500	0.0203	-0.0003	-0.0019	0.0087	0.0004
NE+6.80	21	DER10	0.0497	-0.0192	-0.0004	0.0042	0.0088	0.0001
NE+6.80	21	DER11	-0.0497	-0.0154	-0.0002	0.0037	-0.0059	-0.0005
NE+6.80	21	DER12	-0.0494	0.0242	-0.0001	-0.0024	-0.0060	-0.0002
NE+6.80	21	DER13	0.0156	0.0679	-0.0001	-0.0092	0.0034	0.0005
NE+6.80	21	DER14	-0.0142	0.0690	0.0000	-0.0093	-0.0010	0.0003
NE+6.80	21	DER15	-0.0153	-0.0629	-0.0004	0.0110	-0.0007	-0.0006
NE+6.80	21	DER16	0.0145	-0.0641	-0.0005	0.0111	0.0037	-0.0004
NE+6.80	24	DER1	0.0517	0.0238	-0.0002	-0.0033	0.0068	-0.0001
NE+6.80	24	DER2	0.0517	-0.0123	-0.0003	0.0020	0.0068	0.0000
NE+6.80	24	DER3	-0.0517	-0.0160	-0.0003	0.0023	-0.0099	0.0002
NE+6.80	24	DER4	-0.0517	0.0200	-0.0003	-0.0030	-0.0099	0.0001
NE+6.80	24	DER5	0.0155	0.0645	-0.0003	-0.0093	0.0009	-0.0002
NE+6.80	24	DER6	-0.0155	0.0634	-0.0003	-0.0093	-0.0041	-0.0001
NE+6.80	24	DER7	-0.0155	-0.0568	-0.0003	0.0083	-0.0041	0.0002
NE+6.80	24	DER8	0.0155	-0.0556	-0.0003	0.0082	0.0010	0.0002
NE+6.80	24	DER9	0.0517	0.0223	-0.0002	-0.0031	0.0069	-0.0001
NE+6.80	24	DER10	0.0517	-0.0137	-0.0002	0.0022	0.0069	0.0000
NE+6.80	24	DER11	-0.0517	-0.0175	-0.0003	0.0025	-0.0098	0.0002
NE+6.80	24	DER12	-0.0517	0.0185	-0.0003	-0.0028	-0.0098	0.0000
NE+6.80	24	DER13	0.0155	0.0631	-0.0002	-0.0091	0.0011	-0.0002
NE+6.80	24	DER14	-0.0156	0.0619	-0.0002	-0.0091	-0.0040	-0.0001
NE+6.80	24	DER15	-0.0155	-0.0583	-0.0003	0.0085	-0.0040	0.0002
NE+6.80	24	DER16	0.0155	-0.0571	-0.0002	0.0084	0.0011	0.0002
NE+6.80	26	DER1	0.0516	0.0233	-0.0003	-0.0033	0.0079	-0.0001
NE+6.80	26	DER2	0.0516	-0.0122	-0.0003	0.0017	0.0079	-0.0001
NE+6.80	26	DER3	-0.0516	-0.0142	-0.0003	0.0018	-0.0079	0.0001
NE+6.80	26	DER4	-0.0516	0.0212	-0.0003	-0.0031	-0.0079	0.0001
NE+6.80	26	DER5	0.0155	0.0639	-0.0003	-0.0090	0.0024	0.0001
NE+6.80	26	DER6	-0.0155	0.0633	-0.0003	-0.0089	-0.0024	0.0001
NE+6.80	26	DER7	-0.0154	-0.0549	-0.0003	0.0075	-0.0024	-0.0001
NE+6.80	26	DER8	0.0155	-0.0543	-0.0003	0.0075	0.0024	-0.0001
NE+6.80	26	DER9	0.0516	0.0216	-0.0003	-0.0030	0.0079	-0.0001
NE+6.80	26	DER10	0.0516	-0.0139	-0.0003	0.0019	0.0079	-0.0001
NE+6.80	26	DER11	-0.0516	-0.0159	-0.0003	0.0021	-0.0079	0.0001
NE+6.80	26	DER12	-0.0516	0.0195	-0.0003	-0.0028	-0.0079	0.0001
NE+6.80	26	DER13	0.0155	0.0622	-0.0002	-0.0087	0.0024	0.0001
NE+6.80	26	DER14	-0.0155	0.0616	-0.0002	-0.0087	-0.0024	0.0001
NE+6.80	26	DER15	-0.0155	-0.0566	-0.0003	0.0078	-0.0024	-0.0001
NE+6.80	26	DER16	0.0155	-0.0560	-0.0003	0.0078	0.0024	-0.0001
NE+6.80	28	DER1	0.0516	0.0227	-0.0003	-0.0032	0.0079	0.0000
NE+6.80	28	DER2	0.0516	-0.0135	-0.0003	0.0018	0.0079	-0.0001
NE+6.80	28	DER3	-0.0515	-0.0135	-0.0003	0.0018	-0.0079	0.0000
NE+6.80	28	DER4	-0.0515	0.0227	-0.0003	-0.0032	-0.0079	0.0001
NE+6.80	28	DER5	0.0155	0.0650	-0.0003	-0.0090	0.0024	0.0001
NE+6.80	28	DER6	-0.0154	0.0650	-0.0003	-0.0090	-0.0024	0.0002
NE+6.80	28	DER7	-0.0154	-0.0558	-0.0003	0.0076	-0.0024	-0.0001
NE+6.80	28	DER8	0.0155	-0.0558	-0.0003	0.0076	0.0024	-0.0002
NE+6.80	28	DER9	0.0516	0.0210	-0.0003	-0.0030	0.0079	0.0000
NE+6.80	28	DER10	0.0516	-0.0153	-0.0003	0.0020	0.0079	-0.0001
NE+6.80	28	DER11	-0.0515	-0.0153	-0.0003	0.0020	-0.0079	0.0000
NE+6.80	28	DER12	-0.0515	0.0210	-0.0003	-0.0030	-0.0079	0.0001
NE+6.80	28	DER13	0.0155	0.0633	-0.0002	-0.0088	0.0024	0.0001
NE+6.80	28	DER14	-0.0154	0.0633	-0.0002	-0.0088	-0.0024	0.0002
NE+6.80	28	DER15	-0.0154	-0.0576	-0.0003	0.0079	-0.0024	-0.0001
NE+6.80	28	DER16	0.0155	-0.0576	-0.0003	0.0079	0.0024	-0.0002
NE+6.80	30	DER1	0.0516	0.0222	-0.0003	-0.0032	0.0079	0.0000
NE+6.80	30	DER2	0.0516	-0.0151	-0.0003	0.0019	0.0079	-0.0001
NE+6.80	30	DER3	-0.0515	-0.0131	-0.0003	0.0017	-0.0080	0.0000
NE+6.80	30	DER4	-0.0515	0.0242	-0.0003	-0.0034	-0.0080	0.0001
NE+6.80	30	DER5	0.0155	0.0664	-0.0003	-0.0092	0.0024	0.0001
NE+6.80	30	DER6	-0.0154	0.0670	-0.0003	-0.0092	-0.0024	0.0002
NE+6.80	30	DER7	-0.0154	-0.0573	-0.0003	0.0077	-0.0024	-0.0001
NE+6.80	30	DER8	0.0155	-0.0579	-0.0003	0.0078	0.0024	-0.0002
NE+6.80	30	DER9	0.0516	0.0205	-0.0003	-0.0029	0.0079	0.0000
NE+6.80	30	DER10	0.0516	-0.0168	-0.0003	0.0022	0.0079	-0.0001
NE+6.80	30	DER11	-0.0515	-0.0148	-0.0003	0.0020	-0.0079	0.0000
NE+6.80	30	DER12	-0.0515	0.0225	-0.0003	-0.0031	-0.0079	0.0001
NE+6.80	30	DER13	0.0155	0.0647	-0.0002	-0.0089	0.0024	0.0001
NE+6.80	30	DER14	-0.0154	0.0653	-0.0002	-0.0090	-0.0024	0.0002
NE+6.80	30	DER15	-0.0154	-0.0590	-0.0003	0.0080	-0.0024	-0.0001
NE+6.80	30	DER16	0.0155	-0.0596	-0.0003	0.0081	0.0024	-0.0002
NE+6.80	32	DER1	0.0518	0.0218	-0.0003	-0.0032	0.0099	0.0000
NE+6.80	32	DER2	0.0518	-0.0177	-0.0003	0.0024	0.0099	-0.0002
NE+6.80	32	DER3	-0.0516	-0.0139	-0.0002	0.0021	-0.0068	-0.0001
NE+6.80	32	DER4	-0.0516	0.0256	-0.0002	-0.0034	-0.0068	0.0002
NE+6.80	32	DER5	0.0156	0.0693	-0.0003	-0.0097	0.0041	0.0004
NE+6.80	32	DER6	-0.0154	0.0704	-0.0003	-0.0098	-0.0009	0.0004
NE+6.80	32	DER7	-0.0154	-0.0614	-0.0003	0.0087	-0.0010	-0.0005
NE+6.80	32	DER8	0.0156	-0.0625	-0.0003	0.0088	0.0041	-0.0005
NE+6.80	32	DER9	0.0518	0.0204	-0.0003	-0.0030	0.0098	0.0000
NE+6.80	32	DER10	0.0518	-0.0192	-0.0003	0.0026	0.0098	-0.0002
NE+6.80	32	DER11	-0.0516	-0.0154	-0.0002	0.0023	-0.0069	-0.0001
NE+6.80	32	DER12	-0.0516	0.0242	-0.0002	-0.0032	-0.0069	0.0002
NE+6.80	32	DER13	0.0156	0.0678	-0.0002	-0.0095	0.0040	0.0004
NE+6.80	32	DER14	-0.0154	0.0690	-0.0002	-0.0096	-0.0011	0.0004
NE+6.80	32	DER15	-0.0154	-0.0628	-0.0002	0.0089	-0.0011	-0.0004
NE+6.80	32	DER16	0.0156	-0.0640	-0.0003	0.0089	0.0040	-0.0005
NE+6.80	36	DER1	0.0502	0.0239	-0.0003	-0.0046	0.0058	-0.0005
NE+6.80	36	DER2	0.0506	-0.0122	-0.0002	0.0013	0.0060	-0.0003
NE+6.80	36	DER3	-0.0503	-0.0160	-0.0004	0.0013	-0.0089	0.0006
NE+6.80	36	DER4	-0.0507	0.0201	-0.0005	-0.0045	-0.0090	0.0004
NE+6.80	36	DER5	0.0144	0.0646	-0.0005	-0.0113	0.0005	-0.0003
NE+6.80	36	DER6	-0.0159	0.0635	-0.0006	-0.0113	-0.0039	0.0000

NE+6.80	44	DER9	0.0504	0.0205	-0.0005	-0.0045	0.0088	-0.0003
NE+6.80	44	DER10	0.0507	-0.0191	-0.0004	0.0016	0.0087	-0.0006
NE+6.80	44	DER11	-0.0501	-0.0154	-0.0001	0.0016	-0.0060	0.0003
NE+6.80	44	DER12	-0.0505	0.0242	-0.0002	-0.0045	-0.0059	0.0006
NE+6.80	44	DER13	0.0147	0.0680	-0.0005	-0.0116	0.0038	0.0003
NE+6.80	44	DER14	-0.0156	0.0691	-0.0004	-0.0116	-0.0007	0.0006
NE+6.80	44	DER15	-0.0144	-0.0628	-0.0001	0.0087	-0.0010	-0.0003
NE+6.80	44	DER16	0.0158	-0.0640	-0.0002	0.0087	0.0035	-0.0006
NE+3.45	13	DER1	0.0218	0.0102	0.0000	-0.0040	0.0082	0.0000
NE+3.45	13	DER2	0.0216	-0.0043	-0.0001	0.0014	0.0081	-0.0001
NE+3.45	13	DER3	-0.0218	-0.0067	-0.0003	0.0020	-0.0069	0.0000
NE+3.45	13	DER4	-0.0215	0.0078	-0.0002	-0.0034	-0.0069	0.0001
NE+3.45	13	DER5	0.0070	0.0263	0.0000	-0.0100	0.0030	0.0001
NE+3.45	13	DER6	-0.0061	0.0256	-0.0001	-0.0098	-0.0015	0.0001
NE+3.45	13	DER7	-0.0069	-0.0227	-0.0003	0.0080	-0.0017	-0.0001
NE+3.45	13	DER8	0.0061	-0.0220	-0.0003	0.0078	0.0028	-0.0001
NE+3.45	13	DER9	0.0218	0.0096	0.0000	-0.0037	0.0081	0.0000
NE+3.45	13	DER10	0.0216	-0.0049	-0.0001	0.0016	0.0081	-0.0001
NE+3.45	13	DER11	-0.0218	-0.0073	-0.0003	0.0022	-0.0070	0.0000
NE+3.45	13	DER12	-0.0215	0.0072	-0.0002	-0.0031	-0.0069	0.0001
NE+3.45	13	DER13	0.0070	0.0256	0.0000	-0.0097	0.0029	0.0001
NE+3.45	13	DER14	-0.0061	0.0249	-0.0001	-0.0096	-0.0016	0.0001
NE+3.45	13	DER15	-0.0069	-0.0234	-0.0003	0.0082	-0.0018	-0.0001
NE+3.45	13	DER16	0.0061	-0.0227	-0.0003	0.0080	0.0027	-0.0001
NE+3.45	14	DER1	0.0218	0.0101	-0.0002	-0.0051	0.0062	0.0000
NE+3.45	14	DER2	0.0216	-0.0047	-0.0002	0.0009	0.0061	-0.0001
NE+3.45	14	DER3	-0.0218	-0.0065	-0.0002	0.0015	-0.0063	0.0000
NE+3.45	14	DER4	-0.0215	0.0083	-0.0002	-0.0045	-0.0063	0.0001
NE+3.45	14	DER5	0.0070	0.0267	-0.0002	-0.0119	0.0019	0.0001
NE+3.45	14	DER6	-0.0061	0.0261	-0.0002	-0.0117	-0.0019	0.0001
NE+3.45	14	DER7	-0.0069	-0.0231	-0.0003	0.0082	-0.0020	-0.0001
NE+3.45	14	DER8	0.0061	-0.0226	-0.0003	0.0080	0.0017	-0.0001
NE+3.45	14	DER9	0.0218	0.0094	-0.0002	-0.0046	0.0062	0.0000
NE+3.45	14	DER10	0.0216	-0.0054	-0.0002	0.0013	0.0061	-0.0001
NE+3.45	14	DER11	-0.0218	-0.0072	-0.0002	0.0019	-0.0063	0.0000
NE+3.45	14	DER12	-0.0215	0.0076	-0.0002	-0.0041	-0.0063	0.0001
NE+3.45	14	DER13	0.0070	0.0260	-0.0002	-0.0114	0.0019	0.0001
NE+3.45	14	DER14	-0.0061	0.0255	-0.0002	-0.0112	-0.0019	0.0001
NE+3.45	14	DER15	-0.0069	-0.0238	-0.0002	0.0087	-0.0020	-0.0001
NE+3.45	14	DER16	0.0061	-0.0233	-0.0002	0.0085	0.0017	-0.0001
NE+3.45	15	DER1	0.0218	0.0099	-0.0002	-0.0039	0.0064	0.0000
NE+3.45	15	DER2	0.0216	-0.0051	-0.0002	0.0014	0.0063	-0.0001
NE+3.45	15	DER3	-0.0218	-0.0063	-0.0002	0.0017	-0.0063	0.0000
NE+3.45	15	DER4	-0.0215	0.0087	-0.0002	-0.0036	-0.0063	0.0001
NE+3.45	15	DER5	0.0070	0.0270	-0.0001	-0.0099	0.0020	0.0001
NE+3.45	15	DER6	-0.0061	0.0267	-0.0001	-0.0098	-0.0018	0.0001
NE+3.45	15	DER7	-0.0069	-0.0235	-0.0003	0.0078	-0.0020	-0.0001
NE+3.45	15	DER8	0.0061	-0.0231	-0.0003	0.0077	0.0018	-0.0001
NE+3.45	15	DER9	0.0218	0.0092	-0.0001	-0.0036	0.0064	0.0000
NE+3.45	15	DER10	0.0216	-0.0058	-0.0002	0.0016	0.0063	-0.0001
NE+3.45	15	DER11	-0.0218	-0.0070	-0.0002	0.0020	-0.0064	0.0000
NE+3.45	15	DER12	-0.0215	0.0080	-0.0001	-0.0033	-0.0063	0.0001
NE+3.45	15	DER13	0.0070	0.0264	-0.0001	-0.0097	0.0020	0.0001
NE+3.45	15	DER14	-0.0061	0.0260	-0.0001	-0.0096	-0.0018	0.0001
NE+3.45	15	DER15	-0.0069	-0.0241	-0.0003	0.0080	-0.0020	-0.0001
NE+3.45	15	DER16	0.0061	-0.0238	-0.0003	0.0079	0.0018	-0.0001
NE+3.45	16	DER1	0.0218	0.0097	-0.0002	-0.0049	0.0063	0.0000
NE+3.45	16	DER2	0.0216	-0.0056	-0.0002	0.0012	0.0062	-0.0001
NE+3.45	16	DER3	-0.0218	-0.0062	-0.0002	0.0013	-0.0063	0.0000
NE+3.45	16	DER4	-0.0215	0.0092	-0.0002	-0.0048	-0.0063	0.0001
NE+3.45	16	DER5	0.0070	0.0274	-0.0002	-0.0120	0.0019	0.0001
NE+3.45	16	DER6	-0.0061	0.0272	-0.0002	-0.0119	-0.0018	0.0001
NE+3.45	16	DER7	-0.0069	-0.0238	-0.0003	0.0083	-0.0020	-0.0001
NE+3.45	16	DER8	0.0061	-0.0236	-0.0003	0.0083	0.0018	-0.0001
NE+3.45	16	DER9	0.0218	0.0091	-0.0002	-0.0045	0.0063	0.0000
NE+3.45	16	DER10	0.0216	-0.0062	-0.0002	0.0016	0.0062	-0.0001
NE+3.45	16	DER11	-0.0218	-0.0068	-0.0002	0.0018	-0.0063	0.0000
NE+3.45	16	DER12	-0.0215	0.0085	-0.0002	-0.0043	-0.0063	0.0001
NE+3.45	16	DER13	0.0070	0.0267	-0.0002	-0.0115	0.0020	0.0001
NE+3.45	16	DER14	-0.0061	0.0265	-0.0002	-0.0115	-0.0018	0.0001
NE+3.45	16	DER15	-0.0069	-0.0245	-0.0002	0.0088	-0.0020	-0.0001
NE+3.45	16	DER16	0.0061	-0.0243	-0.0002	0.0087	0.0018	-0.0001
NE+3.45	17	DER1	0.0218	0.0096	-0.0002	-0.0038	0.0064	0.0000
NE+3.45	17	DER2	0.0216	-0.0060	-0.0002	0.0016	0.0063	-0.0001
NE+3.45	17	DER3	-0.0218	-0.0060	-0.0002	0.0016	-0.0063	0.0000
NE+3.45	17	DER4	-0.0215	0.0096	-0.0001	-0.0038	-0.0063	0.0001
NE+3.45	17	DER5	0.0070	0.0278	-0.0001	-0.0101	0.0020	0.0001
NE+3.45	17	DER6	-0.0061	0.0278	-0.0001	-0.0101	-0.0018	0.0001
NE+3.45	17	DER7	-0.0069	-0.0242	-0.0003	0.0079	-0.0020	-0.0001
NE+3.45	17	DER8	0.0061	-0.0242	-0.0003	0.0079	0.0018	-0.0001
NE+3.45	17	DER9	0.0218	0.0089	-0.0001	-0.0035	0.0064	0.0000
NE+3.45	17	DER10	0.0216	-0.0067	-0.0002	0.0019	0.0063	-0.0001
NE+3.45	17	DER11	-0.0218	-0.0067	-0.0002	0.0019	-0.0063	0.0000
NE+3.45	17	DER12	-0.0215	0.0089	-0.0001	-0.0035	-0.0063	0.0001
NE+3.45	17	DER13	0.0070	0.0271	-0.0001	-0.0099	0.0020	0.0001
NE+3.45	17	DER14	-0.0061	0.0271	-0.0001	-0.0099	-0.0018	0.0001
NE+3.45	17	DER15	-0.0069	-0.0248	-0.0003	0.0082	-0.0020	-0.0001
NE+3.45	17	DER16	0.0061	-0.0248	-0.0003	0.0082	0.0018	-0.0001
NE+3.45	18	DER1	0.0218	0.0094	-0.0002	-0.0048	0.0063	0.0000
NE+3.45	18	DER2	0.0216	-0.0064	-0.0002	0.0014	0.0062	-0.0001
NE+3.45	18	DER3	-0.0218	-0.0058	-0.0002	0.0012	-0.0063	0.0000
NE+3.45	18	DER4	-0.0215	0.0100	-0.0002	-0.0050	-0.0063	0.0001
NE+3.45	18	DER5	0.0070	0.0281	-0.0002	-0.0122	0.0020	0.0001
NE+3.45	18	DER6	-0.0061	0.0283	-0.0002	-0.0122	-0.0018	0.0001
NE+3.45	18	DER7	-0.0069	-0.0245	-0.0003	0.0086	-0.0020	-0.0001
NE+3.45	18	DER8	0.0061	-0.0247	-0.0003	0.0086	0.0018	-0.0001
NE+3.45	18	DER9	0.0218	0.0087	-0.0002	-0.0044	0.0063	0.0000
NE+3.45	18	DER10	0.0216	-0.0071	-0.0002	0.0019	0.0062	-0.0001
NE+3.45	18	DER11	-0.0218	-0.0065	-0.0002	0.0017	-0.0063	0.0000
NE+3.45	18	DER12	-0.0215	0.0094	-0.0002	-0.0046	-0.0063	0.0001
NE+3.45	18	DER13	0.0070	0.0274	-0.0002	-0.0117	0.0020	0.0001
NE+3.45	18	DER14	-0.0061	0.0276	-0.0002	-0.0118	-0.0018	0.0001
NE+3.45	18	DER15	-0.0069	-0.0252	-0.0002	0.0090	-0.0020	-0.0001
NE+3.45	18	DER16	0.0061	-0.0254	-0.0002	0.0091	0.0018	-0.0001
NE+3.45	19	DER1	0.0218	0.0093	-0.0002	-0.0037	0.0064	0.0000
NE+3.45	19	DER2	0.0216	-0.0068	-0.0002	0.0019	0.0063	-0.0001
NE+3.45	19	DER3	-0.0218	-0.0057	-0.0002	0.0015	-0.0063	0.0000
NE+3.45	19	DER4	-0.0215	0.0105	-0.0001	-0.0040	-0.0063	0.0001
NE+3.45	19	DER5	0.0070	0.0285	-0.0001	-0.0103	0.0020	0.0001
NE+3.45	19	DER6	-0.0061	0.0288	-0.0001	-0.0104	-0.0018	0.0001
NE+3.45	19	DER7	-0.0069	-0.0249	-0.0003	0.0081	-0.0020	-0.0001
NE+3.45	19	DER8	0.0061	-0.0252	-0.0003	0.0082	0.0018	-0.0001
NE+3.45	19	DER9	0.0218	0.0086	-0.0001	-0.0035	0.0064	0.0000
NE+3.45	19	DER10	0.0216	-0.0075	-0.0002	0.0021	0.0063	-0.0001
NE+3.45	19	DER11	-0.0218	-0.0063	-0.0002	0.0018	-0.0063	0.0000
NE+3.45	19	DER12	-0.0215	0.0098	-0.0001	-0.0038	-0.0063	0.0001
NE+3.45	19	DER13	0.0070	0.0278	-0.0001	-0.0101	0.0020	0.0001
NE+3.45	19	DER14	-0.0061	0.0282	0.0000	-0.0102	-0.0018	0.0001

NE+3.45	37	DER1	0.0221	0.0101	-0.0003	-0.0041	0.0062	0.0000
NE+3.45	37	DER2	0.0224	-0.0047	-0.0003	0.0018	0.0062	-0.0001
NE+3.45	37	DER3	-0.0221	-0.0065	-0.0003	0.0024	-0.0064	0.0000
NE+3.45	37	DER4	-0.0224	0.0083	-0.0003	-0.0036	-0.0064	0.0001
NE+3.45	37	DER5	0.0063	0.0267	-0.0004	-0.0109	0.0017	0.0001
NE+3.45	37	DER6	-0.0071	0.0261	-0.0004	-0.0107	-0.0021	0.0001
NE+3.45	37	DER7	-0.0062	-0.0231	-0.0003	0.0091	-0.0019	-0.0001
NE+3.45	37	DER8	0.0071	-0.0226	-0.0003	0.0090	0.0019	-0.0001
NE+3.45	37	DER9	0.0221	0.0094	-0.0003	-0.0035	0.0062	0.0000
NE+3.45	37	DER10	0.0224	-0.0054	-0.0002	0.0024	0.0062	-0.0001
NE+3.45	37	DER11	-0.0221	-0.0072	-0.0002	0.0029	-0.0064	0.0000
NE+3.45	37	DER12	-0.0224	0.0076	-0.0003	-0.0030	-0.0064	0.0001
NE+3.45	37	DER13	0.0063	0.0260	-0.0003	-0.0103	0.0017	0.0001
NE+3.45	37	DER14	-0.0071	0.0255	-0.0003	-0.0101	-0.0021	0.0001
NE+3.45	37	DER15	-0.0062	-0.0238	-0.0002	0.0097	-0.0019	-0.0001
NE+3.45	37	DER16	0.0071	-0.0233	-0.0002	0.0095	0.0019	-0.0001
NE+3.45	38	DER1	0.0221	0.0099	-0.0003	-0.0041	0.0064	0.0000
NE+3.45	38	DER2	0.0224	-0.0051	-0.0003	0.0011	0.0065	-0.0001
NE+3.45	38	DER3	-0.0221	-0.0063	-0.0003	0.0014	-0.0063	0.0000
NE+3.45	38	DER4	-0.0224	0.0087	-0.0003	-0.0038	-0.0064	0.0001
NE+3.45	38	DER5	0.0063	0.0270	-0.0004	-0.0102	0.0019	0.0001
NE+3.45	38	DER6	-0.0071	0.0267	-0.0004	-0.0101	-0.0020	0.0001
NE+3.45	38	DER7	-0.0062	-0.0235	-0.0002	0.0075	-0.0018	-0.0001
NE+3.45	38	DER8	0.0071	-0.0231	-0.0002	0.0074	0.0020	-0.0001
NE+3.45	38	DER9	0.0221	0.0092	-0.0003	-0.0035	0.0064	0.0000
NE+3.45	38	DER10	0.0224	-0.0058	-0.0002	0.0018	0.0065	-0.0001
NE+3.45	38	DER11	-0.0221	-0.0070	-0.0002	0.0021	-0.0063	0.0000
NE+3.45	38	DER12	-0.0224	0.0080	-0.0003	-0.0032	-0.0064	0.0001
NE+3.45	38	DER13	0.0063	0.0264	-0.0004	-0.0095	0.0019	0.0001
NE+3.45	38	DER14	-0.0071	0.0260	-0.0004	-0.0094	-0.0020	0.0001
NE+3.45	38	DER15	-0.0062	-0.0241	-0.0001	0.0081	-0.0018	-0.0001
NE+3.45	38	DER16	0.0071	-0.0238	-0.0001	0.0080	0.0020	-0.0001
NE+3.45	39	DER1	0.0221	0.0097	-0.0003	-0.0040	0.0063	0.0000
NE+3.45	39	DER2	0.0224	-0.0056	-0.0003	0.0020	0.0063	-0.0001
NE+3.45	39	DER3	-0.0221	-0.0062	-0.0003	0.0022	-0.0064	0.0000
NE+3.45	39	DER4	-0.0224	0.0092	-0.0003	-0.0038	-0.0064	0.0001
NE+3.45	39	DER5	0.0063	0.0274	-0.0004	-0.0110	0.0018	0.0001
NE+3.45	39	DER6	-0.0071	0.0272	-0.0004	-0.0109	-0.0020	0.0001
NE+3.45	39	DER7	-0.0062	-0.0238	-0.0003	0.0092	-0.0019	-0.0001
NE+3.45	39	DER8	0.0071	-0.0236	-0.0003	0.0092	0.0020	-0.0001
NE+3.45	39	DER9	0.0221	0.0091	-0.0003	-0.0034	0.0063	0.0000
NE+3.45	39	DER10	0.0224	-0.0062	-0.0002	0.0026	0.0063	-0.0001
NE+3.45	39	DER11	-0.0221	-0.0068	-0.0002	0.0028	-0.0063	0.0000
NE+3.45	39	DER12	-0.0224	0.0085	-0.0003	-0.0032	-0.0064	0.0001
NE+3.45	39	DER13	0.0063	0.0267	-0.0003	-0.0104	0.0018	0.0001
NE+3.45	39	DER14	-0.0071	0.0265	-0.0003	-0.0104	-0.0020	0.0001
NE+3.45	39	DER15	-0.0062	-0.0245	-0.0002	0.0098	-0.0018	-0.0001
NE+3.45	39	DER16	0.0071	-0.0243	-0.0002	0.0097	0.0020	-0.0001
NE+3.45	40	DER1	0.0221	0.0096	-0.0003	-0.0041	0.0064	0.0000
NE+3.45	40	DER2	0.0224	-0.0060	-0.0003	0.0013	0.0065	-0.0001
NE+3.45	40	DER3	-0.0221	-0.0060	-0.0003	0.0013	-0.0063	0.0000
NE+3.45	40	DER4	-0.0224	0.0096	-0.0003	-0.0041	-0.0064	0.0001
NE+3.45	40	DER5	0.0063	0.0278	-0.0004	-0.0104	0.0019	0.0001
NE+3.45	40	DER6	-0.0071	0.0278	-0.0004	-0.0104	-0.0020	0.0001
NE+3.45	40	DER7	-0.0062	-0.0242	-0.0002	0.0076	-0.0018	-0.0001
NE+3.45	40	DER8	0.0071	-0.0242	-0.0002	0.0076	0.0020	-0.0001
NE+3.45	40	DER9	0.0221	0.0089	-0.0003	-0.0034	0.0064	0.0000
NE+3.45	40	DER10	0.0224	-0.0067	-0.0002	0.0020	0.0064	-0.0001
NE+3.45	40	DER11	-0.0221	-0.0067	-0.0002	0.0020	-0.0063	0.0000
NE+3.45	40	DER12	-0.0224	0.0089	-0.0003	-0.0034	-0.0064	0.0001
NE+3.45	40	DER13	0.0063	0.0271	-0.0004	-0.0097	0.0019	0.0001
NE+3.45	40	DER14	-0.0071	0.0271	-0.0004	-0.0097	-0.0020	0.0001
NE+3.45	40	DER15	-0.0062	-0.0248	-0.0001	0.0083	-0.0018	-0.0001
NE+3.45	40	DER16	0.0071	-0.0248	-0.0001	0.0083	0.0020	-0.0001
NE+3.45	41	DER1	0.0221	0.0094	-0.0003	-0.0039	0.0063	0.0000
NE+3.45	41	DER2	0.0224	-0.0064	-0.0003	0.0023	0.0063	-0.0001
NE+3.45	41	DER3	-0.0221	-0.0058	-0.0003	0.0021	-0.0063	0.0000
NE+3.45	41	DER4	-0.0224	0.0100	-0.0003	-0.0041	-0.0064	0.0001
NE+3.45	41	DER5	0.0063	0.0281	-0.0004	-0.0112	0.0018	0.0001
NE+3.45	41	DER6	-0.0071	0.0283	-0.0004	-0.0113	-0.0020	0.0001
NE+3.45	41	DER7	-0.0062	-0.0245	-0.0003	0.0094	-0.0019	-0.0001
NE+3.45	41	DER8	0.0071	-0.0247	-0.0003	0.0095	0.0019	-0.0001
NE+3.45	41	DER9	0.0221	0.0087	-0.0003	-0.0034	0.0063	0.0000
NE+3.45	41	DER10	0.0224	-0.0071	-0.0002	0.0028	0.0063	-0.0001
NE+3.45	41	DER11	-0.0221	-0.0065	-0.0002	0.0027	-0.0063	0.0000
NE+3.45	41	DER12	-0.0224	0.0094	-0.0003	-0.0035	-0.0064	0.0001
NE+3.45	41	DER13	0.0063	0.0274	-0.0003	-0.0107	0.0018	0.0001
NE+3.45	41	DER14	-0.0071	0.0276	-0.0003	-0.0107	-0.0020	0.0001
NE+3.45	41	DER15	-0.0062	-0.0252	-0.0002	0.0100	-0.0018	-0.0001
NE+3.45	41	DER16	0.0071	-0.0254	-0.0002	0.0100	0.0020	-0.0001
NE+3.45	42	DER1	0.0221	0.0093	-0.0003	-0.0040	0.0064	0.0000
NE+3.45	42	DER2	0.0224	-0.0068	-0.0003	0.0016	0.0065	-0.0001
NE+3.45	42	DER3	-0.0221	-0.0057	-0.0003	0.0013	-0.0063	0.0000
NE+3.45	42	DER4	-0.0224	0.0105	-0.0003	-0.0043	-0.0064	0.0001
NE+3.45	42	DER5	0.0063	0.0285	-0.0004	-0.0106	0.0019	0.0001
NE+3.45	42	DER6	-0.0071	0.0288	-0.0004	-0.0107	-0.0020	0.0001
NE+3.45	42	DER7	-0.0062	-0.0249	-0.0002	0.0079	-0.0018	-0.0001
NE+3.45	42	DER8	0.0071	-0.0252	-0.0002	0.0080	0.0020	-0.0001
NE+3.45	42	DER9	0.0221	0.0086	-0.0003	-0.0033	0.0064	0.0000
NE+3.45	42	DER10	0.0224	-0.0075	-0.0002	0.0023	0.0065	-0.0001
NE+3.45	42	DER11	-0.0221	-0.0063	-0.0002	0.0019	-0.0063	0.0000
NE+3.45	42	DER12	-0.0224	0.0098	-0.0003	-0.0036	-0.0064	0.0001
NE+3.45	42	DER13	0.0063	0.0278	-0.0004	-0.0099	0.0019	0.0001
NE+3.45	42	DER14	-0.0071	0.0282	-0.0004	-0.0100	-0.0020	0.0001
NE+3.45	42	DER15	-0.0062	-0.0255	-0.0001	0.0085	-0.0018	-0.0001
NE+3.45	42	DER16	0.0071	-0.0259	-0.0001	0.0086	0.0020	-0.0001
NE+3.45	43	DER1	0.0221	0.0091	-0.0003	-0.0038	0.0063	0.0000
NE+3.45	43	DER2	0.0224	-0.0073	-0.0003	0.0026	0.0064	-0.0001
NE+3.45	43	DER3	-0.0221	-0.0055	-0.0003	0.0021	-0.0062	0.0000
NE+3.45	43	DER4	-0.0224	0.0109	-0.0004	-0.0043	-0.0063	0.0001
NE+3.45	43	DER5	0.0063	0.0288	-0.0004	-0.0115	0.0019	0.0001
NE+3.45	43	DER6	-0.0071	0.0294	-0.0004	-0.0117	-0.0019	0.0001
NE+3.45	43	DER7	-0.0062	-0.0252	-0.0003	0.0098	-0.0018	-0.0001
NE+3.45	43	DER8	0.0071	-0.0258	-0.0003	0.0099	0.0020	-0.0001
NE+3.45	43	DER9	0.0221	0.0084	-0.0002	-0.0033	0.0063	0.0000
NE+3.45	43	DER10	0.0224	-0.0080	-0.0002	0.0032	0.0064	-0.0001
NE+3.45	43	DER11	-0.0221	-0.0062	-0.0003	0.0027	-0.0062	0.0000
NE+3.45	43	DER12	-0.0224	0.0102	-0.0003	-0.0038	-0.0063	0.0001
NE+3.45	43	DER13	0.0063	0.0282	-0.0003	-0.0110	0.0019	0.0001
NE+3.45	43	DER14	-0.0071	0.0287	-0.0003	-0.0111	-0.0019	0.0001
NE+3.45	43	DER15	-0.0062	-0.0259	-0.0002	0.0103	-0.0018	-0.0001
NE+3.45	43	DER16	0.0071	-0.0264	-0.0002	0.0105	0.0020	-0.0001
NE+3.45	44	DER1	0.0221	0.0089	-0.0004	-0.0034	0.0067	0.0000
NE+3.45	44	DER2	0.0224	-0.0077	-0.0003	0.0024	0.0068	-0.0001
NE+3.45	44	DER3	-0.0221	-0.0053	-0.0001	0.0019	-0.0083	0.0000
NE+3.45	44	DER4	-0.0224	0.0113	-0.0002	-0.0040	-0.0084	0.0001
NE+3.45	44	DER5	0.0063	0.0292	-0.0004	-0.0105	0.0014	0.0001
NE+3.45	44	DER6	-0.0071	0.0299	-0.0003	-0.0107	-0.0032	0.0001

NE+6.80	36	DER7	-0.0146	-0.0568	-0.0002	0.0081	-0.0035	0.0004
NE+6.80	36	DER8	0.0157	-0.0557	-0.0001	0.0081	0.0009	0.0001
NE+6.80	36	DER9	0.0502	0.0224	-0.0002	-0.0044	0.0060	-0.0005
NE+6.80	36	DER10	0.0506	-0.0137	-0.0001	0.0014	0.0061	-0.0004
NE+6.80	36	DER11	-0.0504	-0.0175	-0.0004	0.0015	-0.0087	0.0005
NE+6.80	36	DER12	-0.0508	0.0186	-0.0005	-0.0044	-0.0089	0.0004
NE+6.80	36	DER13	0.0144	0.0632	-0.0004	-0.0112	0.0006	-0.0003
NE+6.80	36	DER14	-0.0159	0.0620	-0.0005	-0.0112	-0.0038	0.0000
NE+6.80	36	DER15	-0.0146	-0.0583	-0.0002	0.0082	-0.0034	0.0004
NE+6.80	36	DER16	0.0157	-0.0571	-0.0001	0.0082	0.0010	0.0001
NE+6.80	37	DER1	0.0501	0.0254	-0.0004	-0.0053	0.0069	-0.0005
NE+6.80	37	DER2	0.0505	-0.0126	-0.0004	0.0015	0.0069	-0.0005
NE+6.80	37	DER3	-0.0502	-0.0157	-0.0004	0.0018	-0.0067	0.0005
NE+6.80	37	DER4	-0.0506	0.0223	-0.0004	-0.0049	-0.0067	0.0005
NE+6.80	37	DER5	0.0144	0.0686	-0.0005	-0.0130	0.0021	-0.0001
NE+6.80	37	DER6	-0.0158	0.0677	-0.0005	-0.0128	-0.0020	0.0002
NE+6.80	37	DER7	-0.0145	-0.0590	-0.0004	0.0095	-0.0019	0.0002
NE+6.80	37	DER8	0.0157	-0.0581	-0.0004	0.0094	0.0022	-0.0001

NE+3.45	19	DER15	-0.0069	-0.0255	-0.0003	0.0084	-0.0020	-0.0001
NE+3.45	19	DER16	0.0061	-0.0259	-0.0003	0.0085	0.0018	-0.0001
NE+3.45	20	DER1	0.0218	0.0091	-0.0002	-0.0048	0.0063	0.0000
NE+3.45	20	DER2	0.0216	-0.0073	-0.0002	0.0017	0.0063	-0.0001
NE+3.45	20	DER3	-0.0218	-0.0055	-0.0003	0.0011	-0.0062	0.0000
NE+3.45	20	DER4	-0.0215	0.0109	-0.0002	-0.0054	-0.0062	0.0001
NE+3.45	20	DER5	0.0070	0.0288	-0.0002	-0.0125	0.0020	0.0001
NE+3.45	20	DER6	-0.0061	0.0294	-0.0002	-0.0127	-0.0017	0.0001
NE+3.45	20	DER7	-0.0069	-0.0252	-0.0003	0.0088	-0.0019	-0.0001
NE+3.45	20	DER8	0.0061	-0.0258	-0.0003	0.0090	0.0018	-0.0001
NE+3.45	20	DER9	0.0218	0.0084	-0.0002	-0.0043	0.0063	0.0000
NE+3.45	20	DER10	0.0216	-0.0080	-0.0002	0.0022	0.0063	-0.0001
NE+3.45	20	DER11	-0.0218	-0.0062	-0.0002	0.0015	-0.0062	0.0000
NE+3.45	20	DER12	-0.0215	0.0102	-0.0002	-0.0049	-0.0062	0.0001
NE+3.45	20	DER13	0.0070	0.0282	-0.0001	-0.0121	0.0020	0.0001
NE+3.45	20	DER14	-0.0061	0.0287	-0.0002	-0.0122	-0.0017	0.0001
NE+3.45	20	DER15	-0.0069	-0.0259	-0.0002	0.0093	-0.0019	-0.0001
NE+3.45	20	DER16	0.0061	-0.0264	-0.0002	0.0095	0.0018	-0.0001

NE+3.45	44	DER7	-0.0062	-0.0256	-0.0001	0.0089	-0.0029	-0.0001
NE+3.45	44	DER8	0.0071	-0.0263	-0.0001	0.0091	0.0016	-0.0001
NE+3.45	44	DER9	0.0221	0.0083	-0.0003	-0.0030	0.0069	0.0000
NE+3.45	44	DER10	0.0224	-0.0084	-0.0003	0.0028	0.0070	-0.0001
NE+3.45	44	DER11	-0.0221	-0.0060	-0.0001	0.0023	-0.0081	0.0000
NE+3.45	44	DER12	-0.0224	0.0107	-0.0001	-0.0036	-0.0082	0.0001
NE+3.45	44	DER13	0.0063	0.0285	-0.0004	-0.0101	0.0015	0.0001
NE+3.45	44	DER14	-0.0071	0.0292	-0.0003	-0.0103	-0.0030	0.0001
NE+3.45	44	DER15	-0.0062	-0.0263	0.0000	0.0093	-0.0027	-0.0001
NE+3.45	44	DER16	0.0071	-0.0270	-0.0001	0.0095	0.0018	-0.0001

2.4 VERIFICACIÓN DE DERIVAS UMBRAL DE DAÑO

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	13	DER1	0.011	0.008	0.005	3.35	0.013	OK	0.38
NE+3.45	13	DER1	0.005	0.004	-0.003	3.45	0.014	OK	-0.23
NE+6.80	13	DER2	0.011	0.000	0.004	3.35	0.013	OK	0.31
NE+3.45	13	DER2	0.005	0.001	-0.004	3.45	0.014	OK	-0.31
NE+6.80	13	DER3	-0.011	0.000	0.004	3.35	0.013	OK	0.32
NE+3.45	13	DER3	-0.005	0.000	-0.006	3.45	0.014	OK	-0.42
NE+6.80	13	DER4	-0.011	0.007	0.005	3.35	0.013	OK	0.39
NE+3.45	13	DER4	-0.005	0.003	-0.008	3.45	0.014	OK	-0.59
NE+6.80	13	DER5	0.003	0.017	0.007	3.35	0.013	OK	0.52
NE+3.45	13	DER5	0.002	0.007	-0.007	3.45	0.014	OK	-0.49
NE+6.80	13	DER6	-0.003	0.017	0.007	3.35	0.013	OK	0.51
NE+3.45	13	DER6	-0.001	0.007	-0.002	3.45	0.014	OK	-0.14
NE+6.80	13	DER7	-0.003	-0.009	0.004	3.35	0.013	OK	0.31
NE+3.45	13	DER7	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.28
NE+6.80	13	DER8	0.003	-0.009	0.004	3.35	0.013	OK	0.30
NE+3.45	13	DER8	0.001	-0.003	-0.006	3.45	0.014	OK	-0.45
NE+6.80	13	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.36
NE+3.45	13	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.26
NE+6.80	13	DER10	0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	13	DER10	0.005	0.000	-0.004	3.45	0.014	OK	-0.32
NE+6.80	13	DER11	-0.011	-0.002	0.004	3.35	0.013	OK	0.33
NE+3.45	13	DER11	-0.005	-0.001	-0.005	3.45	0.014	OK	-0.38
NE+6.80	13	DER12	-0.011	0.006	0.005	3.35	0.013	OK	0.36
NE+3.45	13	DER12	-0.005	0.002	-0.007	3.45	0.014	OK	-0.53
NE+6.80	13	DER13	0.003	0.015	0.006	3.35	0.013	OK	0.48
NE+3.45	13	DER13	0.002	0.006	-0.006	3.45	0.014	OK	-0.45
NE+6.80	13	DER14	-0.003	0.015	0.006	3.35	0.013	OK	0.47
NE+3.45	13	DER14	-0.001	0.006	-0.003	3.45	0.014	OK	-0.24
NE+6.80	13	DER15	-0.003	-0.011	0.005	3.35	0.013	OK	0.35
NE+3.45	13	DER15	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.32
NE+6.80	13	DER16	0.003	-0.010	0.005	3.35	0.013	OK	0.34
NE+3.45	13	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.21

0.519

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	14	DER1	0.011	0.009	0.006	3.35	0.013	OK	0.42
NE+3.45	14	DER1	0.005	0.004	-0.003	3.45	0.014	OK	-0.23
NE+6.80	14	DER2	0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	14	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.31
NE+6.80	14	DER3	-0.011	0.000	0.004	3.35	0.013	OK	0.32
NE+3.45	14	DER3	-0.005	0.000	-0.006	3.45	0.014	OK	-0.46
NE+6.80	14	DER4	-0.011	0.009	0.006	3.35	0.013	OK	0.42
NE+3.45	14	DER4	-0.005	0.003	-0.009	3.45	0.014	OK	-0.66
NE+6.80	14	DER5	0.003	0.018	0.008	3.35	0.013	OK	0.60
NE+3.45	14	DER5	0.002	0.007	-0.008	3.45	0.014	OK	-0.57
NE+6.80	14	DER6	-0.003	0.018	0.008	3.35	0.013	OK	0.59
NE+3.45	14	DER6	-0.001	0.007	-0.002	3.45	0.014	OK	-0.12
NE+6.80	14	DER7	-0.003	-0.009	0.004	3.35	0.013	OK	0.30
NE+3.45	14	DER7	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.27
NE+6.80	14	DER8	0.003	-0.009	0.004	3.35	0.013	OK	0.29
NE+3.45	14	DER8	0.001	-0.003	-0.006	3.45	0.014	OK	-0.47
NE+6.80	14	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.38
NE+3.45	14	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.25
NE+6.80	14	DER10	0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	14	DER10	0.005	0.000	-0.004	3.45	0.014	OK	-0.31
NE+6.80	14	DER11	-0.011	-0.002	0.004	3.35	0.013	OK	0.32
NE+3.45	14	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.40
NE+6.80	14	DER12	-0.011	0.007	0.005	3.35	0.013	OK	0.38
NE+3.45	14	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.59
NE+6.80	14	DER13	0.003	0.017	0.007	3.35	0.013	OK	0.53
NE+3.45	14	DER13	0.002	0.006	-0.007	3.45	0.014	OK	-0.51
NE+6.80	14	DER14	-0.003	0.016	0.007	3.35	0.013	OK	0.53
NE+3.45	14	DER14	-0.001	0.006	-0.003	3.45	0.014	OK	-0.24
NE+6.80	14	DER15	-0.003	-0.011	0.005	3.35	0.013	OK	0.35
NE+3.45	14	DER15	-0.002	-0.004	-0.005	3.45	0.014	OK	-0.33
NE+6.80	14	DER16	0.003	-0.011	0.005	3.35	0.013	OK	0.35
NE+3.45	14	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.22

0.597

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	15	DER1	0.011	0.009	0.005	3.35	0.013	OK	0.40
NE+3.45	15	DER1	0.005	0.004	-0.003	3.45	0.014	OK	-0.24
NE+6.80	15	DER2	0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	15	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.30
NE+6.80	15	DER3	-0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	15	DER3	-0.005	0.000	-0.006	3.45	0.014	OK	-0.44
NE+6.80	15	DER4	-0.011	0.008	0.005	3.35	0.013	OK	0.40
NE+3.45	15	DER4	-0.005	0.003	-0.008	3.45	0.014	OK	-0.60
NE+6.80	15	DER5	0.003	0.017	0.007	3.35	0.013	OK	0.53
NE+3.45	15	DER5	0.002	0.007	-0.007	3.45	0.014	OK	-0.50
NE+6.80	15	DER6	-0.003	0.017	0.007	3.35	0.013	OK	0.53
NE+3.45	15	DER6	-0.001	0.007	-0.001	3.45	0.014	OK	-0.08
NE+6.80	15	DER7	-0.003	-0.008	0.003	3.35	0.013	OK	0.26
NE+3.45	15	DER7	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.24
NE+6.80	15	DER8	0.003	-0.008	0.003	3.35	0.013	OK	0.26
NE+3.45	15	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.45
NE+6.80	15	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.37
NE+3.45	15	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.26
NE+6.80	15	DER10	0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	15	DER10	0.005	0.000	-0.004	3.45	0.014	OK	-0.31
NE+6.80	15	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.32
NE+3.45	15	DER11	-0.005	-0.001	-0.005	3.45	0.014	OK	-0.39
NE+6.80	15	DER12	-0.011	0.006	0.005	3.35	0.013	OK	0.37
NE+3.45	15	DER12	-0.005	0.003	-0.007	3.45	0.014	OK	-0.53
NE+6.80	15	DER13	0.003	0.015	0.006	3.35	0.013	OK	0.47
NE+3.45	15	DER13	0.002	0.007	-0.006	3.45	0.014	OK	-0.45
NE+6.80	15	DER14	-0.003	0.015	0.006	3.35	0.013	OK	0.47
NE+3.45	15	DER14	-0.001	0.006	-0.003	3.45	0.014	OK	-0.20
NE+6.80	15	DER15	-0.003	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	15	DER15	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.29
NE+6.80	15	DER16	0.003	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	15	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.22

0.531

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	16	DER1	0.011	0.009	0.006	3.35	0.013	OK	0.43
NE+3.45	16	DER1	0.005	0.004	-0.003	3.45	0.014	OK	-0.24
NE+6.80	16	DER2	0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	16	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.31
NE+6.80	16	DER3	-0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	16	DER3	-0.005	0.000	-0.006	3.45	0.014	OK	-0.46
NE+6.80	16	DER4	-0.011	0.009	0.006	3.35	0.013	OK	0.42
NE+3.45	16	DER4	-0.005	0.003	-0.009	3.45	0.014	OK	-0.67
NE+6.80	16	DER5	0.003	0.019	0.008	3.35	0.013	OK	0.60
NE+3.45	16	DER5	0.002	0.007	-0.008	3.45	0.014	OK	-0.58
NE+6.80	16	DER6	-0.003	0.019	0.008	3.35	0.013	OK	0.60
NE+3.45	16	DER6	-0.001	0.007	-0.001	3.45	0.014	OK	-0.10
NE+6.80	16	DER7	-0.003	-0.009	0.004	3.35	0.013	OK	0.28
NE+3.45	16	DER7	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.26
NE+6.80	16	DER8	0.003	-0.009	0.004	3.35	0.013	OK	0.28
NE+3.45	16	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.46
NE+6.80	16	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.39
NE+3.45	16	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.26
NE+6.80	16	DER10	0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	16	DER10	0.005	-0.001	-0.004	3.45	0.014	OK	-0.31
NE+6.80	16	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	16	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.40
NE+6.80	16	DER12	-0.011	0.007	0.005	3.35	0.013	OK	0.38
NE+3.45	16	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.60
NE+6.80	16	DER13	0.003	0.017	0.007	3.35	0.013	OK	0.54
NE+3.45	16	DER13	0.002	0.007	-0.007	3.45	0.014	OK	-0.52
NE+6.80	16	DER14	-0.003	0.017	0.007	3.35	0.013	OK	0.54
NE+3.45	16	DER14	-0.001	0.007	-0.003	3.45	0.014	OK	-0.23
NE+6.80	16	DER15	-0.003	-0.011	0.005	3.35	0.013	OK	0.34
NE+3.45	16	DER15	-0.002	-0.004	-0.005	3.45	0.014	OK	-0.33
NE+6.80	16	DER16	0.003	-0.011	0.005	3.35	0.013	OK	0.34
NE+3.45	16	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.23

0.602

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	17	DER1	0.011	0.008	0.005	3.35	0.013	OK	0.40
NE+3.45	17	DER1	0.005	0.004	-0.003	3.45	0.014	OK	-0.24
NE+6.80	17	DER2	0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	17	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.31
NE+6.80	17	DER3	-0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	17	DER3	-0.005	0.000	-0.006	3.45	0.014	OK	-0.45
NE+6.80	17	DER4	-0.011	0.008	0.005	3.35	0.013	OK	0.40
NE+3.45	17	DER4	-0.005	0.004	-0.008	3.45	0.014	OK	-0.61
NE+6.80	17	DER5	0.003	0.018	0.007	3.35	0.013	OK	0.54
NE+3.45	17	DER5	0.002	0.007	-0.007	3.45	0.014	OK	-0.52
NE+6.80	17	DER6	-0.003	0.018	0.007	3.35	0.013	OK	0.54
NE+3.45	17	DER6	-0.001	0.007	-0.001	3.45	0.014	OK	-0.08
NE+6.80	17	DER7	-0.003	-0.008	0.004	3.35	0.013	OK	0.26
NE+3.45	17	DER7	-0.002	-0.004	-0.003	3.45	0.014	OK	-0.25
NE+6.80	17	DER8	0.003	-0.008	0.004	3.35	0.013	OK	0.26
NE+3.45	17	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.44
NE+6.80	17	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.37
NE+3.45	17	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.26
NE+6.80	17	DER10	0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	17	DER10	0.005	-0.001	-0.004	3.45	0.014	OK	-0.31
NE+6.80	17	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	17	DER11	-0.005	-0.001	-0.005	3.45	0.014	OK	-0.40
NE+6.80	17	DER12	-0.011	0.007	0.005	3.35	0.013	OK	0.37
NE+3.45	17	DER12	-0.005	0.003	-0.007	3.45	0.014	OK	-0.54
NE+6.80	17	DER13	0.003	0.016	0.006	3.35	0.013	OK	0.48
NE+3.45	17	DER13	0.002	0.007	-0.006	3.45	0.014	OK	-0.46
NE+6.80	17	DER14	-0.003	0.016	0.006	3.35	0.013	OK	0.48
NE+3.45	17	DER14	-0.001	0.007	-0.003	3.45	0.014	OK	-0.19
NE+6.80	17	DER15	-0.003	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	17	DER15	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.30
NE+6.80	17	DER16	0.003	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	17	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.23

0.541

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	18	DER1	0.011	0.009	0.006	3.35	0.013	OK	0.43
NE+3.45	18	DER1	0.005	0.003	-0.003	3.45	0.014	OK	-0.24
NE+6.80	18	DER2	0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	18	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.30
NE+6.80	18	DER3	-0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	18	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.48
NE+6.80	18	DER4	-0.011	0.009	0.006	3.35	0.013	OK	0.43
NE+3.45	18	DER4	-0.005	0.004	-0.009	3.45	0.014	OK	-0.68
NE+6.80	18	DER5	0.003	0.019	0.008	3.35	0.013	OK	0.61
NE+3.45	18	DER5	0.002	0.007	-0.008	3.45	0.014	OK	-0.59
NE+6.80	18	DER6	-0.003	0.019	0.008	3.35	0.013	OK	0.61
NE+3.45	18	DER6	-0.001	0.008	-0.001	3.45	0.014	OK	-0.10
NE+6.80	18	DER7	-0.003	-0.009	0.004	3.35	0.013	OK	0.29
NE+3.45	18	DER7	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.28
NE+6.80	18	DER8	0.003	-0.009	0.004	3.35	0.013	OK	0.28
NE+3.45	18	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.45
NE+6.80	18	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.39
NE+3.45	18	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.26
NE+6.80	18	DER10	0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	18	DER10	0.005	-0.001	-0.004	3.45	0.014	OK	-0.30
NE+6.80	18	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	18	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.42
NE+6.80	18	DER12	-0.011	0.007	0.005	3.35	0.013	OK	0.39
NE+3.45	18	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.61
NE+6.80	18	DER13	0.003	0.017	0.007	3.35	0.013	OK	0.55
NE+3.45	18	DER13	0.002	0.007	-0.007	3.45	0.014	OK	-0.53
NE+6.80	18	DER14	-0.003	0.017	0.007	3.35	0.013	OK	0.55
NE+3.45	18	DER14	-0.001	0.007	-0.003	3.45	0.014	OK	-0.23
NE+6.80	18	DER15	-0.003	-0.011	0.005	3.35	0.013	OK	0.35
NE+3.45	18	DER15	-0.002	-0.005	-0.005	3.45	0.014	OK	-0.33
NE+6.80	18	DER16	0.003	-0.011	0.005	3.35	0.013	OK	0.35
NE+3.45	18	DER16	0.001	-0.005	0.003	3.45	0.014	OK	0.24

0.614

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	19	DER1	0.011	0.008	0.005	3.35	0.013	OK	0.40
NE+3.45	19	DER1	0.005	0.003	-0.003	3.45	0.014	OK	-0.24
NE+6.80	19	DER2	0.011	0.000	0.004	3.35	0.013	OK	0.31
NE+3.45	19	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.30
NE+6.80	19	DER3	-0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	19	DER3	-0.005	0.000	-0.006	3.45	0.014	OK	-0.45
NE+6.80	19	DER4	-0.010	0.009	0.005	3.35	0.013	OK	0.40
NE+3.45	19	DER4	-0.005	0.004	-0.008	3.45	0.014	OK	-0.61
NE+6.80	19	DER5	0.003	0.018	0.007	3.35	0.013	OK	0.54
NE+3.45	19	DER5	0.002	0.008	-0.007	3.45	0.014	OK	-0.53

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	20	DER1	0.011	0.009	0.006	3.35	0.013	OK	0.42
NE+3.45	20	DER1	0.005	0.003	-0.003	3.45	0.014	OK	-0.25
NE+6.80	20	DER2	0.011	0.000	0.004	3.35	0.013	OK	0.32
NE+3.45	20	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.30
NE+6.80	20	DER3	-0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	20	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.48
NE+6.80	20	DER4	-0.010	0.010	0.006	3.35	0.013	OK	0.43
NE+3.45	20	DER4	-0.005	0.004	-0.010	3.45	0.014	OK	-0.69
NE+6.80	20	DER5	0.003	0.019	0.008	3.35	0.013	OK	0.61
NE+3.45	20	DER5	0.002	0.008	-0.008	3.45	0.014	OK	-0.60

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	21	DER1	0.011	0.008	0.005	3.35	0.013	OK	0.39
NE+3.45	21	DER1	0.005	0.003	-0.003	3.45	0.014	OK	-0.25
NE+6.80	21	DER2	0.011	-0.001	0.004	3.35	0.013	OK	0.32
NE+3.45	21	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.30
NE+6.80	21	DER3	-0.011	0.000	0.004	3.35	0.013	OK	0.31
NE+3.45	21	DER3	-0.005	0.000	-0.006	3.45	0.014	OK	-0.45
NE+6.80	21	DER4	-0.010	0.009	0.005	3.35	0.013	OK	0.39
NE+3.45	21	DER4	-0.005	0.004	-0.009	3.45	0.014	OK	-0.62
NE+6.80	21	DER5	0.004	0.018	0.007	3.35	0.013	OK	0.54
NE+3.45	21	DER5	0.002	0.008	-0.007	3.45	0.014	OK	-0.53

NE+6.80	19	DER6	-0.003	0.018	0.007	3.35	0.013	OK	0.54
NE+3.45	19	DER6	-0.001	0.008	-0.001	3.45	0.014	OK	-0.08
NE+6.80	19	DER7	-0.003	-0.009	0.004	3.35	0.013	OK	0.27
NE+3.45	19	DER7	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.26
NE+6.80	19	DER8	0.003	-0.009	0.004	3.35	0.013	OK	0.27
NE+3.45	19	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.42
NE+6.80	19	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.37
NE+3.45	19	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.27
NE+6.80	19	DER10	0.011	-0.001	0.004	3.35	0.013	OK	0.32
NE+3.45	19	DER10	0.005	-0.001	-0.004	3.45	0.014	OK	-0.30
NE+6.80	19	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	19	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.40
NE+6.80	19	DER12	-0.010	0.007	0.005	3.35	0.013	OK	0.37
NE+3.45	19	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.55
NE+6.80	19	DER13	0.003	0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	19	DER13	0.002	0.007	-0.007	3.45	0.014	OK	-0.48
NE+6.80	19	DER14	-0.003	0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	19	DER14	-0.001	0.007	-0.003	3.45	0.014	OK	-0.20
NE+6.80	19	DER15	-0.003	-0.010	0.004	3.35	0.013	OK	0.32
NE+3.45	19	DER15	-0.002	-0.005	-0.004	3.45	0.014	OK	-0.31
NE+6.80	19	DER16	0.003	-0.011	0.004	3.35	0.013	OK	0.32
NE+3.45	19	DER16	0.001	-0.005	0.003	3.45	0.014	OK	0.24

0.542

NE+6.80	20	DER6	-0.003	0.019	0.008	3.35	0.013	OK	0.62
NE+3.45	20	DER6	-0.001	0.008	-0.002	3.45	0.014	OK	-0.12
NE+6.80	20	DER7	-0.003	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	20	DER7	-0.002	-0.004	-0.004	3.45	0.014	OK	-0.31
NE+6.80	20	DER8	0.003	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	20	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.43
NE+6.80	20	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.38
NE+3.45	20	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.27
NE+6.80	20	DER10	0.011	-0.002	0.004	3.35	0.013	OK	0.32
NE+3.45	20	DER10	0.005	-0.001	-0.004	3.45	0.014	OK	-0.30
NE+6.80	20	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	20	DER11	-0.005	0.000	-0.006	3.45	0.014	OK	-0.42
NE+6.80	20	DER12	-0.010	0.008	0.005	3.35	0.013	OK	0.39
NE+3.45	20	DER12	-0.005	0.003	-0.009	3.45	0.014	OK	-0.62
NE+6.80	20	DER13	0.003	0.017	0.007	3.35	0.013	OK	0.56
NE+3.45	20	DER13	0.002	0.007	-0.008	3.45	0.014	OK	-0.55
NE+6.80	20	DER14	-0.003	0.018	0.008	3.35	0.013	OK	0.56
NE+3.45	20	DER14	-0.001	0.007	-0.003	3.45	0.014	OK	-0.24
NE+6.80	20	DER15	-0.003	-0.011	0.005	3.35	0.013	OK	0.37
NE+3.45	20	DER15	-0.002	-0.005	-0.005	3.45	0.014	OK	-0.36
NE+6.80	20	DER16	0.003	-0.012	0.005	3.35	0.013	OK	0.37
NE+3.45	20	DER16	0.001	-0.005	0.003	3.45	0.014	OK	0.25

0.617

NE+6.80	21	DER6	-0.003	0.018	0.007	3.35	0.013	OK	0.54
NE+3.45	21	DER6	-0.001	0.008	-0.002	3.45	0.014	OK	-0.13
NE+6.80	21	DER7	-0.003	-0.010	0.004	3.35	0.013	OK	0.32
NE+3.45	21	DER7	-0.002	-0.004	-0.005	3.45	0.014	OK	-0.33
NE+6.80	21	DER8	0.003	-0.010	0.004	3.35	0.013	OK	0.33
NE+3.45	21	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.41
NE+6.80	21	DER9	0.011	0.006	0.005	3.35	0.013	OK	0.37
NE+3.45	21	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.28
NE+6.80	21	DER10	0.011	-0.002	0.004	3.35	0.013	OK	0.33
NE+3.45	21	DER10	0.005	-0.001	-0.004	3.45	0.014	OK	-0.30
NE+6.80	21	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	21	DER11	-0.005	0.000	-0.006	3.45	0.014	OK	-0.40
NE+6.80	21	DER12	-0.010	0.007	0.005	3.35	0.013	OK	0.37
NE+3.45	21	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.57
NE+6.80	21	DER13	0.004	0.016	0.007	3.35	0.013	OK	0.50
NE+3.45	21	DER13	0.002	0.007	-0.007	3.45	0.014	OK	-0.50
NE+6.80	21	DER14	-0.003	0.017	0.007	3.35	0.013	OK	0.51
NE+3.45	21	DER14	-0.001	0.007	-0.003	3.45	0.014	OK	-0.24
NE+6.80	21	DER15	-0.003	-0.012	0.005	3.35	0.013	OK	0.36
NE+3.45	21	DER15	-0.002	-0.005	-0.005	3.45	0.014	OK	-0.37
NE+6.80	21	DER16	0.003	-0.012	0.005	3.35	0.013	OK	0.37
NE+3.45	21	DER16	0.001	-0.005	0.004	3.45	0.014	OK	0.26

0.544

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	24	DER1	0.011	0.008	0.005	3.35	0.013	OK	0.40
NE+3.45	24	DER1	0.005	0.004	-0.004	3.45	0.014	OK	-0.26
NE+6.80	24	DER2	0.011	0.000	0.004	3.35	0.013	OK	0.33
NE+3.45	24	DER2	0.005	0.001	-0.004	3.45	0.014	OK	-0.32
NE+6.80	24	DER3	-0.011	0.000	0.004	3.35	0.013	OK	0.33
NE+3.45	24	DER3	-0.005	0.000	-0.006	3.45	0.014	OK	-0.43
NE+6.80	24	DER4	-0.011	0.007	0.005	3.35	0.013	OK	0.40
NE+3.45	24	DER4	-0.005	0.003	-0.008	3.45	0.014	OK	-0.58
NE+6.80	24	DER5	0.003	0.017	0.007	3.35	0.013	OK	0.52
NE+3.45	24	DER5	0.001	0.007	-0.007	3.45	0.014	OK	-0.50
NE+6.80	24	DER6	-0.003	0.017	0.007	3.35	0.013	OK	0.52
NE+3.45	24	DER6	-0.001	0.007	-0.002	3.45	0.014	OK	-0.13
NE+6.80	24	DER7	-0.003	-0.009	0.004	3.35	0.013	OK	0.31
NE+3.45	24	DER7	-0.001	-0.004	-0.004	3.45	0.014	OK	-0.29
NE+6.80	24	DER8	0.003	-0.009	0.004	3.35	0.013	OK	0.30
NE+3.45	24	DER8	0.001	-0.003	-0.007	3.45	0.014	OK	-0.47
NE+6.80	24	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.38
NE+3.45	24	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.28
NE+6.80	24	DER10	0.011	-0.001	0.004	3.35	0.013	OK	0.33
NE+3.45	24	DER10	0.005	0.000	-0.005	3.45	0.014	OK	-0.33
NE+6.80	24	DER11	-0.011	-0.002	0.005	3.35	0.013	OK	0.34
NE+3.45	24	DER11	-0.005	-0.001	-0.005	3.45	0.014	OK	-0.39
NE+6.80	24	DER12	-0.011	0.006	0.005	3.35	0.013	OK	0.38
NE+3.45	24	DER12	-0.005	0.002	-0.007	3.45	0.014	OK	-0.53
NE+6.80	24	DER13	0.003	0.015	0.006	3.35	0.013	OK	0.48
NE+3.45	24	DER13	0.001	0.006	-0.006	3.45	0.014	OK	-0.46
NE+6.80	24	DER14	-0.003	0.015	0.006	3.35	0.013	OK	0.48
NE+3.45	24	DER14	-0.001	0.006	-0.003	3.45	0.014	OK	-0.24
NE+6.80	24	DER15	-0.003	-0.011	0.005	3.35	0.013	OK	0.35
NE+3.45	24	DER15	-0.001	-0.004	-0.005	3.45	0.014	OK	-0.33
NE+6.80	24	DER16	0.003	-0.010	0.005	3.35	0.013	OK	0.34
NE+3.45	24	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.21

0.521

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	26	DER1	0.011	0.009	0.006	3.35	0.013	OK	0.42
NE+3.45	26	DER1	0.005	0.004	-0.004	3.45	0.014	OK	-0.26
NE+6.80	26	DER2	0.011	0.001	0.004	3.35	0.013	OK	0.33
NE+3.45	26	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.32
NE+6.80	26	DER3	-0.011	0.001	0.004	3.35	0.013	OK	0.33
NE+3.45	26	DER3	-0.005	0.000	-0.006	3.45	0.014	OK	-0.45
NE+6.80	26	DER4	-0.011	0.008	0.006	3.35	0.013	OK	0.41
NE+3.45	26	DER4	-0.005	0.003	-0.008	3.45	0.014	OK	-0.60
NE+6.80	26	DER5	0.003	0.017	0.007	3.35	0.013	OK	0.53
NE+3.45	26	DER5	0.001	0.007	-0.007	3.45	0.014	OK	-0.51
NE+6.80	26	DER6	-0.003	0.017	0.007	3.35	0.013	OK	0.53
NE+3.45	26	DER6	-0.001	0.007	-0.001	3.45	0.014	OK	-0.08
NE+6.80	26	DER7	-0.003	-0.008	0.003	3.35	0.013	OK	0.26
NE+3.45	26	DER7	-0.001	-0.004	-0.003	3.45	0.014	OK	-0.24
NE+6.80	26	DER8	0.003	-0.008	0.003	3.35	0.013	OK	0.26
NE+3.45	26	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.46
NE+6.80	26	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.39
NE+3.45	26	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.28
NE+6.80	26	DER10	0.011	-0.001	0.004	3.35	0.013	OK	0.33
NE+3.45	26	DER10	0.005	0.000	-0.004	3.45	0.014	OK	-0.32
NE+6.80	26	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.33
NE+3.45	26	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.41
NE+6.80	26	DER12	-0.011	0.006	0.005	3.35	0.013	OK	0.38
NE+3.45	26	DER12	-0.005	0.003	-0.007	3.45	0.014	OK	-0.53
NE+6.80	26	DER13	0.003	0.016	0.006	3.35	0.013	OK	0.48
NE+3.45	26	DER13	0.001	0.007	-0.006	3.45	0.014	OK	-0.46
NE+6.80	26	DER14	-0.003	0.015	0.006	3.35	0.013	OK	0.48
NE+3.45	26	DER14	-0.001	0.006	-0.003	3.45	0.014	OK	-0.20
NE+6.80	26	DER15	-0.003	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	26	DER15	-0.001	-0.004	-0.004	3.45	0.014	OK	-0.29
NE+6.80	26	DER16	0.003	-0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	26	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.22

0.532

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	28	DER1	0.011	0.009	0.006	3.35	0.013	OK	0.42
NE+3.45	28	DER1	0.005	0.004	-0.004	3.45	0.014	OK	-0.26
NE+6.80	28	DER2	0.011	0.001	0.004	3.35	0.013	OK	0.33
NE+3.45	28	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.32
NE+6.80	28	DER3	-0.011	0.001	0.004	3.35	0.013	OK	0.33
NE+3.45	28	DER3	-0.005	0.000	-0.006	3.45	0.014	OK	-0.47
NE+6.80	28	DER4	-0.011	0.009	0.006	3.35	0.013	OK	0.42
NE+3.45	28	DER4	-0.005	0.004	-0.008	3.45	0.014	OK	-0.61
NE+6.80	28	DER5	0.003	0.018	0.007	3.35	0.013	OK	0.54
NE+3.45	28	DER5	0.001	0.007	-0.007	3.45	0.014	OK	-0.53
NE+6.80	28	DER6	-0.003	0.018	0.007	3.35	0.013	OK	0.54
NE+3.45	28	DER6	-0.001	0.007	-0.001	3.45	0.014	OK	-0.08
NE+6.80	28	DER7	-0.003	-0.008	0.003	3.35	0.013	OK	0.26
NE+3.45	28	DER7	-0.001	-0.004	-0.003	3.45	0.014	OK	-0.25
NE+6.80	28	DER8	0.003	-0.008	0.003	3.35	0.013	OK	0.26
NE+3.45	28	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.45
NE+6.80	28	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.39
NE+3.45	28	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.28
NE+6.80	28	DER10	0.011	-0.001	0.004	3.35	0.013	OK	0.33
NE+3.45	28	DER10	0.005	-0.001	-0.004	3.45	0.014	OK	-0.32
NE+6.80	28	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.33
NE+3.45	28	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.41
NE+6.80	28	DER12	-0.011	0.007	0.005	3.35	0.013	OK	0.39
NE+3.45	28	DER12	-0.005	0.003	-0.007	3.45	0.014	OK	-0.54
NE+6.80	28	DER13	0.003	0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	28	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.47
NE+6.80	28	DER14	-0.003	0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	28	DER14	-0.001	0.007	-0.003	3.45	0.014	OK	-0.19
NE+6.80	28	DER15	-0.003	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	28	DER15	-0.001	-0.004	-0.004	3.45	0.014	OK	-0.30
NE+6.80	28	DER16	0.003	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	28	DER16	0.001	-0.004	0.003	3.45	0.014	OK	0.23

0.542

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	30	DER1	0.011	0.008	0.006	3.35	0.013	OK	0.42
NE+3.45	30	DER1	0.005	0.003	-0.004	3.45	0.014	OK	-0.27
NE+6.80	30	DER2	0.011	0.000	0.004	3.35	0.013	OK	0.33
NE+3.45	30	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.32
NE+6.80	30	DER3	-0.011	0.001	0.004	3.35	0.013	OK	0.33
NE+3.45	30	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.47
NE+6.80	30	DER4	-0.011	0.009	0.006	3.35	0.013	OK	0.42
NE+3.45	30	DER4	-0.005	0.004	-0.008	3.45	0.014	OK	-0.62
NE+6.80	30	DER5	0.003	0.018	0.007	3.35	0.013	OK	0.55
NE+3.45	30	DER5	0.001	0.008	-0.007	3.45	0.014	OK	-0.54
NE+6.80	30	DER6	-0.003	0.018	0.007	3.35	0.013	OK	0.55
NE+3.45	30	DER6	-0.001	0.008	-0.001	3.45	0.014	OK	-0.07
NE+6.80	30	DER7	-0.003	-0.009	0.004	3.35	0.013	OK	0.26
NE+3.45	30	DER7	-0.001	-0.004	-0.004	3.45	0.014	OK	-0.27
NE+6.80	30	DER8	0.003	-0.009	0.004	3.35	0.013	OK	0.27
NE+3.45	30	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.44
NE+6.80	30	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.39
NE+3.45	30	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.29
NE+6.80	30	DER10	0.011	-0.001	0.004	3.35	0.013	OK	0.34
NE+3.45	30	DER10	0.005	-0.001	-0.004	3.45	0.014	OK	-0.31
NE+6.80	30	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.32
NE+3.45	30	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.42
NE+6.80	30	DER12	-0.011	0.007	0.005	3.35	0.013	OK	0.39
NE+3.45	30	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.55
NE+6.80	30	DER13	0.003	0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	30	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.49
NE+6.80	30	DER14	-0.003	0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	30	DER14	-0.001	0.007	-0.003	3.45	0.014	OK	-0.19
NE+6.80	30	DER15	-0.003	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	30	DER15	-0.001	-0.005	-0.004	3.45	0.014	OK	-0.32
NE+6.80	30	DER16	0.003	-0.011	0.004	3.35	0.013	OK	0.33
NE+3.45	30	DER16	0.001	-0.005	0.003	3.45	0.014	OK	0.24

0.548

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	32	DER1	0.011	0.008	0.005	3.35	0.013	OK	0.41
NE+3.45	32	DER1	0.005	0.003	-0.004	3.45	0.014	OK	-0.27
NE+6.80	32	DER2	0.011	-0.001	0.004	3.35	0.013	OK	0.34
NE+3.45	32	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.32
NE+6.80	32	DER3	-0.011	0.000	0.004	3.35	0.013	OK	0.33
NE+3.45	32	DER3	-0.005	0.000	-0.006	3.45	0.014	OK	-0.47
NE+6.80	32	DER4	-0.011	0.009	0.006	3.35	0.013	OK	0.41
NE+3.45	32	DER4	-0.005	0.004	-0.009	3.45	0.014	OK	-0.62
NE+6.80	32	DER5	0.003	0.018	0.007	3.35	0.013	OK	0.54
NE+3.45	32	DER5	0.001	0.008	-0.007	3.45	0.014	OK	-0.54
NE+6.80	32	DER6	-0.003	0.018	0.007	3.35	0.013	OK	0.55
NE+3.45	32	DER6	-0.001	0.008	-0.002	3.45	0.014	OK	-0.13
NE+6.80	32	DER7	-0.003	-0.010	0.004	3.35	0.013	OK	0.33
NE+3.45	32	DER7	-0.001	-0.004	-0.005	3.45	0.014	OK	-0.33
NE+6.80	32	DER8	0.003	-0.010	0.004	3.35	0.013	OK	0.33
NE+3.45	32	DER8	0.001	-0.004	-0.006	3.45	0.014	OK	-0.42
NE+6.80	32	DER9	0.011	0.006	0.005	3.35	0.013	OK	0.38
NE+3.45	32	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.30
NE+6.80	32	DER10	0.011	-0.002	0.005	3.35	0.013	OK	0.34
NE+3.45	32	DER10	0.005	-0.001	-0.004	3.45	0.014	OK	-0.31
NE+6.80	32	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.33
NE+3.45	32	DER11	-0.005	0.000	-0.006	3.45	0.014	OK	-0.42
NE+6.80	32	DER12	-0.011	0.007	0.005	3.35	0.013	OK	0.38
NE+3.45	32	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.56
NE+6.80	32	DER13	0.003	0.016	0.007	3.35	0.013	OK	0.50
NE+3.45	32	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.50
NE+6.80	32	DER14	-0.003	0.017	0.007	3.35	0.013	OK	0.51
NE+3.45	32	DER14	-0.001	0.007	-0.003	3.45	0.014	OK	-0.23
NE+6.80	32	DER15	-0.003	-0.011	0.005	3.35	0.013	OK	0.36
NE+3.45	32	DER15	-0.001	-0.005	-0.005	3.45	0.014	OK	-0.37
NE+6.80	32	DER16	0.003	-0.012	0.005	3.35	0.013	OK	0.37
NE+3.45	32	DER16	0.001	-0.005	0.004	3.45	0.014	OK	0.26

0.546

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	36	DER1	0.011	0.008	0.005	3.35	0.013	OK	0.39
NE+3.45	36	DER1	0.005	0.004	-0.003	3.45	0.014	OK	-0.24
NE+6.80	36	DER2	0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	36	DER2	0.005	0.001	-0.004	3.45	0.014	OK	-0.30
NE+6.80	36	DER3	-0.011	0.000	0.004	3.35	0.013	OK	0.32
NE+3.45	36	DER3	-0.005	0.000	-0.006	3.45	0.014	OK	-0.43
NE+6.80	36	DER4	-0.011	0.007	0.005	3.35	0.013	OK	0.39
NE+3.45	36	DER4	-0.005	0.003	-0.008	3.45	0.014	OK	-0.58
NE+6.80	36	DER5	0.003	0.017	0.007	3.35	0.013	OK	0.52
NE+3.45	36	DER5	0.001	0.007	-0.007	3.45	0.014	OK	-0.50
NE+6.80	36	DER6	-0.003	0.017	0.007	3.35	0.013	OK	0.52
NE+3.45	36	DER6	-0.002	0.007	-0.002	3.45	0.014	OK	-0.13
NE+6.80	36	DER7	-0.003	-0.009	0.004	3.35	0.013	OK	0.30
NE+3.45	36	DER7	-0.001	-0.004	-0.004	3.45	0.014	OK	-0.29
NE+6.80	36	DER8	0.003	-0.009	0.004	3.35	0.013	OK	0.30
NE+3.45	36	DER8	0.002	-0.003	-0.006	3.45	0.014	OK	-0.45
NE+6.80	36	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.37
NE+3.45	36	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.26
NE+6.80	36	DER10	0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	36	DER10	0.005	0.000	-0.004	3.45	0.014	OK	-0.31
NE+6.80	36	DER11	-0.011	-0.002	0.004	3.35	0.013	OK	0.32
NE+3.45	36	DER11	-0.005	-0.001	-0.005	3.45	0.014	OK	-0.39
NE+6.80	36	DER12	-0.011	0.006	0.005	3.35	0.013	OK	0.37
NE+3.45	36	DER12	-0.005	0.002	-0.007	3.45	0.014	OK	-0.52
NE+6.80	36	DER13	0.003	0.015	0.006	3.35	0.013	OK	0.48
NE+3.45	36	DER13	0.001	0.006	-0.006	3.45	0.014	OK	-0.46
NE+6.80	36	DER14	-0.004	0.015	0.006	3.35	0.013	OK	0.48
NE+3.45	36	DER14	-0.002	0.006	-0.003	3.45	0.014	OK	-0.23
NE+6.80	36	DER15	-0.003	-0.011	0.005	3.35	0.013	OK	0.35
NE+3.45	36	DER15	-0.001	-0.004	-0.005	3.45	0.014	OK	-0.33
NE+6.80	36	DER16	0.003	-0.010	0.005	3.35	0.013	OK	0.34
NE+3.45	36	DER16	0.002	-0.004	0.003	3.45	0.014	OK	0.22

0.525

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	37	DER1	0.011	0.009	0.006	3.35	0.013	OK	0.43
NE+3.45	37	DER1	0.005	0.004	-0.003	3.45	0.014	OK	-0.25
NE+6.80	37	DER2	0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	37	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.30
NE+6.80	37	DER3	-0.011	0.000	0.004	3.35	0.013	OK	0.31
NE+3.45	37	DER3	-0.005	0.000	-0.006	3.45	0.014	OK	-0.46
NE+6.80	37	DER4	-0.011	0.009	0.006	3.35	0.013	OK	0.42
NE+3.45	37	DER4	-0.005	0.003	-0.009	3.45	0.014	OK	-0.65
NE+6.80	37	DER5	0.003	0.018	0.008	3.35	0.013	OK	0.60
NE+3.45	37	DER5	0.001	0.007	-0.008	3.45	0.014	OK	-0.57
NE+6.80	37	DER6	-0.003	0.018	0.008	3.35	0.013	OK	0.59
NE+3.45	37	DER6	-0.002	0.007	-0.002	3.45	0.014	OK	-0.11

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	38	DER1	0.011	0.009	0.006	3.35	0.013	OK	0.41
NE+3.45	38	DER1	0.005	0.004	-0.003	3.45	0.014	OK	-0.25
NE+6.80	38	DER2	0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	38	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.30
NE+6.80	38	DER3	-0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	38	DER3	-0.005	0.000	-0.006	3.45	0.014	OK	-0.45
NE+6.80	38	DER4	-0.011	0.008	0.005	3.35	0.013	OK	0.40
NE+3.45	38	DER4	-0.005	0.003	-0.008	3.45	0.014	OK	-0.60
NE+6.80	38	DER5	0.003	0.017	0.007	3.35	0.013	OK	0.54
NE+3.45	38	DER5	0.001	0.007	-0.007	3.45	0.014	OK	-0.52
NE+6.80	38	DER6	-0.003	0.017	0.007	3.35	0.013	OK	0.54
NE+3.45	38	DER6	-0.002	0.007	-0.001	3.45	0.014	OK	-0.07

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	39	DER1	0.011	0.009	0.006	3.35	0.013	OK	0.43
NE+3.45	39	DER1	0.005	0.004	-0.003	3.45	0.014	OK	-0.25
NE+6.80	39	DER2	0.011	0.001	0.004	3.35	0.013	OK	0.32
NE+3.45	39	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.30
NE+6.80	39	DER3	-0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	39	DER3	-0.005	0.000	-0.006	3.45	0.014	OK	-0.47
NE+6.80	39	DER4	-0.011	0.009	0.006	3.35	0.013	OK	0.42
NE+3.45	39	DER4	-0.005	0.003	-0.009	3.45	0.014	OK	-0.66
NE+6.80	39	DER5	0.003	0.019	0.008	3.35	0.013	OK	0.60
NE+3.45	39	DER5	0.001	0.007	-0.008	3.45	0.014	OK	-0.58
NE+6.80	39	DER6	-0.003	0.019	0.008	3.35	0.013	OK	0.60
NE+3.45	39	DER6	-0.002	0.007	-0.001	3.45	0.014	OK	-0.10

NE+6.80	37	DER7	-0.003	-0.009	0.004	3.45	0.013	OK	0.29
NE+3.45	37	DER7	-0.001	-0.004	-0.004	3.45	0.014	OK	-0.28
NE+6.80	37	DER8	0.003	-0.009	0.004	3.35	0.013	OK	0.29
NE+3.45	37	DER8	0.002	-0.003	-0.006	3.45	0.014	OK	-0.47
NE+6.80	37	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.39
NE+3.45	37	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.26
NE+6.80	37	DER10	0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	37	DER10	0.005	0.000	-0.004	3.45	0.014	OK	-0.31
NE+6.80	37	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.32
NE+3.45	37	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.40
NE+6.80	37	DER12	-0.011	0.007	0.005	3.35	0.013	OK	0.38
NE+3.45	37	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.58
NE+6.80	37	DER13	0.003	0.017	0.007	3.35	0.013	OK	0.54
NE+3.45	37	DER13	0.001	0.006	-0.007	3.45	0.014	OK	-0.52
NE+6.80	37	DER14	-0.003	0.016	0.007	3.35	0.013	OK	0.54
NE+3.45	37	DER14	-0.002	0.006	-0.003	3.45	0.014	OK	-0.23
NE+6.80	37	DER15	-0.003	-0.011	0.005	3.35	0.013	OK	0.35
NE+3.45	37	DER15	-0.001	-0.004	-0.005	3.45	0.014	OK	-0.33
NE+6.80	37	DER16	0.003	-0.010	0.005	3.35	0.013	OK	0.34
NE+3.45	37	DER16	0.002	-0.004	0.003	3.45	0.014	OK	0.22

0.597

NE+6.80	38	DER7	-0.003	-0.008	0.003	3.35	0.013	OK	0.25
NE+3.45	38	DER7	-0.001	-0.004	-0.003	3.45	0.014	OK	-0.24
NE+6.80	38	DER8	0.003	-0.008	0.003	3.35	0.013	OK	0.25
NE+3.45	38	DER8	0.002	-0.004	-0.006	3.45	0.014	OK	-0.45
NE+6.80	38	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.37
NE+3.45	38	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.27
NE+6.80	38	DER10	0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	38	DER10	0.005	0.000	-0.004	3.45	0.014	OK	-0.30
NE+6.80	38	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	38	DER11	-0.005	-0.001	-0.005	3.45	0.014	OK	-0.40
NE+6.80	38	DER12	-0.011	0.006	0.005	3.35	0.013	OK	0.37
NE+3.45	38	DER12	-0.005	0.003	-0.007	3.45	0.014	OK	-0.53
NE+6.80	38	DER13	0.003	0.016	0.006	3.35	0.013	OK	0.48
NE+3.45	38	DER13	0.001	0.007	-0.006	3.45	0.014	OK	-0.46
NE+6.80	38	DER14	-0.003	0.015	0.006	3.35	0.013	OK	0.48
NE+3.45	38	DER14	-0.002	0.006	-0.003	3.45	0.014	OK	-0.19
NE+6.80	38	DER15	-0.003	-0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	38	DER15	-0.001	-0.004	-0.004	3.45	0.014	OK	-0.29
NE+6.80	38	DER16	0.003	-0.010	0.004	3.35	0.013	OK	0.30
NE+3.45	38	DER16	0.002	-0.004	0.003	3.45	0.014	OK	0.23

0.537

NE+6.80	39	DER7	-0.003	-0.009	0.004	3.35	0.013	OK	0.28
NE+3.45	39	DER7	-0.001	-0.004	-0.004	3.45	0.014	OK	-0.27
NE+6.80	39	DER8	0.003	-0.009	0.004	3.35	0.013	OK	0.28
NE+3.45	39	DER8	0.002	-0.004	-0.006	3.45	0.014	OK	-0.46
NE+6.80	39	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.39
NE+3.45	39	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.27
NE+6.80	39	DER10	0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	39	DER10	0.005	-0.001	-0.004	3.45	0.014	OK	-0.30
NE+6.80	39	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	39	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.42
NE+6.80	39	DER12	-0.011	0.007	0.005	3.35	0.013	OK	0.39
NE+3.45	39	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.59
NE+6.80	39	DER13	0.003	0.017	0.007	3.35	0.013	OK	0.54
NE+3.45	39	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.52
NE+6.80	39	DER14	-0.003	0.017	0.007	3.35	0.013	OK	0.54
NE+3.45	39	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.22
NE+6.80	39	DER15	-0.003	-0.011	0.005	3.35	0.013	OK	0.34
NE+3.45	39	DER15	-0.001	-0.004	-0.005	3.45	0.014	OK	-0.33
NE+6.80	39	DER16	0.003	-0.011	0.005	3.35	0.013	OK	0.34
NE+3.45	39	DER16	0.002	-0.004	0.003	3.45	0.014	OK	0.23

0.603

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	40	DER1	0.011	0.009	0.005	3.35	0.013	OK	0.41
NE+3.45	40	DER1	0.005	0.004	-0.003	3.45	0.014	OK	-0.25
NE+6.80	40	DER2	0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	40	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.30
NE+6.80	40	DER3	-0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	40	DER3	-0.005	0.000	-0.006	3.45	0.014	OK	-0.45
NE+6.80	40	DER4	-0.011	0.009	0.005	3.35	0.013	OK	0.40
NE+3.45	40	DER4	-0.005	0.004	-0.008	3.45	0.014	OK	-0.61
NE+6.80	40	DER5	0.003	0.018	0.007	3.35	0.013	OK	0.55
NE+3.45	40	DER5	0.001	0.007	-0.007	3.45	0.014	OK	-0.53
NE+6.80	40	DER6	-0.003	0.018	0.007	3.35	0.013	OK	0.55
NE+3.45	40	DER6	-0.002	0.007	-0.001	3.45	0.014	OK	-0.07
NE+6.80	40	DER7	-0.003	-0.008	0.003	3.35	0.013	OK	0.25
NE+3.45	40	DER7	-0.001	-0.004	-0.003	3.45	0.014	OK	-0.25
NE+6.80	40	DER8	0.003	-0.008	0.003	3.35	0.013	OK	0.26
NE+3.45	40	DER8	0.002	-0.004	-0.006	3.45	0.014	OK	-0.44
NE+6.80	40	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.38
NE+3.45	40	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.27
NE+6.80	40	DER10	0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	40	DER10	0.005	-0.001	-0.004	3.45	0.014	OK	-0.30
NE+6.80	40	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	40	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.40
NE+6.80	40	DER12	-0.011	0.007	0.005	3.35	0.013	OK	0.37
NE+3.45	40	DER12	-0.005	0.003	-0.007	3.45	0.014	OK	-0.53
NE+6.80	40	DER13	0.003	0.016	0.006	3.35	0.013	OK	0.48
NE+3.45	40	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.47
NE+6.80	40	DER14	-0.003	0.016	0.006	3.35	0.013	OK	0.48
NE+3.45	40	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.18
NE+6.80	40	DER15	-0.003	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	40	DER15	-0.001	-0.004	-0.004	3.45	0.014	OK	-0.30
NE+6.80	40	DER16	0.003	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	40	DER16	0.002	-0.004	0.003	3.45	0.014	OK	0.24

0.546

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	41	DER1	0.011	0.009	0.006	3.35	0.013	OK	0.43
NE+3.45	41	DER1	0.005	0.003	-0.004	3.45	0.014	OK	-0.25
NE+6.80	41	DER2	0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	41	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.30
NE+6.80	41	DER3	-0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	41	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.48
NE+6.80	41	DER4	-0.011	0.009	0.006	3.35	0.013	OK	0.43
NE+3.45	41	DER4	-0.005	0.004	-0.009	3.45	0.014	OK	-0.67
NE+6.80	41	DER5	0.003	0.019	0.008	3.35	0.013	OK	0.61
NE+3.45	41	DER5	0.001	0.007	-0.008	3.45	0.014	OK	-0.60
NE+6.80	41	DER6	-0.003	0.019	0.008	3.35	0.013	OK	0.61
NE+3.45	41	DER6	-0.002	0.008	-0.001	3.45	0.014	OK	-0.09
NE+6.80	41	DER7	-0.003	-0.009	0.004	3.35	0.013	OK	0.28
NE+3.45	41	DER7	-0.001	-0.004	-0.004	3.45	0.014	OK	-0.28
NE+6.80	41	DER8	0.003	-0.009	0.004	3.35	0.013	OK	0.28
NE+3.45	41	DER8	0.002	-0.004	-0.006	3.45	0.014	OK	-0.44
NE+6.80	41	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.39
NE+3.45	41	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.27
NE+6.80	41	DER10	0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	41	DER10	0.005	-0.001	-0.004	3.45	0.014	OK	-0.29
NE+6.80	41	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	41	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.42
NE+6.80	41	DER12	-0.011	0.008	0.005	3.35	0.013	OK	0.39
NE+3.45	41	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.60
NE+6.80	41	DER13	0.003	0.017	0.007	3.35	0.013	OK	0.55
NE+3.45	41	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.54
NE+6.80	41	DER14	-0.003	0.017	0.007	3.35	0.013	OK	0.55
NE+3.45	41	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.22
NE+6.80	41	DER15	-0.003	-0.011	0.005	3.35	0.013	OK	0.34
NE+3.45	41	DER15	-0.001	-0.005	-0.005	3.45	0.014	OK	-0.34
NE+6.80	41	DER16	0.003	-0.011	0.005	3.35	0.013	OK	0.35
NE+3.45	41	DER16	0.002	-0.005	0.003	3.45	0.014	OK	0.24

0.613

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	42	DER1	0.011	0.008	0.006	3.35	0.013	OK	0.41
NE+3.45	42	DER1	0.005	0.003	-0.004	3.45	0.014	OK	-0.25
NE+6.80	42	DER2	0.011	0.000	0.004	3.35	0.013	OK	0.31
NE+3.45	42	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.30
NE+6.80	42	DER3	-0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	42	DER3	-0.005	0.000	-0.006	3.45	0.014	OK	-0.46
NE+6.80	42	DER4	-0.011	0.009	0.005	3.35	0.013	OK	0.41
NE+3.45	42	DER4	-0.005	0.004	-0.008	3.45	0.014	OK	-0.61
NE+6.80	42	DER5	0.003	0.018	0.007	3.35	0.013	OK	0.55
NE+3.45	42	DER5	0.001	0.008	-0.007	3.45	0.014	OK	-0.54
NE+6.80	42	DER6	-0.003	0.018	0.007	3.35	0.013	OK	0.55
NE+3.45	42	DER6	-0.002	0.008	-0.001	3.45	0.014	OK	-0.07
NE+6.80	42	DER7	-0.003	-0.009	0.003	3.35	0.013	OK	0.26
NE+3.45	42	DER7	-0.001	-0.004	-0.004	3.45	0.014	OK	-0.27
NE+6.80	42	DER8	0.003	-0.009	0.004	3.35	0.013	OK	0.26
NE+3.45	42	DER8	0.002	-0.004	-0.006	3.45	0.014	OK	-0.43
NE+6.80	42	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.38
NE+3.45	42	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.28
NE+6.80	42	DER10	0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	42	DER10	0.005	-0.001	-0.004	3.45	0.014	OK	-0.29
NE+6.80	42	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	42	DER11	-0.005	-0.001	-0.006	3.45	0.014	OK	-0.41
NE+6.80	42	DER12	-0.011	0.007	0.005	3.35	0.013	OK	0.38
NE+3.45	42	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.55
NE+6.80	42	DER13	0.003	0.016	0.007	3.35	0.013	OK	0.50
NE+3.45	42	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.49
NE+6.80	42	DER14	-0.003	0.016	0.007	3.35	0.013	OK	0.49
NE+3.45	42	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.19
NE+6.80	42	DER15	-0.003	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	42	DER15	-0.001	-0.005	-0.004	3.45	0.014	OK	-0.32
NE+6.80	42	DER16	0.003	-0.010	0.004	3.35	0.013	OK	0.32
NE+3.45	42	DER16	0.002	-0.005	0.003	3.45	0.014	OK	0.25

0.551

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	43	DER1	0.011	0.009	0.006	3.35	0.013	OK	0.43
NE+3.45	43	DER1	0.005	0.003	-0.004	3.45	0.014	OK	-0.26
NE+6.80	43	DER2	0.011	0.000	0.004	3.35	0.013	OK	0.32
NE+3.45	43	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.30
NE+6.80	43	DER3	-0.011	0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	43	DER3	-0.005	0.000	-0.007	3.45	0.014	OK	-0.49
NE+6.80	43	DER4	-0.011	0.010	0.006	3.35	0.013	OK	0.43
NE+3.45	43	DER4	-0.005	0.004	-0.009	3.45	0.014	OK	-0.68
NE+6.80	43	DER5	0.003	0.019	0.008	3.35	0.013	OK	0.62
NE+3.45	43	DER5	0.001	0.008	-0.008	3.45	0.014	OK	-0.61
NE+6.80	43	DER6	-0.003	0.020	0.008	3.35	0.013	OK	0.62
NE+3.45	43	DER6	-0.002	0.008	-0.002	3.45	0.014	OK	-0.11
NE+6.80	43	DER7	-0.003	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	43	DER7	-0.001	-0.004	-0.004	3.45	0.014	OK	-0.31
NE+6.80	43	DER8	0.003	-0.010	0.004	3.35	0.013	OK	0.31
NE+3.45	43	DER8	0.002	-0.004	-0.006	3.45	0.014	OK	-0.43
NE+6.80	43	DER9	0.011	0.007	0.005	3.35	0.013	OK	0.39
NE+3.45	43	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.28
NE+6.80	43	DER10	0.011	-0.002	0.004	3.35	0.013	OK	0.32
NE+3.45	43	DER10	0.005	-0.001	-0.004	3.45	0.014	OK	-0.29
NE+6.80	43	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	43	DER11	-0.005	0.000	-0.006	3.45	0.014	OK	-0.43
NE+6.80	43	DER12	-0.011	0.008	0.005	3.35	0.013	OK	0.39
NE+3.45	43	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.61
NE+6.80	43	DER13	0.003	0.018	0.008	3.35	0.013	OK	0.56
NE+3.45	43	DER13	0.001	0.007	-0.008	3.45	0.014	OK	-0.56
NE+6.80	43	DER14	-0.003	0.018	0.008	3.35	0.013	OK	0.57
NE+3.45	43	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.23
NE+6.80	43	DER15	-0.003	-0.011	0.005	3.35	0.013	OK	0.37
NE+3.45	43	DER15	-0.001	-0.005	-0.005	3.45	0.014	OK	-0.37
NE+6.80	43	DER16	0.003	-0.012	0.005	3.35	0.013	OK	0.37
NE+3.45	43	DER16	0.002	-0.005	0.003	3.45	0.014	OK	0.25

0.622

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	44	DER1	0.011	0.008	0.005	3.35	0.013	OK	0.40
NE+3.45	44	DER1	0.005	0.003	-0.004	3.45	0.014	OK	-0.26
NE+6.80	44	DER2	0.011	-0.001	0.004	3.35	0.013	OK	0.32
NE+3.45	44	DER2	0.005	0.000	-0.004	3.45	0.014	OK	-0.29
NE+6.80	44	DER3	-0.011	0.000	0.004	3.35	0.013	OK	0.31
NE+3.45	44	DER3	-0.005	0.000	-0.006	3.45	0.014	OK	-0.46
NE+6.80	44	DER4	-0.011	0.009	0.005	3.35	0.013	OK	0.40
NE+3.45	44	DER4	-0.005	0.004	-0.009	3.45	0.014	OK	-0.62
NE+6.80	44	DER5	0.003	0.018	0.007	3.35	0.013	OK	0.55
NE+3.45	44	DER5	0.001	0.008	-0.007	3.45	0.014	OK	-0.54
NE+6.80	44	DER6	-0.003	0.018	0.007	3.35	0.013	OK	0.55
NE+3.45	44	DER6	-0.002	0.008	-0.002	3.45	0.014	OK	-0.12
NE+6.80	44	DER7	-0.003	-0.010	0.004	3.35	0.013	OK	0.32
NE+3.45	44	DER7	-0.001	-0.004	-0.005	3.45	0.014	OK	-0.33
NE+6.80	44	DER8	0.004	-0.010	0.004	3.35	0.013	OK	0.33
NE+3.45	44	DER8	0.002	-0.004	-0.006	3.45	0.014	OK	-0.41
NE+6.80	44	DER9	0.011	0.006	0.005	3.35	0.013	OK	0.38
NE+3.45	44	DER9	0.005	0.003	-0.004	3.45	0.014	OK	-0.29
NE+6.80	44	DER10	0.011	-0.002	0.004	3.35	0.013	OK	0.32
NE+3.45	44	DER10	0.005	-0.001	-0.004	3.45	0.014	OK	-0.29
NE+6.80	44	DER11	-0.011	-0.001	0.004	3.35	0.013	OK	0.31
NE+3.45	44	DER11	-0.005	0.000	-0.006	3.45	0.014	OK	-0.41
NE+6.80	44	DER12	-0.011	0.007	0.005	3.35	0.013	OK	0.37
NE+3.45	44	DER12	-0.005	0.003	-0.008	3.45	0.014	OK	-0.56
NE+6.80	44	DER13	0.003	0.017	0.007	3.35	0.013	OK	0.51
NE+3.45	44	DER13	0.001	0.007	-0.007	3.45	0.014	OK	-0.50
NE+6.80	44	DER14	-0.003	0.017	0.007	3.35	0.013	OK	0.51
NE+3.45	44	DER14	-0.002	0.007	-0.003	3.45	0.014	OK	-0.23
NE+6.80	44	DER15	-0.003	-0.011	0.005	3.35	0.013	OK	0.36
NE+3.45	44	DER15	-0.001	-0.005	-0.005	3.45	0.014	OK	-0.37
NE+6.80	44	DER16	0.004	-0.012	0.005	3.35	0.013	OK	0.37
NE+3.45	44	DER16	0.002	-0.005	0.004	3.45	0.014	OK	0.26

0.550

2.4.1 DESPLAZAMIENTOS NUDOS UMBRAL DE DAÑO

Story	Label	Output Case	Ux m	Uy m	Uz m	Rx rad	Ry rad	Rz rad
NE+6.80	13	DER1	0.0105	0.0081	-0.0002	0.0001	0.0001	0.0001
NE+6.80	13	DER2	0.0105	0.0004	-0.0003	0.0013	0.0001	0.0001
NE+6.80	13	DER3	-0.0108	-0.0004	-0.0003	0.0014	-0.0030	0.0000
NE+6.80	13	DER4	-0.0107	0.0073	-0.0003	0.0002	-0.0030	0.0000
NE+6.80	13	DER5	0.0032	0.0168	-0.0002	-0.0013	-0.0009	0.0000
NE+6.80	13	DER6	-0.0031	0.0165	-0.0003	-0.0013	-0.0019	0.0000
NE+6.80	13	DER7	-0.0034	-0.0091	-0.0003	0.0029	-0.0020	0.0001
NE+6.80	13	DER8	0.0029	-0.0089	-0.0003	0.0028	-0.0010	0.0001

Story	Label	Output Case	Ux m	Uy m	Uz m	Rx rad	Ry rad	Rz rad
NE+6.80	37	DER9	0.0106	0.0074	-0.0003	-0.0023	0.0015	-0.0001
NE+6.80	37	DER10	0.0107	-0.0007	-0.0003	-0.0009	0.0015	-0.0001
NE+6.80	37	DER11	-0.0108	-0.0014	-0.0003	-0.0008	-0.0014	0.0001
NE+6.80	37	DER12	-0.0108	0.0067	-0.0003	-0.0022	-0.0014	0.0001
NE+6.80	37	DER13	0.0030	0.0166	-0.0003	-0.0039	0.0005	0.0000
NE+6.80	37	DER14	-0.0034	0.0164	-0.0003	-0.0039	-0.0004	0.0000
NE+6.80	37	DER15	-0.0031	-0.0106	-0.0003	0.0009	-0.0004	0.0000
NE+6.80	37	DER16	0.0033	-0.0104	-0.0003	0.0008	0.0005	0.0000

Story	Label	Output Case	Ux m	Uy m	Uz m	Rx rad	Ry rad	Rz rad
NE+3.45	21	DER1	0.0047	0.0033	-0.0002	-0.0016	0.0010	0.0000
NE+3.45	21	DER2	0.0046	-0.0002	-0.0002	-0.0003	0.0010	0.0000
NE+3.45	21	DER3	-0.0046	0.0003	-0.0002	-0.0004	-0.0022	0.0000
NE+3.45	21	DER4	-0.0046	0.0038	-0.0001	-0.0017	-0.0022	0.0000
NE+3.45	21	DER5	0.0015	0.0077	-0.0002	-0.0031	-0.0001	0.0000
NE+3.45	21	DER6	-0.0013	0.0078	-0.0001	-0.0031	-0.0010	0.0000
NE+3.45	21	DER7	-0.0015	-0.0040	-0.0002	0.0011	-0.0011	0.0000
NE+3.45	21	DER8	0.0013	-0.0042	-0.0002	0.0011	-0.0001	0.0000

NE+6.80	13	DER9	0.0105	0.0066	-0.0002	0.0003	0.0002	0.0001
NE+6.80	13	DER10	0.0105	-0.0011	-0.0002	0.0015	0.0002	0.0001
NE+6.80	13	DER11	-0.0108	-0.0019	-0.0003	0.0016	-0.0030	0.0000
NE+6.80	13	DER12	-0.0107	0.0058	-0.0003	0.0004	-0.0029	0.0000
NE+6.80	13	DER13	0.0032	0.0153	-0.0002	-0.0012	-0.0009	0.0000
NE+6.80	13	DER14	-0.0031	0.0151	-0.0002	-0.0011	-0.0018	0.0000
NE+6.80	13	DER15	-0.0034	-0.0106	-0.0003	0.0030	-0.0019	0.0001
NE+6.80	13	DER16	0.0029	-0.0103	-0.0003	0.0030	-0.0009	0.0001
NE+6.80	14	DER1	0.0106	0.0091	-0.0003	-0.0003	0.0015	0.0001
NE+6.80	14	DER2	0.0105	0.0010	-0.0003	0.0012	0.0015	0.0001
NE+6.80	14	DER3	-0.0107	0.0004	-0.0003	0.0012	-0.0014	0.0000
NE+6.80	14	DER4	-0.0106	0.0085	-0.0003	-0.0002	-0.0014	0.0000
NE+6.80	14	DER5	0.0032	0.0184	-0.0003	-0.0019	0.0005	0.0001
NE+6.80	14	DER6	-0.0031	0.0182	-0.0003	-0.0019	-0.0004	0.0000
NE+6.80	14	DER7	-0.0034	-0.0089	-0.0003	0.0029	-0.0004	0.0000
NE+6.80	14	DER8	0.0030	-0.0087	-0.0003	0.0029	0.0005	0.0001
NE+6.80	14	DER9	0.0106	0.0073	-0.0003	0.0001	0.0015	0.0001
NE+6.80	14	DER10	0.0105	-0.0008	-0.0003	0.0015	0.0015	0.0001
NE+6.80	14	DER11	-0.0107	-0.0015	-0.0003	0.0015	-0.0014	0.0000
NE+6.80	14	DER12	-0.0106	0.0067	-0.0003	0.0001	-0.0014	0.0000
NE+6.80	14	DER13	0.0032	0.0165	-0.0003	-0.0016	0.0005	0.0000
NE+6.80	14	DER14	-0.0031	0.0163	-0.0003	-0.0016	-0.0004	0.0000
NE+6.80	14	DER15	-0.0034	-0.0107	-0.0003	0.0032	-0.0004	0.0000
NE+6.80	14	DER16	0.0030	-0.0105	-0.0003	0.0032	0.0005	0.0000
NE+6.80	15	DER1	0.0106	0.0085	-0.0003	0.0000	0.0014	0.0001
NE+6.80	15	DER2	0.0105	0.0009	-0.0003	0.0012	0.0014	0.0001
NE+6.80	15	DER3	-0.0106	0.0005	-0.0003	0.0013	-0.0015	-0.0001
NE+6.80	15	DER4	-0.0106	0.0080	-0.0003	0.0001	-0.0015	-0.0001
NE+6.80	15	DER5	0.0033	0.0172	-0.0002	-0.0013	0.0004	0.0000
NE+6.80	15	DER6	-0.0031	0.0170	-0.0002	-0.0013	-0.0004	0.0000
NE+6.80	15	DER7	-0.0033	-0.0082	-0.0003	0.0026	-0.0005	0.0000
NE+6.80	15	DER8	0.0030	-0.0081	-0.0003	0.0026	0.0004	0.0000
NE+6.80	15	DER9	0.0106	0.0068	-0.0002	0.0003	0.0014	0.0001
NE+6.80	15	DER10	0.0105	-0.0008	-0.0003	0.0015	0.0014	0.0001
NE+6.80	15	DER11	-0.0106	-0.0013	-0.0002	0.0015	-0.0015	-0.0001
NE+6.80	15	DER12	-0.0106	0.0063	-0.0002	0.0003	-0.0015	-0.0001
NE+6.80	15	DER13	0.0033	0.0154	-0.0002	-0.0011	0.0004	0.0000
NE+6.80	15	DER14	-0.0031	0.0153	-0.0002	-0.0011	-0.0004	0.0000
NE+6.80	15	DER15	-0.0033	-0.0099	-0.0003	0.0029	-0.0005	0.0000
NE+6.80	15	DER16	0.0030	-0.0098	-0.0003	0.0029	0.0004	0.0000
NE+6.80	16	DER1	0.0106	0.0092	-0.0003	-0.0003	0.0014	0.0001
NE+6.80	16	DER2	0.0105	0.0010	-0.0003	0.0011	0.0014	0.0001
NE+6.80	16	DER3	-0.0106	0.0007	-0.0003	0.0011	-0.0014	-0.0001
NE+6.80	16	DER4	-0.0105	0.0089	-0.0003	-0.0003	-0.0014	-0.0001
NE+6.80	16	DER5	0.0033	0.0186	-0.0003	-0.0019	0.0004	0.0000
NE+6.80	16	DER6	-0.0030	0.0186	-0.0003	-0.0019	-0.0004	0.0000
NE+6.80	16	DER7	-0.0033	-0.0087	-0.0003	0.0028	-0.0004	0.0000
NE+6.80	16	DER8	0.0030	-0.0087	-0.0003	0.0027	0.0004	0.0000
NE+6.80	16	DER9	0.0106	0.0073	-0.0003	0.0000	0.0014	0.0001
NE+6.80	16	DER10	0.0105	-0.0009	-0.0003	0.0014	0.0014	0.0001
NE+6.80	16	DER11	-0.0106	-0.0012	-0.0003	0.0015	-0.0014	-0.0001
NE+6.80	16	DER12	-0.0105	0.0070	-0.0003	0.0001	-0.0014	-0.0001
NE+6.80	16	DER13	0.0033	0.0168	-0.0003	-0.0016	0.0004	0.0000
NE+6.80	16	DER14	-0.0030	0.0167	-0.0003	-0.0016	-0.0004	0.0000
NE+6.80	16	DER15	-0.0033	-0.0106	-0.0003	0.0031	-0.0004	0.0000
NE+6.80	16	DER16	0.0030	-0.0106	-0.0003	0.0031	0.0004	0.0000
NE+6.80	17	DER1	0.0106	0.0084	-0.0003	0.0000	0.0014	0.0001
NE+6.80	17	DER2	0.0105	0.0007	-0.0003	0.0012	0.0014	0.0001
NE+6.80	17	DER3	-0.0106	0.0007	-0.0003	0.0012	-0.0014	-0.0001
NE+6.80	17	DER4	-0.0105	0.0084	-0.0003	0.0000	-0.0014	-0.0001
NE+6.80	17	DER5	0.0033	0.0175	-0.0002	-0.0014	0.0004	0.0000
NE+6.80	17	DER6	-0.0030	0.0175	-0.0002	-0.0014	-0.0004	0.0000
NE+6.80	17	DER7	-0.0033	-0.0084	-0.0003	0.0026	-0.0004	-0.0001
NE+6.80	17	DER8	0.0031	-0.0084	-0.0003	0.0026	0.0004	0.0000
NE+6.80	17	DER9	0.0106	0.0067	-0.0002	0.0003	0.0014	0.0001
NE+6.80	17	DER10	0.0105	-0.0011	-0.0003	0.0015	0.0014	0.0001
NE+6.80	17	DER11	-0.0106	-0.0011	-0.0002	0.0015	-0.0014	-0.0001
NE+6.80	17	DER12	-0.0105	0.0067	-0.0002	0.0003	-0.0014	-0.0001
NE+6.80	17	DER13	0.0033	0.0157	-0.0002	-0.0011	0.0004	0.0001
NE+6.80	17	DER14	-0.0030	0.0157	-0.0002	-0.0011	-0.0004	0.0000
NE+6.80	17	DER15	-0.0033	-0.0101	-0.0003	0.0029	-0.0004	0.0000
NE+6.80	17	DER16	0.0031	-0.0101	-0.0003	0.0029	0.0004	0.0000
NE+6.80	18	DER1	0.0107	0.0091	-0.0003	-0.0003	0.0014	0.0001
NE+6.80	18	DER2	0.0106	0.0007	-0.0003	0.0011	0.0014	0.0001
NE+6.80	18	DER3	-0.0105	0.0009	-0.0003	0.0011	-0.0014	-0.0001
NE+6.80	18	DER4	-0.0105	0.0093	-0.0003	-0.0003	-0.0014	-0.0001
NE+6.80	18	DER5	0.0034	0.0190	-0.0003	-0.0020	0.0004	0.0000
NE+6.80	18	DER6	-0.0030	0.0190	-0.0003	-0.0020	-0.0004	0.0000
NE+6.80	18	DER7	-0.0032	-0.0090	-0.0003	0.0028	-0.0004	-0.0001
NE+6.80	18	DER8	0.0031	-0.0090	-0.0003	0.0028	0.0004	0.0000
NE+6.80	18	DER9	0.0107	0.0072	-0.0003	0.0000	0.0014	0.0001
NE+6.80	18	DER10	0.0106	-0.0012	-0.0003	0.0015	0.0014	0.0001
NE+6.80	18	DER11	-0.0105	-0.0010	-0.0003	0.0014	-0.0014	-0.0001
NE+6.80	18	DER12	-0.0105	0.0074	-0.0003	0.0000	-0.0014	-0.0001
NE+6.80	18	DER13	0.0034	0.0171	-0.0003	-0.0016	0.0004	0.0000
NE+6.80	18	DER14	-0.0030	0.0171	-0.0003	-0.0016	-0.0004	0.0000
NE+6.80	18	DER15	-0.0032	-0.0109	-0.0003	0.0031	-0.0004	-0.0001
NE+6.80	18	DER16	0.0031	-0.0109	-0.0003	0.0031	0.0004	0.0000
NE+6.80	19	DER1	0.0107	0.0083	-0.0003	0.0000	0.0015	0.0001
NE+6.80	19	DER2	0.0106	0.0003	-0.0003	0.0013	0.0015	0.0000
NE+6.80	19	DER3	-0.0105	0.0007	-0.0003	0.0012	-0.0014	-0.0001
NE+6.80	19	DER4	-0.0104	0.0087	-0.0003	0.0000	-0.0014	-0.0001
NE+6.80	19	DER5	0.0034	0.0177	-0.0002	-0.0014	0.0005	0.0000
NE+6.80	19	DER6	-0.0029	0.0178	-0.0002	-0.0014	-0.0004	0.0000
NE+6.80	19	DER7	-0.0032	-0.0087	-0.0003	0.0027	-0.0004	-0.0001
NE+6.80	19	DER8	0.0031	-0.0088	-0.0003	0.0027	0.0005	0.0000
NE+6.80	19	DER9	0.0107	0.0066	-0.0002	0.0003	0.0015	0.0001
NE+6.80	19	DER10	0.0106	-0.0014	-0.0003	0.0015	0.0015	0.0000
NE+6.80	19	DER11	-0.0105	-0.0010	-0.0002	0.0015	-0.0014	-0.0001
NE+6.80	19	DER12	-0.0104	0.0070	-0.0002	0.0003	-0.0014	-0.0001
NE+6.80	19	DER13	0.0034	0.0160	-0.0002	-0.0011	0.0005	0.0001
NE+6.80	19	DER14	-0.0030	0.0161	-0.0002	-0.0011	-0.0004	0.0000
NE+6.80	19	DER15	-0.0032	-0.0104	-0.0003	0.0029	-0.0004	-0.0001
NE+6.80	19	DER16	0.0031	-0.0105	-0.0003	0.0029	0.0005	0.0000
NE+6.80	20	DER1	0.0107	0.0088	-0.0003	-0.0003	0.0014	0.0000
NE+6.80	20	DER2	0.0107	0.0001	-0.0003	0.0012	0.0014	0.0000
NE+6.80	20	DER3	-0.0105	0.0008	-0.0003	0.0012	-0.0015	-0.0001
NE+6.80	20	DER4	-0.0104	0.0095	-0.0003	-0.0003	-0.0015	-0.0001
NE+6.80	20	DER5	0.0034	0.0192	-0.0003	-0.0020	0.0004	0.0000
NE+6.80	20	DER6	-0.0029	0.0194	-0.0003	-0.0020	-0.0005	0.0000
NE+6.80	20	DER7	-0.0032	-0.0096	-0.0003	0.0030	-0.0005	-0.0001
NE+6.80	20	DER8	0.0032	-0.0098	-0.0003	0.0030	0.0004	-0.0001
NE+6.80	20	DER9	0.0107	0.0070	-0.0003	0.0001	0.0014	0.0001
NE+6.80	20	DER10	0.0107	-0.0017	-0.0003	0.0015	0.0014	0.0000
NE+6.80	20	DER11	-0.0105	-0.0010	-0.0003	0.0015	-0.0015	-0.0001
NE+6.80	20	DER12	-0.0104	0.0077	-0.0003	0.0000	-0.0015	-0.0001
NE+6.80	20	DER13	0.0034	0.0174	-0.0003	-0.0017	0.0004	0.0000
NE+6.80	20	DER14	-0.0029	0.0176	-0.0003	-0.0017	-0.0005	0.0000
NE+6.80	20	DER15	-0.0032	-0.0114	-0.0003	0.0033	-0.0005	-0.0001
NE+6.80	20	DER16	0.0032	-0.0116	-0.0003	0.0033	0.0004	-0.0001
NE+6.80	21	DER1	0.0108	0.0077	-0.0003	0.0001	0.0030	0.0000
NE+6.80	21	DER2	0.0107	-0.0007	-0.0003	0.0014	0.0030	0.0000

NE+6.80	38	DER1	0.0107	0.0086	-0.0004	-0.0023	0.0014	-0.0001
NE+6.80	38	DER2	0.0107	0.0010	-0.0004	-0.0011	0.0014	-0.0001
NE+6.80	38	DER3	-0.0107	0.0006	-0.0004	-0.0011	-0.0015	0.0001
NE+6.80	38	DER4	-0.0108	0.0082	-0.0004	-0.0023	-0.0015	0.0001
NE+6.80	38	DER5	0.0031	0.0173	-0.0004	-0.0037	0.0004	0.0000
NE+6.80	38	DER6	-0.0034	0.0172	-0.0004	-0.0037	-0.0005	0.0001
NE+6.80	38	DER7	-0.0031	-0.0081	-0.0003	0.0003	-0.0004	0.0000
NE+6.80	38	DER8	0.0033	-0.0080	-0.0003	0.0003	0.0004	0.0000
NE+6.80	38	DER9	0.0106	0.0069	-0.0003	-0.0022	0.0014	-0.0001
NE+6.80	38	DER10	0.0107	-0.0007	-0.0003	-0.0010	0.0014	-0.0001
NE+6.80	38	DER11	-0.0107	-0.0011	-0.0003	-0.0009	-0.0015	0.0001
NE+6.80	38	DER12	-0.0108	0.0064	-0.0003	-0.0021	-0.0015	0.0001
NE+6.80	38	DER13	0.0030	0.0156	-0.0003	-0.0035	0.0004	0.0000
NE+6.80	38	DER14	-0.0034	0.0154	-0.0003	-0.0035	-0.0005	0.0001
NE+6.80	38	DER15	-0.0031	-0.0098	-0.0003	0.0004	-0.0004	0.0000
NE+6.80	38	DER16	0.0033	-0.0097	-0.0003	0.0004	0.0004	0.0000
NE+6.80	39	DER1	0.0107	0.0092	-0.0004	-0.0025	0.0014	-0.0001
NE+6.80	39	DER2	0.0108	0.0010	-0.0004	-0.0011	0.0014	-0.0001
NE+6.80	39	DER3	-0.0107	0.0008	-0.0004	-0.0011	-0.0014	0.0001
NE+6.80	39	DER4	-0.0107	0.0090	-0.0004	-0.0025	-0.0014	0.0001
NE+6.80	39	DER5	0.0031	0.0187	-0.0004	-0.0041	0.0004	0.0000
NE+6.80	39	DER6	-0.0033	0.0186	-0.0004	-0.0041	-0.0004	0.0001
NE+6.80	39	DER7	-0.0031	-0.0087	-0.0004	0.0006	-0.0004	0.0000
NE+6.80	39	DER8	0.0033	-0.0086	-0.0004	0.0006	0.0004	-0.0001
NE+6.80	39	DER9	0.0107	0.0073	-0.0003	-0.0023	0.0014	-0.0001
NE+6.80	39	DER10	0.0107	-0.0009	-0.0003	-0.0009	0.0014	-0.0001
NE+6.80	39	DER11	-0.0107	-0.0011	-0.0003	-0.0009	-0.0014	0.0001
NE+6.80	39	DER12	-0.0108	0.0071	-0.0003	-0.0023	-0.0014	0.0001
NE+6.80	39	DER13	0.0031	0.0168	-0.0003	-0.0039	0.0004	0.0000
NE+6.80	39	DER14	-0.0034	0.0167	-0.0003	-0.0039	-0.0004	0.0001
NE+6.80	39	DER15	-0.0031	-0.0106	-0.0003	0.0008	-0.0004	0.0000
NE+6.80	39	DER16	0.0033	-0.0105	-0.0003	0.0007	0.0004	-0.0001
NE+6.80	40	DER1	0.0107	0.0085	-0.0004	-0.0023	0.0014	-0.0001
NE+6.80	40	DER2	0.0108	0.0008	-0.0004	-0.0011	0.0014	-0.0001
NE+6.80	40	DER3	-0.0106	0.0008	-0.0004	-0.0011	-0.0014	0.0001
NE+6.80	40	DER4	-0.0107	0.0085	-0.0004	-0.0023	-0.0014	0.0001
NE+6.80	40	DER5	0.0031	0.0176	-0.0004	-0.0037	0.0004	0.0000
NE+6.80	40	DER6	-0.0033	0.0176	-0.0004	-0.0037	-0.0004	0.0001
NE+6.80	40	DER7	-0.0031	-0.0082	-0.0003	0.0003	-0.0004	0.0000
NE+6.80	40	DER8	0.0034	-0.0082	-0.0003	0.0003	0.0004	-0.0001
NE+6.80	40	DER9	0.0107	0.0068	-0.0003	-0.0021	0.0014	-0.0001
NE+6.80	40	DER10	0.0108	-0.0009	-0.0003	-0.0010	0.0015	-0.0001
NE+6.80	40	DER11	-0.0107	-0.0009	-0.0003	-0.0010	-0.0014	0.0001
NE+6.80	40	DER12	-0.0107	0.0068	-0.0003	-0.0021	-0.0014	0.0001
NE+6.80	40	DER13	0.0031	0.0158	-0.0003	-0.0035	0.0004	0.0000
NE+6.80	40	DER14	-0.0033	0.0158	-0.0003	-0.0035	-0.0004	0.0001
NE+6.80	40	DER15	-0.0031	-0.0100	-0.0003	0.0004	-0.0004	0.0000
NE+6.80	40	DER16	0.0034	-0.0100	-0.0003	0.0004	0.0004	-0.0001
NE+6.80	41	DER1	0.0107	0.0091	-0.0004	-0.0025	0.0014	-0.0001
NE+6.80	41	DER2	0.0108	0.0007	-0.0004	-0.0011	0.0015	-0.0001
NE+6.80	41	DER3	-0.0106	0.0010	-0.0004	-0.0011	-0.0014	0.0001
NE+6.80	41	DER4	-0.0107	0.0094	-0.0004	-0.0025	-0.0014	0.0001
NE+6.80	41	DER5	0.0031	0.0190	-0.0004	-0.0042	0.0004	0.0000
NE+6.80	41	DER6	-0.0033	0.0191	-0.0004	-0.0042	-0.0004	0.0001
NE+6.80	41	DER7	-0.0030	-0.0089	-0.0004	0.0006	-0.0004	0.0000
NE+6.80	41	DER8	0.0034	-0.0090	-0.0004	0.0006	0.0004	-0.0001
NE+6.80	41	DER9	0.0107	0.0072	-0.0003	-0.0023	0.0014	-0.0001
NE+6.80	41	DER10	0.0108	-0.0012	-0.0003	-0.0009	0.0014	-0.0001
NE+6.80	41	DER11	-0.0106	-0.0009	-0.0003	-0.0009	-0.0014	0.0001
NE+6.80	41	DER12	-0.0107	0.0075	-0.0003	-0.0023	-0.0014	0.0001
NE+6.80	41	DER13	0.0031	0.0171	-0.0003	-0.0040	0.0004	0.0000
NE+6.80	41	DER14	-0.0033	0.0172	-0.0003	-0.0040	-0.0004	0.0001
NE+6.80	41	DER15	-0.0030	-0.0108	-0.0003	0.0008	-0.0004	0.0000
NE+6.80	41	DER16	0.0034	-0.0109	-0.0003	0.0008	0.0004	-0.0001
NE+6.80	42	DER1	0.0108	0.0084	-0.0004	-0.0023	0.0015	-0.0001
NE+6.80	42	DER2	0.0108	0.0004	-0.0004	-0.0011	0.0015	-0.0001
NE+6.80	42	DER3	-0.0106	0.0009	-0.0004	-0.0011	-0.0014	0.0001
NE+6.80	42	DER4	-0.0107	0.0088	-0.0004	-0.0023	-0.0014	0.0001
NE+6.80	42	DER5	0.0032	0.0178	-0.0004	-0.0037	0.0005	0.0000
NE+6.80	42	DER6	-0.0033	0.0180	-0.0004	-0.0037	-0.0004	0.0001
NE+6.80	42	DER7	-0.0030	-0.0086	-0.0003	0.0003	-0.0004	0.0000
NE+6.80	42	DER8	0.0034	-0.0087	-0.0003	0.0003	0.0005	-0.0001
NE+6.80	42	DER9	0.0108	0.0067	-0.0003	-0.0021	0.0015	-0.0001
NE+6.80	42	DER10	0.0108	-0.0013	-0.0003	-0.0009	0.0015	-0.0001
NE+6.80	42	DER11	-0.0106	-0.0009	-0.0003	-0.0010	-0.0014	0.0001
NE+6.80	42	DER12	-0.0107	0.0071	-0.0003	-0.0022	-0.0014	0.0001
NE+6.80	42	DER13	0.0032	0.0161	-0.0003	-0.0036	0.0005	0.0000
NE+6.80	42	DER14	-0.0033	0.0162	-0.0003	-0.0036	-0.0004	0.0001
NE+6.80	42	DER15	-0.0030	-0.0103	-0.0003	0.0005	-0.0004	0.0000
NE+6.80	42	DER16	0.0034	-0.0104	-0.0003	0.0005	0.0005	-0.0001
NE+6.80	43	DER1	0.0108	0.0089	-0.0004	-0.0024	0.0014	-0.0001
NE+6.80	43	DER2	0.0109	0.0002	-0.0004	-0.0009	0.0014	-0.0001
NE+6.80	43	DER3	-0.0106	0.0008	-0.0004	-0.0010	-0.0015	0.0001
NE+6.80	43	DER4	-0.0107	0.0095	-0.0004	-0.0025	-0.0015	0.0001
NE+6.80	43	DER5	0.0032	0.0193	-0.0004	-0.0042	0.0003	0.0000
NE+6.80	43	DER6	-0.0032	0.0195	-0.0004	-0.0042	-0.0005	0.0001
NE+6.80	43	DER7	-0.0030	-0.0096	-0.0004	0.0008	-0.0005	0.0000
NE+6.80	43	DER8	0.0034	-0.0098	-0.0004	0.0008	0.0004	-0.0001
NE+6.80	43	DER9	0.0108	0.0071	-0.0003	-0.0023	0.0014	-0.0001
NE+6.80	43	DER10	0.0109	-0.0016	-0.0003	-0.0008	0.0014	-0.0001
NE+6.80	43	DER11	-0.0106	-0.0010	-0.0003	-0.0008	-0.0015	0.0001
NE+6.80	43	DER12	-0.0107	0.0077	-0.0003	-0.0023	-0.0015	0.0001
NE+6.80	43	DER13	0.0032	0.0175	-0.0003	-0.0040	0.0004	0.0000
NE+6.80	43	DER14	-0.0032	0.0177	-0.0003	-0.0041	-0.0005	0.0001
NE+6.80	43	DER15	-0.0030	-0.0114	-0.0003	0.0009	-0.0005	0.0000
NE+6.80	43	DER16	0.0034	-0.0116	-0.0003	0.0009	0.0004	-0.0001
NE+6.80	44	DER1	0.0109	0.0078	-0.0004	-0.0023	0.0031	-0.0001
NE+6.80	44	DER2	0.0109	-0.0006	-0.0004	-0.0010	0.0031	-0.0002
NE+6.80	44	DER3	-0.0106	0.0002	-0.0003	-0.0010	-0.0001	0.0000
NE+6.80	44	DER4	-0.0107	0.0086	-0.0003	-0.0023	0.0000	0.0001
NE+6.80	44	DER5	0.0032	0.0180	-0.0004	-0.0038	0.0020	0.0000
NE+6.80	44	DER6	-0.0032	0.0182	-0.0004	-0.0038	0.0011	0.0001
NE+6.80	44	DER7	-0.0030	-0.0099	-0.0003	0.0006	0.0010	-0.0001
NE+6.80	44	DER8	0.0035	-0.0102	-0.0003	0.0006	0.0020	-0.0002
NE+6.80	44	DER9	0.0109	0.0064	-0.0003	-0.0021	0.0030	-0.0001
NE+6.80	44	DER10	0.0109	-0.0021	-0.0003	-0.0008	0.0030	-0.0002
NE+6.80	44	DER11	-0.0106	-0.0013	-0.0003	-0.0008	-0.0002	0.0000
NE+6.80	44	DER12	-0.0107	0.0072	-0.0003	-0.0021	-0.0002	0.0001
NE+6.80	44	DER13	0.0032	0.0165	-0.0003	-0.0036	0.0019	0.0000
NE+6.80	44	DER14	-0.0032	0.0167	-0.0003	-0.0036	0.0010	0.0001
NE+6.80	44	DER15	-0.0030	-0.0114	-0.0003	0.0007	0.0009	-0.0001
NE+6.80	44	DER16	0.0035	-0.0116	-0.0003	0.0007	0.0018	-0.0001
NE+3.45	13	DER1	0.0047	0.0036	-0.0001	-0.0016	0.0022	0.0000
NE+3.45	13	DER2	0.0046	0.0005	-0.0002	-0.0005	0.0022	0.0000
NE+3.45	13	DER3	-0.0046	0.0000	-0.0002	-0.0004	-0.0010	0.0000
NE+3.45	13	DER4	-0.0046	0.0031	-0.0002	-0.0015	-0.0010	0.0000
NE+3.45	13	DER5	0.0015	0.0070	-0.0001	-0.0029	0.0011	0.0000
NE+3.45	13	DER6	-0.0013	0.0069	-0.0002	-0.0029	0.0002	0.0000
NE+3.45	13	DER7	-0.0015	-0.0035	-0.0002	0.0009	0.0001	0.0000
NE+3.45	13	DER8	0.0013	-0.0033	-0.0002	0.0009	0.0011	0.0000
NE+3.45	13	DER9	0.0047	0.0029	-0.0001	-0.0014	0.0022	0.0000
NE+3.45	13	DER10	0.0046	-0.0002	-0.0002	-0.0003	0.0022	0.0000

NE+3.45	21	DER9	0.0047	0.0027	-0.0002	-0.0013	0.0011	0.0000
NE+3.45	21	DER10	0.0046	-0.0009	-0.0002	-0.0001	0.0011	0.0000
NE+3.45	21	DER11	-0.0046	-0.0004	-0.0001	-0.0002	-0.0021	0.0000
NE+3.45	21	DER12	-0.0046	0.0032	-0.0001	-0.0015	-0.0021	0.0000
NE+3.45	21	DER13	0.0015	0.0070	-0.0001	-0.0029	0.0000	0.0000
NE+3.45	21	DER14	-0.0013	0.0071	-0.0001	-0.0029	-0.0010	0.0000
NE+3.45	21	DER15	-0.0015	-0.0047	-0.0002	0.0013	-0.0010	0.0000
NE+3.45	21	DER16	0.0013	-0.0049	-0.0002	0.0014	-0.0001	0.0000
NE+3.45	24	DER1	0.0047	0.0036	-0.0002	-0.0010	0.0032	0.0000
NE+3.45	24	DER2	0.0047	0.0005	-0.0002	0.0000	0.0032	0.0000
NE+3.45	24	DER3	-0.0047	0.0000	-0.0002	0.0001	-0.0003	0.0000
NE+3.45	24	DER4	-0.0047	0.0031	-0.0002	-0.0008	-0.0003	0.0000
NE+3.45	24	DER5	0.0014	0.0070	-0.0002	-0.0020	0.0020	0.0000
NE+3.45	24	DER6	-0.0014	0.0069	-0.0002	-0.0020	0.0009	0.0000
NE+3.45	24	DER7	-0.0014	-0.0035	-0.0002	0.0011	0.0009	0.0000
NE+3.45	24	DER8	0.0014	-0.0033	-0.0002	0.0011	0.0020	0.0000
NE+3.45	24	DER9	0.0047	0.0029	-0.0002	-0.0008	0.0029	0.0000
NE+3.45	24	DER10	0.0047	-0.0002	-0.0002	0.0001	0.0029	0.0000
NE+3.45	24	DER11	-0.0047	-0.0007	-0.0002	0.0003	-0.0006	0.0000
NE+3.45	24	DER12	-0.0047	0.0024	-0.0002	-0.0007	-0.0006	0.0000
NE+3.45	24	DER13	0.0014	0.0063	-0.0002	-0.0018	0.0017	0.0000
NE+3.45	24	DER14	-0.0014	0.0062	-0.0002	-0.0018	0.0006	0.0000
NE+3.45	24	DER15	-0.0014	-0.0041	-0.0002	0.0013	0.0006	0.0000
NE+3.45	24	DER16	0.0014	-0.0040	-0.0002	0.0013	0.0017	0.0000
NE+3.45	26	DER1	0.0047	0.0035	-0.0003	-0.0009	0.0016	0.0000
NE+3.45	26	DER2	0.0047	0.0003	-0.0003	0.0000	0.0016	0.0000
NE+3.45	26	DER3	-0.0047	0.0001	-0.0003	0.0000	-0.0016	0.0000
NE+3.45	26	DER4	-0.0047	0.0033	-0.0003	-0.0009	-0.0016	0.0000
NE+3.45	26	DER5	0.0014	0.0072	-0.0003	-0.0020	0.0005	0.0000
NE+3.45	26	DER6	-0.0014	0.0071	-0.0003	-0.0020	-0.0005	0.0000
NE+3.45	26	DER7	-0.0014	-0.0036	-0.0003	0.0011	-0.0005	0.0000
NE+3.45	26	DER8	0.0014	-0.0035	-0.0003	0.0011	0.0005	0.0000
NE+3.45	26	DER9	0.0047	0.0028	-0.0002	-0.0008	0.0016	0.0000
NE+3.45	26	DER10	0.0047	-0.0004	-0.0002	0.0001	0.0016	0.0000
NE+3.45	26	DER11	-0.0047	-0.0006	-0.0002	0.0002	-0.0016	0.0000
NE+3.45	26	DER12	-0.0047	0.0026	-0.0002	-0.0007	-0.0016	0.0000
NE+3.45	26	DER13	0.0014	0.0065	-0.0002	-0.0018	0.0005	0.0000
NE+3.45	26	DER14	-0.0014	0.0064	-0.0002	-0.0018	-0.0005	0.0000
NE+3.45	26	DER15	-0.0014	-0.0043	-0.0002	0.0013	-0.0005	0.0000
NE+3.45	26	DER16	0.0014	-0.0042	-0.0002	0.0012	0.0005	0.0000
NE+3.45	28	DER1	0.0047	0.0035	-0.0003	-0.0009	0.0016	0.0000
NE+3.45	28	DER2	0.0047	0.0001	-0.0003	0.0000	0.0016	0.0000
NE+3.45	28	DER3	-0.0047	0.0001	-0.0003	0.0000	-0.0016	0.0000
NE+3.45	28	DER4	-0.0047	0.0035	-0.0003	-0.0009	-0.0016	0.0000
NE+3.45	28	DER5	0.0014	0.0073	-0.0003	-0.0020	0.0005	0.0000
NE+3.45	28	DER6	-0.0014	0.0073	-0.0003	-0.0020	-0.0005	0.0000
NE+3.45	28	DER7	-0.0014	-0.0037	-0.0003	0.0011	-0.0005	0.0000
NE+3.45	28	DER8	0.0014	-0.0037	-0.0003	0.0011	0.0005	0.0000
NE+3.45	28	DER9	0.0047	0.0028	-0.0002	-0.0008	0.0016	0.0000
NE+3.45	28	DER10	0.0047	-0.0005	-0.0002	0.0002	0.0016	0.0000
NE+3.45	28	DER11	-0.0047	-0.0005	-0.0002	0.0002	-0.0016	0.0000
NE+3.45	28	DER12	-0.0047	0.0028	-0.0002	-0.0008	-0.0016	0.0000
NE+3.45	28	DER13	0.0014	0.0067	-0.0002	-0.0019	0.0005	0.0000
NE+3.45	28	DER14	-0.0014	0.0067	-0.0002	-0.0019	-0.0005	0.0000
NE+3.45	28	DER15	-0.0014	-0.0044	-0.0002	0.0013	-0.0005	0.0000
NE+3.45	28	DER16	0.0014	-0.0044	-0.0002	0.0013	0.0005	0.0000
NE+3.45	30	DER1	0.0047	0.0034	-0.0003	-0.0009	0.0017	0.0000
NE+3.45	30	DER2	0.0047	0.0000	-0.0003	0.0000	0.0017	0.0000
NE+3.45	30	DER3	-0.0047	0.0002	-0.0003	0.0000	-0.0016	0.0000
NE+3.45	30	DER4	-0.0047	0.0037	-0.0003	-0.0010	-0.0016	0.0000
NE+3.45	30	DER5	0.0014	0.0075	-0.0003	-0.0021	0.0005	0.0000
NE+3.45	30	DER6	-0.0014	0.0076	-0.0003	-0.0021	-0.0004	0.0000
NE+3.45	30	DER7	-0.0014	-0.0039	-0.0003	0.0011	-0.0004	0.0000
NE+3.45	30	DER8	0.0014	-0.0040	-0.0003	0.0012	0.0005	0.0000
NE+3.45	30	DER9	0.0047	0.0027	-0.0002	-0.0007	0.0016	0.0000
NE+3.45	30	DER10	0.0047	-0.0007	-0.0002	0.0002	0.0016	0.0000
NE+3.45	30	DER11	-0.0047	-0.0005	-0.0002	0.0002	-0.0016	0.0000
NE+3.45	30	DER12	-0.0047	0.0030	-0.0002	-0.0008	-0.0016	0.0000
NE+3.45	30	DER13	0.0014	0.0068	-0.0002	-0.0019	0.0005	0.0000
NE+3.45	30	DER14	-0.0014	0.0069	-0.0002	-0.0019	-0.0004	0.0000
NE+3.45	30	DER15	-0.0014	-0.0046	-0.0002	0.0013	-0.0004	0.0000
NE+3.45	30	DER16	0.0014	-0.0046	-0.0002	0.0013	0.0005	0.0000
NE+3.45	32	DER1	0.0047	0.0033	-0.0002	-0.0009	0.0004	0.0000
NE+3.45	32	DER2	0.0047	-0.0002	-0.0002	0.0001	0.0004	0.0000
NE+3.45	32	DER3	-0.0047	0.0003	-0.0002	0.0000	-0.0032	0.0000
NE+3.45	32	DER4	-0.0047	0.0038	-0.0002	-0.0010	-0.0032	0.0000
NE+3.45	32	DER5	0.0014	0.0077	-0.0002	-0.0021	-0.0009	0.0000
NE+3.45	32	DER6	-0.0014	0.0078	-0.0002	-0.0022	-0.0019	0.0000
NE+3.45	32	DER7	-0.0014	-0.0040	-0.0002	0.0013	-0.0020	0.0000
NE+3.45	32	DER8	0.0014	-0.0042	-0.0002	0.0013	-0.0009	0.0000
NE+3.45	32	DER9	0.0047	0.0027	-0.0002	-0.0007	0.0006	0.0000
NE+3.45	32	DER10	0.0047	-0.0009	-0.0002	0.0003	0.0006	0.0000
NE+3.45	32	DER11	-0.0047	-0.0004	-0.0002	0.0002	-0.0029	0.0000
NE+3.45	32	DER12	-0.0047	0.0032	-0.0002	-0.0008	-0.0029	0.0000
NE+3.45	32	DER13	0.0014	0.0070	-0.0002	-0.0020	-0.0006	0.0000
NE+3.45	32	DER14	-0.0014	0.0071	-0.0002	-0.0020	-0.0017	0.0000
NE+3.45	32	DER15	-0.0014	-0.0047	-0.0002	0.0014	-0.0017	0.0000
NE+3.45	32	DER16	0.0014	-0.0049	-0.0002	0.0015	-0.0006	0.0000
NE+3.45	36	DER1	0.0047	0.0036	-0.0002	-0.0014	0.0025	0.0000
NE+3.45	36	DER2	0.0048	0.0005	-0.0002	-0.0002	0.0025	0.0000
NE+3.45	36	DER3	-0.0047	0.0000	-0.0002	-0.0001	-0.0008	0.0000
NE+3.45	36	DER4	-0.0048	0.0031	-0.0003	-0.0012	-0.0008	0.0000
NE+3.45	36	DER5	0.0013	0.0070	-0.0003	-0.0026	0.0013	0.0000
NE+3.45	36	DER6	-0.0015	0.0069	-0.0003	-0.0026	0.0003	0.0000
NE+3.45	36	DER7	-0.0013	-0.0035	-0.0002	0.0012	0.0004	0.0000
NE+3.45	36	DER8	0.0015	-0.0033	-0.0002	0.0011	0.0013	0.0000
NE+3.45	36	DER9	0.0047	0.0029	-0.0002	-0.0010	0.0023	0.0000
NE+3.45	36	DER10	0.0048	-0.0002	-0.0002	0.0002	0.0023	0.0000
NE+3.45	36	DER11	-0.0047	-0.0007	-0.0002	0.0003	-0.0010	0.0000
NE+3.45	36	DER12	-0.0048	0.0024	-0.0002	-0.0008	-0.0010	0.0000
NE+3.45	36	DER13	0.0013	0.0063	-0.0002	-0.0022	0.0011	0.0000
NE+3.45	36	DER14	-0.0015	0.0062	-0.0002	-0.0022	0.0002	0.0000
NE+3.45	36	DER15	-0.0013	-0.0041	-0.0002	0.0016	0.0002	0.0000
NE+3.45	36	DER16	0.0015	-0.0040	-0.0002	0.0015	0.0012	0.0000
NE+3.45	37	DER1	0.0047	0.0036	-0.0003	-0.0016	0.0012	0.0000
NE+3.45	37	DER2	0.0048	0.0004	-0.0003	-0.0003	0.0012	0.0000
NE+3.45	37	DER3	-0.0047	0.0000	-0.0003	-0.0002	-0.0014	0.0000
NE+3.45	37	DER4	-0.0048	0.0032	-0.0003	-0.0014	-0.0015	0.0000
NE+3.45	37	DER5	0.0013	0.0071	-0.0003	-0.0030	0.0003	0.0000
NE+3.45	37	DER6	-0.0015	0.0070	-0.0003	-0.0030	-0.0005	0.0000
NE+3.45	37	DER7	-0.0013	-0.0035	-0.0003	0.0013	-0.0005	0.0000
NE+3.45	37	DER8	0.0015	-0.0034	-0.0003	0.0012	0.0003	0.0000
NE+3.45	37	DER9	0.0047	0.0029	-0.0003	-0.0010	0.0012	0.0000
NE+3.45	37	DER10	0.0048	-0.0003	-0.0002	0.0003	0.0013	0.0000
NE+3.45	37	DER11	-0.0047	-0.0007	-0.0002	0.0004	-0.0014	0.0000
NE+3.45	37	DER12	-0.0048	0.0025	-0.0003	-0.0009	-0.0014	0.0000
NE+3.45	37	DER13	0.0013	0.0064	-0.0003	-0.0024	0.0003	0.0000
NE+3.45	37	DER14	-0.0015	0.0063	-0.0003	-0.0024	-0.0005	0.0000
NE+3.45	37	DER15	-0.0013	-0.0042	-0.0002	0.0018	-0.0005	0.0000
NE+3.45	37	DER16	0.0015	-0.0041	-0.0002	0.0018	0.0003	0.0000
NE+3.45	38	DER1	0.0047	0.0035	-0.0003	-0.0019	0.0014	0.0000
NE+3.45	38	DER2	0.0048	0.0003	-0.0003	-0.0008	0.0014	0.0000

NE+6.80	21	DER3	-0.0105	0.0001	-0.0003	0.0013	-0.0001	-0.0001
NE+6.80	21	DER4	-0.0104	0.0086	-0.0002	0.0000	-0.0001	-0.0001
NE+6.80	21	DER5	0.0035	0.0179	-0.0002	-0.0014	0.0019	0.0001
NE+6.80	21	DER6	-0.0029	0.0181	-0.0002	-0.0015	0.0010	0.0000
NE+6.80	21	DER7	-0.0031	-0.0100	-0.0003	0.0029	0.0010	-0.0002
NE+6.80	21	DER8	0.0032	-0.0103	-0.0003	0.0029	0.0020	-0.0001
NE+6.80	21	DER9	0.0108	0.0063	-0.0003	0.0003	0.0029	0.0001
NE+6.80	21	DER10	0.0107	-0.0022	-0.0003	0.0016	0.0030	0.0000
NE+6.80	21	DER11	-0.0105	-0.0014	-0.0002	0.0015	-0.0002	-0.0001
NE+6.80	21	DER12	-0.0104	0.0071	-0.0002	0.0002	-0.0002	-0.0001
NE+6.80	21	DER13	0.0035	0.0164	-0.0002	-0.0013	0.0018	0.0001
NE+6.80	21	DER14	-0.0029	0.0167	-0.0002	-0.0013	0.0009	0.0000
NE+6.80	21	DER15	-0.0031	-0.0115	-0.0003	0.0030	0.0009	-0.0001
NE+6.80	21	DER16	0.0032	-0.0117	-0.0003	0.0031	0.0019	-0.0001
NE+6.80	24	DER1	0.0110	0.0081	-0.0003	-0.0011	0.0002	0.0000
NE+6.80	24	DER2	0.0110	0.0004	-0.0003	0.0000	0.0002	0.0000
NE+6.80	24	DER3	-0.0110	-0.0004	-0.0003	0.0001	-0.0034	0.0001
NE+6.80	24	DER4	-0.0110	0.0073	-0.0003	-0.0010	-0.0034	0.0001
NE+6.80	24	DER5	0.0033	0.0168	-0.0003	-0.0024	-0.0010	0.0000
NE+6.80	24	DER6	-0.0033	0.0166	-0.0003	-0.0024	-0.0021	0.0000
NE+6.80	24	DER7	-0.0033	-0.0091	-0.0003	0.0014	-0.0021	0.0001
NE+6.80	24	DER8	0.0033	-0.0088	-0.0003	0.0014	-0.0010	0.0001
NE+6.80	24	DER9	0.0110	0.0067	-0.0002	-0.0009	0.0003	0.0000
NE+6.80	24	DER10	0.0110	-0.0010	-0.0002	0.0002	0.0003	0.0000
NE+6.80	24	DER11	-0.0111	-0.0018	-0.0003	0.0003	-0.0032	0.0001
NE+6.80	24	DER12	-0.0111	0.0058	-0.0003	-0.0008	-0.0032	0.0000
NE+6.80	24	DER13	0.0033	0.0153	-0.0002	-0.0022	-0.0009	0.0000
NE+6.80	24	DER14	-0.0033	0.0151	-0.0002	-0.0022	-0.0020	0.0000
NE+6.80	24	DER15	-0.0033	-0.0105	-0.0003	0.0016	-0.0020	0.0001
NE+6.80	24	DER16	0.0033	-0.0103	-0.0002	0.0016	-0.0009	0.0001
NE+6.80	26	DER1	0.0110	0.0085	-0.0003	-0.0013	0.0017	0.0000
NE+6.80	26	DER2	0.0110	0.0010	-0.0003	-0.0002	0.0017	0.0000
NE+6.80	26	DER3	-0.0110	0.0005	-0.0003	-0.0002	-0.0017	0.0000
NE+6.80	26	DER4	-0.0110	0.0081	-0.0003	-0.0012	-0.0017	0.0000
NE+6.80	26	DER5	0.0033	0.0172	-0.0003	-0.0025	0.0005	0.0000
NE+6.80	26	DER6	-0.0033	0.0171	-0.0003	-0.0025	-0.0005	0.0000
NE+6.80	26	DER7	-0.0033	-0.0081	-0.0003	0.0010	-0.0005	0.0000
NE+6.80	26	DER8	0.0033	-0.0080	-0.0003	0.0010	0.0005	0.0000
NE+6.80	26	DER9	0.0110	0.0068	-0.0003	-0.0010	0.0017	0.0000
NE+6.80	26	DER10	0.0110	-0.0008	-0.0003	0.0001	0.0017	0.0000
NE+6.80	26	DER11	-0.0110	-0.0012	-0.0003	0.0001	-0.0017	0.0000
NE+6.80	26	DER12	-0.0110	0.0064	-0.0003	-0.0010	-0.0017	0.0000
NE+6.80	26	DER13	0.0033	0.0155	-0.0003	-0.0022	0.0005	0.0000
NE+6.80	26	DER14	-0.0033	0.0153	-0.0003	-0.0022	-0.0005	0.0000
NE+6.80	26	DER15	-0.0033	-0.0099	-0.0003	0.0013	-0.0005	0.0000
NE+6.80	26	DER16	0.0033	-0.0097	-0.0003	0.0013	0.0005	0.0000
NE+6.80	28	DER1	0.0110	0.0085	-0.0003	-0.0013	0.0017	0.0000
NE+6.80	28	DER2	0.0110	0.0007	-0.0003	-0.0002	0.0017	0.0000
NE+6.80	28	DER3	-0.0110	0.0007	-0.0003	-0.0002	-0.0017	0.0000
NE+6.80	28	DER4	-0.0110	0.0085	-0.0003	-0.0013	-0.0017	0.0000
NE+6.80	28	DER5	0.0033	0.0175	-0.0003	-0.0025	0.0005	0.0000
NE+6.80	28	DER6	-0.0033	0.0175	-0.0003	-0.0025	-0.0005	0.0000
NE+6.80	28	DER7	-0.0033	-0.0083	-0.0003	0.0010	-0.0005	0.0000
NE+6.80	28	DER8	0.0033	-0.0083	-0.0003	0.0010	0.0005	0.0000
NE+6.80	28	DER9	0.0110	0.0067	-0.0003	-0.0010	0.0017	0.0000
NE+6.80	28	DER10	0.0110	-0.0010	-0.0003	0.0001	0.0017	0.0000
NE+6.80	28	DER11	-0.0110	-0.0010	-0.0003	0.0001	-0.0017	0.0000
NE+6.80	28	DER12	-0.0110	0.0067	-0.0003	-0.0010	-0.0017	0.0000
NE+6.80	28	DER13	0.0033	0.0158	-0.0003	-0.0022	0.0005	0.0000
NE+6.80	28	DER14	-0.0033	0.0158	-0.0003	-0.0022	-0.0005	0.0000
NE+6.80	28	DER15	-0.0033	-0.0100	-0.0003	0.0013	-0.0005	0.0000
NE+6.80	28	DER16	0.0033	-0.0100	-0.0003	0.0013	0.0005	0.0000
NE+6.80	30	DER1	0.0111	0.0083	-0.0003	-0.0012	0.0017	0.0000
NE+6.80	30	DER2	0.0111	0.0004	-0.0003	-0.0002	0.0017	0.0000
NE+6.80	30	DER3	-0.0109	0.0008	-0.0003	-0.0002	-0.0017	0.0000
NE+6.80	30	DER4	-0.0109	0.0088	-0.0003	-0.0013	-0.0017	0.0000
NE+6.80	30	DER5	0.0034	0.0178	-0.0003	-0.0025	0.0005	0.0000
NE+6.80	30	DER6	-0.0032	0.0179	-0.0003	-0.0025	-0.0005	0.0000
NE+6.80	30	DER7	-0.0032	-0.0086	-0.0003	0.0011	-0.0005	0.0000
NE+6.80	30	DER8	0.0034	-0.0088	-0.0003	0.0011	0.0005	0.0000
NE+6.80	30	DER9	0.0111	0.0066	-0.0003	-0.0010	0.0017	0.0000
NE+6.80	30	DER10	0.0111	-0.0013	-0.0003	0.0001	0.0017	0.0000
NE+6.80	30	DER11	-0.0109	-0.0009	-0.0003	0.0001	-0.0017	0.0000
NE+6.80	30	DER12	-0.0109	0.0070	-0.0003	-0.0010	-0.0017	0.0000
NE+6.80	30	DER13	0.0034	0.0160	-0.0003	-0.0023	0.0005	0.0000
NE+6.80	30	DER14	-0.0032	0.0162	-0.0003	-0.0023	-0.0005	0.0000
NE+6.80	30	DER15	-0.0032	-0.0103	-0.0003	0.0014	-0.0005	0.0000
NE+6.80	30	DER16	0.0034	-0.0105	-0.0003	0.0014	0.0005	0.0000
NE+6.80	32	DER1	0.0111	0.0078	-0.0003	-0.0011	0.0034	0.0000
NE+6.80	32	DER2	0.0111	-0.0007	-0.0003	0.0001	0.0033	-0.0001
NE+6.80	32	DER3	-0.0110	0.0002	-0.0003	0.0000	-0.0002	-0.0001
NE+6.80	32	DER4	-0.0110	0.0086	-0.0003	-0.0011	-0.0002	0.0000
NE+6.80	32	DER5	0.0034	0.0179	-0.0003	-0.0025	0.0021	0.0000
NE+6.80	32	DER6	-0.0032	0.0181	-0.0003	-0.0025	0.0010	0.0001
NE+6.80	32	DER7	-0.0032	-0.0100	-0.0003	0.0014	0.0010	-0.0001
NE+6.80	32	DER8	0.0034	-0.0102	-0.0003	0.0015	0.0021	-0.0001
NE+6.80	32	DER9	0.0111	0.0063	-0.0003	-0.0009	0.0032	0.0000
NE+6.80	32	DER10	0.0111	-0.0021	-0.0003	0.0003	0.0032	-0.0001
NE+6.80	32	DER11	-0.0109	-0.0013	-0.0002	0.0002	-0.0003	0.0000
NE+6.80	32	DER12	-0.0109	0.0071	-0.0002	-0.0009	-0.0003	0.0000
NE+6.80	32	DER13	0.0034	0.0164	-0.0002	-0.0023	0.0020	0.0001
NE+6.80	32	DER14	-0.0032	0.0167	-0.0002	-0.0023	0.0009	0.0001
NE+6.80	32	DER15	-0.0032	-0.0114	-0.0002	0.0016	0.0009	-0.0001
NE+6.80	32	DER16	0.0034	-0.0117	-0.0003	0.0017	0.0020	-0.0001
NE+6.80	36	DER1	0.0106	0.0082	-0.0003	-0.0023	0.0001	-0.0001
NE+6.80	36	DER2	0.0107	0.0005	-0.0003	-0.0010	0.0001	0.0000
NE+6.80	36	DER3	-0.0108	-0.0003	-0.0004	-0.0010	-0.0031	0.0002
NE+6.80	36	DER4	-0.0109	0.0074	-0.0004	-0.0022	-0.0031	0.0001
NE+6.80	36	DER5	0.0030	0.0169	-0.0004	-0.0037	-0.0011	0.0000
NE+6.80	36	DER6	-0.0034	0.0166	-0.0004	-0.0037	-0.0020	0.0000
NE+6.80	36	DER7	-0.0032	-0.0090	-0.0003	0.0004	-0.0019	0.0001
NE+6.80	36	DER8	0.0033	-0.0088	-0.0003	0.0004	-0.0010	0.0001
NE+6.80	36	DER9	0.0106	0.0067	-0.0003	-0.0021	0.0002	-0.0001
NE+6.80	36	DER10	0.0107	-0.0010	-0.0003	-0.0009	0.0002	-0.0001
NE+6.80	36	DER11	-0.0108	-0.0018	-0.0003	-0.0008	-0.0030	0.0001
NE+6.80	36	DER12	-0.0109	0.0059	-0.0003	-0.0021	-0.0030	0.0001
NE+6.80	36	DER13	0.0030	0.0154	-0.0003	-0.0035	-0.0010	0.0000
NE+6.80	36	DER14	-0.0035	0.0152	-0.0003	-0.0035	-0.0019	0.0000
NE+6.80	36	DER15	-0.0032	-0.0105	-0.0003	0.0006	-0.0018	0.0001
NE+6.80	36	DER16	0.0033	-0.0103	-0.0003	0.0006	-0.0009	0.0000
NE+6.80	37	DER1	0.0107	0.0092	-0.0004	-0.0025	0.0015	-0.0001
NE+6.80	37	DER2	0.0107	0.0011	-0.0004	-0.0010	0.0015	-0.0001
NE+6.80	37	DER3	-0.0107	0.0004	-0.0004	-0.0009	-0.0014	0.0001
NE+6.80	37	DER4	-0.0108	0.0085	-0.0004	-0.0024	-0.0014	0.0001
NE+6.80	37	DER5	0.0030	0.0184	-0.0004	-0.0041	0.0005	0.0000
NE+6.80	37	DER6	-0.0034	0.0182	-0.0004	-0.0041	-0.0004	0.0001
NE+6.80	37	DER7	-0.0031	-0.0088	-0.0004	0.0007	-0.0003	0.0001
NE+6.80	37	DER8	0.0033	-0.0086	-0.0004	0.0007	0.0005	0.0000

NE+3.45	13	DER11	-0.0046	-0.0007	-0.0002	-0.0001	-0.0011	0.0000
NE+3.45	13	DER12	-0.0046	0.0024	-0.0002	-0.0013	-0.0010	0.0000
NE+3.45	13	DER13	0.0015	0.0063	-0.0001	-0.0027	0.0011	0.0000
NE+3.45	13	DER14	-0.0013	0.0062	-0.0001	-0.0026	0.0001	0.0000
NE+3.45	13	DER15	-0.0015	-0.0041	-0.0002	0.0012	0.0001	0.0000
NE+3.45	13	DER16	0.0013	-0.0040	-0.0002	0.0011	0.0010	0.0000
NE+3.45	14	DER1	0.0047	0.0036	-0.0002	-0.0025	0.0013	0.0000
NE+3.45	14	DER2	0.0046	0.0004	-0.0002	-0.0012	0.0012	0.0000
NE+3.45	14	DER3	-0.0046	0.0000	-0.0002	-0.0011	-0.0014	0.0000
NE+3.45	14	DER4	-0.0046	0.0032	-0.0002	-0.0024	-0.0014	0.0000
NE+3.45	14	DER5	0.0015	0.0071	-0.0002	-0.0040	0.0003	0.0000
NE+3.45	14	DER6	-0.0013	0.0070	-0.0002	-0.0039	-0.0005	0.0000
NE+3.45	14	DER7	-0.0015	-0.0035	-0.0002	0.0003	-0.0005	0.0000
NE+3.45	14	DER8	0.0013	-0.0034	-0.0002	0.0003	0.0003	0.0000
NE+3.45	14	DER9	0.0047	0.0029	-0.0002	-0.0021	0.0013	0.0000
NE+3.45	14	DER10	0.0046	-0.0003	-0.0002	-0.0008	0.0012	0.0000
NE+3.45	14	DER11	-0.0046	-0.0007	-0.0002	-0.0007	-0.0014	0.0000
NE+3.45	14	DER12	-0.0046	0.0025	-0.0002	-0.0019	-0.0014	0.0000
NE+3.45	14	DER13	0.0015	0.0064	-0.0002	-0.0035	0.0003	0.0000
NE+3.45	14	DER14	-0.0013	0.0063	-0.0002	-0.0035	-0.0005	0.0000
NE+3.45	14	DER15	-0.0015	-0.0042	-0.0002	0.0008	-0.0005	0.0000
NE+3.45	14	DER16	0.0013	-0.0041	-0.0002	0.0007	0.0003	0.0000
NE+3.45	15	DER1	0.0047	0.0035	-0.0002	-0.0017	0.0014	0.0000
NE+3.45	15	DER2	0.0046	0.0003	-0.0002	-0.0006	0.0014	0.0000
NE+3.45	15	DER3	-0.0046	0.0001	-0.0002	-0.0005	-0.0013	0.0000
NE+3.45	15	DER4	-0.0046	0.0033	-0.0002	-0.0016	-0.0013	0.0000
NE+3.45	15	DER5	0.0015	0.0072	-0.0002	-0.0030	0.0005	0.0000
NE+3.45	15	DER6	-0.0013	0.0071	-0.0002	-0.0030	-0.0004	0.0000
NE+3.45	15	DER7	-0.0015	-0.0036	-0.0002	0.0008	-0.0004	0.0000
NE+3.45	15	DER8	0.0013	-0.0035	-0.0002	0.0008	0.0004	0.0000
NE+3.45	15	DER9	0.0047	0.0028	-0.0002	-0.0014	0.0014	0.0000
NE+3.45	15	DER10	0.0046	-0.0004	-0.0002	-0.0003	0.0014	0.0000
NE+3.45	15	DER11	-0.0046	-0.0006	-0.0002	-0.0002	-0.0013	0.0000
NE+3.45	15	DER12	-0.0046	0.0026	-0.0002	-0.0014	-0.0013	0.0000
NE+3.45	15	DER13	0.0015	0.0065	-0.0001	-0.0027	0.0004	0.0000
NE+3.45	15	DER14	-0.0013	0.0064	-0.0001	-0.0027	-0.0004	0.0000
NE+3.45	15	DER15	-0.0015	-0.0043	-0.0002	0.0011	-0.0004	0.0000
NE+3.45	15	DER16	0.0013	-0.0042	-0.0002	0.0010	0.0004	0.0000
NE+3.45	16	DER1	0.0047	0.0035	-0.0002	-0.0025	0.0013	0.0000
NE+3.45	16	DER2	0.0046	0.0002	-0.0002	-0.0012	0.0013	0.0000
NE+3.45	16	DER3	-0.0046	0.0001	-0.0002	-0.0011	-0.0014	0.0000
NE+3.45	16	DER4	-0.0046	0.0034	-0.0002	-0.0024	-0.0014	0.0000
NE+3.45	16	DER5	0.0015	0.0073	-0.0002	-0.0040	0.0004	0.0000
NE+3.45	16	DER6	-0.0013	0.0072	-0.0002	-0.0040	-0.0004	0.0000
NE+3.45	16	DER7	-0.0015	-0.0037	-0.0002	0.0004	-0.0004	0.0000
NE+3.45	16	DER8	0.0013	-0.0036	-0.0002	0.0003	0.0004	0.0000
NE+3.45	16	DER9	0.0047	0.0028	-0.0002	-0.0020	0.0013	0.0000
NE+3.45	16	DER10	0.0046	-0.0005	-0.0002	-0.0007	0.0013	0.0000
NE+3.45	16	DER11	-0.0046	-0.0006	-0.0002	-0.0007	-0.0014	0.0000
NE+3.45	16	DER12	-0.0046	0.0027	-0.0002	-0.0020	-0.0014	0.0000
NE+3.45	16	DER13	0.0015	0.0066	-0.0002	-0.0035	0.0004	0.0000
NE+3.45	16	DER14	-0.0013	0.0065	-0.0002	-0.0035	-0.0004	0.0000
NE+3.45	16	DER15	-0.0015	-0.0043	-0.0002	0.0008	-0.0004	0.0000
NE+3.45	16	DER16	0.0013	-0.0043	-0.0002	0.0008	0.0004	0.0000
NE+3.45	17	DER1	0.0047	0.0035	-0.0002	-0.0017	0.0014	0.0000
NE+3.45	17	DER2	0.0046	0.0001	-0.0002	-0.0005	0.0014	0.0000
NE+3.45	17	DER3	-0.0046	0.0001	-0.0002	-0.0005	-0.0013	0.0000
NE+3.45	17	DER4	-0.0046	0.0035	-0.0002	-0.0017	-0.0013	0.0000
NE+3.45	17	DER5	0.0015	0.0073	-0.0002	-0.0030	0.0005	0.0000
NE+3.45	17	DER6	-0.0013	0.0073	-0.0002	-0.0030	-0.0004	0.0000
NE+3.45	17	DER7	-0.0015	-0.0037	-0.0002	0.0008	-0.0004	0.0000
NE+3.45	17	DER8	0.0013	-0.0037	-0.0002	0.0008	0.0004	0.0000
NE+3.45	17	DER9	0.0047	0.0028	-0.0002	-0.0014	0.0014	0.0000
NE+3.45	17	DER10	0.0046	-0.0005	-0.0002	-0.0003	0.0014	0.0000
NE+3.45	17	DER11	-0.0046	-0.0005	-0.0002	-0.0003	-0.0013	0.0000
NE+3.45	17	DER12	-0.0046	0.0028	-0.0002	-0.0014	-0.0013	0.0000
NE+3.45	17	DER13	0.0015	0.0067	-0.0001	-0.0028	0.0004	0.0000
NE+3.45	17	DER14	-0.0013	0.0067	-0.0001	-0.0028	-0.0004	0.0000
NE+3.45	17	DER15	-0.0015	-0.0044	-0.0002	0.0011	-0.0004	0.0000
NE+3.45	17	DER16	0.0013	-0.0044	-0.0002	0.0011	0.0004	0.0000
NE+3.45	18	DER1	0.0047	0.0034	-0.0002	-0.0025	0.0013	0.0000
NE+3.45	18	DER2	0.0046	0.0000	-0.0002	-0.0011	0.0013	0.0000
NE+3.45	18	DER3	-0.0046	0.0002	-0.0002	-0.0012	-0.0014	0.0000
NE+3.45	18	DER4	-0.0046	0.0036	-0.0002	-0.0025	-0.0014	0.0000
NE+3.45	18	DER5	0.0015	0.0074	-0.0002	-0.0040	0.0004	0.0000
NE+3.45	18	DER6	-0.0013	0.0075	-0.0002	-0.0040	-0.0004	0.0000
NE+3.45	18	DER7	-0.0015	-0.0038	-0.0002	0.0004	-0.0004	0.0000
NE+3.45	18	DER8	0.0013	-0.0039	-0.0002	0.0004	0.0004	0.0000
NE+3.45	18	DER9	0.0047	0.0028	-0.0002	-0.0020	0.0013	0.0000
NE+3.45	18	DER10	0.0046	-0.0006	-0.0002	-0.0007	0.0013	0.0000
NE+3.45	18	DER11	-0.0046	-0.0005	-0.0002	-0.0007	-0.0014	0.0000
NE+3.45	18	DER12	-0.0046	0.0029	-0.0002	-0.0020	-0.0013	0.0000
NE+3.45	18	DER13	0.0015	0.0067	-0.0002	-0.0036	0.0004	0.0000
NE+3.45	18	DER14	-0.0013	0.0068	-0.0002	-0.0036	-0.0004	0.0000
NE+3.45	18	DER15	-0.0015	-0.0045	-0.0002	0.0009	-0.0004	0.0000
NE+3.45	18	DER16	0.0013	-0.0045	-0.0002	0.0009	0.0004	0.0000
NE+3.45	19	DER1	0.0047	0.0034	-0.0002	-0.0017	0.0014	0.0000
NE+3.45	19	DER2	0.0046	0.0000	-0.0002	-0.0005	0.0014	0.0000
NE+3.45	19	DER3	-0.0046	0.0002	-0.0002	-0.0005	-0.0013	0.0000
NE+3.45	19	DER4	-0.0046	0.0037	-0.0002	-0.0017	-0.0013	0.0000
NE+3.45	19	DER5	0.0015	0.0075	-0.0002	-0.0031	0.0005	0.0000
NE+3.45	19	DER6	-0.0013	0.0076	-0.0002	-0.0031	-0.0004	0.0000
NE+3.45	19	DER7	-0.0015	-0.0039	-0.0002	0.0009	-0.0004	0.0000
NE+3.45	19	DER8	0.0013	-0.0040	-0.0002	0.0009	0.0004	0.0000
NE+3.45	19	DER9	0.0047	0.0027	-0.0002	-0.0014	0.0014	0.0000
NE+3.45	19	DER10	0.0046	-0.0007	-0.0002	-0.0002	0.0014	0.0000
NE+3.45	19	DER11	-0.0046	-0.0005	-0.0002	-0.0003	-0.0013	0.0000
NE+3.45	19	DER12	-0.0046	0.0030	-0.0002	-0.0015	-0.0013	0.0000
NE+3.45	19	DER13	0.0015	0.0068	-0.0001	-0.0028	0.0005	0.0000
NE+3.45	19	DER14	-0.0013	0.0069	-0.0001	-0.0028	-0.0004	0.0000
NE+3.45	19	DER15	-0.0015	-0.0046	-0.0002	0.0011	-0.0004	0.0000
NE+3.45	19	DER16	0.0013	-0.0046	-0.0002	0.0012	0.0004	0.0000
NE+3.45	20	DER1	0.0047	0.0034	-0.0002	-0.0025	0.0014	0.0000
NE+3.45	20	DER2	0.0046	-0.0001	-0.0002	-0.0011	0.0014	0.0000
NE+3.45	20	DER3	-0.0046	0.0003	-0.0002	-0.0012	-0.0013	0.0000
NE+3.45	20	DER4	-0.0046	0.0037	-0.0002	-0.0026	-0.0013	0.0000
NE+3.45	20	DER5	0.0015	0.0076	-0.0002	-0.0041	0.0005	0.0000
NE+3.45	20	DER6	-0.0013	0.0077	-0.0002	-0.0041	-0.0003	0.0000
NE+3.45	20	DER7	-0.0015	-0.0040	-0.0002	0.0005	-0.0004	0.0000
NE+3.45	20	DER8	0.0013	-0.0041	-0.0002	0.0005	0.0004	0.0000
NE+3.45	20	DER9	0.0047	0.0027	-0.0002	-0.0020	0.0014	0.0000
NE+3.45	20	DER10	0.0046	-0.0008	-0.0002	-0.0006	0.0014	0.0000
NE+3.45	20	DER11	-0.0046	-0.0004	-0.0002	-0.0008	-0.0013	0.0000
NE+3.45	20	DER12	-0.0046	0.0031	-0.0002	-0.0021	-0.0013	0.0000
NE+3.45	20	DER13	0.0015	0.0069	-0.0002	-0.0037	0.0005	0.0000
NE+3.45	20	DER14	-0.0013	0.0070	-0.0002	-0.0037	-0.0003	0.0000
NE+3.45	20	DER15	-0.0015	-0.0046	-0.0002	0.0009	-0.0004	0.0000
NE+3.45	20	DER16	0.0013	-0.0047	-0.0002	0.0009	0.0004	0.0000

NE+3.45	38	DER3	-0.0047	0.0001	-0.0003	-0.0008	-0.0013	0.0000
NE+3.45	38	DER4	-0.0048	0.0033	-0.0003	-0.0019	-0.0013	0.0000
NE+3.45	38	DER5	0.0013	0.0072	-0.0003	-0.0032	0.0004	0.0000
NE+3.45	38	DER6	-0.0015	0.0071	-0.0003	-0.0032	-0.0004	0.0000
NE+3.45	38	DER7	-0.0013	-0.0036	-0.0003	0.0005	-0.0004	0.0000
NE+3.45	38	DER8	0.0015	-0.0035	-0.0003	0.0005	0.0005	0.0000
NE+3.45	38	DER9	0.0047	0.0028	-0.0002	-0.0013	0.0014	0.0000
NE+3.45	38	DER10	0.0048	-0.0004	-0.0002	-0.0002	0.0014	0.0000
NE+3.45	38	DER11	-0.0047	-0.0006	-0.0002	-0.0001	-0.0013	0.0000
NE+3.45	38	DER12	-0.0048	0.0026	-0.0002	-0.0012	-0.0013	0.0000
NE+3.45	38	DER13	0.0013	0.0065	-0.0003	-0.0026	0.0004	0.0000
NE+3.45	38	DER14	-0.0015	0.0064	-0.0003	-0.0025	-0.0004	0.0000
NE+3.45	38	DER15	-0.0013	-0.0043	-0.0002	0.0012	-0.0004	0.0000
NE+3.45	38	DER16	0.0015	-0.0042	-0.0002	0.0012	0.0005	0.0000
NE+3.45	39	DER1	0.0047	0.0035	-0.0003	-0.0015	0.0013	0.0000
NE+3.45	39	DER2	0.0048	0.0002	-0.0003	-0.0003	0.0013	0.0000
NE+3.45	39	DER3	-0.0047	0.0001	-0.0003	-0.0002	-0.0014	0.0000
NE+3.45	39	DER4	-0.0048	0.0034	-0.0003	-0.0015	-0.0014	0.0000
NE+3.45	39	DER5	0.0013	0.0073	-0.0003	-0.0030	0.0004	0.0000
NE+3.45	39	DER6	-0.0015	0.0072	-0.0003	-0.0030	-0.0005	0.0000
NE+3.45	39	DER7	-0.0013	-0.0037	-0.0003	0.0013	-0.0004	0.0000
NE+3.45	39	DER8	0.0015	-0.0036	-0.0003	0.0013	0.0004	0.0000
NE+3.45	39	DER9	0.0047	0.0028	-0.0003	-0.0010	0.0013	0.0000
NE+3.45	39	DER10	0.0048	-0.0005	-0.0002	0.0003	0.0013	0.0000
NE+3.45	39	DER11	-0.0047	-0.0006	-0.0002	0.0004	-0.0014	0.0000
NE+3.45	39	DER12	-0.0048	0.0027	-0.0003	-0.0009	-0.0014	0.0000
NE+3.45	39	DER13	0.0013	0.0066	-0.0003	-0.0025	0.0004	0.0000
NE+3.45	39	DER14	-0.0015	0.0065	-0.0003	-0.0025	-0.0005	0.0000
NE+3.45	39	DER15	-0.0013	-0.0043	-0.0002	0.0018	-0.0004	0.0000
NE+3.45	39	DER16	0.0015	-0.0043	-0.0002	0.0018	0.0004	0.0000
NE+3.45	40	DER1	0.0047	0.0035	-0.0003	-0.0020	0.0014	0.0000
NE+3.45	40	DER2	0.0048	0.0001	-0.0003	-0.0008	0.0014	0.0000
NE+3.45	40	DER3	-0.0047	0.0001	-0.0003	-0.0008	-0.0013	0.0000
NE+3.45	40	DER4	-0.0048	0.0035	-0.0003	-0.0020	-0.0013	0.0000
NE+3.45	40	DER5	0.0013	0.0073	-0.0003	-0.0033	0.0004	0.0000
NE+3.45	40	DER6	-0.0015	0.0073	-0.0003	-0.0033	-0.0004	0.0000
NE+3.45	40	DER7	-0.0013	-0.0037	-0.0003	0.0005	-0.0003	0.0000
NE+3.45	40	DER8	0.0015	-0.0037	-0.0003	0.0005	0.0005	0.0000
NE+3.45	40	DER9	0.0047	0.0028	-0.0002	-0.0013	0.0014	0.0000
NE+3.45	40	DER10	0.0048	-0.0005	-0.0002	-0.0001	0.0014	0.0000
NE+3.45	40	DER11	-0.0047	-0.0005	-0.0002	-0.0001	-0.0013	0.0000
NE+3.45	40	DER12	-0.0048	0.0028	-0.0002	-0.0013	-0.0013	0.0000
NE+3.45	40	DER13	0.0013	0.0067	-0.0003	-0.0026	0.0004	0.0000
NE+3.45	40	DER14	-0.0015	0.0067	-0.0003	-0.0026	-0.0004	0.0000
NE+3.45	40	DER15	-0.0013	-0.0044	-0.0002	0.0012	-0.0004	0.0000
NE+3.45	40	DER16	0.0015	-0.0044	-0.0002	0.0012	0.0005	0.0000
NE+3.45	41	DER1	0.0047	0.0034	-0.0003	-0.0016	0.0013	0.0000
NE+3.45	41	DER2	0.0048	0.0000	-0.0003	-0.0002	0.0013	0.0000
NE+3.45	41	DER3	-0.0047	0.0002	-0.0003	-0.0003	-0.0014	0.0000
NE+3.45	41	DER4	-0.0048	0.0036	-0.0003	-0.0016	-0.0014	0.0000
NE+3.45	41	DER5	0.0013	0.0074	-0.0003	-0.0031	0.0004	0.0000
NE+3.45	41	DER6	-0.0015	0.0075	-0.0003	-0.0031	-0.0005	0.0000
NE+3.45	41	DER7	-0.0013	-0.0038	-0.0003	0.0013	-0.0004	0.0000
NE+3.45	41	DER8	0.0015	-0.0039	-0.0003	0.0013	0.0004	0.0000
NE+3.45	41	DER9	0.0047	0.0028	-0.0003	-0.0010	0.0013	0.0000
NE+3.45	41	DER10	0.0048	-0.0006	-0.0002	0.0003	0.0013	0.0000
NE+3.45	41	DER11	-0.0047	-0.0005	-0.0003	0.0003	-0.0014	0.0000
NE+3.45	41	DER12	-0.0048	0.0029	-0.0003	-0.0010	-0.0014	0.0000
NE+3.45	41	DER13	0.0013	0.0067	-0.0003	-0.0025	0.0004	0.0000
NE+3.45	41	DER14	-0.0015	0.0068	-0.0003	-0.0026	-0.0004	0.0000
NE+3.45	41	DER15	-0.0013	-0.0045	-0.0002	0.0019	-0.0004	0.0000
NE+3.45	41	DER16	0.0015	-0.0045	-0.0002	0.0019	0.0004	0.0000
NE+3.45	42	DER1	0.0047	0.0034	-0.0003	-0.0019	0.0014	0.0000
NE+3.45	42	DER2	0.0048	0.0000	-0.0003	-0.0007	0.0014	0.0000
NE+3.45	42	DER3	-0.0047	0.0002	-0.0003	-0.0008	-0.0013	0.0000
NE+3.45	42	DER4	-0.0048	0.0037	-0.0003	-0.0020	-0.0013	0.0000
NE+3.45	42	DER5	0.0013	0.0075	-0.0003	-0.0033	0.0004	0.0000
NE+3.45	42	DER6	-0.0015	0.0076	-0.0003	-0.0033	-0.0004	0.0000
NE+3.45	42	DER7	-0.0013	-0.0039	-0.0003	0.0006	-0.0004	0.0000
NE+3.45	42	DER8	0.0015	-0.0040	-0.0003	0.0006	0.0005	0.0000
NE+3.45	42	DER9	0.0047	0.0027	-0.0002	-0.0012	0.0014	0.0000
NE+3.45	42	DER10	0.0048	-0.0007	-0.0002	-0.0001	0.0014	0.0000
NE+3.45	42	DER11	-0.0047	-0.0005	-0.0002	-0.0001	-0.0013	0.0000
NE+3.45	42	DER12	-0.0048	0.0030	-0.0002	-0.0013	-0.0013	0.0000
NE+3.45	42	DER13	0.0013	0.0068	-0.0003	-0.0027	0.0004	0.0000
NE+3.45	42	DER14	-0.0015	0.0069	-0.0003	-0.0027	-0.0004	0.0000
NE+3.45	42	DER15	-0.0013	-0.0046	-0.0002	0.0013	-0.0004	0.0000
NE+3.45	42	DER16	0.0015	-0.0046	-0.0002	0.0013	0.0005	0.0000
NE+3.45	43	DER1	0.0047	0.0034	-0.0003	-0.0015	0.0014	0.0000
NE+3.45	43	DER2	0.0048	-0.0001	-0.0003	-0.0001	0.0014	0.0000
NE+3.45	43	DER3	-0.0047	0.0003	-0.0003	-0.0002	-0.0013	0.0000
NE+3.45	43	DER4	-0.0048	0.0037	-0.0003	-0.0016	-0.0013	0.0000
NE+3.45	43	DER5	0.0013	0.0076	-0.0003	-0.0031	0.0004	0.0000
NE+3.45	43	DER6	-0.0015	0.0077	-0.0003	-0.0032	-0.0004	0.0000
NE+3.45	43	DER7	-0.0013	-0.0040	-0.0003	0.0014	-0.0003	0.0000
NE+3.45	43	DER8	0.0015	-0.0041	-0.0003	0.0014	0.0005	0.0000
NE+3.45	43	DER9	0.0047	0.0027	-0.0003	-0.0009	0.0014	0.0000
NE+3.45	43	DER10	0.0048	-0.0008	-0.0002	0.0004	0.0014	0.0000
NE+3.45	43	DER11	-0.0047	-0.0004	-0.0003	0.0003	-0.0013	0.0000
NE+3.45	43	DER12	-0.0048	0.0031	-0.0003	-0.0010	-0.0013	0.0000
NE+3.45	43	DER13	0.0013	0.0069	-0.0003	-0.0026	0.0004	0.0000
NE+3.45	43	DER14	-0.0015	0.0070	-0.0003	-0.0026	-0.0004	0.0000
NE+3.45	43	DER15	-0.0013	-0.0046	-0.0002	0.0020	-0.0003	0.0000
NE+3.45	43	DER16	0.0015	-0.0047	-0.0002	0.0020	0.0005	0.0000
NE+3.45	44	DER1	0.0047	0.0033	-0.0003	-0.0014	0.0008	0.0000
NE+3.45	44	DER2	0.0048	-0.0002	-0.0002	-0.0001	0.0008	0.0000
NE+3.45	44	DER3	-0.0047	0.0003	-0.0002	-0.0002	-0.0024	0.0000
NE+3.45	44	DER4	-0.0048	0.0038	-0.0002	-0.0015	-0.0024	0.0000
NE+3.45	44	DER5	0.0013	0.0077	-0.0003	-0.0029	-0.0003	0.0000
NE+3.45	44	DER6	-0.0015	0.0078	-0.0003	-0.0029	-0.0013	0.0000
NE+3.45	44	DER7	-0.0013	-0.0040	-0.0002	0.0013	-0.0012	0.0000
NE+3.45	44	DER8	0.0015	-0.0042	-0.0002	0.0013	-0.0003	0.0000
NE+3.45	44	DER9	0.0047	0.0027	-0.0002	-0.0010	0.0010	0.0000
NE+3.45	44	DER10	0.0048	-0.0009	-0.0002	0.0003	0.0010	0.0000
NE+3.45	44	DER11	-0.0047	-0.0004	-0.0002	0.0002	-0.0022	0.0000
NE+3.45	44	DER12	-0.0048	0.0032	-0.0002	-0.0011	-0.0022	0.0000
NE+3.45	44	DER13	0.0013	0.0070	-0.0002	-0.0025	-0.0002	0.0000
NE+3.45	44	DER14	-0.0015	0.0071	-0.0002	-0.0025	-0.0011	0.0000
NE+3.45	44	DER15	-0.0013	-0.0047	-0.0002	0.0017	-0.0011	0.0000
NE+3.45	44	DER16	0.0015	-0.0049	-0.0002	0.0017	-0.0001	0.0000

2.5 VERIFICACIÓN TORSIÓN ACCIDENTAL

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO X)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	13	0.02179	36	0.02188	0.02188	0.02620	NO TORSION
NE+3.45	13	0.01879	36	0.01940	0.01940	0.02291	NO TORSION

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO Y)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	13	0.02745	36	0.02740	0.02745	0.03291	NO TORSION
NE+3.45	13	0.01645	36	0.01665	0.01665	0.01986	NO TORSION

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO X)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	21	0.02195	44	0.02210	0.02210	0.02643	NO TORSION
NE+3.45	21	0.02009	44	0.01981	0.02009	0.02394	NO TORSION

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO Y)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+12.75	21	0.02898	44	0.02910	0.02910	0.03485	NO TORSION
NE+9.60	21	0.01938	44	0.01954	0.01954	0.02335	NO TORSION

3 DISEÑO DE LA ESTRUCTURA

3.1 DISEÑO DE VIGAS Y COLUMNAS

Story	Label	Design Sect	Station m	AsTopComb o	AsMinTop cm²	AsTop cm²	AsBot Combo	AsMinBot cm²	AsBot cm²	VCombo	VRebar cm²/m	TLng Combo	TLngRebar cm²	TTrn Combo	TTrnRebar cm²/m	WarnMsg	ErrMsg
NE+6.80	B1	V15X35	0.000	COMB6	0.200	0.200	COMB8	0.100	0.100	COMB18	0.000	COMB18	1.700	COMB5	1.600	No Message	No Message
NE+6.80	B1	V15X35	1.090	COMB8	1.100	1.100	COMB8	0.600	0.600	COMB18	0.000	COMB18	1.700	COMB5	1.600	No Message	No Message
NE+6.80	B1	V15X35	2.180	COMB8	1.500	2.200	COMB8	1.000	1.000	COMB16	1.300	COMB18	1.700	COMB5	1.600	No Message	No Message
NE+6.80	B2	V15X35	0.000	COMB6	1.500	2.300	COMB8	1.000	1.000	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B2	V15X35	2.260	COMB8	0.600	0.600	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B2	V15X35	4.520	COMB7	1.500	1.600	COMB7	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B3	V15X35	0.000	COMB1	1.500	1.700	COMB8	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B3	V15X35	2.175	COMB8	0.500	0.500	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B3	V15X35	4.350	COMB1	1.500	1.700	COMB1	0.700	0.700	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B4	V15X35	0.000	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B4	V15X35	2.260	COMB7	0.600	0.600	COMB1	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B4	V15X35	4.520	COMB1	1.500	1.800	COMB7	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B5	V15X35	0.000	COMB1	1.500	1.800	COMB8	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B5	V15X35	2.175	COMB8	0.600	0.600	COMB2	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B5	V15X35	4.350	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B6	V15X35	0.000	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B6	V15X35	2.260	COMB7	0.600	0.600	COMB1	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B6	V15X35	4.520	COMB1	1.500	1.800	COMB7	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B7	V15X35	0.000	COMB1	1.500	1.800	COMB8	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B7	V15X35	2.175	COMB8	0.600	0.600	COMB2	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B7	V15X35	4.350	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B8	V15X35	0.000	COMB1	1.500	1.700	COMB1	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B8	V15X35	2.260	COMB7	0.500	0.500	COMB1	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B8	V15X35	4.520	COMB7	1.500	1.700	COMB7	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B9	V15X35	0.000	COMB8	1.500	1.600	COMB8	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B9	V15X35	2.175	COMB7	0.600	0.600	COMB5	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B9	V15X35	4.350	COMB3	1.500	2.200	COMB7	1.000	1.000	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B10	V15X35	0.000	COMB7	1.500	2.200	COMB7	1.500	1.500	COMB10	3.300	COMB6	1.700	COMB4	1.600	No Message	No Message
NE+6.80	B10	V15X35	1.090	COMB7	1.100	1.100	COMB7	0.800	0.800	COMB10	2.600	COMB6	1.700	COMB4	1.600	No Message	No Message
NE+6.80	B10	V15X35	2.180	COMB3	0.200	0.200	COMB7	0.100	0.100	COMB10	1.900	COMB6	1.700	COMB4	1.600	No Message	No Message
NE+6.80	B11	V15X35	0.000	COMB10	0.200	0.200	COMB4	0.100	0.100	COMB18	0.000	COMB14	1.800	COMB9	1.600	No Message	No Message
NE+6.80	B11	V15X35	1.090	COMB10	0.700	0.700	COMB4	0.600	0.600	COMB18	0.000	COMB14	1.800	COMB9	1.600	No Message	No Message
NE+6.80	B11	V15X35	2.180	COMB10	1.500	2.100	COMB4	0.900	0.900	COMB16	1.300	COMB14	1.800	COMB9	1.600	No Message	No Message
NE+6.80	B12	V30X35	0.000	COMB17	0.200	0.200	COMB9	0.400	0.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B12	V30X35	0.978	COMB1	3.100	4.300	COMB1	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B12	V30X35	1.955	COMB1	3.100	10.300	COMB10	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B13	V30X35	0.000	COMB10	0.200	0.200	COMB10	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B13	V30X35	0.978	COMB1	3.100	4.700	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B13	V30X35	1.955	COMB1	3.100	10.400	COMB1	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B14	V30X35	0.000	COMB17	0.200	0.200	COMB17	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B14	V30X35	0.978	COMB1	3.100	4.800	COMB9	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B14	V30X35	1.955	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B15	V30X35	0.000	COMB10	0.200	0.200	COMB10	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B15	V30X35	0.978	COMB1	3.100	4.800	COMB1	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B15	V30X35	1.955	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B16	V30X35	0.000	COMB17	0.200	0.200	COMB17	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B16	V30X35	0.978	COMB1	3.100	4.800	COMB9	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B16	V30X35	1.955	COMB1	3.100	10.700	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B17	V30X35	0.000	COMB10	0.200	0.200	COMB10	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B17	V30X35	0.978	COMB1	3.100	4.800	COMB1	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B17	V30X35	1.955	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B18	V30X35	0.000	COMB17	0.200	0.200	COMB17	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B18	V30X35	0.978	COMB1	3.100	4.800	COMB9	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B18	V30X35	1.955	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B19	V30X35	0.000	COMB9	0.200	0.200	COMB9	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B19	V30X35	0.978	COMB1	3.100	4.700	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B19	V30X35	1.955	COMB1	3.100	10.400	COMB1	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B20	V30X35	0.000	COMB18	0.200	0.200	COMB10	0.400	0.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B20	V30X35	0.978	COMB1	3.100	4.200	COMB1	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B20	V30X35	1.955	COMB1	3.100	10.000	COMB10	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+6.80	B21	V15X35	0.000	COMB9	0.200	0.200	COMB5	0.100	0.100	COMB18	1.800	COMB8	1.800	COMB10	1.600	No Message	No Message
NE+6.80	B21	V15X35	1.090	COMB9	0.700	0.700	COMB5	0.700	0.700	COMB18	2.300	COMB8	1.800	COMB10	1.600	No Message	No Message
NE+6.80	B21	V15X35	2.180	COMB9	1.500	2.100	COMB9	1.400	1.400	COMB18	3.100	COMB8	1.800	COMB10	1.600	No Message	No Message
NE+6.80	B22	V30X35	0.000	COMB13	0.200	0.200	COMB5	0.400	0.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B22	V30X35	0.978	COMB1	3.100	4.400	COMB1	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B22	V30X35	1.955	COMB1	3.100	10.100	COMB10	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B23	V30X35	0.225	COMB5	3.100	4.800	COMB5	2.700	2.700	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B23	V30X35	2.260	COMB5	2.000	2.000	COMB5	2.000	2.000	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B23	V30X35	4.295	COMB12	3.100	3.100	COMB14	3.100	3.100	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B24	V30X35	0.225	COMB5	3.100	3.500	COMB12	2.300	2.300	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B24	V30X35	2.175	COMB5	1.500	1.500	COMB5	1.500	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B24	V30X35	4.125	COMB12	3.100	3.100	COMB13	2.800	2.800	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B25	V30X35	0.225	COMB5	3.100	3.400	COMB12	2.100	2.100	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B25	V30X35	2.260	COMB5	1.400	1.400	COMB5	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B25	V30X35	4.295	COMB4	3.100	3.100	COMB13	2.500	2.500	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B26	V30X35	0.225	COMB5	3.100	3.300	COMB12	2.400	2.400	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B26	V30X35	2.175	COMB5	1.200	1.200	COMB5	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B26	V30X35	4.125	COMB4	3.100	3.200	COMB13	2.600	2.600	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B27	V30X35	0.225	COMB5	3.100	3.200	COMB12	2.400	2.400	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B27	V30X35	2.260	COMB4	1.200	1.200	COMB1	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B27	V30X35	4.295	COMB4	3.100	3.300	COMB13	2.300	2.300	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B28	V30X35	0.225	COMB5	3.100	3.100	COMB12	2.700	2.700	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B28	V30X35	2.175	COMB4	1.400	1.400	COMB4	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B28	V30X35	4.125	COMB4	3.100	3.400	COMB13	2.300	2.300	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B29	V30X35	0.225	COMB14	3.100	3.100	COMB12	2.600	2.600	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B29	V30X35	2.260	COMB4	1.500	1.500	COMB4	1.500	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B29	V30X35	4.295	COMB4	3.100	3.400	COMB13	2.100	2.100	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B30	V30X35	0.225	COMB14	3.100	3.100	COMB12	3.100	3.100	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B30	V30X35	2.175	COMB4	2.000	2.000	COMB4	2.000	2.000	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B30	V30X35	4.125	COMB4	3.100	4.800	COMB4	2.700	2.700	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B31	V30X35	0.225	COMB1	3.100	10.100	COMB1	3.100	4.700	COMB10	12.700	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B31	V30X35	1.203	COMB1	3.100	4.400	COMB1	3.000	3.000	COMB10	12.400	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B31	V30X35	2.180	COMB12	0.200	0.200	COMB4	0.400	0.400	COMB10	12.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B32	V15X35	0.000	COMB10	1.500	2.200	COMB4	1.000	1.000	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B32	V15X35	2.155	COMB4	0.700	0.700	COMB7	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B32	V15X35	4.310	COMB10	1.500	1.500	COMB3	0.700	0.700	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B33	V30X35	0.225	COMB9	3.100	5.300	COMB9	2.800	2.800	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B33	V30X35	2.155	COMB9	2.000	2.000	COMB9	2.000	2.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B33	V30X35	4.085	COMB8	3.100	4.400	COMB18	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B34	V30X35	0.225	COMB9	3.100	5.600	COMB10	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B34	V30X35	2.268	COMB10	1.700	1.700	COMB7	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B34	V30X35	4.310	COMB1	0.400	0.400	COMB10	2.100	2.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B35	V30X35	0.225	COMB9	3.100	4.900	COMB15	2.900	2.900	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B35	V30X35	2.155	COMB9	2.000	2.000	COMB9	2.000	2.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B35	V30X35	4.085	COMB7	3.100	4.300	COMB18	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B36	V30X35	0.225	COMB9	3.100	5.700	COMB9	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B36	V30X35	2.268	COMB10	1.700	1.700	COMB7	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B36	V30X35	4.310	COMB1	0.400	0.400	COMB9	2.400	2.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B37	V30X35	0.225	COMB9	3.100	4.800	COMB16	3.000	3.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B37	V30X35	2.155	COMB9	2.000	2.000	COMB9	2.000	2.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B37	V30X35	4.085	COMB8	3.100	4.300	COMB18	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B38	V30X35	0.225	COMB9	3.100	5.700	COMB10	2.700	2.700	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B38	V30X35	2.268	COMB10	1.700	1.700	COMB8	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B38	V30X35	4.310	COMB1	0.400	0.400	COMB9	2.400	2.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B39	V30X35	0.225	COMB10	3.100	4.900	COMB16	3.000	3.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B39	V30X35	2.155	COMB10	2.000	2.000	COMB10	2.000	2.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B39	V30X35	4.085	COMB8	3.100	4.400	COMB18	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B40	V30X35	0.225	COMB9	3.100	5.600	COMB9	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B40	V30X35	2.268	COMB9	1.700	1.700	COMB8	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B40	V30X35	4.310	COMB1	0.400	0.400	COMB9	2.100	2.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B41	V30X35	0.225	COMB10	3.100	5.400	COMB16	3.000	3.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B41	V30X35	2.155	COMB10	2.000	2.000	COMB10	2.000	2.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B41	V30X35	4.085	COMB7	3.100	4.600	COMB18	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B42	V15X35	0.000	COMB9	1.500	2.200	COMB9	1.500	1.500	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B42	V15X35	2.155	COMB5	0.800	0.800	COMB8	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B42	V15X35	4.310	COMB9	1.500	1.500	COMB6	1.000	1.000	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B43	V30X35	0.000	COMB6	0.200	0.200	COMB6	0.200	0.200	COMB18	2.500	COMB8	3.600	COMB7	0.900	No Message	No Message
NE+6.80	B43	V30X35	0.978	COMB1	3.100	4.200	COMB1	2.300	2.300	COMB18	2.500	COMB8	3.600	COMB7	0.900	No Message	No Message
NE+6.80	B43	V30X35	1.955	COMB1	3.100	9.400	COMB10	3.100	3.100	COMB18	2.500	COMB8	3.600	COMB7	0.900	No Message	No Message
NE+6.80	B44	V30X35	0.225	COMB5	3.100	4.700	COMB5	2.200	2.200	COMB6	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B44	V30X35	2.373	COMB6	1.400	1.400	COMB6	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B44	V30X35	4.520	COMB14	0.300	0.300	COMB5	2.700	2.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B45	V30X35	0.000	COMB14	0.400	0.400	COMB2	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B45	V30X35	2.063	COMB6	0.800	0.800	COMB6	1.800	1.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B45	V30X35	4.125	COMB4	3.100	3.400	COMB4	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B46	V30X35	0.225	COMB5	3.100	3.600	COMB5	1.700	1.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B46	V30X35	2.373	COMB6	1.100	1.100	COMB3	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B46	V30X35	4.520	COMB1	0.200	0.200	COMB2	2.500	2.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B47	V30X35	0.000	COMB14	0.200	0.200	COMB2	2.500	2.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B47	V30X35	2.063	COMB3	0.900	0.900	COMB6	1.500	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B47	V30X35	4.125	COMB4	3.100	3.600	COMB4	1.500	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B48	V30X35	0.225	COMB5	3.100	3.500	COMB5	1.500	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B48	V30X35	2.373	COMB6	0.900	0.900	COMB3	1.500	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B48	V30X35	4.520	COMB11	0.200	0.200	COMB2	2.500	2.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B49	V30X35	0.000	COMB1	0.200	0.200	COMB2	2.500	2.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B49	V30X35	2.063	COMB3	1.100	1.100	COMB6	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B49	V30X35	4.125	COMB4	3.100	3.700	COMB4	1.700	1.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B50	V30X35	0.225	COMB5	3.100	3.400	COMB5	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B50	V30X35	2.373	COMB3	0.800	0.800	COMB3	1.800	1.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B50	V30X35	4.520	COMB11	0.400	0.400	COMB2	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B51	V30X35	0.000	COMB11	0.300	0.300	COMB4	2.700	2.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B51	V30X35	2.063	COMB3	1.400	1.400	COMB3	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B51	V30X35	4.125	COMB4	3.100	4.700	COMB4	2.200	2.200	COMB4	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B52	V30X35	0.225	COMB1	3.100	9.400	COMB1	3.100	4.400	COMB10	11.900	COMB16	3.600	COMB8	0.900	No Message	No Message
NE+6.80	B52	V30X35	1.203	COMB1	3.100	4.200	COMB1	2.800	2.800	COMB10	11.600	COMB16	3.600	COMB8	0.900	No Message	No Message
NE+6.80	B52	V30X35	2.180	COMB3	0.200	0.200	COMB3	0.200	0.200	COMB10	11.300	COMB16	3.600	COMB8	0.900	No Message	No Message

NE+6.80	B53	V15X35	0.000	COMB10	1.500	1.500	COMB4	0.700	0.700	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B53	V15X35	2.075	COMB3	0.700	0.700	COMB10	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B53	V15X35	4.150	COMB7	1.500	2.300	COMB3	1.000	1.000	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B54	V30X35	0.225	COMB9	3.100	3.500	COMB8	3.100	3.700	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B54	V30X35	2.075	COMB8	2.400	2.400	COMB8	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B54	V30X35	3.925	COMB8	3.100	6.300	COMB8	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B55	V30X35	0.000	COMB1	0.400	0.400	COMB2	2.200	2.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B55	V30X35	1.963	COMB7	1.900	1.900	COMB9	2.100	2.100	COMB8	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B55	V30X35	3.925	COMB7	3.100	6.300	COMB7	2.900	2.900	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B56	V30X35	0.225	COMB18	3.100	3.100	COMB7	3.100	4.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B56	V30X35	2.075	COMB7	2.500	2.500	COMB7	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B56	V30X35	3.925	COMB7	3.100	6.300	COMB8	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B57	V30X35	0.000	COMB1	0.400	0.400	COMB2	2.500	2.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B57	V30X35	1.963	COMB7	1.900	1.900	COMB9	2.100	2.100	COMB8	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B57	V30X35	3.925	COMB7	3.100	6.600	COMB7	3.000	3.000	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B58	V30X35	0.225	COMB18	3.100	3.100	COMB8	3.100	4.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B58	V30X35	2.075	COMB8	2.600	2.600	COMB8	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B58	V30X35	3.925	COMB8	3.100	6.300	COMB8	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B59	V30X35	0.000	COMB1	0.400	0.400	COMB2	2.500	2.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B59	V30X35	1.963	COMB8	2.000	2.000	COMB10	2.100	2.100	COMB8	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B59	V30X35	3.925	COMB8	3.100	6.600	COMB8	3.000	3.000	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B60	V30X35	0.225	COMB10	3.100	3.200	COMB8	3.100	4.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B60	V30X35	2.075	COMB8	2.600	2.600	COMB8	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B60	V30X35	3.925	COMB8	3.100	6.400	COMB8	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B61	V30X35	0.000	COMB1	0.400	0.400	COMB8	2.200	2.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B61	V30X35	1.963	COMB8	1.900	1.900	COMB10	2.200	2.200	COMB8	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B61	V30X35	3.925	COMB8	3.100	6.400	COMB8	3.000	3.000	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B62	V30X35	0.225	COMB10	3.100	3.700	COMB7	3.100	3.900	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B62	V30X35	2.075	COMB7	2.400	2.400	COMB7	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B62	V30X35	3.925	COMB7	3.100	6.500	COMB8	3.100	3.100	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B63	V15X35	0.000	COMB10	1.500	1.500	COMB5	1.000	1.000	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B63	V15X35	2.075	COMB6	0.800	0.800	COMB9	0.900	0.900	COMB10	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B63	V15X35	4.150	COMB8	1.500	2.300	COMB8	1.500	1.500	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B64	V30X35	0.000	COMB14	0.200	0.200	COMB6	0.400	0.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B64	V30X35	0.978	COMB1	3.100	4.400	COMB1	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B64	V30X35	1.955	COMB1	3.100	9.900	COMB10	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B65	V30X35	0.225	COMB6	3.100	4.800	COMB6	2.600	2.600	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B65	V30X35	2.260	COMB6	1.900	1.900	COMB6	1.900	1.900	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B65	V30X35	4.295	COMB12	3.100	3.100	COMB14	3.100	3.100	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B66	V30X35	0.225	COMB6	3.100	3.400	COMB11	2.200	2.200	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B66	V30X35	2.175	COMB6	1.400	1.400	COMB6	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B66	V30X35	4.125	COMB12	3.100	3.100	COMB14	2.800	2.800	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B67	V30X35	0.225	COMB6	3.100	3.400	COMB11	2.100	2.100	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B67	V30X35	2.260	COMB6	1.300	1.300	COMB6	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B67	V30X35	4.295	COMB12	3.100	3.100	COMB14	2.500	2.500	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B68	V30X35	0.225	COMB6	3.100	3.200	COMB11	2.400	2.400	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B68	V30X35	2.175	COMB6	1.100	1.100	COMB6	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B68	V30X35	4.125	COMB3	3.100	3.200	COMB14	2.500	2.500	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B69	V30X35	0.225	COMB6	3.100	3.200	COMB11	2.300	2.300	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B69	V30X35	2.260	COMB3	1.100	1.100	COMB1	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B69	V30X35	4.295	COMB3	3.100	3.200	COMB14	2.200	2.200	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B70	V30X35	0.225	COMB14	3.100	3.100	COMB11	2.700	2.700	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B70	V30X35	2.175	COMB3	1.300	1.300	COMB3	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B70	V30X35	4.125	COMB3	3.100	3.400	COMB14	2.300	2.300	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B71	V30X35	0.225	COMB14	3.100	3.100	COMB11	2.600	2.600	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B71	V30X35	2.260	COMB3	1.400	1.400	COMB3	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B71	V30X35	4.295	COMB3	3.100	3.400	COMB14	2.100	2.100	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B72	V30X35	0.225	COMB14	3.100	3.100	COMB12	3.100	3.100	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B72	V30X35	2.175	COMB3	1.900	1.900	COMB3	1.900	1.900	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B72	V30X35	4.125	COMB3	3.100	4.800	COMB3	2.600	2.600	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B73	V30X35	0.225	COMB1	3.100	9.900	COMB10	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B73	V30X35	1.203	COMB1	3.100	4.400	COMB1	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B73	V30X35	2.180	COMB11	0.200	0.200	COMB3	0.400	0.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B74	V15X35	0.000	COMB7	1.500	2.100	COMB3	1.000	1.000	COMB18	1.300	COMB13	1.800	COMB8	1.600	No Message	No Message
NE+6.80	B74	V15X35	1.090	COMB7	0.700	0.700	COMB3	0.600	0.600	COMB18	0.000	COMB13	1.800	COMB8	1.600	No Message	No Message
NE+6.80	B74	V15X35	2.180	COMB7	0.200	0.200	COMB3	0.100	0.100	COMB18	0.000	COMB13	1.800	COMB8	1.600	No Message	No Message
NE+6.80	B75	V30X35	0.225	COMB1	3.100	10.300	COMB10	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B75	V30X35	1.203	COMB1	3.100	4.300	COMB1	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B75	V30X35	2.180	COMB8	0.200	0.200	COMB8	0.400	0.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B76	V30X35	0.225	COMB1	3.100	10.400	COMB1	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B76	V30X35	1.203	COMB1	3.100	4.600	COMB1	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B76	V30X35	2.180	COMB15	0.200	0.200	COMB15	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B77	V30X35	0.225	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B77	V30X35	1.203	COMB1	3.100	4.800	COMB7	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B77	V30X35	2.180	COMB7	0.300	0.300	COMB8	0.300	0.300	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B78	V30X35	0.225	COMB1	3.100	10.700	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B78	V30X35	1.203	COMB1	3.100	4.800	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B78	V30X35	2.180	COMB15	0.200	0.200	COMB15	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B79	V30X35	0.225	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B79	V30X35	1.203	COMB1	3.100	4.800	COMB8	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B79	V30X35	2.180	COMB8	0.300	0.300	COMB8	0.300	0.300	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B80	V30X35	0.225	COMB1	3.100	10.700	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B80	V30X35	1.203	COMB1	3.100	4.800	COMB1	2.500	2.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B80	V30X35	2.180	COMB15	0.200	0.200	COMB15	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B81	V30X35	0.225	COMB1	3.100	10.800	COMB1	3.100	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B81	V30X35	1.203	COMB1	3.100	4.800	COMB8	2.600	2.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B81	V30X35	2.180	COMB8	0.300	0.300	COMB8	0.300	0.300	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B82	V30X35	0.225	COMB1	3.100	10.400	COMB1	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B82	V30X35	1.203	COMB1	3.100	4.600	COMB1	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B82	V30X35	2.180	COMB15	0.200	0.200	COMB16	0.200	0.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B83	V30X35	0.225	COMB1	3.100	10.000	COMB10	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B83	V30X35	1.203	COMB1	3.100	4.200	COMB1	2.400	2.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B83	V30X35	2.180	COMB7	0.200	0.200	COMB7	0.400	0.400	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B84	V15X35	0.000	COMB8	1.500	2.100	COMB8	1.000	1.000	COMB18	1.300	COMB12	1.800	COMB7	1.600	No Message	No Message
NE+6.80	B84	V15X35	1.090	COMB8	0.800	0.800	COMB6	0.600	0.600	COMB18	0.000	COMB12	1.800	COMB7	1.600	No Message	No Message
NE+6.80	B84	V15X35	2.180	COMB8	0.200	0.200	COMB6	0.100	0.100	COMB18	0.000	COMB12	1.800	COMB7	1.600	No Message	No Message

NE+6.80	B85	V15X35	0.000	COMB5	0.200	0.200	COMB9	0.100	0.100	COMB18	0.000	COMB15	1.700	COMB6	1.600	No Message	No Message
NE+6.80	B85	V15X35	1.090	COMB9	1.100	1.100	COMB9	0.600	0.600	COMB18	0.000	COMB15	1.700	COMB6	1.600	No Message	No Message
NE+6.80	B85	V15X35	2.180	COMB9	1.500	2.200	COMB9	1.000	1.000	COMB17	1.300	COMB15	1.700	COMB6	1.600	No Message	No Message
NE+6.80	B86	V15X35	0.000	COMB5	1.500	2.300	COMB9	1.100	1.100	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B86	V15X35	2.260	COMB9	0.700	0.700	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B86	V15X35	4.520	COMB10	1.500	1.600	COMB10	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B87	V15X35	0.000	COMB9	1.500	1.700	COMB9	0.900	0.900	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B87	V15X35	2.175	COMB9	0.600	0.600	COMB2	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B87	V15X35	4.350	COMB1	1.500	1.800	COMB10	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B88	V15X35	0.000	COMB1	1.500	1.800	COMB9	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B88	V15X35	2.260	COMB10	0.600	0.600	COMB2	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B88	V15X35	4.520	COMB10	1.500	1.800	COMB10	0.900	0.900	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B89	V15X35	0.000	COMB9	1.500	1.800	COMB9	0.900	0.900	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B89	V15X35	2.175	COMB9	0.600	0.600	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B89	V15X35	4.350	COMB1	1.500	1.800	COMB10	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B90	V15X35	0.000	COMB1	1.500	1.800	COMB9	0.900	0.900	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B90	V15X35	2.260	COMB10	0.600	0.600	COMB2	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B90	V15X35	4.520	COMB10	1.500	1.800	COMB10	0.900	0.900	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B91	V15X35	0.000	COMB9	1.500	1.800	COMB9	0.900	0.900	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B91	V15X35	2.175	COMB9	0.600	0.600	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B91	V15X35	4.350	COMB1	1.500	1.800	COMB10	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B92	V15X35	0.000	COMB1	1.500	1.800	COMB9	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B92	V15X35	2.260	COMB10	0.600	0.600	COMB2	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B92	V15X35	4.520	COMB10	1.500	1.700	COMB10	0.900	0.900	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B93	V15X35	0.000	COMB9	1.500	1.600	COMB9	0.800	0.800	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B93	V15X35	2.175	COMB10	0.700	0.700	COMB6	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B93	V15X35	4.350	COMB4	1.500	2.300	COMB10	1.000	1.000	COMB18	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B94	V15X35	0.000	COMB10	1.500	2.200	COMB10	1.000	1.000	COMB18	1.300	COMB16	1.700	COMB3	1.600	No Message	No Message
NE+6.80	B94	V15X35	1.090	COMB10	1.100	1.100	COMB10	0.600	0.600	COMB18	0.000	COMB16	1.700	COMB3	1.600	No Message	No Message
NE+6.80	B94	V15X35	2.180	COMB4	0.200	0.200	COMB10	0.100	0.100	COMB18	0.000	COMB16	1.700	COMB3	1.600	No Message	No Message
NE+3.45	B23	V35X45	0.225	COMB5	4.800	6.100	COMB11	4.100	4.100	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B23	V35X45	2.260	COMB3	1.700	1.700	COMB2	3.200	3.200	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B23	V35X45	4.295	COMB3	4.800	6.800	COMB3	2.900	2.900	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B24	V35X45	0.225	COMB5	4.800	6.300	COMB11	3.000	3.000	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B24	V35X45	2.175	COMB5	1.600	1.600	COMB2	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B24	V35X45	4.125	COMB3	4.800	6.300	COMB13	3.200	3.200	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B25	V35X45	0.225	COMB5	4.800	6.400	COMB11	2.800	2.800	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B25	V35X45	2.260	COMB5	1.600	1.600	COMB2	2.900	2.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B25	V35X45	4.295	COMB3	4.800	6.300	COMB13	2.800	2.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B26	V35X45	0.225	COMB5	4.800	6.300	COMB11	3.100	3.100	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B26	V35X45	2.175	COMB3	1.600	1.600	COMB2	2.700	2.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B26	V35X45	4.125	COMB3	4.800	6.300	COMB13	3.100	3.100	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B27	V35X45	0.225	COMB5	4.800	6.400	COMB11	2.800	2.800	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B27	V35X45	2.260	COMB5	1.600	1.600	COMB2	2.900	2.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B27	V35X45	4.295	COMB3	4.800	6.300	COMB13	2.800	2.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B28	V35X45	0.225	COMB5	4.800	6.300	COMB11	3.200	3.200	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B28	V35X45	2.175	COMB3	1.600	1.600	COMB2	2.700	2.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B28	V35X45	4.125	COMB3	4.800	6.300	COMB13	3.100	3.100	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B29	V35X45	0.225	COMB5	4.800	6.300	COMB11	2.800	2.800	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B29	V35X45	2.260	COMB3	1.600	1.600	COMB2	2.900	2.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B29	V35X45	4.295	COMB3	4.800	6.400	COMB3	2.700	2.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B30	V35X45	0.225	COMB5	4.800	6.800	COMB11	3.100	3.100	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B30	V35X45	2.175	COMB5	1.700	1.700	COMB2	3.000	3.000	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B30	V35X45	4.125	COMB3	4.800	6.000	COMB13	4.500	4.500	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B33	V35X45	0.225	COMB17	4.800	5.100	COMB7	4.800	5.900	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B33	V35X45	2.155	COMB7	1.800	1.800	COMB7	1.800	1.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B33	V35X45	4.085	COMB7	4.800	7.100	COMB17	4.600	4.600	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B34	V35X45	0.225	COMB9	4.800	9.000	COMB9	3.800	3.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B34	V35X45	2.268	COMB9	2.300	2.300	COMB7	4.100	4.100	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B34	V35X45	4.310	COMB18	0.000	0.000	COMB2	4.800	8.100	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B35	V35X45	0.225	COMB17	4.800	4.900	COMB7	4.800	5.900	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B35	V35X45	2.155	COMB7	1.800	1.800	COMB7	1.800	1.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B35	V35X45	4.085	COMB7	4.800	7.100	COMB17	4.500	4.500	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B36	V35X45	0.225	COMB9	4.800	8.700	COMB9	3.700	3.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B36	V35X45	2.268	COMB9	2.200	2.200	COMB7	4.100	4.100	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B36	V35X45	4.310	COMB18	0.000	0.000	COMB2	4.800	7.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B37	V35X45	0.225	COMB17	4.800	5.000	COMB7	4.800	6.000	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B37	V35X45	2.155	COMB7	1.800	1.800	COMB7	1.800	1.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B37	V35X45	4.085	COMB7	4.800	7.200	COMB17	4.600	4.600	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B38	V35X45	0.225	COMB10	4.800	8.800	COMB10	3.700	3.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B38	V35X45	2.268	COMB10	2.200	2.200	COMB8	4.100	4.100	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B38	V35X45	4.310	COMB18	0.000	0.000	COMB2	4.800	7.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B39	V35X45	0.225	COMB18	4.800	5.200	COMB8	4.800	6.200	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B39	V35X45	2.155	COMB8	1.900	1.900	COMB8	1.900	1.900	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B39	V35X45	4.085	COMB8	4.800	7.400	COMB18	4.800	4.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B40	V35X45	0.225	COMB10	4.800	9.300	COMB10	3.900	3.900	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B40	V35X45	2.268	COMB10	2.300	2.300	COMB8	4.300	4.300	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B40	V35X45	4.310	COMB18	0.000	0.000	COMB2	4.800	8.200	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B41	V35X45	0.225	COMB18	4.800	5.600	COMB8	4.800	6.500	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B41	V35X45	2.155	COMB8	1.900	1.900	COMB8	1.900	1.900	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B41	V35X45	4.085	COMB8	4.800	7.700	COMB18	4.800	4.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B44	V35X45	0.225	COMB5	4.800	11.300	COMB5	4.700	4.700	COMB5	4.400	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B44	V35X45	2.373	COMB5	2.800	2.800	COMB4	4.800	4.800	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B44	V35X45	4.520	COMB18	0.000	0.000	COMB5	3.500	3.500	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B45	V35X45	0.000	COMB18	0.000	0.000	COMB2	3.500	3.500	COMB9	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B45	V35X45	2.063	COMB4	3.100	3.100	COMB5	4.400	4.400	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B45	V35X45	4.125	COMB4	4.800	12.600	COMB4	4.800	4.800	COMB4	4.600	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B46	V35X45	0.225	COMB5	4.800	12.600	COMB6	4.800	4.800	COMB5	4.700	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B46	V35X45	2.373	COMB5	3.100	3.100	COMB4	4.800	4.800	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B46	V35X45	4.520	COMB18	0.000	0.000	COMB5	3.600	3.600	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B47	V35X45	0.000	COMB18	0.000	0.000	COMB2	3.700	3.700	COMB9	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B47	V35X45	2.063	COMB4	3.000	3.000	COMB5	4.600	4.600	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B47	V35X45	4.125	COMB4	4.800	12.500	COMB4	4.800	4.800	COMB4	4.600	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B48	V35X45	0.225	COMB5	4.800	12.600	COMB6	4.800	4.800	COMB5	4.700	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B48	V35X45	2.373	COMB5	3.100	3.100	COMB4	4.800	4.800	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B48	V35X45	4.520	COMB18	0.000	0.000	COMB5	3.600	3.600	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+3.45	B49	V35X45	0.000	COMB18	0.000	0.000	COMB2	3.700	3.700	COMB9	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B49	V35X45	2.063	COMB4	3.000	3.000	COMB5	4.500	4.500	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B49	V35X45	4.125	COMB4	4.800	12.500	COMB4	4.800	4.800	COMB4	4.600	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B50	V35X45	0.225	COMB5	4.800	12.700	COMB6	4.800	4.800	COMB5	4.700	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B50	V35X45	2.373	COMB5	3.100	3.100	COMB4	4.800	4.800	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B50	V35X45	4.520	COMB18	0.000	0.000	COMB5	3.500	3.500	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B51	V35X45	0.000	COMB18	0.000	0.000	COMB2	3.500	3.500	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B51	V35X45	2.063	COMB4	2.700	2.700	COMB6	4.800	4.800	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B51	V35X45	4.125	COMB4	4.800	11.200	COMB4	4.600	4.600	COMB4	4.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B54	V35X45	0.225	COMB17	4.800	5.300	COMB7	4.800	5.100	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B54	V35X45	2.075	COMB7	1.900	1.900	COMB7	1.900	1.900	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B54	V35X45	3.925	COMB7	4.800	7.700	COMB18	4.800	4.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B55	V35X45	0.000	COMB18	0.000	0.000	COMB2	4.800	8.300	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B55	V35X45	1.963	COMB7	3.000	3.000	COMB7	3.000	3.000	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B55	V35X45	3.925	COMB7	4.800	12.500	COMB8	4.800	4.800	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B56	V35X45	0.225	COMB17	4.800	5.000	COMB7	4.800	5.400	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B56	V35X45	2.075	COMB7	2.100	2.100	COMB7	2.100	2.100	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B56	V35X45	3.925	COMB7	4.800	8.500	COMB18	4.800	4.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B57	V35X45	0.000	COMB18	0.000	0.000	COMB2	4.800	7.900	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B57	V35X45	1.963	COMB7	3.000	3.000	COMB7	3.000	3.000	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B57	V35X45	3.925	COMB7	4.800	12.100	COMB8	4.800	4.800	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B58	V35X45	0.225	COMB18	4.800	5.000	COMB8	4.800	5.600	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B58	V35X45	2.075	COMB8	2.200	2.200	COMB8	2.200	2.200	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B58	V35X45	3.925	COMB8	4.800	8.700	COMB18	4.800	4.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B59	V35X45	0.000	COMB18	0.000	0.000	COMB2	4.800	7.900	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B59	V35X45	1.963	COMB8	3.000	3.000	COMB8	3.000	3.000	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B59	V35X45	3.925	COMB8	4.800	12.300	COMB8	4.800	4.800	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B60	V35X45	0.225	COMB18	4.800	5.200	COMB8	4.800	5.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B60	V35X45	2.075	COMB8	2.200	2.200	COMB8	2.200	2.200	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B60	V35X45	3.925	COMB8	4.800	8.800	COMB18	4.800	4.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B61	V35X45	0.000	COMB18	0.000	0.000	COMB2	4.800	8.300	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B61	V35X45	1.963	COMB8	3.100	3.100	COMB8	3.100	3.100	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B61	V35X45	3.925	COMB8	4.800	12.900	COMB8	4.800	4.800	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B62	V35X45	0.225	COMB18	4.800	5.800	COMB8	4.800	5.700	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B62	V35X45	2.075	COMB8	2.100	2.100	COMB8	2.100	2.100	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B62	V35X45	3.925	COMB8	4.800	8.400	COMB18	4.800	4.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B65	V35X45	0.225	COMB6	4.800	6.800	COMB12	3.900	3.900	COMB6	3.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B65	V35X45	2.260	COMB4	2.000	2.000	COMB2	4.800	4.800	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B65	V35X45	4.295	COMB4	4.800	7.800	COMB4	3.300	3.300	COMB4	4.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B66	V35X45	0.225	COMB6	4.800	7.200	COMB6	3.100	3.100	COMB6	3.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B66	V35X45	2.175	COMB6	1.800	1.800	COMB2	4.000	4.000	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B66	V35X45	4.125	COMB4	4.800	7.100	COMB4	3.000	3.000	COMB4	3.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B67	V35X45	0.225	COMB6	4.800	7.300	COMB6	3.100	3.100	COMB6	3.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B67	V35X45	2.260	COMB6	1.800	1.800	COMB2	4.500	4.500	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B67	V35X45	4.295	COMB4	4.800	7.300	COMB4	3.100	3.100	COMB4	3.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B68	V35X45	0.225	COMB6	4.800	7.100	COMB6	3.000	3.000	COMB6	3.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B68	V35X45	2.175	COMB4	1.800	1.800	COMB2	4.100	4.100	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B68	V35X45	4.125	COMB4	4.800	7.200	COMB4	3.100	3.100	COMB4	3.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B69	V35X45	0.225	COMB6	4.800	7.300	COMB6	3.100	3.100	COMB6	3.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B69	V35X45	2.260	COMB6	1.800	1.800	COMB2	4.500	4.500	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B69	V35X45	4.295	COMB4	4.800	7.300	COMB4	3.100	3.100	COMB4	3.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B70	V35X45	0.225	COMB6	4.800	7.100	COMB6	3.000	3.000	COMB6	3.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B70	V35X45	2.175	COMB4	1.800	1.800	COMB2	4.100	4.100	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B70	V35X45	4.125	COMB4	4.800	7.200	COMB4	3.100	3.100	COMB4	3.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B71	V35X45	0.225	COMB6	4.800	7.200	COMB6	3.100	3.100	COMB6	3.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B71	V35X45	2.260	COMB4	1.900	1.900	COMB2	4.400	4.400	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B71	V35X45	4.295	COMB4	4.800	7.300	COMB4	3.100	3.100	COMB4	3.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B72	V35X45	0.225	COMB6	4.800	7.700	COMB6	3.300	3.300	COMB6	4.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B72	V35X45	2.175	COMB6	2.000	2.000	COMB2	4.400	4.400	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B72	V35X45	4.125	COMB4	4.800	6.600	COMB14	4.300	4.300	COMB4	3.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B75	V35X45	0.225	COMB2	4.800	5.400	COMB2	2.300	2.300	COMB17	0.900	COMB17	5.400	COMB6	2.600	No Message	No Message
NE+3.45	B75	V35X45	1.203	COMB2	3.300	3.300	COMB2	1.400	1.400	COMB17	0.900	COMB17	5.400	COMB6	2.600	No Message	No Message
NE+3.45	B75	V35X45	2.180	COMB2	0.016	0.016	COMB2	0.005	0.005	COMB17	0.900	COMB17	5.400	COMB6	2.600	No Message	No Message
NE+3.45	B76	V35X45	0.225	COMB2	4.800	12.700	COMB2	4.800	4.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B76	V35X45	1.203	COMB2	4.800	5.800	COMB2	3.100	3.100	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B76	V35X45	2.180	COMB18	0.000	0.000	COMB2	0.017	0.017	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B77	V35X45	0.225	COMB2	4.800	11.600	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B77	V35X45	1.203	COMB2	4.800	5.400	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B77	V35X45	2.180	COMB15	0.000	0.000	COMB9	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B78	V35X45	0.225	COMB2	4.800	12.000	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B78	V35X45	1.203	COMB2	4.800	5.500	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B78	V35X45	2.180	COMB9	0.000	0.000	COMB9	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B79	V35X45	0.225	COMB2	4.800	12.000	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B79	V35X45	1.203	COMB2	4.800	5.500	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B79	V35X45	2.180	COMB15	0.000	0.000	COMB9	0.009	0.009	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B80	V35X45	0.225	COMB2	4.800	12.300	COMB2	4.800	4.800	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B80	V35X45	1.203	COMB2	4.800	5.600	COMB2	3.000	3.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B80	V35X45	2.180	COMB9	0.007	0.007	COMB9	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B81	V35X45	0.225	COMB2	4.800	11.600	COMB2	4.800	4.800	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B81	V35X45	1.203	COMB2	4.800	5.400	COMB2	2.900	2.900	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B81	V35X45	2.180	COMB8	0.000	0.000	COMB18	0.000	0.000	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B82	V35X45	0.225	COMB2	4.800	12.700	COMB2	4.800	4.800	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B82	V35X45	1.203	COMB2	4.800	5.800	COMB2	3.100	3.100	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B82	V35X45	2.180	COMB18	0.000	0.000	COMB2	0.017	0.017	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B83	V35X45	0.225	COMB2	4.800	5.500	COMB2	2.400	2.400	COMB18	1.000	COMB18	5.400	COMB3	2.300	No Message	No Message
NE+3.45	B83	V35X45	1.203	COMB2	3.300	3.300	COMB2	1.400	1.400	COMB18	1.000	COMB18	5.400	COMB3	2.300	No Message	No Message
NE+3.45	B83	V35X45	2.180	COMB2	0.017	0.017	COMB2	0.006	0.006	COMB18	1.000	COMB18	5.400	COMB3	2.300	No Message	No Message
NE+3.45	B86	V12X35	0.000	COMB9	1.200	1.200	COMB6	0.500	0.500	COMB2	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B86	V12X35	2.260	COMB2	0.800	0.800	COMB2	1.200	2.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B86	V12X35	4.520	COMB2	1.200	3.100	COMB2	1.200	1.200	COMB2	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B87	V12X35	0.000	COMB2	1.200	3.000	COMB2	1.200	1.200	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B87	V12X35	2.175	COMB2	0.700	0.700	COMB2	1.200	2.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B87	V12X35	4.350	COMB2	1.200	2.600	COMB2	1.100	1.100	COMB2	1.800	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B88	V12X35	0.000	COMB2	1.200	2.700	COMB2	1.100	1.100	COMB2	2.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B88	V12X35	2.260	COMB2	0.700	0.700	COMB2	1.200	2.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B88	V12X35	4.520	COMB2	1.200	2.900	COMB2	1.200	1.200	COMB2	2.000	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+3.45	B89	V12X35	0.000	COMB2	1.200	2.900	COMB2	1.200	1.200	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B89	V12X35	2.175	COMB2	0.700	0.700	COMB2	1.200	2.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B89	V12X35	4.350	COMB2	1.200	2.600	COMB2	1.100	1.100	COMB2	1.800	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B90	V20X35	0.000	COMB2	2.100	2.600	COMB2	1.100	1.100	COMB16	1.700	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B90	V20X35	2.260	COMB2	0.700	0.700	COMB2	2.100	2.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B90	V20X35	4.520	COMB2	2.100	2.900	COMB2	1.200	1.200	COMB18	1.700	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B91	V12X35	0.000	COMB2	1.200	2.900	COMB2	1.200	1.200	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B91	V12X35	2.175	COMB2	0.700	0.700	COMB2	1.200	2.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B91	V12X35	4.350	COMB2	1.200	2.600	COMB2	1.100	1.100	COMB2	1.800	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B92	V12X35	0.000	COMB2	1.200	2.700	COMB2	1.100	1.100	COMB2	1.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B92	V12X35	2.260	COMB2	0.700	0.700	COMB2	1.200	2.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B92	V12X35	4.520	COMB2	1.200	3.000	COMB2	1.200	1.200	COMB2	2.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B93	V12X35	0.000	COMB2	1.200	3.000	COMB2	1.200	1.200	COMB2	2.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B93	V12X35	2.175	COMB2	0.700	0.700	COMB2	1.200	2.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B93	V12X35	4.350	COMB4	1.200	1.200	COMB3	0.500	0.500	COMB2	1.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.20	B36	V25X45	0.000	COMB18	0.000	0.000	COMB5	0.900	0.900	COMB15	0.400	COMB16	4.000	COMB10	1.800	No Message	No Message
NE+3.20	B36	V25X45	0.688	COMB12	0.600	0.600	COMB6	1.000	1.000	COMB15	0.400	COMB16	4.000	COMB10	1.800	No Message	No Message
NE+3.20	B36	V25X45	1.375	COMB4	1.400	1.400	COMB14	1.100	1.100	COMB15	0.400	COMB16	4.000	COMB10	1.800	No Message	No Message

Story	Label	Design Sect	Station	DesignOpt	PMMCombo	AsMin	As	Mid Bar As	Corner BarAs	Vmaj Combo	VMajRebar	Vmin Combo	VMinRebar	WarnMsg	ErrMsg
			m			cm²	cm²	cm²	cm²		cm²/m		cm²/m		
NE+6.80	C1	C45X45	0.000	Design	COMB15	20.300	20.300	2.500	2.500	COMB12	3.800	COMB16	3.800	No Message	No Message
NE+6.80	C1	C45X45	1.500	Design	COMB9	20.300	20.300	2.500	2.500	COMB12	3.800	COMB16	3.800	No Message	No Message
NE+6.80	C1	C45X45	3.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB12	3.800	COMB16	3.800	No Message	No Message
NE+6.80	C2	C45X45	0.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C2	C45X45	1.500	Design	COMB10	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C2	C45X45	3.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C3	C45X45	0.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C3	C45X45	1.500	Design	COMB10	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C3	C45X45	3.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C4	C45X45	0.000	Design	COMB12	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C4	C45X45	1.500	Design	COMB10	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C4	C45X45	3.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C5	C45X45	0.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C5	C45X45	1.500	Design	COMB10	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C5	C45X45	3.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C6	C45X45	0.000	Design	COMB12	20.300	20.300	2.500	2.500	COMB18	0.000	COMB7	3.800	No Message	No Message
NE+6.80	C6	C45X45	1.500	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C6	C45X45	3.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB18	0.000	COMB8	3.800	No Message	No Message
NE+6.80	C7	C45X45	0.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C7	C45X45	1.500	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C7	C45X45	3.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB16	3.800	No Message	No Message
NE+6.80	C8	C45X45	0.000	Design	COMB12	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C8	C45X45	1.500	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C8	C45X45	3.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C9	C45X45	0.000	Design	COMB16	20.300	20.300	2.500	2.500	COMB14	3.800	COMB16	3.800	No Message	No Message
NE+6.80	C9	C45X45	1.500	Design	COMB10	20.300	20.300	2.500	2.500	COMB14	3.800	COMB16	3.800	No Message	No Message
NE+6.80	C9	C45X45	3.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB16	3.800	No Message	No Message
NE+6.80	C10	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C10	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C10	C45X45	3.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C11	C45X45	0.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C11	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C11	C45X45	3.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C12	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C12	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C12	C45X45	3.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C13	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C13	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C13	C45X45	3.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C14	C45X45	0.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C14	C45X45	1.500	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C14	C45X45	3.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C15	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB11	3.800	COMB18	3.800	No Message	No Message
NE+6.80	C15	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB11	3.800	COMB18	3.800	No Message	No Message
NE+6.80	C15	C45X45	3.000	Design	COMB10	20.300	20.300	2.500	2.500	COMB11	3.800	COMB18	3.800	No Message	No Message
NE+6.80	C16	C45X45	0.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C16	C45X45	1.500	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C16	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C17	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C17	C45X45	1.500	Design	COMB16	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C17	C45X45	3.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C18	C45X45	0.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C18	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C18	C45X45	3.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C19	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C19	C45X45	1.500	Design	COMB15	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C19	C45X45	3.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C20	C45X45	0.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C20	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C20	C45X45	3.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C21	C45X45	0.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C21	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C21	C45X45	3.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message

NE+6.80	C22	C45X45	0.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C22	C45X45	1.500	Design	COMB1	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C22	C45X45	3.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	3.800	No Message	No Message
NE+6.80	C23	C45X45	0.000	Design	COMB10	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+6.80	C23	C45X45	1.500	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+6.80	C23	C45X45	3.000	Design	COMB9	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C1	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C1	C45X45	1.500	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C1	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C2	C45X45	0.000	Design	COMB11	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C2	C45X45	1.500	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C2	C45X45	3.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C3	C45X45	0.000	Design	COMB15	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C3	C45X45	1.500	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C3	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C4	C45X45	0.000	Design	COMB17	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C4	C45X45	1.500	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C4	C45X45	3.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C5	C45X45	0.000	Design	COMB15	20.300	21.800	2.700	2.700	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C5	C45X45	1.500	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C5	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C6	C45X45	0.000	Design	COMB18	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C6	C45X45	1.500	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C6	C45X45	3.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C7	C45X45	0.000	Design	COMB16	20.300	23.500	2.900	2.900	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C7	C45X45	1.500	Design	COMB16	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C7	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C8	C45X45	0.000	Design	COMB18	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C8	C45X45	1.500	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C8	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C9	C45X45	0.000	Design	COMB7	20.300	26.700	3.300	3.300	COMB12	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C9	C45X45	1.500	Design	COMB16	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C9	C45X45	3.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C10	C45X45	0.000	Design	COMB8	20.300	30.200	3.800	3.800	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C10	C45X45	1.500	Design	COMB3	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C10	C45X45	3.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C11	C45X45	0.000	Design	COMB7	20.300	25.100	3.100	3.100	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C11	C45X45	1.500	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C11	C45X45	3.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C12	C45X45	0.000	Design	COMB8	20.300	26.900	3.400	3.400	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C12	C45X45	1.500	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C12	C45X45	3.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C13	C45X45	0.000	Design	COMB8	20.300	29.100	3.600	3.600	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C13	C45X45	1.500	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C13	C45X45	3.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C14	C45X45	0.000	Design	COMB7	20.300	35.400	4.400	4.400	COMB12	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C14	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C14	C45X45	3.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C15	C45X45	0.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB15	3.800	No Message	No Message
NE+3.45	C15	C45X45	1.500	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB15	3.800	No Message	No Message
NE+3.45	C15	C45X45	3.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB14	3.800	COMB15	3.800	No Message	No Message
NE+3.45	C16	C45X45	0.000	Design	COMB11	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C16	C45X45	1.500	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C16	C45X45	3.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C17	C45X45	0.000	Design	COMB11	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C17	C45X45	1.500	Design	COMB7	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C17	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C18	C45X45	0.000	Design	COMB11	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C18	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C18	C45X45	3.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C19	C45X45	0.000	Design	COMB18	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C19	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C19	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C20	C45X45	0.000	Design	COMB14	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C20	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C20	C45X45	3.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C21	C45X45	0.000	Design	COMB18	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C21	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C21	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C22	C45X45	0.000	Design	COMB16	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C22	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C22	C45X45	3.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C23	C45X45	0.000	Design	COMB7	20.300	24.300	3.000	3.000	COMB12	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C23	C45X45	1.500	Design	COMB8	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	3.800	No Message	No Message
NE+3.45	C23	C45X45	3.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	3.800	No Message	No Message

3.2 REVISIÓN COLUMNA FUERTE – VIGA DÉBIL

Story	Label	DesignSect	BCMaj Combo	BCMajRatio	BCMin Combo	BCMinRatio	JSMaj Combo	JSMajRatio	JSMin Combo	JSMinRatio	WarnMsg	ErrMsg
NE+6.80	C1	C45X45	COMB12	0.540	COMB12	0.286	COMB3	0.580	COMB3	0.370	No Message	No Message
NE+6.80	C2	C45X45	COMB13	0.687	COMB13	0.484	COMB3	0.815	COMB3	0.798	No Message	No Message
NE+6.80	C3	C45X45	COMB18	0.637	COMB18	0.497	COMB3	0.752	COMB3	0.828	No Message	No Message
NE+6.80	C4	C45X45	COMB13	0.509	COMB13	0.387	COMB3	0.537	COMB3	0.516	No Message	No Message
NE+6.80	C5	C45X45	COMB11	0.539	COMB11	0.416	COMB3	0.590	COMB3	0.577	No Message	No Message
NE+6.80	C6	C45X45	COMB16	0.648	COMB16	0.485	COMB3	0.832	COMB3	0.890	No Message	No Message
NE+6.80	C7	C45X45	COMB15	0.601	COMB15	0.497	COMB3	0.762	COMB3	0.916	No Message	No Message
NE+6.80	C8	C45X45	COMB14	0.504	COMB14	0.444	COMB3	0.541	COMB3	0.618	No Message	No Message
NE+6.80	C9	C45X45	COMB12	0.645	COMB12	0.505	COMB3	0.775	COMB3	0.735	No Message	No Message
NE+6.80	C10	C45X45	COMB13	0.829	COMB13	0.475	COMB3	0.936	COMB3	0.964	No Message	No Message
NE+6.80	C11	C45X45	COMB11	0.757	COMB11	0.480	COMB3	0.931	COMB3	0.903	No Message	No Message
NE+6.80	C12	C45X45	COMB14	0.650	COMB14	0.665	COMB3	0.758	COMB3	0.955	No Message	No Message
NE+6.80	C13	C45X45	COMB12	0.686	COMB12	0.427	COMB3	0.827	COMB3	0.598	No Message	No Message
NE+6.80	C14	C45X45	COMB14	0.872	COMB14	0.529	COMB3	0.936	COMB3	0.902	No Message	No Message
NE+6.80	C15	C45X45	COMB12	0.746	COMB12	0.498	COMB3	0.931	COMB3	0.910	No Message	No Message
NE+6.80	C16	C45X45	COMB13	0.659	COMB13	0.654	COMB3	0.782	COMB3	0.949	No Message	No Message
NE+6.80	C17	C45X45	COMB12	0.651	COMB12	0.326	COMB3	0.731	COMB3	0.433	No Message	No Message
NE+6.80	C18	C45X45	COMB13	0.793	COMB13	0.493	COMB3	0.902	COMB3	0.891	No Message	No Message
NE+6.80	C19	C45X45	COMB12	0.746	COMB12	0.501	COMB3	0.961	COMB3	0.917	No Message	No Message
NE+6.80	C20	C45X45	COMB13	0.622	COMB13	0.449	COMB3	0.683	COMB3	0.617	No Message	No Message
NE+6.80	C21	C45X45	COMB11	0.638	COMB11	0.471	COMB3	0.736	COMB3	0.684	No Message	No Message
NE+6.80	C22	C45X45	COMB14	0.687	COMB14	0.476	COMB3	0.977	COMB3	0.956	No Message	No Message
NE+6.80	C23	C45X45	COMB15	0.656	COMB15	0.490	COMB3	0.926	COMB3	0.991	No Message	No Message
NE+3.45	C1	C45X45	COMB14	0.616	COMB14	0.514	COMB3	0.698	COMB3	0.752	No Message	No Message
NE+3.45	C2	C45X45	COMB12	0.756	COMB12	0.580	COMB3	0.978	COMB3	0.896	No Message	No Message
NE+3.45	C3	C45X45	COMB13	0.713	COMB13	0.475	COMB3	0.942	COMB3	0.921	No Message	No Message
NE+3.45	C4	C45X45	COMB11	0.615	COMB11	0.439	COMB3	0.936	COMB3	0.928	No Message	No Message
NE+3.45	C5	C45X45	COMB14	0.732	COMB14	0.735	COMB3	0.952	COMB3	0.916	No Message	No Message
NE+3.45	C6	C45X45	COMB12	0.804	COMB12	0.495	COMB3	0.904	COMB3	0.729	No Message	No Message
NE+3.45	C7	C45X45	COMB14	0.704	COMB14	0.494	COMB3	0.942	COMB3	0.926	No Message	No Message
NE+3.45	C8	C45X45	COMB12	0.587	COMB12	0.443	COMB3	0.937	COMB3	0.938	No Message	No Message
NE+3.45	C9	C45X45	COMB13	0.692	COMB13	0.657	COMB3	0.996	COMB3	0.915	No Message	No Message
NE+3.45	C10	C45X45	COMB12	0.769	COMB12	0.376	COMB3	0.910	COMB3	0.517	No Message	No Message
NE+3.45	C11	C45X45	COMB13	0.760	COMB13	0.434	COMB3	0.921	COMB3	0.955	No Message	No Message
NE+3.45	C12	C45X45	COMB12	0.816	COMB12	0.498	COMB3	0.916	COMB3	0.989	No Message	No Message
NE+3.45	C13	C45X45	COMB13	0.761	COMB13	0.526	COMB3	0.881	COMB3	0.755	No Message	No Message
NE+3.45	C14	C45X45	COMB11	0.081	COMB11	0.469	COMB3	0.039	COMB3	0.164	No Message	No Message
NE+3.45	C15	C45X45	COMB14	0.214	COMB14	0.965	COMB3	0.140	COMB3	0.454	No Message	No Message
NE+3.45	C16	C45X45	COMB11	0.211	COMB11	0.976	COMB3	0.140	COMB3	0.468	No Message	No Message
NE+3.45	C17	C45X45	COMB14	0.081	COMB14	0.467	COMB3	0.039	COMB3	0.163	No Message	No Message
NE+3.45	C18	C45X45	COMB11	0.169	COMB11	0.133	COMB3	0.184	COMB3	0.231	No Message	No Message
NE+3.45	C19	C45X45	COMB14	0.242	COMB14	0.305	COMB3	0.359	COMB3	0.604	No Message	No Message
NE+3.45	C20	C45X45	COMB11	0.243	COMB11	0.320	COMB3	0.355	COMB3	0.626	No Message	No Message
NE+3.45	C21	C45X45	COMB14	0.160	COMB14	0.127	COMB3	0.184	COMB3	0.233	No Message	No Message
NE+3.45	C22	C45X45	COMB12	0.213	COMB12	0.161	COMB3	0.259	COMB3	0.312	No Message	No Message
NE+3.45	C23	C45X45	COMB13	0.556	COMB13	0.204	COMB3	0.936	COMB3	0.421	No Message	No Message

3.3 REVISIÓN CORTANTE PLÁSTICO

Story	Label	Design Sect	Station m	AsTopComb o	AsMinTop cm²	AsTop cm²	AsBotCom bo	AsMinBot cm²	AsBot cm²	VCombo	VRebar cm²/m	TLngComb o	TLngRebar cm²	TTrn Combo	TTrnRebar cm²/m	WarnMsg	ErrMsg
NE+6.80	B1	V15X35	0.000	CORPL6	0.200	0.200	CORPL8	0.100	0.100	CORPL18	0.000	CORPL3	1.800	CORPL5	1.700	No Message	No Message
NE+6.80	B1	V15X35	1.090	CORPL8	1.200	1.200	CORPL8	0.700	0.700	CORPL18	0.000	CORPL3	1.800	CORPL5	1.700	No Message	No Message
NE+6.80	B1	V15X35	2.180	CORPL8	1.500	2.300	CORPL8	1.100	1.100	CORPL16	1.300	CORPL3	1.800	CORPL5	1.700	No Message	No Message
NE+6.80	B2	V15X35	0.000	CORPL6	1.500	2.400	CORPL8	1.100	1.100	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B2	V15X35	2.260	CORPL8	0.700	0.700	CORPL4	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B2	V15X35	4.520	CORPL7	1.500	1.700	CORPL7	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B3	V15X35	0.000	CORPL8	1.500	1.700	CORPL8	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B3	V15X35	2.175	CORPL8	0.600	0.600	CORPL8	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B3	V15X35	4.350	CORPL4	1.500	1.600	CORPL7	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B4	V15X35	0.000	CORPL5	1.500	1.600	CORPL8	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B4	V15X35	2.260	CORPL7	0.600	0.600	CORPL8	1.300	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B4	V15X35	4.520	CORPL7	1.500	1.900	CORPL7	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B5	V15X35	0.000	CORPL8	1.500	1.800	CORPL8	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B5	V15X35	2.175	CORPL8	0.600	0.600	CORPL8	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B5	V15X35	4.350	CORPL3	1.500	1.600	CORPL7	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B6	V15X35	0.000	CORPL5	1.500	1.600	CORPL8	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B6	V15X35	2.260	CORPL7	0.600	0.600	CORPL8	1.300	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B6	V15X35	4.520	CORPL7	1.500	1.900	CORPL7	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B7	V15X35	0.000	CORPL8	1.500	1.800	CORPL8	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B7	V15X35	2.175	CORPL8	0.600	0.600	CORPL8	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B7	V15X35	4.350	CORPL4	1.500	1.600	CORPL7	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message

NE+6.80	B8	V15X35	0.000	CORPL5	1.500	1.700	CORPL8	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B8	V15X35	2.260	CORPL7	0.600	0.600	CORPL8	1.300	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B8	V15X35	4.520	CORPL7	1.500	1.700	CORPL7	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B9	V15X35	0.000	CORPL8	1.500	1.700	CORPL8	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B9	V15X35	2.175	CORPL7	0.700	0.700	CORPL5	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B9	V15X35	4.350	CORPL3	1.500	2.400	CORPL7	1.100	1.100	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B10	V15X35	0.000	CORPL7	1.500	2.300	CORPL7	1.500	1.500	CORPL10	3.400	CORPL8	1.800	CORPL4	1.700	No Message	No Message
NE+6.80	B10	V15X35	1.090	CORPL7	1.200	1.200	CORPL7	0.800	0.800	CORPL10	2.700	CORPL8	1.800	CORPL4	1.700	No Message	No Message
NE+6.80	B10	V15X35	2.180	CORPL3	0.200	0.200	CORPL7	0.100	0.100	CORPL10	2.000	CORPL8	1.800	CORPL4	1.700	No Message	No Message
NE+6.80	B11	V15X35	0.000	CORPL10	0.200	0.200	CORPL4	0.100	0.100	CORPL18	0.000	CORPL8	1.800	CORPL9	1.700	No Message	No Message
NE+6.80	B11	V15X35	1.090	CORPL10	0.800	0.800	CORPL4	0.700	0.700	CORPL18	0.000	CORPL8	1.800	CORPL9	1.700	No Message	No Message
NE+6.80	B11	V15X35	2.180	CORPL10	1.500	2.200	CORPL4	1.000	1.000	CORPL15	1.300	CORPL8	1.800	CORPL9	1.700	No Message	No Message
NE+6.80	B12	V30X35	0.000	CORPL17	0.300	0.300	CORPL9	0.500	0.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B12	V30X35	0.978	CORPL5	3.100	4.000	CORPL9	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B12	V30X35	1.955	CORPL6	3.100	9.500	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B13	V30X35	0.000	CORPL10	0.300	0.300	CORPL10	0.300	0.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B13	V30X35	0.978	CORPL10	3.100	4.400	CORPL10	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B13	V30X35	1.955	CORPL4	3.100	9.400	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B14	V30X35	0.000	CORPL17	0.400	0.400	CORPL17	0.400	0.400	CORPL18	2.500	CORPL5	3.600	CORPL5	0.800	No Message	No Message
NE+6.80	B14	V30X35	0.978	CORPL10	3.100	4.700	CORPL9	2.700	2.700	CORPL18	2.500	CORPL5	3.600	CORPL5	0.800	No Message	No Message
NE+6.80	B14	V30X35	1.955	CORPL10	3.100	10.000	CORPL9	3.100	3.200	CORPL18	2.500	CORPL5	3.600	CORPL5	0.800	No Message	No Message
NE+6.80	B15	V30X35	0.000	CORPL10	0.300	0.300	CORPL10	0.300	0.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B15	V30X35	0.978	CORPL9	3.100	4.400	CORPL10	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B15	V30X35	1.955	CORPL8	3.100	9.700	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B16	V30X35	0.000	CORPL17	0.400	0.400	CORPL17	0.400	0.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B16	V30X35	0.978	CORPL9	3.100	4.600	CORPL9	2.700	2.700	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B16	V30X35	1.955	CORPL10	3.100	9.900	CORPL9	3.100	3.200	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B17	V30X35	0.000	CORPL10	0.300	0.300	CORPL10	0.300	0.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B17	V30X35	0.978	CORPL10	3.100	4.400	CORPL10	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B17	V30X35	1.955	CORPL7	3.100	9.700	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B18	V30X35	0.000	CORPL17	0.400	0.400	CORPL17	0.400	0.400	CORPL18	2.500	CORPL5	3.600	CORPL5	0.800	No Message	No Message
NE+6.80	B18	V30X35	0.978	CORPL9	3.100	4.700	CORPL9	2.700	2.700	CORPL18	2.500	CORPL5	3.600	CORPL5	0.800	No Message	No Message
NE+6.80	B18	V30X35	1.955	CORPL9	3.100	10.000	CORPL9	3.100	3.200	CORPL18	2.500	CORPL5	3.600	CORPL5	0.800	No Message	No Message
NE+6.80	B19	V30X35	0.000	CORPL9	0.300	0.300	CORPL9	0.300	0.300	CORPL18	2.500	CORPL12	3.600	CORPL3	0.900	No Message	No Message
NE+6.80	B19	V30X35	0.978	CORPL9	3.100	4.400	CORPL9	2.500	2.500	CORPL18	2.500	CORPL12	3.600	CORPL3	0.900	No Message	No Message
NE+6.80	B19	V30X35	1.955	CORPL5	3.100	9.400	CORPL10	3.100	3.100	CORPL18	2.500	CORPL12	3.600	CORPL3	0.900	No Message	No Message
NE+6.80	B20	V30X35	0.000	CORPL18	0.300	0.300	CORPL10	0.500	0.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B20	V30X35	0.978	CORPL4	3.100	4.000	CORPL10	2.400	2.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B20	V30X35	1.955	CORPL3	3.100	9.300	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B21	V15X35	0.000	CORPL9	0.200	0.200	CORPL5	0.200	0.200	CORPL18	1.900	CORPL6	1.800	CORPL10	1.700	No Message	No Message
NE+6.80	B21	V15X35	1.090	CORPL9	0.800	0.800	CORPL5	0.800	0.800	CORPL18	2.400	CORPL6	1.800	CORPL10	1.700	No Message	No Message
NE+6.80	B21	V15X35	2.180	CORPL9	1.500	2.300	CORPL9	1.500	1.500	CORPL18	3.200	CORPL6	1.800	CORPL10	1.700	No Message	No Message
NE+6.80	B22	V30X35	0.000	CORPL13	0.300	0.300	CORPL5	0.500	0.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B22	V30X35	0.978	CORPL9	3.100	4.300	CORPL5	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B22	V30X35	1.955	CORPL10	3.100	9.500	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B23	V30X35	0.225	CORPL5	3.100	6.100	CORPL6	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B23	V30X35	2.260	CORPL5	2.500	2.500	CORPL5	2.500	2.500	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B23	V30X35	4.295	CORPL4	3.100	3.500	CORPL13	3.100	3.700	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B24	V30X35	0.225	CORPL5	3.100	4.600	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B24	V30X35	2.175	CORPL5	1.900	1.900	CORPL5	1.900	1.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B24	V30X35	4.125	CORPL4	3.100	4.100	CORPL13	3.100	3.300	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B25	V30X35	0.225	CORPL5	3.100	4.500	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B25	V30X35	2.260	CORPL5	1.700	1.700	CORPL5	1.700	1.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B25	V30X35	4.295	CORPL4	3.100	4.100	CORPL14	3.100	3.100	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B26	V30X35	0.225	CORPL5	3.100	4.400	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B26	V30X35	2.175	CORPL5	1.500	1.500	CORPL5	1.500	1.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B26	V30X35	4.125	CORPL4	3.100	4.300	CORPL14	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B27	V30X35	0.225	CORPL5	3.100	4.300	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B27	V30X35	2.260	CORPL4	1.500	1.500	CORPL4	1.500	1.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B27	V30X35	4.295	CORPL4	3.100	4.300	CORPL14	3.100	3.100	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B28	V30X35	0.225	CORPL5	3.100	4.200	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B28	V30X35	2.175	CORPL4	1.700	1.700	CORPL4	1.700	1.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B28	V30X35	4.125	CORPL4	3.100	4.600	CORPL14	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B29	V30X35	0.225	CORPL5	3.100	4.100	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B29	V30X35	2.260	CORPL4	1.900	1.900	CORPL4	1.900	1.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B29	V30X35	4.295	CORPL4	3.100	4.600	CORPL14	3.100	3.100	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B30	V30X35	0.225	CORPL5	3.100	3.600	CORPL12	3.100	3.800	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B30	V30X35	2.175	CORPL4	2.500	2.500	CORPL4	2.500	2.500	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B30	V30X35	4.125	CORPL4	3.100	6.200	CORPL4	3.100	3.100	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B31	V30X35	0.225	CORPL9	3.100	9.500	CORPL10	3.100	4.500	CORPL10	12.500	CORPL16	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B31	V30X35	1.203	CORPL10	3.100	4.300	CORPL4	3.000	3.000	CORPL10	12.200	CORPL16	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B31	V30X35	2.180	CORPL12	0.300	0.300	CORPL4	0.500	0.500	CORPL10	11.900	CORPL16	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B32	V15X35	0.000	CORPL10	1.500	2.400	CORPL4	1.100	1.100	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B32	V15X35	2.155	CORPL4	0.700	0.700	CORPL7	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B32	V15X35	4.310	CORPL10	1.500	1.500	CORPL3	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B33	V30X35	0.225	CORPL9	3.100	7.000	CORPL15	3.100	3.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B33	V30X35	2.155	CORPL9	2.500	2.500	CORPL9	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B33	V30X35	4.085	CORPL7	3.100	5.800	CORPL17	3.100	4.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B34	V30X35	0.225	CORPL9	3.100	6.600	CORPL10	3.000	3.000	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B34	V30X35	2.268	CORPL10	1.900	1.900	CORPL8	3.100	3.100	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B34	V30X35	4.310	CORPL7	0.400	0.400	CORPL10	2.200	2.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B35	V30X35	0.225	CORPL9	3.100	6.400	CORPL15	3.100	3.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B35	V30X35	2.155	CORPL9	2.500	2.500	CORPL9	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B35	V30X35	4.085	CORPL7	3.100	5.600	CORPL17	3.100	4.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B36	V30X35	0.225	CORPL9	3.100	6.800	CORPL9	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B36	V30X35	2.268	CORPL10	1.900	1.900	CORPL8	3.100	3.100	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B36	V30X35	4.310	CORPL7	0.400	0.400	CORPL9	2.500	2.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B37	V30X35	0.225	CORPL9	3.100	6.400	CORPL16	3.100	3.600	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B37	V30X35	2.155	CORPL9	2.500	2.500	CORPL9	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B37	V30X35	4.085	CORPL8	3.100	5.700	CORPL17	3.100	4.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B38	V30X35	0.225	CORPL9	3.100	6.800	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B38	V30X35	2.268	CORPL10	2.000	2.000	CORPL8	3.100	3.100	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B38	V30X35	4.310	CORPL7	0.400	0.400	CORPL9	2.500	2.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B39	V30X35	0.225	CORPL10	3.100	6.600	CORPL16	3.100	3.700	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B39	V30X35	2.155	CORPL10	2.500	2.500	CORPL10	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B39	V30X35	4.085	CORPL8	3.100	5.800	CORPL18	3.100	4.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message

NE+6.80	B40	V30X35	0.225	CORPL9	3.100	6.700	CORPL9	3.000	3.000	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B40	V30X35	2.268	CORPL9	1.900	1.900	CORPL8	3.100	3.100	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B40	V30X35	4.310	CORPL7	0.300	0.300	CORPL9	2.200	2.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B41	V30X35	0.225	CORPL10	3.100	7.200	CORPL16	3.100	3.800	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B41	V30X35	2.155	CORPL10	2.600	2.600	CORPL10	2.600	2.600	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B41	V30X35	4.085	CORPL8	3.100	6.100	CORPL18	3.100	4.600	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B42	V15X35	0.000	CORPL9	1.500	2.400	CORPL9	1.500	1.500	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B42	V15X35	2.155	CORPL5	0.900	0.900	CORPL8	1.100	1.100	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B42	V15X35	4.310	CORPL9	1.500	1.500	CORPL6	1.100	1.100	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B43	V30X35	0.000	CORPL6	0.300	0.300	CORPL6	0.300	0.300	CORPL14	2.500	CORPL18	3.600	CORPL7	1.200	No Message	No Message
NE+6.80	B43	V30X35	0.978	CORPL5	3.100	4.100	CORPL6	2.400	2.400	CORPL14	2.500	CORPL18	3.600	CORPL7	1.200	No Message	No Message
NE+6.80	B43	V30X35	1.955	CORPL5	3.100	8.600	CORPL10	3.100	3.100	CORPL14	2.500	CORPL18	3.600	CORPL7	1.200	No Message	No Message
NE+6.80	B44	V30X35	0.225	CORPL5	3.100	5.500	CORPL5	2.600	2.600	CORPL6	2.500	CORPL16	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B44	V30X35	2.373	CORPL6	1.700	1.700	CORPL6	1.700	1.700	CORPL16	0.800	CORPL16	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B44	V30X35	4.520	CORPL14	0.400	0.400	CORPL5	2.900	2.900	CORPL16	0.800	CORPL16	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B45	V30X35	0.000	CORPL14	0.500	0.500	CORPL5	2.600	2.600	CORPL16	0.800	CORPL16	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B45	V30X35	2.063	CORPL5	1.000	1.000	CORPL6	2.300	2.300	CORPL16	0.800	CORPL16	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B45	V30X35	4.125	CORPL4	3.100	4.000	CORPL14	1.700	1.700	CORPL4	2.500	CORPL16	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B46	V30X35	0.225	CORPL5	3.100	4.400	CORPL5	2.000	2.000	CORPL6	2.500	CORPL16	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B46	V30X35	2.373	CORPL6	1.200	1.200	CORPL3	1.700	1.700	CORPL8	0.800	CORPL16	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B46	V30X35	4.520	CORPL14	0.200	0.200	CORPL5	2.500	2.500	CORPL8	0.800	CORPL16	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B47	V30X35	0.000	CORPL14	0.300	0.300	CORPL9	2.200	2.200	CORPL16	0.800	CORPL16	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B47	V30X35	2.063	CORPL3	1.000	1.000	CORPL6	2.000	2.000	CORPL16	0.800	CORPL16	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B47	V30X35	4.125	CORPL4	3.100	4.200	CORPL4	1.800	1.800	CORPL4	2.500	CORPL16	3.600	CORPL7	0.900	No Message	No Message
NE+6.80	B48	V30X35	0.225	CORPL5	3.100	4.200	CORPL5	1.700	1.700	CORPL6	2.500	CORPL16	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B48	V30X35	2.373	CORPL6	1.000	1.000	CORPL3	2.000	2.000	CORPL7	0.700	CORPL16	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B48	V30X35	4.520	CORPL11	0.300	0.300	CORPL5	2.200	2.200	CORPL7	0.700	CORPL16	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B49	V30X35	0.000	CORPL11	0.200	0.200	CORPL4	2.400	2.400	CORPL15	0.800	CORPL16	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B49	V30X35	2.063	CORPL3	1.200	1.200	CORPL6	1.700	1.700	CORPL15	0.800	CORPL16	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B49	V30X35	4.125	CORPL4	3.100	4.400	CORPL4	2.000	2.000	CORPL4	2.500	CORPL16	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B50	V30X35	0.225	CORPL5	3.100	4.000	CORPL11	1.600	1.600	CORPL6	2.500	CORPL16	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B50	V30X35	2.373	CORPL4	0.900	0.900	CORPL3	2.300	2.300	CORPL15	0.800	CORPL16	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B50	V30X35	4.520	CORPL11	0.500	0.500	CORPL4	2.500	2.500	CORPL15	0.800	CORPL16	3.600	CORPL8	0.900	No Message	No Message
NE+6.80	B51	V30X35	0.000	CORPL11	0.400	0.400	CORPL4	2.800	2.800	CORPL15	0.700	CORPL16	3.600	CORPL8	1.000	No Message	No Message
NE+6.80	B51	V30X35	2.063	CORPL11	1.800	1.800	CORPL3	1.700	1.700	CORPL15	0.700	CORPL16	3.600	CORPL8	1.000	No Message	No Message
NE+6.80	B51	V30X35	4.125	CORPL4	3.100	5.600	CORPL4	2.600	2.600	CORPL4	2.500	CORPL16	3.600	CORPL8	1.000	No Message	No Message
NE+6.80	B52	V30X35	0.225	CORPL4	3.100	8.600	CORPL4	3.100	4.200	CORPL10	11.500	CORPL18	3.600	CORPL8	1.300	No Message	No Message
NE+6.80	B52	V30X35	1.203	CORPL4	3.100	4.100	CORPL3	2.900	2.900	CORPL10	11.200	CORPL18	3.600	CORPL8	1.300	No Message	No Message
NE+6.80	B52	V30X35	2.180	CORPL3	0.300	0.300	CORPL3	0.300	0.300	CORPL10	10.900	CORPL18	3.600	CORPL8	1.300	No Message	No Message
NE+6.80	B53	V15X35	0.000	CORPL10	1.500	1.500	CORPL4	0.800	0.800	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B53	V15X35	2.075	CORPL3	0.800	0.800	CORPL10	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B53	V15X35	4.150	CORPL7	1.500	2.400	CORPL3	1.100	1.100	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B54	V30X35	0.225	CORPL9	3.100	5.000	CORPL8	3.100	5.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B54	V30X35	2.075	CORPL8	2.900	2.900	CORPL8	2.900	2.900	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B54	V30X35	3.925	CORPL8	3.100	8.100	CORPL17	3.100	3.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B55	V30X35	0.000	CORPL10	0.400	0.400	CORPL7	2.200	2.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B55	V30X35	1.963	CORPL7	2.100	2.100	CORPL9	2.700	2.700	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B55	V30X35	3.925	CORPL7	3.100	7.500	CORPL8	3.100	3.100	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B56	V30X35	0.225	CORPL9	3.100	4.400	CORPL7	3.100	5.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B56	V30X35	2.075	CORPL7	3.000	3.000	CORPL7	3.000	3.000	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B56	V30X35	3.925	CORPL7	3.100	8.000	CORPL17	3.100	3.200	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B57	V30X35	0.000	CORPL10	0.400	0.400	CORPL8	2.500	2.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B57	V30X35	1.963	CORPL7	2.200	2.200	CORPL9	2.700	2.700	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B57	V30X35	3.925	CORPL7	3.100	7.700	CORPL8	3.100	3.100	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B58	V30X35	0.225	CORPL9	3.100	4.400	CORPL8	3.100	5.600	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B58	V30X35	2.075	CORPL8	3.000	3.000	CORPL8	3.000	3.000	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B58	V30X35	3.925	CORPL8	3.100	8.000	CORPL17	3.100	3.200	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B59	V30X35	0.000	CORPL10	0.400	0.400	CORPL8	2.600	2.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B59	V30X35	1.963	CORPL8	2.200	2.200	CORPL10	2.700	2.700	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B59	V30X35	3.925	CORPL8	3.100	7.700	CORPL8	3.100	3.100	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B60	V30X35	0.225	CORPL10	3.100	4.500	CORPL8	3.100	5.700	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B60	V30X35	2.075	CORPL8	3.100	3.100	CORPL8	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B60	V30X35	3.925	CORPL8	3.100	8.100	CORPL18	3.100	3.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B61	V30X35	0.000	CORPL9	0.400	0.400	CORPL8	2.300	2.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B61	V30X35	1.963	CORPL8	2.200	2.200	CORPL10	2.800	2.800	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B61	V30X35	3.925	CORPL8	3.100	7.600	CORPL8	3.100	3.100	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B62	V30X35	0.225	CORPL10	3.100	5.200	CORPL7	3.100	5.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B62	V30X35	2.075	CORPL7	3.000	3.000	CORPL7	3.000	3.000	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B62	V30X35	3.925	CORPL7	3.100	8.400	CORPL18	3.100	3.600	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B63	V15X35	0.000	CORPL10	1.500	1.500	CORPL5	1.100	1.100	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B63	V15X35	2.075	CORPL6	0.900	0.900	CORPL9	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B63	V15X35	4.150	CORPL8	1.500	2.500	CORPL8	1.500	1.500	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B64	V30X35	0.000	CORPL14	0.300	0.300	CORPL6	0.500	0.500	CORPL18	2.500	CORPL8	3.600	CORPL8	0.800	No Message	No Message
NE+6.80	B64	V30X35	0.978	CORPL8	3.100	4.200	CORPL6	2.500	2.500	CORPL18	2.500	CORPL8	3.600	CORPL8	0.800	No Message	No Message
NE+6.80	B64	V30X35	1.955	CORPL7	3.100	9.400	CORPL10	3.100	3.100	CORPL18	2.500	CORPL8	3.600	CORPL8	0.800	No Message	No Message
NE+6.80	B65	V30X35	0.225	CORPL6	3.100	6.100	CORPL6	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B65	V30X35	2.260	CORPL6	2.400	2.400	CORPL6	2.400	2.400	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B65	V30X35	4.295	CORPL3	3.100	3.500	CORPL14	3.100	3.700	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B66	V30X35	0.225	CORPL6	3.100	4.600	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B66	V30X35	2.175	CORPL6	1.800	1.800	CORPL6	1.800	1.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B66	V30X35	4.125	CORPL3	3.100	4.000	CORPL14	3.100	3.200	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B67	V30X35	0.225	CORPL6	3.100	4.500	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B67	V30X35	2.260	CORPL6	1.600	1.600	CORPL6	1.600	1.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B67	V30X35	4.295	CORPL3	3.100	4.100	CORPL14	3.100	3.100	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B68	V30X35	0.225	CORPL6	3.100	4.400	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B68	V30X35	2.175	CORPL6	1.400	1.400	CORPL6	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B68	V30X35	4.125	CORPL3	3.100	4.200	CORPL14	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B69	V30X35	0.225	CORPL6	3.100	4.200	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B69	V30X35	2.260	CORPL3	1.400	1.400	CORPL3	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B69	V30X35	4.295	CORPL3	3.100	4.300	CORPL14	3.100	3.100	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B70	V30X35	0.225	CORPL6	3.100	4.100	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B70	V30X35	2.175	CORPL3	1.600	1.600	CORPL3	1.600	1.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B70	V30X35	4.125	CORPL3	3.100	4.500	CORPL14	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B71	V30X35	0.225	CORPL6	3.100	4.000	CORPL12	3.100	3.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B71	V30X35	2.260	CORPL3	1.800	1.800	CORPL3	1.800	1.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B71	V30X35	4.295	CORPL3	3.100	4.500	CORPL14	3.100	3.100	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message

NE+6.80	B72	V30X35	0.225	CORPL6	3.100	3.500	CORPL11	3.100	3.800	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B72	V30X35	2.175	CORPL3	2.400	2.400	CORPL3	2.400	2.400	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B72	V30X35	4.125	CORPL3	3.100	6.200	CORPL4	3.100	3.100	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B73	V30X35	0.225	CORPL8	3.100	9.400	CORPL10	3.100	3.100	CORPL18	2.500	CORPL15	3.600	CORPL7	0.800	No Message	No Message
NE+6.80	B73	V30X35	1.203	CORPL7	3.100	4.200	CORPL3	2.500	2.500	CORPL18	2.500	CORPL15	3.600	CORPL7	0.800	No Message	No Message
NE+6.80	B73	V30X35	2.180	CORPL11	0.300	0.300	CORPL3	0.500	0.500	CORPL18	2.500	CORPL15	3.600	CORPL7	0.800	No Message	No Message
NE+6.80	B74	V15X35	0.000	CORPL7	1.500	2.300	CORPL3	1.000	1.000	CORPL18	1.300	CORPL9	1.800	CORPL8	1.800	No Message	No Message
NE+6.80	B74	V15X35	1.090	CORPL7	0.800	0.800	CORPL3	0.700	0.700	CORPL18	0.000	CORPL9	1.800	CORPL8	1.800	No Message	No Message
NE+6.80	B74	V15X35	2.180	CORPL7	0.200	0.200	CORPL3	0.200	0.200	CORPL18	0.000	CORPL9	1.800	CORPL8	1.800	No Message	No Message
NE+6.80	B75	V30X35	0.225	CORPL5	3.100	9.600	CORPL10	3.100	3.100	CORPL18	2.500	CORPL6	3.600	CORPL6	0.800	No Message	No Message
NE+6.80	B75	V30X35	1.203	CORPL6	3.100	4.100	CORPL8	2.500	2.500	CORPL18	2.500	CORPL6	3.600	CORPL6	0.800	No Message	No Message
NE+6.80	B75	V30X35	2.180	CORPL8	0.400	0.400	CORPL8	0.500	0.500	CORPL18	2.500	CORPL6	3.600	CORPL6	0.800	No Message	No Message
NE+6.80	B76	V30X35	0.225	CORPL3	3.100	9.300	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B76	V30X35	1.203	CORPL7	3.100	4.300	CORPL7	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B76	V30X35	2.180	CORPL15	0.300	0.300	CORPL15	0.300	0.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B77	V30X35	0.225	CORPL7	3.100	10.100	CORPL7	3.100	3.300	CORPL18	2.500	CORPL6	3.600	CORPL6	0.800	No Message	No Message
NE+6.80	B77	V30X35	1.203	CORPL7	3.100	4.700	CORPL7	2.700	2.700	CORPL18	2.500	CORPL6	3.600	CORPL6	0.800	No Message	No Message
NE+6.80	B77	V30X35	2.180	CORPL7	0.400	0.400	CORPL8	0.400	0.400	CORPL18	2.500	CORPL6	3.600	CORPL6	0.800	No Message	No Message
NE+6.80	B78	V30X35	0.225	CORPL9	3.100	9.600	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B78	V30X35	1.203	CORPL8	3.100	4.400	CORPL7	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B78	V30X35	2.180	CORPL15	0.300	0.300	CORPL15	0.300	0.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B79	V30X35	0.225	CORPL7	3.100	10.000	CORPL8	3.100	3.300	CORPL18	2.500	CORPL6	3.600	CORPL6	0.800	No Message	No Message
NE+6.80	B79	V30X35	1.203	CORPL8	3.100	4.700	CORPL8	2.700	2.700	CORPL18	2.500	CORPL6	3.600	CORPL6	0.800	No Message	No Message
NE+6.80	B79	V30X35	2.180	CORPL8	0.400	0.400	CORPL8	0.400	0.400	CORPL18	2.500	CORPL6	3.600	CORPL6	0.800	No Message	No Message
NE+6.80	B80	V30X35	0.225	CORPL10	3.100	9.600	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B80	V30X35	1.203	CORPL7	3.100	4.400	CORPL7	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B80	V30X35	2.180	CORPL15	0.300	0.300	CORPL15	0.300	0.300	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B81	V30X35	0.225	CORPL8	3.100	10.100	CORPL8	3.100	3.300	CORPL18	2.500	CORPL6	3.600	CORPL6	0.800	No Message	No Message
NE+6.80	B81	V30X35	1.203	CORPL8	3.100	4.700	CORPL8	2.800	2.800	CORPL18	2.500	CORPL6	3.600	CORPL6	0.800	No Message	No Message
NE+6.80	B81	V30X35	2.180	CORPL8	0.400	0.400	CORPL8	0.400	0.400	CORPL18	2.500	CORPL6	3.600	CORPL6	0.800	No Message	No Message
NE+6.80	B82	V30X35	0.225	CORPL6	3.100	9.300	CORPL10	3.100	3.100	CORPL18	2.500	CORPL12	3.600	CORPL4	1.000	No Message	No Message
NE+6.80	B82	V30X35	1.203	CORPL8	3.100	4.300	CORPL8	2.500	2.500	CORPL18	2.500	CORPL12	3.600	CORPL4	1.000	No Message	No Message
NE+6.80	B82	V30X35	2.180	CORPL15	0.300	0.300	CORPL16	0.300	0.300	CORPL18	2.500	CORPL12	3.600	CORPL4	1.000	No Message	No Message
NE+6.80	B83	V30X35	0.225	CORPL4	3.100	9.400	CORPL10	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B83	V30X35	1.203	CORPL3	3.100	4.000	CORPL7	2.500	2.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B83	V30X35	2.180	CORPL7	0.300	0.300	CORPL7	0.500	0.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B84	V15X35	0.000	CORPL8	1.500	2.300	CORPL8	1.000	1.000	CORPL17	1.300	CORPL5	1.800	CORPL7	1.800	No Message	No Message
NE+6.80	B84	V15X35	1.090	CORPL8	0.900	0.900	CORPL6	0.700	0.700	CORPL10	1.300	CORPL5	1.800	CORPL7	1.800	No Message	No Message
NE+6.80	B84	V15X35	2.180	CORPL8	0.200	0.200	CORPL6	0.200	0.200	CORPL10	1.300	CORPL5	1.800	CORPL7	1.800	No Message	No Message
NE+6.80	B85	V15X35	0.000	CORPL5	0.200	0.200	CORPL9	0.100	0.100	CORPL18	0.000	CORPL4	1.700	CORPL6	1.800	No Message	No Message
NE+6.80	B85	V15X35	1.090	CORPL9	1.200	1.200	CORPL9	0.700	0.700	CORPL18	0.000	CORPL4	1.700	CORPL6	1.800	No Message	No Message
NE+6.80	B85	V15X35	2.180	CORPL9	1.500	2.300	CORPL9	1.100	1.100	CORPL18	1.300	CORPL4	1.700	CORPL6	1.800	No Message	No Message
NE+6.80	B86	V15X35	0.000	CORPL5	1.500	2.400	CORPL9	1.200	1.200	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B86	V15X35	2.260	CORPL9	0.800	0.800	CORPL3	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B86	V15X35	4.520	CORPL10	1.500	1.700	CORPL10	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B87	V15X35	0.000	CORPL9	1.500	1.700	CORPL9	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B87	V15X35	2.175	CORPL9	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B87	V15X35	4.350	CORPL3	1.500	1.700	CORPL10	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B88	V15X35	0.000	CORPL6	1.500	1.700	CORPL9	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B88	V15X35	2.260	CORPL10	0.700	0.700	CORPL10	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B88	V15X35	4.520	CORPL10	1.500	1.900	CORPL10	1.000	1.000	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B89	V15X35	0.000	CORPL9	1.500	1.900	CORPL9	1.000	1.000	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B89	V15X35	2.175	CORPL9	0.700	0.700	CORPL9	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B89	V15X35	4.350	CORPL3	1.500	1.700	CORPL10	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B90	V15X35	0.000	CORPL6	1.500	1.700	CORPL9	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B90	V15X35	2.260	CORPL10	0.700	0.700	CORPL9	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B90	V15X35	4.520	CORPL10	1.500	1.900	CORPL10	1.000	1.000	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B91	V15X35	0.000	CORPL9	1.500	1.900	CORPL9	1.000	1.000	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B91	V15X35	2.175	CORPL9	0.700	0.700	CORPL9	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B91	V15X35	4.350	CORPL3	1.500	1.700	CORPL10	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B92	V15X35	0.000	CORPL6	1.500	1.800	CORPL9	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B92	V15X35	2.260	CORPL10	0.600	0.600	CORPL9	1.400	1.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B92	V15X35	4.520	CORPL10	1.500	1.800	CORPL10	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B93	V15X35	0.000	CORPL9	1.500	1.700	CORPL9	0.900	0.900	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B93	V15X35	2.175	CORPL10	0.800	0.800	CORPL6	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B93	V15X35	4.350	CORPL4	1.500	2.400	CORPL10	1.100	1.100	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B94	V15X35	0.000	CORPL10	1.500	2.300	CORPL10	1.100	1.100	CORPL18	1.300	CORPL5	1.800	CORPL3	1.700	No Message	No Message
NE+6.80	B94	V15X35	1.090	CORPL10	1.200	1.200	CORPL10	0.700	0.700	CORPL18	0.000	CORPL5	1.800	CORPL3	1.700	No Message	No Message
NE+6.80	B94	V15X35	2.180	CORPL4	0.200	0.200	CORPL10	0.100	0.100	CORPL18	0.000	CORPL5	1.800	CORPL3	1.700	No Message	No Message
NE+3.45	B23	V35X45	0.225	CORPL5	4.800	8.200	CORPL11	4.800	5.100	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B23	V35X45	2.260	CORPL3	2.200	2.200	CORPL4	2.900	2.900	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B23	V35X45	4.295	CORPL3	4.800	8.900	CORPL14	4.800	4.800	CORPL4	3.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B24	V35X45	0.225	CORPL5	4.800	8.300	CORPL12	4.800	4.800	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B24	V35X45	2.175	CORPL5	2.100	2.100	CORPL5	2.100	2.100	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B24	V35X45	4.125	CORPL3	4.800	8.300	CORPL14	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B25	V35X45	0.225	CORPL5	4.800	8.300	CORPL12	4.800	4.800	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B25	V35X45	2.260	CORPL5	2.100	2.100	CORPL3	2.300	2.300	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B25	V35X45	4.295	CORPL3	4.800	8.200	CORPL14	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B26	V35X45	0.225	CORPL5	4.800	8.200	CORPL12	4.800	4.800	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B26	V35X45	2.175	CORPL3	2.100	2.100	CORPL6	2.100	2.100	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B26	V35X45	4.125	CORPL3	4.800	8.300	CORPL14	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B27	V35X45	0.225	CORPL5	4.800	8.300	CORPL12	4.800	4.800	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B27	V35X45	2.260	CORPL5	2.100	2.100	CORPL3	2.300	2.300	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B27	V35X45	4.295	CORPL3	4.800	8.300	CORPL14	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B28	V35X45	0.225	CORPL5	4.800	8.200	CORPL12	4.800	4.800	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B28	V35X45	2.175	CORPL3	2.100	2.100	CORPL6	2.100	2.100	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B28	V35X45	4.125	CORPL3	4.800	8.300	CORPL14	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B29	V35X45	0.225	CORPL5	4.800	8.200	CORPL12	4.800	4.800	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B29	V35X45	2.260	CORPL3	2.100	2.100	CORPL3	2.300	2.300	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B29	V35X45	4.295	CORPL3	4.800	8.300	CORPL14	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B30	V35X45	0.225	CORPL5	4.800	8.900	CORPL12	4.800	4.800	CORPL6	3.100	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B30	V35X45	2.175	CORPL5	2.200	2.200	CORPL5	2.700	2.700	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B30	V35X45	4.125	CORPL3	4.800	8.200	CORPL13	4.800	5.500	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B33	V35X45	0.225	CORPL17	4.800	7.700	CORPL7	4.800	8.500	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B33	V35X45	2.155	CORPL7	2.400	2.400	CORPL7	2.400	2.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B33	V35X45	4.085	CORPL7	4.800	9.600	CORPL17	4.800	5.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message

NE+3.45	B34	V35X45	0.225	CORPL9	4.800	10.800	CORPL9	4.500	4.500	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B34	V35X45	2.268	CORPL9	2.700	2.700	CORPL8	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B34	V35X45	4.310	CORPL18	0.000	0.000	CORPL10	4.800	7.600	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B35	V35X45	0.225	CORPL17	4.800	7.500	CORPL7	4.800	8.500	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B35	V35X45	2.155	CORPL7	2.400	2.400	CORPL7	2.400	2.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B35	V35X45	4.085	CORPL7	4.800	9.600	CORPL17	4.800	5.700	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B36	V35X45	0.225	CORPL9	4.800	10.600	CORPL9	4.400	4.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B36	V35X45	2.268	CORPL9	2.600	2.600	CORPL8	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B36	V35X45	4.310	CORPL18	0.000	0.000	CORPL9	4.800	7.200	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B37	V35X45	0.225	CORPL17	4.800	7.600	CORPL7	4.800	8.700	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B37	V35X45	2.155	CORPL7	2.400	2.400	CORPL7	2.400	2.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B37	V35X45	4.085	CORPL7	4.800	9.700	CORPL17	4.800	5.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B38	V35X45	0.225	CORPL10	4.800	10.700	CORPL10	4.500	4.500	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B38	V35X45	2.268	CORPL10	2.600	2.600	CORPL8	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B38	V35X45	4.310	CORPL18	0.000	0.000	CORPL9	4.800	7.200	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B39	V35X45	0.225	CORPL18	4.800	7.900	CORPL8	4.800	9.000	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B39	V35X45	2.155	CORPL8	2.500	2.500	CORPL8	2.500	2.500	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B39	V35X45	4.085	CORPL8	4.800	10.000	CORPL18	4.800	6.000	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B40	V35X45	0.225	CORPL10	4.800	11.300	CORPL10	4.700	4.700	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B40	V35X45	2.268	CORPL10	2.800	2.800	CORPL8	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B40	V35X45	4.310	CORPL18	0.000	0.000	CORPL9	4.800	7.600	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B41	V35X45	0.225	CORPL18	4.800	8.600	CORPL8	4.800	9.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B41	V35X45	2.155	CORPL8	2.600	2.600	CORPL8	2.600	2.600	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B41	V35X45	4.085	CORPL8	4.800	10.500	CORPL18	4.800	6.600	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B44	V35X45	0.225	CORPL5	4.800	12.800	CORPL6	4.800	4.800	CORPL5	5.200	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B44	V35X45	2.373	CORPL5	3.100	3.100	CORPL4	4.800	5.100	CORPL14	2.900	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B44	V35X45	4.520	CORPL18	0.000	0.000	CORPL5	3.600	3.600	CORPL12	2.900	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B45	V35X45	0.000	CORPL18	0.000	0.000	CORPL4	3.500	3.500	CORPL14	2.900	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B45	V35X45	2.063	CORPL4	3.400	3.400	CORPL6	4.800	4.800	CORPL12	2.900	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B45	V35X45	4.125	CORPL4	4.800	14.100	CORPL4	4.800	4.800	CORPL4	5.300	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B46	V35X45	0.225	CORPL5	4.800	14.000	CORPL6	4.800	4.800	CORPL5	5.400	CORPL16	5.400	CORPL7	1.000	No Message	No Message
NE+3.45	B46	V35X45	2.373	CORPL5	3.400	3.400	CORPL4	4.800	4.800	CORPL14	2.900	CORPL16	5.400	CORPL7	1.000	No Message	No Message
NE+3.45	B46	V35X45	4.520	CORPL18	0.000	0.000	CORPL5	3.800	3.800	CORPL12	2.900	CORPL16	5.400	CORPL7	1.000	No Message	No Message
NE+3.45	B47	V35X45	0.000	CORPL18	0.000	0.000	CORPL4	3.700	3.700	CORPL14	2.900	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B47	V35X45	2.063	CORPL4	3.400	3.400	CORPL6	4.800	4.800	CORPL12	2.900	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B47	V35X45	4.125	CORPL4	4.800	13.900	CORPL4	4.800	4.800	CORPL4	5.300	CORPL16	5.400	CORPL7	1.100	No Message	No Message
NE+3.45	B48	V35X45	0.225	CORPL5	4.800	14.000	CORPL6	4.800	4.800	CORPL5	5.400	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B48	V35X45	2.373	CORPL5	3.400	3.400	CORPL4	4.800	4.800	CORPL14	2.900	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B48	V35X45	4.520	CORPL18	0.000	0.000	CORPL5	3.800	3.800	CORPL12	2.900	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B49	V35X45	0.000	CORPL18	0.000	0.000	CORPL4	3.700	3.700	CORPL14	2.900	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B49	V35X45	2.063	CORPL4	3.400	3.400	CORPL6	4.800	4.800	CORPL12	2.900	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B49	V35X45	4.125	CORPL4	4.800	14.000	CORPL4	4.800	4.800	CORPL4	5.300	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B50	V35X45	0.225	CORPL5	4.800	14.200	CORPL6	4.800	4.800	CORPL5	5.400	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B50	V35X45	2.373	CORPL5	3.400	3.400	CORPL4	4.800	4.800	CORPL14	2.900	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B50	V35X45	4.520	CORPL18	0.000	0.000	CORPL5	3.600	3.600	CORPL12	2.900	CORPL16	5.400	CORPL8	1.100	No Message	No Message
NE+3.45	B51	V35X45	0.000	CORPL18	0.000	0.000	CORPL4	3.600	3.600	CORPL14	2.900	CORPL18	5.400	CORPL8	1.200	No Message	No Message
NE+3.45	B51	V35X45	2.063	CORPL4	3.100	3.100	CORPL6	4.800	4.800	CORPL12	2.900	CORPL18	5.400	CORPL8	1.200	No Message	No Message
NE+3.45	B51	V35X45	4.125	CORPL4	4.800	12.700	CORPL4	4.800	4.800	CORPL4	5.100	CORPL18	5.400	CORPL8	1.200	No Message	No Message
NE+3.45	B54	V35X45	0.225	CORPL17	4.800	7.800	CORPL7	4.800	7.600	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B54	V35X45	2.075	CORPL7	2.600	2.600	CORPL7	2.600	2.600	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B54	V35X45	3.925	CORPL7	4.800	10.500	CORPL17	4.800	6.900	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B55	V35X45	0.000	CORPL18	0.000	0.000	CORPL7	4.800	7.600	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B55	V35X45	1.963	CORPL7	3.500	3.500	CORPL7	3.500	3.500	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B55	V35X45	3.925	CORPL7	4.800	14.500	CORPL8	4.800	4.800	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B56	V35X45	0.225	CORPL17	4.800	7.400	CORPL7	4.800	7.900	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B56	V35X45	2.075	CORPL7	2.800	2.800	CORPL7	2.800	2.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B56	V35X45	3.925	CORPL7	4.800	11.300	CORPL17	4.800	6.400	CORPL8	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B57	V35X45	0.000	CORPL18	0.000	0.000	CORPL8	4.800	7.200	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B57	V35X45	1.963	CORPL7	3.400	3.400	CORPL17	3.400	3.400	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B57	V35X45	3.925	CORPL7	4.800	14.100	CORPL8	4.800	4.800	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B58	V35X45	0.225	CORPL18	4.800	7.500	CORPL8	4.800	8.100	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B58	V35X45	2.075	CORPL8	2.800	2.800	CORPL8	2.800	2.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B58	V35X45	3.925	CORPL8	4.800	11.600	CORPL18	4.800	6.500	CORPL8	3.100	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B59	V35X45	0.000	CORPL18	0.000	0.000	CORPL8	4.800	7.200	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B59	V35X45	1.963	CORPL8	3.500	3.500	CORPL18	3.500	3.500	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B59	V35X45	3.925	CORPL8	4.800	14.400	CORPL8	4.800	4.800	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B60	V35X45	0.225	CORPL18	4.800	7.800	CORPL8	4.800	8.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B60	V35X45	2.075	CORPL8	2.900	2.900	CORPL8	2.900	2.900	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B60	V35X45	3.925	CORPL8	4.800	11.800	CORPL18	4.800	6.800	CORPL8	3.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B61	V35X45	0.000	CORPL18	0.000	0.000	CORPL8	4.800	7.700	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B61	V35X45	1.963	CORPL8	3.600	3.600	CORPL18	3.700	3.700	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B61	V35X45	3.925	CORPL8	4.800	15.100	CORPL8	4.800	4.800	CORPL16	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B62	V35X45	0.225	CORPL18	4.800	8.600	CORPL8	4.800	8.500	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B62	V35X45	2.075	CORPL8	2.800	2.800	CORPL8	2.800	2.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B62	V35X45	3.925	CORPL8	4.800	11.600	CORPL18	4.800	7.700	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B65	V35X45	0.225	CORPL6	4.800	9.000	CORPL12	4.800	4.900	CORPL6	4.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B65	V35X45	2.260	CORPL4	2.500	2.500	CORPL3	3.800	3.800	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B65	V35X45	4.295	CORPL4	4.800	9.900	CORPL14	4.800	4.800	CORPL4	4.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B66	V35X45	0.225	CORPL6	4.800	9.200	CORPL12	4.800	4.800	CORPL6	4.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B66	V35X45	2.175	CORPL6	2.300	2.300	CORPL5	2.800	2.800	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B66	V35X45	4.125	CORPL4	4.800	9.200	CORPL14	4.800	4.800	CORPL4	4.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B67	V35X45	0.225	CORPL6	4.800	9.300	CORPL12	4.800	4.800	CORPL6	4.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B67	V35X45	2.260	CORPL6	2.300	2.300	CORPL4	3.100	3.100	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B67	V35X45	4.295	CORPL4	4.800	9.200	CORPL14	4.800	4.800	CORPL4	4.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B68	V35X45	0.225	CORPL6	4.800	9.200	CORPL12	4.800	4.800	CORPL6	4.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B68	V35X45	2.175	CORPL4	2.300	2.300	CORPL5	2.800	2.800	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B68	V35X45	4.125	CORPL4	4.800	9.200	CORPL14	4.800	4.800	CORPL4	4.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B69	V35X45	0.225	CORPL6	4.800	9.200	CORPL12	4.800	4.800	CORPL6	4.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B69	V35X45	2.260	CORPL6	2.300	2.300	CORPL4	3.100	3.100	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B69	V35X45	4.295	CORPL4	4.800	9.200	CORPL14	4.800	4.800	CORPL4	4.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B70	V35X45	0.225	CORPL6	4.800	9.200	CORPL12	4.800	4.800	CORPL6	4.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B70	V35X45	2.175	CORPL4	2.300	2.300	CORPL6	2.800	2.800	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B70	V35X45	4.125	CORPL4	4.800	9.200	CORPL14	4.800	4.800	CORPL4	4.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B71	V35X45	0.225	CORPL6	4.800	9.200	CORPL12	4.800	4.800	CORPL6	4.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B71	V35X45	2.260	CORPL4	2.300	2.300	CORPL4	3.100	3.100	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B71	V35X45	4.295	CORPL4	4.800	9.300	CORPL14	4.700	4.700	CORPL4	4.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message

NE+3.45	B72	V35X45	0.225	CORPL6	4.800	9.900	CORPL12	4.800	4.800	CORPL6	5.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B72	V35X45	2.175	CORPL6	2.500	2.500	CORPL6	3.500	3.500	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B72	V35X45	4.125	CORPL4	4.800	8.900	CORPL14	4.800	5.300	CORPL4	4.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B75	V35X45	0.225	CORPL10	4.800	4.800	CORPL6	2.000	2.000	CORPL17	0.700	CORPL17	5.400	CORPL6	2.800	No Message	No Message
NE+3.45	B75	V35X45	1.203	CORPL6	2.900	2.900	CORPL6	1.200	1.200	CORPL17	0.700	CORPL17	5.400	CORPL6	2.800	No Message	No Message
NE+3.45	B75	V35X45	2.180	CORPL7	0.015	0.015	CORPL7	0.000	0.000	CORPL17	0.700	CORPL17	5.400	CORPL6	2.800	No Message	No Message
NE+3.45	B76	V35X45	0.225	CORPL10	4.800	10.400	CORPL10	4.300	4.300	CORPL18	2.900	CORPL12	5.400	CORPL3	1.100	No Message	No Message
NE+3.45	B76	V35X45	1.203	CORPL10	4.800	4.800	CORPL10	2.600	2.600	CORPL10	2.900	CORPL12	5.400	CORPL3	1.100	No Message	No Message
NE+3.45	B76	V35X45	2.180	CORPL18	0.000	0.000	CORPL7	0.016	0.016	CORPL10	2.900	CORPL12	5.400	CORPL3	1.100	No Message	No Message
NE+3.45	B77	V35X45	0.225	CORPL8	4.800	9.600	CORPL8	4.000	4.000	CORPL10	2.900	CORPL14	5.400	CORPL6	1.000	No Message	No Message
NE+3.45	B77	V35X45	1.203	CORPL10	4.800	4.800	CORPL8	2.400	2.400	CORPL10	2.900	CORPL14	5.400	CORPL6	1.000	No Message	No Message
NE+3.45	B77	V35X45	2.180	CORPL15	0.000	0.000	CORPL9	0.000	0.000	CORPL10	2.900	CORPL14	5.400	CORPL6	1.000	No Message	No Message
NE+3.45	B78	V35X45	0.225	CORPL10	4.800	9.900	CORPL10	4.100	4.100	CORPL10	2.900	CORPL4	5.400	CORPL4	0.900	No Message	No Message
NE+3.45	B78	V35X45	1.203	CORPL10	4.800	4.800	CORPL10	2.500	2.500	CORPL10	2.900	CORPL4	5.400	CORPL4	0.900	No Message	No Message
NE+3.45	B78	V35X45	2.180	CORPL9	0.000	0.000	CORPL9	0.000	0.000	CORPL10	2.900	CORPL4	5.400	CORPL4	0.900	No Message	No Message
NE+3.45	B79	V35X45	0.225	CORPL8	4.800	9.900	CORPL8	4.200	4.200	CORPL10	2.900	CORPL14	5.400	CORPL6	1.000	No Message	No Message
NE+3.45	B79	V35X45	1.203	CORPL10	4.800	4.800	CORPL8	2.500	2.500	CORPL10	2.900	CORPL14	5.400	CORPL6	1.000	No Message	No Message
NE+3.45	B79	V35X45	2.180	CORPL15	0.000	0.000	CORPL9	0.011	0.011	CORPL10	2.900	CORPL14	5.400	CORPL6	1.000	No Message	No Message
NE+3.45	B80	V35X45	0.225	CORPL10	4.800	10.200	CORPL10	4.300	4.300	CORPL18	2.900	CORPL12	5.400	CORPL4	1.000	No Message	No Message
NE+3.45	B80	V35X45	1.203	CORPL10	4.800	4.800	CORPL10	2.500	2.500	CORPL10	2.900	CORPL12	5.400	CORPL4	1.000	No Message	No Message
NE+3.45	B80	V35X45	2.180	CORPL9	0.009	0.009	CORPL15	0.000	0.000	CORPL10	2.900	CORPL12	5.400	CORPL4	1.000	No Message	No Message
NE+3.45	B81	V35X45	0.225	CORPL7	4.800	9.600	CORPL7	4.000	4.000	CORPL10	2.900	CORPL6	5.400	CORPL6	0.900	No Message	No Message
NE+3.45	B81	V35X45	1.203	CORPL10	4.800	4.800	CORPL7	2.400	2.400	CORPL10	2.900	CORPL6	5.400	CORPL6	0.900	No Message	No Message
NE+3.45	B81	V35X45	2.180	CORPL8	0.000	0.000	CORPL18	0.000	0.000	CORPL10	2.900	CORPL6	5.400	CORPL6	0.900	No Message	No Message
NE+3.45	B82	V35X45	0.225	CORPL9	4.800	10.500	CORPL9	4.400	4.400	CORPL18	2.900	CORPL14	5.400	CORPL6	0.900	No Message	No Message
NE+3.45	B82	V35X45	1.203	CORPL9	4.800	4.800	CORPL9	2.600	2.600	CORPL10	2.900	CORPL14	5.400	CORPL6	0.900	No Message	No Message
NE+3.45	B82	V35X45	2.180	CORPL18	0.000	0.000	CORPL8	0.017	0.017	CORPL10	2.900	CORPL14	5.400	CORPL6	0.900	No Message	No Message
NE+3.45	B83	V35X45	0.225	CORPL3	4.800	4.900	CORPL3	2.100	2.100	CORPL5	0.900	CORPL18	5.400	CORPL3	2.600	No Message	No Message
NE+3.45	B83	V35X45	1.203	CORPL3	2.900	2.900	CORPL3	1.300	1.300	CORPL5	0.900	CORPL18	5.400	CORPL3	2.600	No Message	No Message
NE+3.45	B83	V35X45	2.180	CORPL8	0.015	0.015	CORPL8	0.000	0.000	CORPL5	0.900	CORPL18	5.400	CORPL3	2.600	No Message	No Message
NE+3.45	B86	V12X35	0.000	CORPL6	1.200	1.300	CORPL6	0.500	0.500	CORPL6	1.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B86	V12X35	2.260	CORPL4	0.700	0.700	CORPL3	1.200	1.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B86	V12X35	4.520	CORPL4	1.200	2.800	CORPL4	1.200	1.200	CORPL4	1.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B87	V12X35	0.000	CORPL5	1.200	2.600	CORPL5	1.100	1.100	CORPL5	1.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B87	V12X35	2.175	CORPL5	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B87	V12X35	4.350	CORPL3	1.200	2.400	CORPL3	1.000	1.000	CORPL3	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B88	V12X35	0.000	CORPL6	1.200	2.400	CORPL6	1.000	1.000	CORPL6	1.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B88	V12X35	2.260	CORPL4	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B88	V12X35	4.520	CORPL4	1.200	2.600	CORPL4	1.100	1.100	CORPL4	1.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B89	V12X35	0.000	CORPL5	1.200	2.500	CORPL5	1.100	1.100	CORPL5	1.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B89	V12X35	2.175	CORPL5	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B89	V12X35	4.350	CORPL3	1.200	2.400	CORPL3	1.000	1.000	CORPL3	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B90	V20X35	0.000	CORPL6	2.100	2.400	CORPL6	1.000	1.000	CORPL16	1.700	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B90	V20X35	2.260	CORPL4	0.700	0.700	CORPL3	1.700	1.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B90	V20X35	4.520	CORPL4	2.100	2.600	CORPL4	1.100	1.100	CORPL18	1.700	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B91	V12X35	0.000	CORPL5	1.200	2.600	CORPL5	1.100	1.100	CORPL5	1.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B91	V12X35	2.175	CORPL5	0.600	0.600	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B91	V12X35	4.350	CORPL3	1.200	2.400	CORPL3	1.000	1.000	CORPL3	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B92	V12X35	0.000	CORPL6	1.200	2.400	CORPL6	1.000	1.000	CORPL6	1.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B92	V12X35	2.260	CORPL4	0.700	0.700	CORPL10	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B92	V12X35	4.520	CORPL4	1.200	2.700	CORPL4	1.100	1.100	CORPL4	1.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B93	V12X35	0.000	CORPL5	1.200	2.700	CORPL5	1.100	1.100	CORPL5	1.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B93	V12X35	2.175	CORPL5	0.700	0.700	CORPL6	1.200	1.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B93	V12X35	4.350	CORPL4	1.200	1.200	CORPL3	0.500	0.500	CORPL3	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message

Story	Label	Design Sect	Station	DesignOpt	PMMCombo	AsMin	As	Mid Bar As	Corner BarAs	Vmaj Combo	VMajRebar	Vmin Combo	VMinRebar	WarnMsg	ErrMsg
			m			cm²	cm²	cm²	cm²		cm²/m		cm²/m		
NE+6.80	C1	C45X45	0.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C1	C45X45	1.500	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C1	C45X45	3.000	Design	CORPL7-1	20.300	26.200	3.300	3.300	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C2	C45X45	0.000	Design	CORPL12-1	20.300	20.700	2.600	2.600	CORPL17-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C2	C45X45	1.500	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL17-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C2	C45X45	3.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL17-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C3	C45X45	0.000	Design	CORPL14-1	20.300	20.700	2.600	2.600	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C3	C45X45	1.500	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C3	C45X45	3.000	Design	CORPL7-1	20.300	20.500	2.600	2.600	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C4	C45X45	0.000	Design	CORPL12-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C4	C45X45	1.500	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C4	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C5	C45X45	0.000	Design	CORPL14-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C5	C45X45	1.500	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C5	C45X45	3.000	Design	CORPL8-1	20.300	20.700	2.600	2.600	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C6	C45X45	0.000	Design	CORPL12-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C6	C45X45	1.500	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C6	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C7	C45X45	0.000	Design	CORPL14-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C7	C45X45	1.500	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C7	C45X45	3.000	Design	CORPL8-1	20.300	21.300	2.700	2.700	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C8	C45X45	0.000	Design	CORPL12-1	20.300	20.800	2.600	2.600	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C8	C45X45	1.500	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C8	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C9	C45X45	0.000	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C9	C45X45	1.500	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C9	C45X45	3.000	Design	CORPL8-1	20.300	27.100	3.400	3.400	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C10	C45X45	0.000	Design	CORPL8-1	20.300	36.500	4.600	4.600	CORPL12-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C10	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL12-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C10	C45X45	3.000	Design	CORPL7-1	20.300	25.500	3.200	3.200	CORPL12-	3.800	CORPL18-	3.800	No Message	No Message

NE+6.80	C11	C45X45	0.000	Design	CORPL8-1	20.300	34.800	4.300	4.300	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C11	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C11	C45X45	3.000	Design	CORPL7-1	20.300	21.100	2.600	2.600	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C12	C45X45	0.000	Design	CORPL8-1	20.300	34.800	4.300	4.300	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C12	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C12	C45X45	3.000	Design	CORPL8-1	20.300	21.500	2.700	2.700	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C13	C45X45	0.000	Design	CORPL8-1	20.300	35.100	4.400	4.400	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C13	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C13	C45X45	3.000	Design	CORPL8-1	20.300	22.300	2.800	2.800	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C14	C45X45	0.000	Design	CORPL7-1	20.300	36.600	4.600	4.600	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C14	C45X45	1.500	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C14	C45X45	3.000	Design	CORPL8-1	20.300	27.400	3.400	3.400	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C15	C45X45	0.000	Design	CORPL9-1	20.300	23.100	2.900	2.900	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C15	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C15	C45X45	3.000	Design	CORPL10-1	20.300	23.200	2.900	2.900	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C16	C45X45	0.000	Design	CORPL4-1	20.300	21.500	2.700	2.700	CORPL16-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C16	C45X45	1.500	Design	CORPL15-1	20.300	20.300	2.500	2.500	CORPL17-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C16	C45X45	3.000	Design	CORPL13-1	20.300	20.300	2.500	2.500	CORPL17-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C17	C45X45	0.000	Design	CORPL5-1	20.300	25.000	3.100	3.100	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C17	C45X45	1.500	Design	CORPL14-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C17	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C18	C45X45	0.000	Design	CORPL12-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C18	C45X45	1.500	Design	CORPL15-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C18	C45X45	3.000	Design	CORPL12-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C19	C45X45	0.000	Design	CORPL5-1	20.300	24.900	3.100	3.100	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C19	C45X45	1.500	Design	CORPL14-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C19	C45X45	3.000	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C20	C45X45	0.000	Design	CORPL12-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C20	C45X45	1.500	Design	CORPL15-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C20	C45X45	3.000	Design	CORPL12-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C21	C45X45	0.000	Design	CORPL5-1	20.300	24.700	3.100	3.100	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C21	C45X45	1.500	Design	CORPL11-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C21	C45X45	3.000	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C22	C45X45	0.000	Design	CORPL12-1	20.300	21.100	2.600	2.600	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C22	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C22	C45X45	3.000	Design	CORPL12-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C23	C45X45	0.000	Design	CORPL10-1	20.300	20.700	2.600	2.600	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C23	C45X45	1.500	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+6.80	C23	C45X45	3.000	Design	CORPL9-1	20.300	24.300	3.000	3.000	CORPL14-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C1	C45X45	0.000	Design	CORPL8-1	20.300	61.900	7.700	7.700	CORPL16-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C1	C45X45	1.500	Design	CORPL15-1	20.300	23.900	3.000	3.000	CORPL16-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C1	C45X45	3.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL16-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C2	C45X45	0.000	Design	CORPL13-1	20.300	64.100	8.000	8.000	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C2	C45X45	1.500	Design	CORPL15-1	20.300	21.800	2.700	2.700	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C2	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C3	C45X45	0.000	Design	CORPL7-1	20.300	70.300	8.800	8.800	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C3	C45X45	1.500	Design	CORPL15-1	20.300	22.200	2.800	2.800	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C3	C45X45	3.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C4	C45X45	0.000	Design	CORPL13-1	20.300	63.200	7.900	7.900	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C4	C45X45	1.500	Design	CORPL15-1	20.300	22.700	2.800	2.800	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C4	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C5	C45X45	0.000	Design	CORPL7-1	20.300	73.200	9.100	9.100	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C5	C45X45	1.500	Design	CORPL15-1	20.300	23.100	2.900	2.900	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C5	C45X45	3.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C6	C45X45	0.000	Design	CORPL17-1	20.300	64.900	8.100	8.100	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C6	C45X45	1.500	Design	CORPL15-1	20.300	23.700	3.000	3.000	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C6	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C7	C45X45	0.000	Design	CORPL7-1	20.300	75.700	9.500	9.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C7	C45X45	1.500	Design	CORPL16-1	20.300	24.400	3.000	3.000	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C7	C45X45	3.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C8	C45X45	0.000	Design	CORPL9-1	20.300	68.500	8.600	8.600	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C8	C45X45	1.500	Design	CORPL16-1	20.300	25.100	3.100	3.100	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C8	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C9	C45X45	0.000	Design	CORPL7-1	20.300	79.600	10.000	10.000	CORPL15-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C9	C45X45	1.500	Design	CORPL16-1	20.300	27.700	3.500	3.500	CORPL15-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C9	C45X45	3.000	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL15-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C10	C45X45	0.000	Design	CORPL8-1	20.300	86.200	10.800	10.800	CORPL17-	3.800	CORPL7-1	3.900	No Message	No Message
NE+3.45	C10	C45X45	1.500	Design	CORPL11-1	20.300	20.300	2.500	2.500	CORPL17-	3.800	CORPL7-1	3.900	No Message	No Message
NE+3.45	C10	C45X45	3.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL17-	3.800	CORPL7-1	3.900	No Message	No Message
NE+3.45	C11	C45X45	0.000	Design	CORPL7-1	20.300	85.200	10.600	10.600	CORPL18-	3.800	CORPL7-1	4.500	No Message	No Message
NE+3.45	C11	C45X45	1.500	Design	CORPL15-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL7-1	4.500	No Message	No Message
NE+3.45	C11	C45X45	3.000	Design	CORPL15-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL7-1	4.500	No Message	No Message
NE+3.45	C12	C45X45	0.000	Design	CORPL8-1	20.300	87.900	11.000	11.000	CORPL18-	3.800	CORPL8-1	4.900	No Message	No Message
NE+3.45	C12	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL8-1	4.900	No Message	No Message
NE+3.45	C12	C45X45	3.000	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL8-1	5.000	No Message	No Message
NE+3.45	C13	C45X45	0.000	Design	CORPL8-1	20.300	93.300	11.700	11.700	CORPL18-	3.800	CORPL8-1	5.600	No Message	No Message
NE+3.45	C13	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL8-1	5.600	No Message	No Message
NE+3.45	C13	C45X45	3.000	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL8-1	5.600	No Message	No Message
NE+3.45	C14	C45X45	0.000	Design	CORPL7-1	20.300	103.400	12.900	12.900	CORPL18-	3.800	CORPL8-1	6.100	No Message	No Message
NE+3.45	C14	C45X45	1.500	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL8-1	6.100	No Message	No Message
NE+3.45	C14	C45X45	3.000	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL8-1	6.100	No Message	No Message
NE+3.45	C15	C45X45	0.000	Design	CORPL8-1	20.300	76.300	9.500	9.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C15	C45X45	1.500	Design	CORPL18-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C15	C45X45	3.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message

NE+3.45	C16	C45X45	0.000	Design	CORPL3-1	20.300	76.200	9.500	9.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C16	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C16	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C17	C45X45	0.000	Design	CORPL8-1	20.300	73.800	9.200	9.200	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C17	C45X45	1.500	Design	CORPL17-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C17	C45X45	3.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C18	C45X45	0.000	Design	CORPL3-1	20.300	73.600	9.200	9.200	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C18	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C18	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C19	C45X45	0.000	Design	CORPL8-1	20.300	78.400	9.800	9.800	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C19	C45X45	1.500	Design	CORPL18-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C19	C45X45	3.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C20	C45X45	0.000	Design	CORPL6-1	20.300	75.400	9.400	9.400	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C20	C45X45	1.500	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C20	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C21	C45X45	0.000	Design	CORPL8-1	20.300	83.000	10.400	10.400	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C21	C45X45	1.500	Design	CORPL18-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C21	C45X45	3.000	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C22	C45X45	0.000	Design	CORPL8-1	20.300	80.200	10.000	10.000	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C22	C45X45	1.500	Design	CORPL18-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C22	C45X45	3.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C23	C45X45	0.000	Design	CORPL7-1	20.300	87.000	10.900	10.900	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C23	C45X45	1.500	Design	CORPL17-1	20.300	22.200	2.800	2.800	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message
NE+3.45	C23	C45X45	3.000	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL18-	3.800	CORPL18-	3.800	No Message	No Message

3.4 DISEÑO DE LA CIMENTACIÓN

DISEÑO DE ZAPATAS

σadm = 170.00 kN/m^2 f`c = 21000.00 kN/m^2

ZAPATAS CUADRADAS Y RECTANGULARES

		SECCION COLUMNA				SECCION ZAPATA				FLEXION											
CO	Preal (kN)	En X (m)	En Y (m)	Area (m^2)	Lado (m)	B(m)	L(m)	σneta (kN/m^2)	σneta < σadm	Mox (kN-m)	Moy (kN-m)	ϕMnx (kN-m)	ϕMoy (kN-m)	h (m)	ρx	ρy	Asx (mm^2)	Asy (mm^2)	Barra #	Sep. (m)	Barra #	Sep. (m)
A3	231.30	0.45	0.45	1.50	1.22	1.30	1.30	142.34	ok	66.85	16.71	93.58	23.40	0.40	0.0019	0.0005	800	800	5	0.25	5	0.25
B3	294.30	0.45	0.45	1.90	1.38	1.45	1.45	145.58	ok	26.39	26.39	36.94	36.94	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
C3	250.90	0.45	0.45	1.62	1.27	1.30	1.30	154.40	ok	18.13	18.13	25.38	25.38	0.40	0.0005	0.0005	800	800	5	0.25	5	0.25
D3	294.00	0.45	0.45	1.90	1.38	1.45	1.45	145.43	ok	26.36	26.36	36.90	36.90	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
E3	250.60	0.45	0.45	1.62	1.27	1.30	1.30	154.22	ok	18.11	18.11	25.35	25.35	0.40	0.0005	0.0005	800	800	5	0.25	5	0.25
F3	294.00	0.45	0.45	1.90	1.38	1.45	1.45	145.43	ok	26.36	26.36	36.90	36.90	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
G3	250.80	0.45	0.45	1.62	1.27	1.30	1.30	154.34	ok	18.12	18.12	25.37	25.37	0.40	0.0005	0.0005	800	800	5	0.25	5	0.25
H3	294.40	0.45	0.45	1.90	1.38	1.45	1.45	145.62	ok	26.39	26.39	36.95	36.95	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
I3	227.50	0.45	0.45	1.47	1.21	1.30	1.30	140.00	ok	16.44	16.44	23.01	23.01	0.40	0.0005	0.0005	800	800	5	0.25	5	0.25
A2	277.60	0.45	0.45	1.80	1.34	1.45	1.45	137.31	ok	24.89	24.89	34.84	34.84	0.40	0.0006	0.0006	800	800	5	0.25	5	0.25
C2	357.60	0.45	0.45	2.31	1.52	1.60	1.60	145.28	ok	38.43	38.43	53.80	53.80	0.40	0.0009	0.0009	800	800	5	0.25	5	0.25
E2	357.30	0.45	0.45	2.31	1.52	1.60	1.60	145.15	ok	38.39	38.39	53.75	53.75	0.40	0.0009	0.0009	800	800	5	0.25	5	0.25
G2	357.50	0.45	0.45	2.31	1.52	1.60	1.60	145.23	ok	38.41	38.41	53.78	53.78	0.40	0.0009	0.0009	800	800	5	0.25	5	0.25
I2	275.80	0.45	0.45	1.78	1.34	1.45	1.45	136.42	ok	24.73	24.73	34.62	34.62	0.40	0.0006	0.0006	800	800	5	0.25	5	0.25
A1	306.00	0.45	0.45	1.98	1.41	1.45	1.45	151.36	ok	27.43	27.43	38.41	38.41	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
B1	420.10	0.45	0.45	2.72	1.65	1.70	1.70	151.18	ok	50.20	50.20	70.27	70.27	0.40	0.0011	0.0011	800	800	5	0.25	5	0.25
C1	385.50	0.45	0.45	2.49	1.58	1.60	1.60	156.61	ok	41.42	41.42	57.99	57.99	0.40	0.0009	0.0009	800	800	5	0.25	5	0.25
D1	415.90	0.45	0.45	2.69	1.64	1.70	1.70	149.67	ok	49.69	49.69	69.57	69.57	0.40	0.0011	0.0011	800	800	5	0.25	5	0.25
E1	387.60	0.45	0.45	2.51	1.58	1.60	1.60	157.46	ok	41.65	41.65	58.31	58.31	0.40	0.0010	0.0010	800	800	5	0.25	5	0.25
F1	417.60	0.45	0.45	2.70	1.64	1.70	1.70	150.28	ok	49.90	49.90	69.86	69.86	0.40	0.0011	0.0011	800	800	5	0.25	5	0.25
G1	385.60	0.45	0.45	2.50	1.58	1.60	1.60	156.65	ok	41.43	41.43	58.01	58.01	0.40	0.0009	0.0009	800	800	5	0.25	5	0.25
H1	420.50	0.45	0.45	2.72	1.65	1.70	1.70	151.32	ok	50.24	50.24	70.34	70.34	0.40	0.0011	0.0011	800	800	5	0.25	5	0.25
I1	305.80	0.45	0.45	1.98	1.41	1.45	1.45	151.26	ok	27.42	27.42	38.38	38.38	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25

		SECCION COLUMNA				SECCION ZAPATA			CORTANTE							
Zapata	Preal (kN)	En X (m)	En Y (m)	Area (m^2)	Lado (m)	B(m)	L(m)	σneta (kN/m^2)	Vdx (kN)	Vdy (kN)	Vux (kN)	Vuy (kN)	vux (kN)	vuy (kN)	Rev x	Rev y
A3	231.30	0.45	0.45	1.50	1.22	1.30	1.30	143.71	19.62	19.62	30.40	30.40	73.09	73.09	ok	ok
B3	294.30	0.45	0.45	1.90	1.38	1.45	1.45	146.98	38.36	38.36	59.46	59.46	128.14	128.14	ok	ok
C3	250.90	0.45	0.45	1.62	1.27	1.30	1.30	155.88	21.28	21.28	32.98	32.98	79.28	79.28	ok	ok
D3	294.00	0.45	0.45	1.90	1.38	1.45	1.45	146.83	38.32	38.32	59.40	59.40	128.01	128.01	ok	ok
E3	250.60	0.45	0.45	1.62	1.27	1.30	1.30	155.70	21.25	21.25	32.94	32.94	79.19	79.19	ok	ok
F3	294.00	0.45	0.45	1.90	1.38	1.45	1.45	146.83	38.32	38.32	59.40	59.40	128.01	128.01	ok	ok
G3	250.80	0.45	0.45	1.62	1.27	1.30	1.30	155.82	21.27	21.27	32.97	32.97	79.25	79.25	ok	ok
H3	294.40	0.45	0.45	1.90	1.38	1.45	1.45	147.02	38.37	38.37	59.48	59.48	128.19	128.19	ok	ok
I3	227.50	0.45	0.45	1.47	1.21	1.30	1.30	141.35	19.29	19.29	29.91	29.91	71.89	71.89	ok	ok
A2	277.60	0.45	0.45	1.80	1.34	1.45	1.45	138.63	36.18	36.18	56.08	56.08	120.87	120.87	ok	ok
C2	357.60	0.45	0.45	2.31	1.52	1.60	1.60	146.67	59.84	59.84	92.76	92.76	181.16	181.16	ok	ok
E2	357.30	0.45	0.45	2.31	1.52	1.60	1.60	146.55	59.79	59.79	92.68	92.68	181.01	181.01	ok	ok
G2	357.50	0.45	0.45	2.31	1.52	1.60	1.60	146.63	59.83	59.83	92.73	92.73	181.11	181.11	ok	ok
I2	275.80	0.45	0.45	1.78	1.34	1.45	1.45	137.74	35.95	35.95	55.72	55.72	120.09	120.09	ok	ok
A1	306.00	0.45	0.45	1.98	1.41	1.45	1.45	152.82	39.89	39.89	61.82	61.82	133.24	133.24	ok	ok
B1	420.10	0.45	0.45	2.72	1.65	1.70	1.70	152.63	79.14	79.14	122.67	122.67	225.49	225.49	ok	ok
C1	385.50	0.45	0.45	2.49	1.58	1.60	1.60	158.12	64.51	64.51	99.99	99.99	195.30	195.30	ok	ok
D1	415.90	0.45	0.45	2.69	1.64	1.70	1.70	151.11	78.35	78.35	121.44	121.44	223.23	223.23	ok	ok
E1	387.60	0.45	0.45	2.51	1.58	1.60	1.60	158.98	64.86	64.86	100.54	100.54	196.36	196.36	ok	ok
F1	417.60	0.45	0.45	2.70	1.64	1.70	1.70	151.72	78.67	78.67	121.94	121.94	224.15	224.15	ok	ok
G1	385.60	0.45	0.45	2.50	1.58	1.60	1.60	158.16	64.53	64.53	100.02	100.02	195.35	195.35	ok	ok
H1	420.50	0.45	0.45	2.72	1.65	1.70	1.70	152.78	79.21	79.21	122.78	122.78	225.70	225.70	ok	ok
I1	305.80	0.45	0.45	1.98	1.41	1.45	1.45	152.72	39.86	39.86	61.78	61.78	133.15	133.15	ok	ok

DISEÑO DE VIGAS DE AMARRE

f`c = 21000.00 kN/m^2

fy = 420000.00 kN/m^2

					FLEXION						Seccion				REFUERZO					
Viga Amarre	L1 (m)	L2 (m)	Pu (kN)	Po (kN)	Mo1 (kN-m)	Mo2 (kN-m)	Mo3 (kN-m)	fMn1 (kN-m)	fMn2 (kN-m)	fMn3 (kN-m)	b (m)	h(m)	d(m)	Amax (mm^2)	Barra #	Cant.	Barra #	Cant.	Assum (mm^2)	
VC-1	4.52	4.35	417.60	41.76	45.40	46.27	47.17	70.37	71.71	73.12	0.30	0.40	0.35	672	6	3			855	OK
VC-2	4.31	4.15	387.60	38.76	40.20	40.96	41.75	62.31	63.49	64.71	0.30	0.40	0.35	589	6	3			855	OK

					CORTANTE					
Viga Amarre	L1 (m)	L2(m)	Pu (kN)	Po(kN)	Vo1 (kN)	Vo3 (kN)	fVn1 (kN)	fVn3 (kN)	Rev 1	Rev 3
VC-1	4.52	4.35	417.60	41.76	20.28	21.48	299.37	317.09	ok	ok
VC-2	4.31	4.15	387.60	38.76	18.83	19.93	277.97	294.20	ok	ok

3.4.1 REACCIONES EN LA CIMENTACIÓN

Story	Label	Output Case	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m	MZ tonf-m
Base	13	PPROPIO	0.250	0.090	7.830	0.130	0.280	0.000
Base	13	MUERTA	1.130	0.210	13.730	0.490	1.270	-0.001
Base	13	VIVA	0.180	-0.400	1.570	1.040	0.200	0.000
Base	13	SISMOX	-15.840	-1.270	-14.900	2.730	-41.360	0.130
Base	13	SISMOY	-0.530	-16.070	-19.360	44.310	-1.060	-0.190
Base	14	PPROPIO	-0.040	0.440	9.400	-0.260	-0.040	0.000
Base	14	MUERTA	-0.180	1.390	16.090	-0.830	-0.210	-0.001
Base	14	VIVA	-0.030	0.140	3.940	0.420	-0.040	0.000
Base	14	SISMOX	-19.880	-0.720	0.060	1.780	-45.930	0.130
Base	14	SISMOY	-0.490	-13.570	-6.450	41.990	-1.020	-0.190

Story	Label	Output Case	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m	MZ tonf-m
Base	30	PPROPIO	0.004	-0.220	10.670	0.480	0.005	0.000
Base	30	MUERTA	0.070	-0.700	18.530	1.540	0.070	-0.001
Base	30	VIVA	0.020	-0.540	6.550	1.190	0.010	0.000
Base	30	SISMOX	-16.250	0.680	0.200	-1.420	-42.140	0.130
Base	30	SISMOY	0.005	-25.150	-1.650	57.480	0.010	-0.190
Base	32	PPROPIO	-0.530	-0.230	9.070	0.490	-0.590	0.000
Base	32	MUERTA	-2.360	-0.730	14.870	1.580	-2.680	-0.001
Base	32	VIVA	-0.700	-0.560	3.640	1.220	-0.790	0.000
Base	32	SISMOX	-13.910	1.390	5.110	-2.860	-39.500	0.130
Base	32	SISMOY	0.040	-25.260	-1.630	58.570	0.050	-0.190

Base	15	PPROPIO	0.004	0.100	7.930	0.110	0.004	0.000
Base	15	MUERTA	0.020	0.360	14.690	0.320	0.010	-0.001
Base	15	VIVA	0.010	-0.320	2.460	0.950	0.005	0.000
Base	15	SISMOX	-19.540	-0.580	0.710	1.300	-45.550	0.130
Base	15	SISMOY	-0.500	-17.980	-18.560	47.440	-1.030	-0.190
Base	16	PPROPIO	-0.010	0.430	9.420	-0.260	-0.010	0.000
Base	16	MUERTA	-0.060	1.340	16.100	-0.780	-0.090	-0.001
Base	16	VIVA	-0.020	0.150	3.880	0.420	-0.020	0.000
Base	16	SISMOX	-19.720	-0.280	-1.150	0.640	-45.750	0.130
Base	16	SISMOY	-0.510	-14.650	-6.350	44.170	-1.040	-0.190
Base	17	PPROPIO	0.010	0.110	7.930	0.110	0.010	0.000
Base	17	MUERTA	0.030	0.360	14.670	0.330	0.020	-0.001
Base	17	VIVA	0.010	-0.320	2.460	0.950	0.004	0.000
Base	17	SISMOX	-19.570	-0.002	1.020	0.005	-45.580	0.130
Base	17	SISMOY	-0.510	-18.910	-18.910	49.460	-1.040	-0.190
Base	18	PPROPIO	-0.010	0.440	9.410	-0.270	-0.010	0.000
Base	18	MUERTA	-0.050	1.340	16.100	-0.770	-0.070	-0.001
Base	18	VIVA	-0.010	0.150	3.880	0.420	-0.020	0.000
Base	18	SISMOX	-19.720	0.240	-1.070	-0.600	-45.760	0.130
Base	18	SISMOY	-0.510	-15.420	-6.500	46.020	-1.050	-0.190
Base	19	PPROPIO	0.010	0.100	7.930	0.120	0.010	0.000
Base	19	MUERTA	0.030	0.350	14.690	0.350	0.030	-0.001
Base	19	VIVA	0.010	-0.320	2.460	0.950	0.003	0.000
Base	19	SISMOX	-19.540	0.580	1.330	-1.300	-45.550	0.130
Base	19	SISMOY	-0.520	-19.700	-19.430	51.330	-1.050	-0.190
Base	20	PPROPIO	0.020	0.430	9.410	-0.260	0.020	0.000
Base	20	MUERTA	0.070	1.380	16.090	-0.810	0.060	-0.001
Base	20	VIVA	-0.001	0.150	3.940	0.420	-0.004	0.000
Base	20	SISMOX	-19.880	0.680	-2.320	-1.740	-45.930	0.130
Base	20	SISMOY	-0.540	-15.900	-6.920	47.520	-1.070	-0.190
Base	21	PPROPIO	-0.240	0.080	7.760	0.140	-0.280	0.000
Base	21	MUERTA	-1.100	0.190	13.470	0.540	-1.260	-0.001
Base	21	VIVA	-0.180	-0.400	1.520	1.040	-0.200	0.000
Base	21	SISMOX	-15.990	1.260	15.960	-2.720	-41.530	0.130
Base	21	SISMOY	-0.370	-19.590	-20.700	52.170	-0.890	-0.190
Base	24	PPROPIO	0.530	-0.220	9.080	0.480	0.600	0.000
Base	24	MUERTA	2.400	-0.710	15.000	1.530	2.700	-0.001
Base	24	VIVA	0.710	-0.560	3.680	1.230	0.800	0.000
Base	24	SISMOX	-13.860	-1.390	-4.920	2.880	-39.450	0.130
Base	24	SISMOY	-0.020	-21.120	-1.500	50.030	-0.020	-0.190
Base	26	PPROPIO	-0.002	-0.220	10.680	0.480	-0.003	0.000
Base	26	MUERTA	-0.001	-0.690	18.530	1.520	-0.010	-0.001
Base	26	VIVA	0.010	-0.540	6.550	1.200	0.010	0.000
Base	26	SISMOX	-16.250	-0.680	0.150	1.420	-42.140	0.130
Base	26	SISMOY	0.010	-23.110	-1.580	53.240	0.010	-0.190
Base	28	PPROPIO	-0.002	-0.220	10.660	0.480	-0.002	0.000
Base	28	MUERTA	0.030	-0.690	18.530	1.520	0.030	-0.001
Base	28	VIVA	0.010	-0.530	6.550	1.190	0.010	0.000
Base	28	SISMOX	-16.240	-0.001	0.180	0.004	-42.140	0.130
Base	28	SISMOY	0.010	-24.190	-1.610	55.440	0.010	-0.190

Base	36	PPROPIO	0.260	-0.130	9.060	0.370	0.300	0.000
Base	36	MUERTA	1.370	-0.640	16.890	1.450	1.540	-0.001
Base	36	VIVA	0.450	0.040	4.650	0.540	0.510	0.000
Base	36	SISMOX	-16.640	-1.290	-14.240	2.760	-42.890	0.130
Base	36	SISMOY	0.540	-16.210	20.810	44.480	1.070	-0.190
Base	37	PPROPIO	-0.040	-0.250	10.800	0.510	-0.040	0.000
Base	37	MUERTA	-0.200	-0.630	21.850	1.440	-0.230	-0.001
Base	37	VIVA	-0.060	0.450	9.360	0.070	-0.070	0.000
Base	37	SISMOX	-20.750	-0.800	0.480	1.880	-47.530	0.130
Base	37	SISMOY	0.480	-13.690	6.500	42.130	1.000	-0.190
Base	38	PPROPIO	0.010	-0.005	9.470	0.230	0.010	0.000
Base	38	MUERTA	0.050	0.100	20.790	0.620	0.050	-0.001
Base	38	VIVA	0.030	0.680	8.290	-0.190	0.030	0.000
Base	38	SISMOX	-20.400	-0.590	1.320	1.310	-47.130	0.130
Base	38	SISMOY	0.500	-18.060	20.130	47.540	1.020	-0.190
Base	39	PPROPIO	-0.010	-0.240	10.780	0.510	-0.010	0.000
Base	39	MUERTA	-0.070	-0.610	21.670	1.430	-0.090	-0.001
Base	39	VIVA	-0.030	0.450	9.140	0.080	-0.040	0.000
Base	39	SISMOX	-20.580	-0.230	-1.060	0.580	-47.350	0.130
Base	39	SISMOY	0.500	-14.800	6.340	44.350	1.030	-0.190
Base	40	PPROPIO	0.010	0.070	9.650	0.150	0.020	0.000
Base	40	MUERTA	0.050	0.110	20.800	0.620	0.050	-0.001
Base	40	VIVA	0.020	0.690	8.310	-0.190	0.020	0.000
Base	40	SISMOX	-20.440	-0.020	0.990	0.030	-47.180	0.130
Base	40	SISMOY	0.510	-18.980	20.550	49.540	1.030	-0.190
Base	41	PPROPIO	-0.010	-0.160	10.960	0.410	-0.010	0.000
Base	41	MUERTA	-0.060	-0.610	21.670	1.440	-0.070	-0.001
Base	41	VIVA	-0.030	0.440	9.140	0.080	-0.040	0.000
Base	41	SISMOX	-20.590	0.310	-1.140	-0.680	-47.360	0.130
Base	41	SISMOY	0.510	-15.590	6.470	46.210	1.040	-0.190
Base	42	PPROPIO	0.010	-0.010	9.470	0.240	0.010	0.000
Base	42	MUERTA	0.050	0.090	20.800	0.640	0.050	-0.001
Base	42	VIVA	0.020	0.690	8.300	-0.190	0.020	0.000
Base	42	SISMOX	-20.400	0.580	0.750	-1.310	-47.140	0.130
Base	42	SISMOY	0.510	-19.790	21.080	51.420	1.040	-0.190
Base	43	PPROPIO	0.020	-0.250	10.800	0.520	0.020	0.000
Base	43	MUERTA	0.080	-0.640	21.880	1.470	0.080	-0.001
Base	43	VIVA	-0.001	0.450	9.370	0.070	-0.010	0.000
Base	43	SISMOX	-20.750	0.850	-2.800	-1.940	-47.530	0.130
Base	43	SISMOY	0.540	-16.030	6.980	47.670	1.070	-0.190
Base	44	PPROPIO	-0.250	-0.140	8.990	0.380	-0.290	0.000
Base	44	MUERTA	-1.300	-0.560	17.090	1.380	-1.480	-0.001
Base	44	VIVA	-0.420	0.020	4.500	0.560	-0.480	0.000
Base	44	SISMOX	-16.800	1.290	15.330	-2.760	-43.060	0.130
Base	44	SISMOY	0.360	-19.760	22.280	52.360	0.860	-0.190

3.5 DISEÑO ELEMENTOS NO ESTRUCTURALES

3.5.1 DISEÑO MUROS FACHADA Y DIVISORIOS

DISEÑO MURO DE FACHADA SOPORTADO EN LA BASE Y EN EL EXTREMO SUPERIOR
(Mamposteria de Perforación Vertical)

GEOMETRIA DEL MURO

Altura del muro	H=	3.00	m
Espesor del Muro	e=	0.12	m
Nivel de localización del muro		Piso DOS	
Densidad del material del muro	γm=	1800	Kg/m³
Peso del Muro	w=	2.2	KN/m²
Resistencia a la compresión del muro	f'm=	5.0	MPa

MAMPOSTERIA

Tipo de Mampostería	=	Perforación Vertical
Ubicación	=	Fachada
Tipo de Apoyo	=	Apoyo Superior e inferior aislado lateralmente

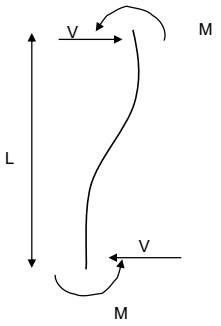
CRITERIOS DE DISEÑO

1-	Grupo de Uso		III	
2-	Coeficiente de importancia	*I*=	1.25	
3-	Grado mínimo de Desempeño		Superior	Según Tabla A.9.2-1 NSR-10
4-	Tipo de Elemento No Estructural según Tabla A.9.5-1 (NSR-10)	1		
	Mamposteria con refuerzo separado lateralmente de la estructura, apoyada arriba y abajo			
5-	Coeficiente de amplificación dinámica del elemento NO estructural	*ap*=	1.0	Según Tabla A.9.5-1 NSR-10
6-	Coeficiente de capacidad de disipación de energía	*Rpi*=	1.5	Según Tabla A.9.5-1 NSR-10
7-	Coeficiente de Aceleración pico efectiva	*Aa*=	0.15	
8-	Período de la Estructura	*T*=	0.5498	
9-	Máxima aceleración horizontal de diseño	Sa=	0.7031	

DISEÑO

Fuerza Cortante en el piso o nivel que se encuentra el muro	*Fi=*	4,371.30	KN	
Peso de la placa de entrepiso del nivel que se encuentra el muro	*wi=*	6,216.90	KN	
Aceleración Horizontal	*ax=Fi/Wi=*	0.70	g	ok< 2 Sa
Fuerza horizontal de diseño del muro	*Fp=(ax*ap)/Rp*g*Mp*	1.01	KN/m	ok > Aa I/2 g Mp
Momento de diseño actuante en el muro	*Mi=Fp*H²/8=*	1.14	KN-m	
Fuerza Cortante por metro de longitud	*Vi=Fp*H/2=*	1.52	KN	
Separación entre columnetas o refuerzo	S=	2.0	m	
Ancho de columnetas	b=	0.12	m	
Largo de Columnetas (igual que el espesor del muro)	t=	0.12	m	
Area sección columneta	Ac=	0.014	m²	
Momento actuante en cada columneta	*M=Mi*S=*	2.28	KN-m	
Area de cortante efectiva del muro	*Amv=*	120000	mm²	
Resistencia a Cortante en la dirección perpendicular del muro	*ØVn=Ø1/6Amv*(f'm)^0.5=*	60	KN	*ok >Vi*
Cortante actuante en cada columneta	V=Vi*S=	3.04	KN	*ok >Vi*

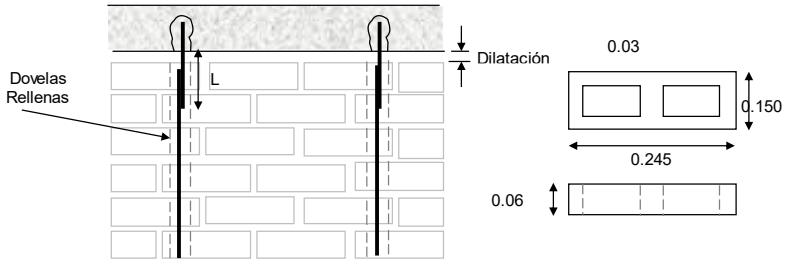
Fuerzas actuante sobre el refuerzo de anclaje



Número de la varilla de anclaje	#=	4	
Cantidad de Varillas	CANT=	2	
Diámetro de la varilla de anclaje	D=	12.70	mm
Longitud libre de la varilla de anclaje	L=	100	mm
Esfuerzo de Fluencia del refuerzo	fy=	420	MPa

Fuerza Cortante Resistente del refuerzo de anclaje

$V=\pi D^3 fy /(16 L)$ = 3.38 KN ok



3.5.2 DISEÑO CORREAS

REPORTE DE CORREAS

PHR C con atiesador 150 x 50 x 17 (2.50 mm)

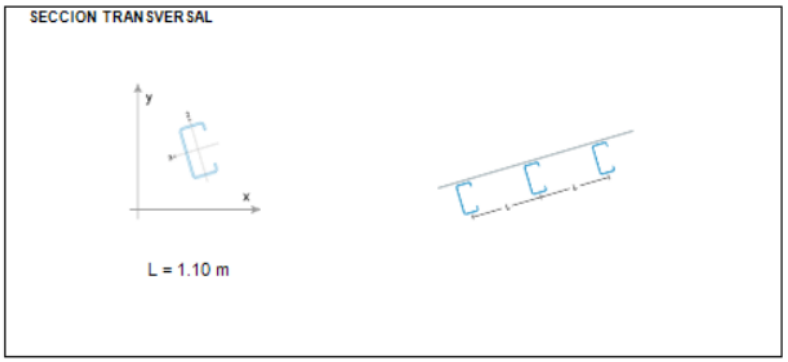
con Fy = 35.15 Kgf/mm² cada 1.10 m con arriostramiento cada L/2.

SECCION LONGITUDINAL



L1	4.52 m
A1	0.08 m
A2	0.08 m

CONFIGURACION	
TIPO DE CARGA	DISTRIBUIDA
Carga muerta	0.07 Ton/m²
Peso propio correa	0.01 Ton/m
Carga viva	0.05 Ton/m²
Carga granizo	0.00 Ton/m²
Viento compresión (Perpendicular)	0.04 Ton/m²
Viento succión (Perpendicular)	0.04 Ton/m²
Pendiente sección transversal	16° = 28.6750%



REPORTES DE DISEÑO

REPORTE FLEXION				
	Apoyos		Interiores	
Ejes locales	3	2	3	2
Resistente (Ton.m)	0.9532	0.1849	0.6539	0.1849
Calculado (Ton.m)	3.3359E-07	6.2500E-09	0.5314	0.0339

REPORTE CORTANTE		
Ejes locales	2	3
Resistente (Ton)	6.7627	3.5066
Calculado (Ton)	0.4616	0.0593

REPORTE DEFLEXION		
Deflexiones máximas	Instantanea	Permanente
Admisible (m)	0.0170	0.0000
Calculado (m)	0.0069	0.0000

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M.P 22202221866 COR
Contratista Dirección Departamental de Proyectos
Gobernación de Córdoba

MEMORIA DE ANÁLISIS Y DISEÑO ESTRUCTURAL

DATOS DEL PROYECTO	
OBJETO:	ESTUDIOS Y DISEÑOS ESTRUCTURALES DE LA EDIFICACIÓN UBICADA EN EL MUNICIPIO DE PLANETA RICA DEPARTAMENTO DE CÓRDOBA.
SOLICITANTE:	GOBERNACIÓN DE CÓRDOBA
DIRECCIÓN:	MUNICIPIO DE PLANETA RICA
MUNICIPIO:	PLANETA RICA
DEPARTAMENTO:	CÓRDOBA
FECHA:	OCTUBRE DE 2025

INGENIERO RESPONSABLE	
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MATRICULA PROF.:	22202221866 COR
DEPENDENCIA:	CONTRATISTA DEPARTAMENTO ADMINISTRATIVO DE PLANEACIÓN – GOBERNACIÓN DE CÓRDOBA
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1. LICEO PLANETA RICA – BLOQUE D

Estudios y diseños estructurales de la edificación ubicada en el municipio de Planeta Rica departamento de Córdoba.

1.1 DESCRIPCION DEL PROYECTO Y SISTEMA ESTRUCTURAL

No. Pisos	Área (m^2)	Tipo de Estructura	Descripción
2	665.15	Pórticos en Concreto	La estructura tiene un pórtico tridimensional de concreto reforzado con elementos en los dos sentidos principales, con columnas de sección 0.45x0.45m, y vigas de secciones 0.30x0.35m a 0.35x0.55m. La placa del segundo piso es aligerada con viguetas de sección 0.12x0.35m. La cubierta es tipo liviana apoyada en perfiles metálicos tipo C.

1.2 CIMENTACION

La cimentación de la estructura son zapatas aisladas de secciones 1.10x1.10m, 1.,45x1.45m, 1.10x1.50m, 1.60x1.60, 1.70x1.70m, 1.80x1.80m y altura de 0.40m, con vigas de amarre de sección de 0.30x0.40m que vinculan todas las columnas de la estructura. La cimentación se encuentra localizada a una profundidad de 1.00m. La capacidad portante para zapatas es 17.00Ton/m2.

1.3 MATERIALES

Concretos

Bloque	f´c Ton/m2	Ec Ton/m2
BLOQUE D	2100.00	2153811.00

El módulo de elasticidad del concreto Ec se ha calculado con las formulaciones de la norma:

$$Ec = 4700\sqrt{f'c}\,(MPa)$$

Acero de Refuerzo

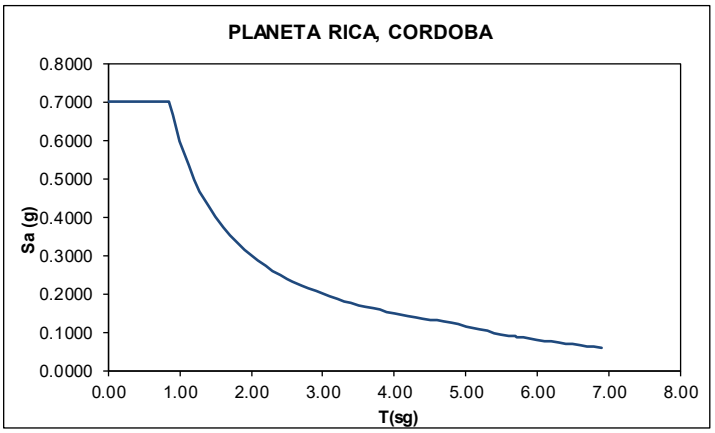
El refuerzo longitudinal y transversal, acero corrugado Grado 60 con punto de fluencia fy=42000Ton/m2. El módulo de elasticidad de este acero es Es= 20´390.000 Ton/m2.

1.4 ZONA DE MICROZONIFICACIÓN SISMICA

Esta parte incluye la evaluación del Espectro de Diseño Sísmico, acorde según NSR-10. Este espectro se afecta por el Coeficiente de Importancia (I).

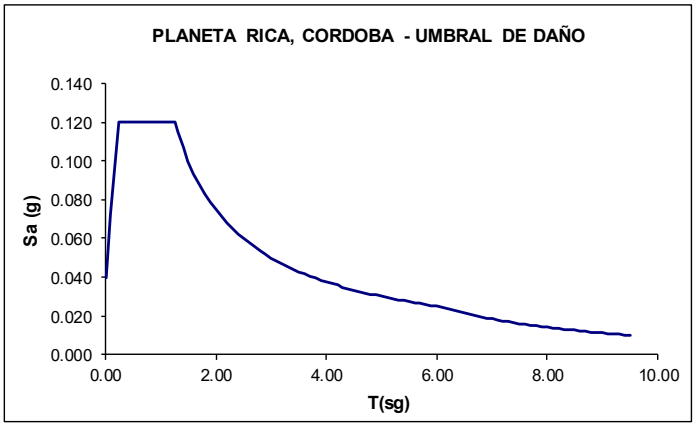
PARAMETROS SISMICOS
Region: PLANETA RICA, CORDOBA

	PLANETA RICA, CORDOBA
Tc	0.85
TL	4.80
Aa	0.15
Av	0.20
Fa	1.50
Fv	2.00
I	1.25
Samax =	0.7031



PARAMETROS SISMICOS
Region: PLANETA RICA, CORDOBA - UMBRAL DE DAÑO

	PLANETA RICA, CORDOBA
Ad	0.04
Ae	0.08
Fv	2.00
S	2.50
Tcd	1.25
TLd	6.00
I	1.25
Sadmax	0.12



1.5 EVALUACIÓN DE IRREGULARIDADES

Con el objeto de establecer el comportamiento de la edificación ante cargas sísmicas, se evalúan sus irregularidades en planta y en altura. En la siguiente tabla se determinan los grados de irregularidad según el Titulo A de la NSR-10 tablas A.3-6 y A.3-7.

ϕa: Irregularidad en altura ϕp: Irregularidad en planta

Bloque	ϕa	Descripción	ϕp	Descripción
BLOQUE D	1.0	Estructura de dos pisos no presenta irregularidad en altura.	1.0	Estructura con forma rectangular no presenta irregularidades en planta.

1.6 DETERMINACIÓN DE Sa y Ro.

CALCULO DEL CORTANTE SISMICO

Ct =	0.047
α =	0.900
Av =	0.200
Fv =	2.000

Para porticos resistentes a momentos de concreto

Cu = 1.27

Ta = Ct * $Hn^{(\alpha)}$

Cu =	1.27
Hn=	**6.80 m**
Ta=	0.26 sg
Cu Ta =	0.34 sg
10%Cu Ta =	0.37 sg

Periodo Etabs

T =	**0.461 sg**
Sa =	**0.7031**

R = Ro Φp Φa Φr

Ro =	**5.00**
Φp=	**1.00**
Φa=	**1.00**
Φr=	**0.75**
R =	**3.75**

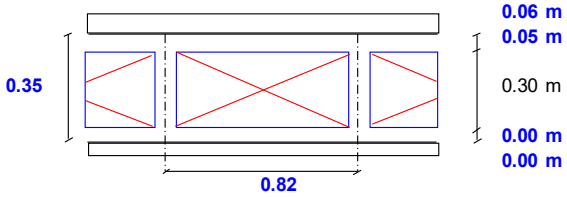
Peso total del edificio= **407.98T**

Cortante en la base= 286.86T

1.7 EVALUACIÓN DE CARGAS VERTICALES Y SISMICAS

1.7.1 CARGAS VERTICALES

CARGAS SOBRE LOSA ALIGERADA SEGUNDO PISO



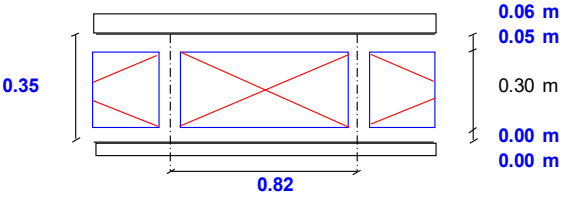
PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Espesor m	Densidad T/m³	Peso Ton/m²	NSR 10 CAP B-3
Viguetas	**0.12**	2.40	0.105	B.3.2
Losa superior	0.05	2.40	0.120	B.3.2
Alistado	0.06	2.10	0.126	B.3.2
Caseton			**0.022**	
Muros Mamposteria		1.80	**0.100**	B.3.4.2
Losa inferior	0.00	2.40	0.000	B.3.2
Cielorraso	0.00	2.10	**0.025**	B.3.2
Instalaciones			**0.010**	
Total			**0.51T/m²**	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
SALONES	**0.20T/m²**	

CARGAS SOBRE LOSA ALIGERADA SEGUNDO PISO



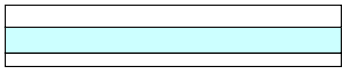
PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Espesor m	Densidad T/m³	Peso Ton/m²	NSR 10 CAP B-3
Viguetas	**0.12**	2.40	0.105	B.3.2
Losa superior	0.05	2.40	0.120	B.3.2
Alistado	0.06	2.10	0.126	B.3.2
Caseton			**0.022**	
Muros Mamposteria		1.80	**0.000**	B.3.4.2
Losa inferior	0.00	2.40	0.000	B.3.2
Cielorraso	0.00	2.10	**0.025**	B.3.2
Instalaciones			**0.010**	
Total			**0.41T/m²**	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
CORREDORES	**0.50T/m²**	

CARGAS SOBRE LOSA MACIZA NE+9.60



0.03 m
0.10 m
0.00 m

PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Espesor m	Densidad T/m³	Peso Ton/m²	NSR 10 CAP B-3
Losa Maciza	0.10	2.40	0.240	B.3.2
Alistado	0.03	2.10	0.063	B.3.2
Muros Mamposteria		1.80	0.000	B.3.4.2
Impermeabilizacion			0.015	B.3.3
Instalaciones			0.005	
Total			0.32T/m²	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
LIVIANA	0.05T/m²	

CARGAS SOBRE CUBIERTA



PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Peso Ton/m²	NSR 10 CAP B-4
Teja tipo sandwich	0.013	B.3.3
Correas	0.030	
Iluminacion	0.005	
Cielorraso	0.020	
Total	0.07T/m²	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
Cubierta, pendiente menor al 20%	0.05T/m²	

1.7.2 CARGAS HORIZONTALES (SÍSMICAS)

El efecto de la torsión accidental se considera en el programa ETABS cuando en las combinaciones de carga sísmicas (SISMOX, SISMOY) se afecta la dirección en análisis por 0.05. Ver Define Response Spectra en el archivo base.

1.8 DESCRIPCIÓN DE LA METODOLOGÍA DEL ANÁLISIS SISMICO

La modelación matemática se realizó en el programa ETABS. Los modelos reflejan la configuración tridimensional de la edificación. El método de análisis del sistema de resistencia sísmica es por el método de Fuerza Horizontal Equivalente. El alcance del modelo matemático abarca el análisis de vigas y columnas, en el rango elástico.

2 DATOS DE ENTRADA DE LOS MODELOS DE CÁLCULO Y DISEÑO

```
$ PROGRAM INFORMATION
  PROGRAM  "ETABS"  VERSION "18.1.1"

$ CONTROLS
  UNITS  "KN"  "M"  "C"
  TITLE1  "ljgd"
  TITLE2  "BLOQUE 1 - PLANETA RICA"
  PREFERENCE  MERGETOL 0.001
  RLLF  METHOD "ASCE7-10"  USEDEFAULTMIN "YES"

$ STORIES - IN SEQUENCE FROM TOP
  STORY "CUB"  HEIGHT 3.35
  STORY "P2"  HEIGHT 3.45
  STORY "Base"  ELEV -5.74E-14

$ GRIDS
  GRIDSYSTEM "G1"  TYPE "CARTESIAN"  BUBBLESIZE 1.25
  GRID "G1"  LABEL "A"  DIR "X"  COORD 0 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G1"  LABEL "1"  DIR "Y"  COORD 0 VISIBLE "Yes"  BUBBLELOC "Start"

$ DIAPHRAGM NAMES
  DIAPHRAGM "D1"    TYPE RIGID
```

```
$ MATERIAL PROPERTIES
  MATERIAL  "STEEL"    TYPE "Steel"    WEIGHTPERVOLUME 78.5
  MATERIAL  "STEEL"    SYMTYPE "Isotropic"  E 2E+08  U 0.3  A
0.000119999996968545
  MATERIAL  "STEEL"  FY 344.7379  FU 448.1593 FYE 379211.7  FUE 492975.2
  MATERIAL  "STEEL"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17
FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "ASTM A706"    TYPE "Rebar"    WEIGHTPERVOLUME 78.5
  MATERIAL  "ASTM A706"    SYMTYPE "Uniaxial"  E 2E+08  A
1.20000004244503E-05
  MATERIAL  "ASTM A706"  FY 420000  FU 550000 FYE 420000  FUE 550000
  MATERIAL  "ASTM A706"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.01 STRAINATULTIMATE 0.09 FINALSLOPE -0.1 IOTENSION
0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01
CPCOMPRESSION 0.02
  MATERIAL  "ASTM A36"    TYPE "Steel"    WEIGHTPERVOLUME 78.5
  MATERIAL  "ASTM A36"    SYMTYPE "Isotropic"  E 2E+08  U 0.3  A
0.000119999996968545
  MATERIAL  "ASTM A36"  FY 250000  FU 408000 FYE 275000  FUE 448800
  MATERIAL  "ASTM A36"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17
```

```
FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "ASTM A500 Gr.B (Fy=322MPa)"    TYPE "Steel"
WEIGHTPERVOLUME 78.5
  MATERIAL  "ASTM A500 Gr.B (Fy=322MPa)"    SYMTYPE "Isotropic"  E 2E+08
U 0.3  A 0.000119999999968545
  MATERIAL  "ASTM A500 Gr.B (Fy=322MPa)"  FY 322000  FU 448000 FYE 354200
FUE 492975.2
  MATERIAL  "ASTM A500 Gr.B (Fy=322MPa)"  HYSTYPE "Kinematic"  SSTYPE
"Simple"  STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE
0.17 FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "ASTM A500 Gr.C (Fy=322MPa)"    TYPE "Steel"
WEIGHTPERVOLUME 78.5
  MATERIAL  "ASTM A500 Gr.C (Fy=322MPa)"    SYMTYPE "Isotropic"  E 2E+08
U 0.3  A 0.000119999999968545
  MATERIAL  "ASTM A500 Gr.C (Fy=322MPa)"  FY 322000  FU 448000 FYE 354200
FUE 492975.2
  MATERIAL  "ASTM A500 Gr.C (Fy=322MPa)"  HYSTYPE "Kinematic"  SSTYPE
"Simple"  STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE
0.17 FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "ASTM A500 Gr.C (Fy=350MPa)"    TYPE "Steel"
WEIGHTPERVOLUME 78.5
  MATERIAL  "ASTM A500 Gr.C (Fy=350MPa)"    SYMTYPE "Isotropic"  E 2E+08
U 0.3  A 0.000119999999968545
  MATERIAL  "ASTM A500 Gr.C (Fy=350MPa)"  FY 350000  FU 448000 FYE 385000
FUE 492975.2
  MATERIAL  "ASTM A500 Gr.C (Fy=350MPa)"  HYSTYPE "Kinematic"  SSTYPE
"Simple"  STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE
0.17 FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "ASTM A1011"    TYPE "Steel"    WEIGHTPERVOLUME 78.5
  MATERIAL  "ASTM A1011"    SYMTYPE "Isotropic"  E 2E+08  U 0.3  A
0.000119999999968545
  MATERIAL  "ASTM A1011"  FY 350000  FU 420000 FYE 385000  FUE 462000
  MATERIAL  "ASTM A1011"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17
FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "ASTM A653"    TYPE "Steel"    WEIGHTPERVOLUME 78.5
  MATERIAL  "ASTM A653"    SYMTYPE "Isotropic"  E 2E+08  U 0.3  A
0.000119999999968545
  MATERIAL  "ASTM A653"  FY 350000  FU 420000 FYE 385000  FUE 462000
  MATERIAL  "ASTM A653"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17
FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "ASTM A572 Gr.50"    TYPE "Steel"    WEIGHTPERVOLUME 78.5
  MATERIAL  "ASTM A572 Gr.50"    SYMTYPE "Isotropic"  E 2E+08  U 0.3  A
0.000119999999968545
  MATERIAL  "ASTM A572 Gr.50"  FY 350000  FU 450000 FYE 385000  FUE
495000
  MATERIAL  "ASTM A572 Gr.50"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17
FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "CONC"    TYPE "Concrete"    WEIGHTPERVOLUME 24
  MATERIAL  "CONC"    SYMTYPE "Isotropic"  E 2.48E+07  U 0.2  A
9.99999974737875E-06
  MATERIAL  "CONC"    FC 28
  MATERIAL  "CONC"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"
STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1 IOTENSION
0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION
0.006 CPCOMPRESSION 0.015
  MATERIAL  "CONC21W0"    TYPE "Concrete"    WEIGHTPERVOLUME 0.0001
  MATERIAL  "CONC21W0"    SYMTYPE "Isotropic"  E 2.15E+07  U 0.2  A
9.99999974737875E-06
  MATERIAL  "CONC21W0"    FC 21000
  MATERIAL  "CONC21W0"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC21W0"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE
"Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003
LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "CONC21"    TYPE "Concrete"    WEIGHTPERVOLUME 24
  MATERIAL  "CONC21"    SYMTYPE "Isotropic"  E 2.15E+07  U 0.2  A
9.99999974737875E-06
  MATERIAL  "CONC21"    FC 21000
  MATERIAL  "CONC21"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC21"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"
STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1 IOTENSION
0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION
0.006 CPCOMPRESSION 0.015
  MATERIAL  "CONC24.5"    TYPE "Concrete"    WEIGHTPERVOLUME 24
  MATERIAL  "CONC24.5"    SYMTYPE "Isotropic"  E 2.32E+07  U 0.2  A
9.99999974737875E-06
  MATERIAL  "CONC24.5"    FC 24500
  MATERIAL  "CONC24.5"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC24.5"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE
"Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003
LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "CONC28"    TYPE "Concrete"    WEIGHTPERVOLUME 24
  MATERIAL  "CONC28"    SYMTYPE "Isotropic"  E 2.48E+07  U 0.2  A
9.99999974737875E-06
  MATERIAL  "CONC28"    FC 28000
  MATERIAL  "CONC28"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC28"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"
STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1 IOTENSION
0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION
0.006 CPCOMPRESSION 0.015
  MATERIAL  "A416Gr270"    TYPE "Tendon"    WEIGHTPERVOLUME 76.97286
  MATERIAL  "A416Gr270"    SYMTYPE "Uniaxial"  E 1.965006E+08  A
1.16999999590917E-05
  MATERIAL  "A416Gr270"  FY 1689905  FU 1861585
  MATERIAL  "A416Gr270"  HYSTYPE "Kinematic"  SSTYPE "270ksi"  FINALSLOPE
-0.1 IOTENSION 0.015 LSTENSION 0.023 CPTENSION 0.03 IOCOMPRESSION 0.015
LSCOMPRESSION 0.023 CPCOMPRESSION 0.03
  MATERIAL  "Mampostería"    TYPE "Other"    WEIGHTPERVOLUME 14.5
  MATERIAL  "Mampostería"    SYMTYPE "Isotropic"  E 9537000  U 0.2  A
9.89999989542412E-06
  MATERIAL  "Mampostería"  DESIGNTYPE "OTHER"
  MATERIAL  "Mampostería"  HYSTYPE "Elastic"  IOTENSION 0.01 LSTENSION
0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION
0.02 IGNORETENSIONACCEPTANCE "No"
  MATERIAL  "Mampostería"  STRAIN -1 STRESS -1
  MATERIAL  "Mampostería"  STRAIN 0 STRESS 0 POINTID "A"
  MATERIAL  "Mampostería"  STRAIN 1 STRESS 1
  MATERIAL  "A653SQGr50"    TYPE "Coldformed"    GRADE "SQ Grade 50"
WEIGHTPERVOLUME 76.97286
  MATERIAL  "A653SQGr50"    SYMTYPE "Isotropic"  E 2.033954E+08  U 0.3  A
1.16999999590917E-05
  MATERIAL  "A653SQGr50"  HYSTYPE "Kinematic"  IOTENSION 0.01 LSTENSION
0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION
0.02
  MATERIAL  "A653SQGr50"  STRAIN -69 STRESS 0
  MATERIAL  "A653SQGr50"  STRAIN -59 STRESS -1 POINTID "-E"
  MATERIAL  "A653SQGr50"  STRAIN -47.2 STRESS -1.3 POINTID "-D"
  MATERIAL  "A653SQGr50"  STRAIN -29.5 STRESS -1.3 POINTID "-C"
  MATERIAL  "A653SQGr50"  STRAIN -11.8 STRESS -1
  MATERIAL  "A653SQGr50"  STRAIN -1 STRESS -1 POINTID "-B"
  MATERIAL  "A653SQGr50"  STRAIN 0 STRESS 0 POINTID "A"
  MATERIAL  "A653SQGr50"  STRAIN 1 STRESS 1 POINTID "B"
  MATERIAL  "A653SQGr50"  STRAIN 11.8 STRESS 1
  MATERIAL  "A653SQGr50"  STRAIN 29.5 STRESS 1.3 POINTID "C"
  MATERIAL  "A653SQGr50"  STRAIN 47.2 STRESS 1.3 POINTID "D"
  MATERIAL  "A653SQGr50"  STRAIN 59 STRESS 1 POINTID "E"
  MATERIAL  "A653SQGr50"  STRAIN 69 STRESS 0

$ REBAR DEFINITIONS
  REBARDEFINITION  "6"  AREA  2.83E-05 DIA  0.006
  REBARDEFINITION  "8"  AREA  5.03E-05 DIA  0.008
  REBARDEFINITION  "10"  AREA  7.85E-05 DIA  0.01
  REBARDEFINITION  "12"  AREA  0.0001131 DIA  0.012
  REBARDEFINITION  "14"  AREA  0.0001539 DIA  0.014
  REBARDEFINITION  "16"  AREA  0.0002011 DIA  0.016
  REBARDEFINITION  "18"  AREA  0.0002545 DIA  0.018
  REBARDEFINITION  "20"  AREA  0.0003142 DIA  0.02
  REBARDEFINITION  "22"  AREA  0.0003801 DIA  0.022
  REBARDEFINITION  "25"  AREA  0.0004909 DIA  0.025
  REBARDEFINITION  "26"  AREA  0.0005309 DIA  0.026
  REBARDEFINITION  "28"  AREA  0.0006158 DIA  0.028
  REBARDEFINITION  "32"  AREA  0.0008042 DIA  0.032
  REBARDEFINITION  "36"  AREA  0.0010179 DIA  0.036
  REBARDEFINITION  "40"  AREA  0.0012566 DIA  0.04
  REBARDEFINITION  "50"  AREA  0.0019635 DIA  0.05

$ FRAME SECTIONS
  FRAMESECTION  "VT-0.12x0.35"  MATERIAL "CONC21"  SHAPE "Concrete
Rectangular"  D 0.35 B 0.12
  FRAMESECTION  "VT-0.12x0.30"  MATERIAL "CONC21"  SHAPE "Concrete
Rectangular"  D 0.3 B 0.12
  FRAMESECTION  "VG-0.35x0.45"  MATERIAL "CONC21"  SHAPE "Concrete
Rectangular"  D 0.45 B 0.35
  FRAMESECTION  "VG-0.30x0.35"  MATERIAL "CONC21"  SHAPE "Concrete
Rectangular"  D 0.35 B 0.3
  FRAMESECTION  "C-0.45x0.45"  MATERIAL "CONC21"  SHAPE "Concrete
Rectangular"  D 0.45 B 0.45
  FRAMESECTION  "VT-0,15x0,35"  MATERIAL "CONC21"  SHAPE "Concrete
Rectangular"  D 0.35 B 0.15
  FRAMESECTION  "VG-0.35x0.55"  MATERIAL "CONC21"  SHAPE "Concrete
Rectangular"  D 0.55 B 0.35
  FRAMESECTION  "VT-0.12x0.35"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "VT-0.12x0.30"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "VG-0.35x0.45"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "VG-0.30x0.35"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "C-0.45x0.45"  I2MOD 0.7 I3MOD 0.7
  FRAMESECTION  "VT-0,15x0,35"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "VG-0.35x0.55"  JMOD 0.1 I3MOD 0.35

$ CONCRETE SECTIONS
  CONCRETESECTION  "VT-0.12x0.35"  LONGBARMATERIAL "ASTM A706"
CONFINEBARMATERIAL "ASTM A706"  TYPE "Beam"  COVERTOP 0.06 COVERBOTTOM
0.06 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "VT-0.12x0.30"  LONGBARMATERIAL "ASTM A706"
CONFINEBARMATERIAL "ASTM A706"  TYPE "Beam"  COVERTOP 0.06 COVERBOTTOM
0.06 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "VG-0.35x0.45"  LONGBARMATERIAL "ASTM A706"
CONFINEBARMATERIAL "ASTM A706"  TYPE "Beam"  COVERTOP 0.06 COVERBOTTOM
0.06 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "VG-0.30x0.35"  LONGBARMATERIAL "ASTM A706"
CONFINEBARMATERIAL "ASTM A706"  TYPE "Beam"  COVERTOP 0.06 COVERBOTTOM
0.06 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "C-0.45x0.45"  LONGBARMATERIAL "ASTM A706"
CONFINEBARMATERIAL "ASTM A706"  TYPE "Column"  PATTERN "R-3-3"
TRANSREINF "TIES"  DESIGNCHECK "DESIGN"  COVER 0.04 LONGBARAREA 0.0003142
CONFINEBARAREA 7.85E-05 CONFINEBARSPACING 0.1 NUMCONFINEBARS3 3
NUMCONFINEBARS2 3
  CONCRETESECTION  "VT-0,15x0,35"  LONGBARMATERIAL "ASTM A706"
CONFINEBARMATERIAL "ASTM A706"  TYPE "Beam"  COVERTOP 0.06 COVERBOTTOM
0.06 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "VG-0.35x0.55"  LONGBARMATERIAL "ASTM A706"
CONFINEBARMATERIAL "ASTM A706"  TYPE "Beam"  COVERTOP 0.06 COVERBOTTOM
0.06 ATI 0 ABI 0 ATJ 0 ABJ 0

$ TENDON SECTIONS
  TENDONSECTION  "Tendon1"  MATERIAL  "A416Gr270"  STRANDAREA  9.870948E-
05

$ SLAB PROPERTIES
```

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  SHELLPROP  "Losa de Carga 1 Dir"  PROPTYPE  "Slab"  MATERIAL "CONC21W0"
MODELINGTYPE "Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"
SLABTHICKNESS 0.001
  SHELLPROP  "Losa de Carga 2 Dir"  PROPTYPE  "Slab"  MATERIAL "CONC21W0"
MODELINGTYPE "Membrane"  SLABTYPE "Slab"  SLABTHICKNESS 0.001

$ DECK PROPERTIES
  SHELLPROP  "Deck1"  PROPTYPE  "Deck"  DECKTYPE "Filled"  CONCMATERIAL
"CONC21"  DECKMATERIAL "STEEL"  DECKSLABDEPTH 0.0875 DECKRIBDEPTH 0.075
DECKRIBWIDTHTOP 0.175 DECKRIBWIDTHBOTTOM 0.125 DECKRIBSPACING 0.3
DECKSHEARTHICKNESS 0.001 DECKUNITWEIGHT 0.1101246 SHEARSTUDDIAM 0.019
SHEARSTUDHEIGHT 0.15 SHEARSTUDFU 400000

$ WALL PROPERTIES
  SHELLPROP  "Wall1"  PROPTYPE  "Wall"  MATERIAL "CONC21"  MODELINGTYPE
"ShellThin"  WALLTHICKNESS 0.25

$ LINK PROPERTIES
  LINKPROP  "Link1"  TYPE "LINEAR"
  LINKPROP  "Link1"  DOF "U1"
  LINKPROP  "Link1"  U1STIFF 1

$ PIER/SPANDREL NAMES
  PIERNAME  "P1"
  SPANDRELNAME  "S1"

$ POINT COORDINATES
  POINT "13"  0 0
  POINT "26"  14.75 -2.109367
  POINT "295"  14.75 -4.26E-14
  POINT "296"  14.75 4.538661
  POINT "297"  14.75 9.077323
  POINT "298"  14.75 13.61644
  POINT "303"  14.75 18.15556
  POINT "304"  10.6 18.15556
  POINT "305"  6.284999 18.15556
  POINT "306"  6.284999 9.077323
  POINT "307"  6.284999 -1.42E-14
  POINT "308"  10.6 -7.540976E-05
  POINT "309"  10.6 9.077323
  POINT "310"  20.25765 0.1298373
  POINT "311"  20.25765 4.538661
  POINT "312"  20.25765 9.077323
  POINT "313"  20.25765 12.61644
  POINT "314"  20.25765 16.47984
  POINT "316"  17.83265 16.47984
  POINT "317"  17.83265 18.15556
  POINT "318"  6.284999 4.538661
  POINT "319"  6.284999 13.61644
  POINT "320"  20.25765 5.515394
  POINT "321"  14.75 5.515394
  POINT "322"  20.25765 6.377126
  POINT "323"  14.75 6.377126
  POINT "324"  20.25765 7.238858
  POINT "325"  14.75 7.238858
  POINT "326"  20.25765 8.100591
  POINT "327"  14.75 8.100591
  POINT "328"  10.6 5.515394
  POINT "329"  6.284999 5.515394
  POINT "330"  10.6 6.377126
  POINT "331"  6.284999 6.377126
  POINT "332"  10.6 7.238858
  POINT "333"  6.284999 7.238858
  POINT "334"  10.6 8.100591
  POINT "335"  6.284999 8.100591
  POINT "336"  20.25765 10.05415
  POINT "337"  14.75 10.05415
  POINT "338"  20.25765 10.91597
  POINT "339"  14.75 10.91597
  POINT "340"  20.25765 11.77779
  POINT "341"  14.75 11.77779
  POINT "342"  20.13 12.63962
  POINT "343"  14.75 12.63962
  POINT "344"  10.6 10.05415
  POINT "345"  6.284999 10.05415
  POINT "346"  10.6 10.91597
  POINT "347"  6.284999 10.91597
  POINT "348"  10.6 11.77779
  POINT "349"  6.284999 11.77779
  POINT "350"  10.6 12.63962
  POINT "351"  6.284999 12.63962
  POINT "352"  20.25765 13.69235
  POINT "353"  14.75 13.69235
  POINT "354"  20.25765 14.60484
  POINT "355"  17.85765 14.60484
  POINT "356"  17.85765 18.15556
  POINT "357"  19.78265 -2.109367
  POINT "360"  19.78265 -1.434632
  POINT "361"  14.75 -1.434632
  POINT "362"  19.78265 -0.7598974
  POINT "363"  14.75 -0.7598974
  POINT "364"  14.75 -2.094367
  POINT "365"  17.85765 -2.094367
  POINT "367"  14.75 14.60484
  POINT "368"  0 18.15556
  POINT "369"  0 13.61644
  POINT "370"  0 9.077323
  POINT "371"  0 4.538661
  POINT "372"  14.75 16.47984
  POINT "373"  20.25765 14.60326
  POINT "374"  14.75 14.60326
  POINT "375"  20.25765 15.47509
  POINT "376"  14.75 15.47509
  POINT "377"  14.75 16.34691
  POINT "378"  10.6 16.34691
  POINT "379"  17.83265 17.21873
  POINT "380"  14.75 17.21873
  POINT "381"  10.6 14.60326
  POINT "382"  6.284999 14.60326
  POINT "383"  10.6 15.47509
  POINT "384"  6.284999 15.47509
  POINT "385"  6.284999 16.34691
  POINT "386"  10.6 17.21873
  POINT "387"  6.284999 17.21873
  POINT "388"  20.25765 0.9367323
  POINT "389"  14.75 0.9367323
  POINT "390"  20.25765 1.808465
  POINT "391"  14.75 1.808465
  POINT "392"  20.25765 2.680197
  POINT "393"  14.75 2.680197
  POINT "394"  20.25765 3.551929
  POINT "395"  14.75 3.551929
  POINT "396"  10.6 0.9367323
  POINT "397"  6.284999 0.9367323
  POINT "398"  10.6 1.808465
  POINT "399"  6.284999 1.808465
  POINT "400"  10.6 2.680197
  POINT "401"  6.284999 2.680197
  POINT "402"  10.6 3.551929
  POINT "403"  6.284999 3.551929
  POINT "1"  17.85765 0.07325975
  POINT "3"  19.78265 0.1186397

$ LINE CONNECTIVITIES
  LINE  "C13"  COLUMN  "13"  "13"  1
  LINE  "C26"  COLUMN  "295"  "295"  1
  LINE  "C34"  COLUMN  "296"  "296"  1
  LINE  "C35"  COLUMN  "297"  "297"  1
  LINE  "C36"  COLUMN  "298"  "298"  1
  LINE  "C37"  COLUMN  "303"  "303"  1
  LINE  "C38"  COLUMN  "308"  "308"  1
  LINE  "C39"  COLUMN  "309"  "309"  1
  LINE  "C40"  COLUMN  "304"  "304"  1
  LINE  "C41"  COLUMN  "307"  "307"  1
  LINE  "C42"  COLUMN  "306"  "306"  1
  LINE  "C43"  COLUMN  "305"  "305"  1
  LINE  "C44"  COLUMN  "371"  "371"  1
  LINE  "C45"  COLUMN  "370"  "370"  1
  LINE  "C46"  COLUMN  "369"  "369"  1
  LINE  "C47"  COLUMN  "368"  "368"  1
  LINE  "C48"  COLUMN  "310"  "310"  1
  LINE  "C49"  COLUMN  "311"  "311"  1
  LINE  "C50"  COLUMN  "312"  "312"  1
  LINE  "C51"  COLUMN  "313"  "313"  1
  LINE  "C52"  COLUMN  "314"  "314"  1
  LINE  "B261"  BEAM  "26"  "295"  0
  LINE  "B266"  BEAM  "296"  "297"  0
  LINE  "B289"  BEAM  "297"  "298"  0
  LINE  "B290"  BEAM  "298"  "303"  0
  LINE  "B291"  BEAM  "304"  "303"  0
  LINE  "B292"  BEAM  "305"  "304"  0
  LINE  "B293"  BEAM  "306"  "305"  0
  LINE  "B294"  BEAM  "307"  "306"  0
  LINE  "B295"  BEAM  "307"  "308"  0
  LINE  "B296"  BEAM  "308"  "295"  0
  LINE  "B297"  BEAM  "306"  "309"  0
  LINE  "B298"  BEAM  "309"  "297"  0
  LINE  "B299"  BEAM  "308"  "309"  0
  LINE  "B300"  BEAM  "309"  "304"  0
  LINE  "B301"  BEAM  "310"  "311"  0
  LINE  "B302"  BEAM  "311"  "312"  0
  LINE  "B303"  BEAM  "312"  "313"  0
  LINE  "B304"  BEAM  "313"  "314"  0
  LINE  "B306"  BEAM  "296"  "311"  0
  LINE  "B307"  BEAM  "297"  "312"  0
  LINE  "B308"  BEAM  "298"  "313"  0
  LINE  "B309"  BEAM  "316"  "317"  0
  LINE  "B310"  BEAM  "303"  "317"  0
  LINE  "B311"  BEAM  "318"  "296"  0
  LINE  "B312"  BEAM  "319"  "298"  0
  LINE  "B313"  BEAM  "321"  "320"  0
  LINE  "B314"  BEAM  "323"  "322"  0
  LINE  "B315"  BEAM  "325"  "324"  0
  LINE  "B316"  BEAM  "327"  "326"  0
  LINE  "B317"  BEAM  "328"  "321"  0
  LINE  "B318"  BEAM  "329"  "328"  0
  LINE  "B319"  BEAM  "330"  "323"  0
  LINE  "B320"  BEAM  "331"  "330"  0
  LINE  "B321"  BEAM  "332"  "325"  0
  LINE  "B322"  BEAM  "333"  "332"  0
  LINE  "B323"  BEAM  "334"  "327"  0
  LINE  "B324"  BEAM  "335"  "334"  0
  LINE  "B325"  BEAM  "337"  "336"  0
  LINE  "B326"  BEAM  "339"  "338"  0
  LINE  "B327"  BEAM  "341"  "340"  0
  LINE  "B328"  BEAM  "343"  "342"  0
  LINE  "B329"  BEAM  "344"  "337"  0
  LINE  "B330"  BEAM  "345"  "344"  0
  LINE  "B331"  BEAM  "346"  "339"  0
  LINE  "B332"  BEAM  "347"  "346"  0
  LINE  "B333"  BEAM  "348"  "341"  0
  LINE  "B334"  BEAM  "349"  "348"  0
  LINE  "B335"  BEAM  "350"  "343"  0
  LINE  "B336"  BEAM  "351"  "350"  0
  LINE  "B337"  BEAM  "353"  "352"  0
  LINE  "B338"  BEAM  "295"  "296"  0
  LINE  "B339"  BEAM  "313"  "354"  0
  LINE  "B340"  BEAM  "355"  "356"  0
  LINE  "B341"  BEAM  "303"  "356"  0
  LINE  "B344"  BEAM  "361"  "360"  0
  LINE  "B345"  BEAM  "363"  "362"  0
  LINE  "B346"  BEAM  "364"  "295"  0
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  LINE  "B347"  BEAM  "364"  "365"  0
  LINE  "B349"  BEAM  "367"  "354"  0
  LINE  "B350"  BEAM  "368"  "305"  0
  LINE  "B351"  BEAM  "369"  "368"  0
  LINE  "B352"  BEAM  "370"  "369"  0
  LINE  "B353"  BEAM  "371"  "370"  0
  LINE  "B354"  BEAM  "13"  "371"  0
  LINE  "B355"  BEAM  "371"  "318"  0
  LINE  "B356"  BEAM  "370"  "306"  0
  LINE  "B357"  BEAM  "369"  "319"  0
  LINE  "B358"  BEAM  "13"  "307"  0
  LINE  "B359"  BEAM  "372"  "314"  0
  LINE  "B360"  BEAM  "374"  "373"  0
  LINE  "B361"  BEAM  "376"  "375"  0
  LINE  "B362"  BEAM  "378"  "377"  0
  LINE  "B363"  BEAM  "380"  "379"  0
  LINE  "B364"  BEAM  "381"  "374"  0
  LINE  "B365"  BEAM  "382"  "381"  0
  LINE  "B366"  BEAM  "383"  "376"  0
  LINE  "B367"  BEAM  "384"  "383"  0
  LINE  "B368"  BEAM  "385"  "378"  0
  LINE  "B369"  BEAM  "386"  "380"  0
  LINE  "B370"  BEAM  "387"  "386"  0
  LINE  "B371"  BEAM  "389"  "388"  0
  LINE  "B372"  BEAM  "391"  "390"  0
  LINE  "B373"  BEAM  "393"  "392"  0
  LINE  "B374"  BEAM  "395"  "394"  0
  LINE  "B375"  BEAM  "396"  "389"  0
  LINE  "B376"  BEAM  "397"  "396"  0
  LINE  "B377"  BEAM  "398"  "391"  0
  LINE  "B378"  BEAM  "399"  "398"  0
  LINE  "B379"  BEAM  "400"  "393"  0
  LINE  "B380"  BEAM  "401"  "400"  0
  LINE  "B381"  BEAM  "402"  "395"  0
  LINE  "B382"  BEAM  "403"  "402"  0
  LINE  "B1"  BEAM  "26"  "357"  0
  LINE  "B2"  BEAM  "295"  "310"  0
  LINE  "B3"  BEAM  "365"  "1"  0
  LINE  "B4"  BEAM  "357"  "3"  0

$ AREA CONNECTIVITIES
  AREA "F2"  FLOOR  10  "368"  "369"  "370"  "371"  "13"  "307"  "318"
"306"  "319"  "305"  0  0  0  0  0  0  0  0  0
  AREA "F4"  FLOOR  10  "305"  "306"  "307"  "308"  "295"  "296"  "297"
"298"  "303"  "304"  0  0  0  0  0  0  0  0  0
  AREA "F1"  FLOOR  19  "307"  "308"  "295"  "364"  "365"  "1"  "310"
"311"  "312"  "313"  "354"  "355"  "356"  "303"  "304"  "305"  "319"
"306"  "318"  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
  AREA "F6"  FLOOR  15  "303"  "298"  "297"  "296"  "295"  "26"  "357"
"3"  "310"  "311"  "312"  "313"  "314"  "316"  "317"  0  0  0  0  0  0  0
0  0  0  0  0  0  0

$ GROUPS
  GROUP "PTOS DERIVA"
  GROUP "PTOS DERIVA"  POINT "295"  "P2"
  GROUP "PTOS DERIVA"  POINT "296"  "P2"
  GROUP "PTOS DERIVA"  POINT "297"  "P2"
  GROUP "PTOS DERIVA"  POINT "298"  "P2"
  GROUP "PTOS DERIVA"  POINT "303"  "P2"
  GROUP "PTOS DERIVA"  POINT "304"  "P2"
  GROUP "PTOS DERIVA"  POINT "305"  "P2"
  GROUP "PTOS DERIVA"  POINT "306"  "P2"
  GROUP "PTOS DERIVA"  POINT "307"  "P2"
  GROUP "PTOS DERIVA"  POINT "308"  "P2"
  GROUP "PTOS DERIVA"  POINT "309"  "P2"
  GROUP "PTOS DERIVA"  POINT "310"  "P2"
  GROUP "PTOS DERIVA"  POINT "311"  "P2"
  GROUP "PTOS DERIVA"  POINT "312"  "P2"
  GROUP "PTOS DERIVA"  POINT "313"  "P2"
  GROUP "PTOS DERIVA"  POINT "314"  "P2"
  GROUP "PTOS DERIVA"  POINT "295"  "CUB"
  GROUP "PTOS DERIVA"  POINT "296"  "CUB"
  GROUP "PTOS DERIVA"  POINT "297"  "CUB"
  GROUP "PTOS DERIVA"  POINT "298"  "CUB"
  GROUP "PTOS DERIVA"  POINT "303"  "CUB"
  GROUP "PTOS DERIVA"  POINT "304"  "CUB"
  GROUP "PTOS DERIVA"  POINT "305"  "CUB"
  GROUP "PTOS DERIVA"  POINT "306"  "CUB"
  GROUP "PTOS DERIVA"  POINT "307"  "CUB"
  GROUP "PTOS DERIVA"  POINT "308"  "CUB"
  GROUP "PTOS DERIVA"  POINT "309"  "CUB"
  GROUP "PTOS DERIVA"  POINT "310"  "CUB"
  GROUP "PTOS DERIVA"  POINT "311"  "CUB"
  GROUP "PTOS DERIVA"  POINT "312"  "CUB"
  GROUP "PTOS DERIVA"  POINT "313"  "CUB"
  GROUP "PTOS DERIVA"  POINT "368"  "P2"
  GROUP "PTOS DERIVA"  POINT "369"  "P2"
  GROUP "PTOS DERIVA"  POINT "370"  "P2"
  GROUP "PTOS DERIVA"  POINT "371"  "P2"
  GROUP "PTOS DERIVA"  POINT "13"  "P2"
  GROUP "PTOS DERIVA"  POINT "295"  "Base"
  GROUP "PTOS DERIVA"  POINT "296"  "Base"
  GROUP "PTOS DERIVA"  POINT "297"  "Base"
  GROUP "PTOS DERIVA"  POINT "298"  "Base"
  GROUP "PTOS DERIVA"  POINT "303"  "Base"
  GROUP "PTOS DERIVA"  POINT "308"  "Base"
  GROUP "PTOS DERIVA"  POINT "309"  "Base"
  GROUP "PTOS DERIVA"  POINT "304"  "Base"
  GROUP "PTOS DERIVA"  POINT "307"  "Base"
  GROUP "PTOS DERIVA"  POINT "306"  "Base"
  GROUP "PTOS DERIVA"  POINT "305"  "Base"
  GROUP "PTOS DERIVA"  POINT "13"  "Base"
  GROUP "PTOS DERIVA"  POINT "371"  "Base"
  GROUP "PTOS DERIVA"  POINT "370"  "Base"
  GROUP "PTOS DERIVA"  POINT "369"  "Base"
  GROUP "PTOS DERIVA"  POINT "368"  "Base"
  GROUP "PTOS DERIVA"  POINT "310"  "Base"
  GROUP "PTOS DERIVA"  POINT "311"  "Base"
  GROUP "PTOS DERIVA"  POINT "312"  "Base"
  GROUP "PTOS DERIVA"  POINT "313"  "Base"
  GROUP "PTOS DERIVA"  POINT "314"  "Base"

$ POINT ASSIGNS
  POINTASSIGN  "295"  "P2"  DIAPH "D1"
  POINTASSIGN  "296"  "P2"  DIAPH "D1"
  POINTASSIGN  "297"  "P2"  DIAPH "D1"
  POINTASSIGN  "298"  "P2"  DIAPH "D1"
  POINTASSIGN  "303"  "P2"  DIAPH "D1"
  POINTASSIGN  "304"  "P2"  DIAPH "D1"
  POINTASSIGN  "305"  "P2"  DIAPH "D1"
  POINTASSIGN  "306"  "P2"  DIAPH "D1"
  POINTASSIGN  "307"  "P2"  DIAPH "D1"
  POINTASSIGN  "308"  "P2"  DIAPH "D1"
  POINTASSIGN  "309"  "P2"  DIAPH "D1"
  POINTASSIGN  "310"  "P2"  DIAPH "D1"
  POINTASSIGN  "311"  "P2"  DIAPH "D1"
  POINTASSIGN  "312"  "P2"  DIAPH "D1"
  POINTASSIGN  "313"  "P2"  DIAPH "D1"
  POINTASSIGN  "314"  "P2"  DIAPH "D1"
  POINTASSIGN  "295"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "296"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "297"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "298"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "303"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "308"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "309"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "304"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "307"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "306"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "305"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "13"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "371"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "370"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "369"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "368"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "310"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "311"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "312"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "313"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "314"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"

$ LINE ASSIGNS
  LINEASSIGN  "B261"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B266"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B289"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B290"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B291"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B292"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B293"  "P2"  SECTION "VG-0.35x0.55"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B294"  "P2"  SECTION "VG-0.35x0.55"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B295"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B296"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B297"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B298"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B299"  "P2"  SECTION "VG-0.35x0.55"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B300"  "P2"  SECTION "VG-0.35x0.55"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B301"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B302"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B303"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B304"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B2"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8  MAXSTASPC
0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B306"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B307"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B308"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B309"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B310"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B311"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B312"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B313"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B314"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B315"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B316"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
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  LINEASSIGN  "B317"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B318"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B319"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B320"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B321"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B322"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B323"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B324"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B325"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B326"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B327"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B328"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B329"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B330"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B331"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B332"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B333"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B334"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B335"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B336"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B337"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B338"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B266"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B289"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B291"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B292"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B293"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B294"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B295"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B296"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B297"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B298"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B299"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B300"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B301"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B302"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B303"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B339"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B2"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B306"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B307"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B340"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B341"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B312"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B4"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8  MAXSTASPC
0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B1"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B338"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B344"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B345"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B346"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B347"  "CUB"  SECTION "VT-0,15x0,35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B290"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B3"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B349"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B311"  "CUB"  SECTION "VG-0.30x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B350"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B351"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B352"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B353"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B354"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B355"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B356"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B357"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B358"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B359"  "P2"  SECTION "VG-0.35x0.45"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B360"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B361"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B362"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B363"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B364"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B365"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B366"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B367"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B368"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B369"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B370"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B371"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B372"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B373"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B374"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B375"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B376"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B377"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B378"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B379"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B380"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B381"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B382"  "P2"  SECTION "VT-0.12x0.35"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C26"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C26"  "CUB"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C34"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C34"  "CUB"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C35"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C35"  "CUB"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C36"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C36"  "CUB"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C37"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C37"  "CUB"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C38"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C38"  "CUB"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C39"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C39"  "CUB"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C40"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C40"  "CUB"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C41"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C41"  "CUB"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
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  LINEASSIGN  "C42"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C42"  "CUB"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C43"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C43"  "CUB"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C13"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C44"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C45"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C46"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C47"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C48"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C48"  "CUB"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C49"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C49"  "CUB"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C50"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C50"  "CUB"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C51"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C51"  "CUB"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C52"  "P2"  SECTION "C-0.45x0.45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"

$ AREA ASSIGNS
  AREAASSIGN  "F2"  "P2"  SECTION "Losa de Carga 1 Dir"  ANG 90
OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F1"  "CUB"  SECTION "Losa de Carga 1 Dir"  ANG 90
OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F4"  "P2"  SECTION "Losa de Carga 1 Dir"  ANG 90
OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"
  AREAASSIGN  "F6"  "P2"  SECTION "Losa de Carga 1 Dir"  ANG 90
OBJMESHTYPE "DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS
"No"

$ LOAD PATTERNS
  LOADPATTERN "D"  TYPE  "Dead"  SELFWEIGHT  1
  LOADPATTERN "L"  TYPE  "Live"  SELFWEIGHT  0
  LOADPATTERN "Lr"  TYPE  "Roof Live"  SELFWEIGHT  0
  LOADPATTERN "G"  TYPE  "Snow"  SELFWEIGHT  0
  LOADPATTERN "W"  TYPE  "Wind"  SELFWEIGHT  0
  LOADPATTERN "H"  TYPE  "Live"  SELFWEIGHT  0
  LOADPATTERN "F"  TYPE  "Dead"  SELFWEIGHT  0
  LOADPATTERN "T"  TYPE  "Dead"  SELFWEIGHT  0
  LOADPATTERN "Le"  TYPE  "Roof Live"  SELFWEIGHT  0
  LOADPATTERN "Fsx"  TYPE  "Seismic (Drift)"  SELFWEIGHT  0
  LOADPATTERN "Fsy"  TYPE  "Seismic (Drift)"  SELFWEIGHT  0
  LOADPATTERN "Ex"  TYPE  "Seismic"  SELFWEIGHT  0
  LOADPATTERN "Ey"  TYPE  "Seismic"  SELFWEIGHT  0
  LOADPATTERN "PP"  TYPE  "Dead"  SELFWEIGHT  1
  SEISMIC "Fsy"  "User Coefficient"    DIR "Y+ECC"  ECC 0.05  TOPSTORY
"CUB"    BOTTOMSTORY "Base"    SHEARCOEFF 0.5625  HEIGHTEXPONENT 1
  SEISMIC "Ex"  "User Coefficient"    DIR "X+ECC X-ECC"  ECC 0.05
TOPSTORY "CUB"    BOTTOMSTORY "Base"    SHEARCOEFF 0.1875  HEIGHTEXPONENT
1
  SEISMIC "Ey"  "User Coefficient"    DIR "Y+ECC Y-ECC"  ECC 0.05
TOPSTORY "CUB"    BOTTOMSTORY "Base"    SHEARCOEFF 0.1875  HEIGHTEXPONENT
1
  SEISMIC "Fsx"  "User Coefficient"    DIR "X+ECC"  ECC 0.05  TOPSTORY
"CUB"    BOTTOMSTORY "Base"    SHEARCOEFF 0.5625  HEIGHTEXPONENT 1

$ POINT OBJECT LOADS

$ FRAME OBJECT LOADS
  LINELOAD  "B261"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 2.4
  LINELOAD  "B266"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 7.32
  LINELOAD  "B289"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 7.32
  LINELOAD  "B290"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 7.32
  LINELOAD  "B291"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 7.32
  LINELOAD  "B292"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 7.32
  LINELOAD  "B293"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 7.32
  LINELOAD  "B294"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 7.32
  LINELOAD  "B295"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 7.32
  LINELOAD  "B296"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 7.32
  LINELOAD  "B297"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 7.32
  LINELOAD  "B298"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 7.32
  LINELOAD  "B301"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 2.4
  LINELOAD  "B302"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 2.4
  LINELOAD  "B303"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 2.4
  LINELOAD  "B304"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 2.4
  LINELOAD  "B310"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 2.4
  LINELOAD  "B291"  "CUB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B292"  "CUB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B293"  "CUB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B294"  "CUB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B295"  "CUB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B296"  "CUB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B301"  "CUB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B302"  "CUB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B303"  "CUB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B339"  "CUB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B2"  "CUB"  TYPE "TRAPF"  DIR "GRAV"  LC "D"  FSTART 3.71
FEND 3.71  RDSTART 0.5  RDEND 1
  LINELOAD  "B340"  "CUB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B341"  "CUB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B1"  "P2"  TYPE "TRAPF"  DIR "GRAV"  LC "D"  FSTART 2.4
FEND 2.4  RDSTART 0  RDEND 0.666
  LINELOAD  "B1"  "P2"  TYPE "TRAPF"  DIR "GRAV"  LC "D"  FSTART 2.4
FEND 0  RDSTART 0.666  RDEND 0.66666
  LINELOAD  "B338"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 7.32
  LINELOAD  "B346"  "CUB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B347"  "CUB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B3"  "CUB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B350"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B351"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B352"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B353"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B354"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71
  LINELOAD  "B358"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.71

$ SHELL OBJECT LOADS
  AREALOAD  "F2"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 0.75
  AREALOAD  "F2"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL 0.5
  AREALOAD  "F1"  "CUB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL 0.5
  AREALOAD  "F1"  "CUB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 0.75
  AREALOAD  "F4"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.96
  AREALOAD  "F4"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "L"  FVAL 2
  AREALOAD  "F4"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL 0.5
  AREALOAD  "F6"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL 3.96
  AREALOAD  "F6"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "L"  FVAL 5
  AREALOAD  "F6"  "P2"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL 0.5

$ ANALYSIS OPTIONS
  ACTIVEDOF "UX UY UZ RX RY RZ"
  MODELHINGESINLINKS "Yes"  HINGEDAMPINGOPTION "KT"
  PDELTA  METHOD "NONE"
  AUTORECTMESH  LOCALIZEDFLOORMESHING  "Yes"  FLOORMESHMERGEJOINTS  "Yes"
FLOORMESHMAXSIZE  1.25 WALLMESHMAXSIZE  1.25

$ MASS SOURCE
  MASSSOURCE  "MsSrc1"    INCLUDEELEMENTS "No"    INCLUDEADDEDMASS "No"
INCLUDELOADS "Yes"    INCLUDEMOVE "No"    INCLUDELATERALMASS "Yes"
INCLUDEVERTICALMASS "No"    LUMPATSTORIES "Yes"    ISDEFAULT "Yes"
  MASSSOURCELOAD  "MsSrc1"  "D"  1

$ FUNCTIONS
  FUNCTION "RampTH"  FUNCTYPE "HISTORY"  HISTTYPE "USER"
  FUNCTION "RampTH"  TIMEVAL "0  0  1  1  4  1"
  FUNCTION "UnifTH"  FUNCTYPE "HISTORY"  HISTTYPE "USER"
  FUNCTION "UnifTH"  TIMEVAL "0  1  1  1"

$ GENERALIZED DISPLACEMENTS

$ LOAD CASES
  LOADCASE "Modal"  TYPE  "Modal - Eigen"  INITCOND  "PRESET"
  LOADCASE "Modal"  MAXMODES  60 MINMODES  1 EIGENSHIFTFREQ  0
EIGENCUTOFF  0 EIGENTOL  1E-09
  LOADCASE "D"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "D"  LOADPAT  "D"  SF  1
  LOADCASE "L"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "L"  LOADPAT  "L"  SF  1
  LOADCASE "Lr"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "Lr"  LOADPAT  "Lr"  SF  1
  LOADCASE "G"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "G"  LOADPAT  "G"  SF  1
  LOADCASE "W"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "W"  LOADPAT  "W"  SF  1
  LOADCASE "H"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "H"  LOADPAT  "H"  SF  1
  LOADCASE "F"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "F"  LOADPAT  "F"  SF  1
  LOADCASE "T"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "T"  LOADPAT  "T"  SF  1
  LOADCASE "Le"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "Le"  LOADPAT  "Le"  SF  1
  LOADCASE "Fsx"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "Fsx"  LOADPAT  "Fsx"  SF  1
  LOADCASE "Fsy"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "Fsy"  LOADPAT  "Fsy"  SF  1
  LOADCASE "Ex"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "Ex"  LOADPAT  "Ex"  SF  1
  LOADCASE "Ey"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "Ey"  LOADPAT  "Ey"  SF  1
  LOADCASE "PP"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "PP"  LOADPAT  "PP"  SF  1

$ LOAD COMBINATIONS
  COMBO "COMB1"  TYPE "Linear Add"
  COMBO "COMB1"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "COMB1"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB1"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB1"  LOADCASE "D"  SF 1.4
  COMBO "COMB1"  LOADCASE "F"  SF 1.4
  COMBO "COMB2A"  TYPE "Linear Add"
  COMBO "COMB2A"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "COMB2A"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB2A"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB2A"  LOADCASE "D"  SF 1.2
  COMBO "COMB2A"  LOADCASE "F"  SF 1.2
  COMBO "COMB2A"  LOADCASE "T"  SF 1.2
  COMBO "COMB2A"  LOADCASE "L"  SF 1.6
  COMBO "COMB2A"  LOADCASE "H"  SF 1.6
  COMBO "COMB2A"  LOADCASE "Lr"  SF 0.5
  COMBO "COMB2B"  TYPE "Linear Add"
  COMBO "COMB2B"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "COMB2B"  DESIGN "Concrete"  COMBOTYPE "Strength"
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COMBO "COMB2B"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB2B"  LOADCASE "D"  SF 1.2
COMBO "COMB2B"  LOADCASE "F"  SF 1.2
COMBO "COMB2B"  LOADCASE "T"  SF 1.2
COMBO "COMB2B"  LOADCASE "L"  SF 1.6
COMBO "COMB2B"  LOADCASE "H"  SF 1.6
COMBO "COMB2B"  LOADCASE "G"  SF 0.5
COMBO "COMB2C"  TYPE "Linear Add"
COMBO "COMB2C"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB2C"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB2C"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB2C"  LOADCASE "D"  SF 1.2
COMBO "COMB2C"  LOADCASE "F"  SF 1.2
COMBO "COMB2C"  LOADCASE "T"  SF 1.2
COMBO "COMB2C"  LOADCASE "L"  SF 1.6
COMBO "COMB2C"  LOADCASE "H"  SF 1.6
COMBO "COMB2C"  LOADCASE "Le"  SF 0.5
COMBO "COMB3A"  TYPE "Linear Add"
COMBO "COMB3A"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB3A"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB3A"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB3A"  LOADCASE "D"  SF 1.2
COMBO "COMB3A"  LOADCASE "Lr"  SF 1.6
COMBO "COMB3A"  LOADCASE "L"  SF 1
COMBO "COMB3B"  TYPE "Linear Add"
COMBO "COMB3B"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB3B"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB3B"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB3B"  LOADCASE "D"  SF 1.2
COMBO "COMB3B"  LOADCASE "Lr"  SF 1.6
COMBO "COMB3B"  LOADCASE "W"  SF 0.8
COMBO "COMB3C"  TYPE "Linear Add"
COMBO "COMB3C"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB3C"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB3C"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB3C"  LOADCASE "D"  SF 1.2
COMBO "COMB3C"  LOADCASE "G"  SF 1.6
COMBO "COMB3C"  LOADCASE "L"  SF 1
COMBO "COMB3D"  TYPE "Linear Add"
COMBO "COMB3D"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB3D"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB3D"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB3D"  LOADCASE "D"  SF 1.2
COMBO "COMB3D"  LOADCASE "G"  SF 1.6
COMBO "COMB3D"  LOADCASE "W"  SF 0.8
COMBO "COMB3E"  TYPE "Linear Add"
COMBO "COMB3E"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB3E"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB3E"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB3E"  LOADCASE "D"  SF 1.2
COMBO "COMB3E"  LOADCASE "Le"  SF 1.6
COMBO "COMB3E"  LOADCASE "L"  SF 1
COMBO "COMB3F"  TYPE "Linear Add"
COMBO "COMB3F"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB3F"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB3F"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB3F"  LOADCASE "D"  SF 1.2
COMBO "COMB3F"  LOADCASE "Le"  SF 1.6
COMBO "COMB3F"  LOADCASE "W"  SF 0.8
COMBO "COMB4A"  TYPE "Linear Add"
COMBO "COMB4A"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB4A"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB4A"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB4A"  LOADCASE "D"  SF 1.2
COMBO "COMB4A"  LOADCASE "W"  SF 1.6
COMBO "COMB4A"  LOADCASE "L"  SF 1
COMBO "COMB4A"  LOADCASE "Lr"  SF 0.5
COMBO "COMB4B"  TYPE "Linear Add"
COMBO "COMB4B"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB4B"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB4B"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB4B"  LOADCASE "D"  SF 1.2
COMBO "COMB4B"  LOADCASE "W"  SF 1.6
COMBO "COMB4B"  LOADCASE "L"  SF 1
COMBO "COMB4B"  LOADCASE "G"  SF 0.5
COMBO "COMB4C"  TYPE "Linear Add"
COMBO "COMB4C"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB4C"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB4C"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB4C"  LOADCASE "D"  SF 1.2
COMBO "COMB4C"  LOADCASE "W"  SF 1.6
COMBO "COMB4C"  LOADCASE "L"  SF 1
COMBO "COMB4C"  LOADCASE "Le"  SF 0.5
COMBO "COMB5A"  TYPE "Linear Add"
COMBO "COMB5A"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB5A"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5A"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5A"  LOADCASE "D"  SF 1.2
COMBO "COMB5A"  LOADCASE "L"  SF 1
COMBO "COMB5A"  LOADCASE "Ex"  SF 1
COMBO "COMB5A"  LOADCASE "Ey"  SF 0.3
COMBO "COMB5B"  TYPE "Linear Add"
COMBO "COMB5B"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB5B"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5B"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5B"  LOADCASE "D"  SF 1.2
COMBO "COMB5B"  LOADCASE "L"  SF 1
COMBO "COMB5B"  LOADCASE "Ex"  SF 1
COMBO "COMB5B"  LOADCASE "Ey"  SF -0.3
COMBO "COMB5C"  TYPE "Linear Add"
COMBO "COMB5C"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB5C"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5C"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5C"  LOADCASE "D"  SF 1.2
COMBO "COMB5C"  LOADCASE "L"  SF 1
COMBO "COMB5C"  LOADCASE "Ex"  SF -1
COMBO "COMB5C"  LOADCASE "Ey"  SF 0.3
COMBO "COMB5D"  TYPE "Linear Add"
COMBO "COMB5D"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB5D"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5D"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5D"  LOADCASE "D"  SF 1.2
COMBO "COMB5D"  LOADCASE "L"  SF 1
COMBO "COMB5D"  LOADCASE "Ex"  SF -1
COMBO "COMB5D"  LOADCASE "Ey"  SF -0.3
COMBO "COMB5E"  TYPE "Linear Add"
COMBO "COMB5E"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB5E"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5E"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5E"  LOADCASE "D"  SF 1.2
COMBO "COMB5E"  LOADCASE "L"  SF 1
COMBO "COMB5E"  LOADCASE "Ex"  SF 0.3
COMBO "COMB5E"  LOADCASE "Ey"  SF 1
COMBO "COMB5F"  TYPE "Linear Add"
COMBO "COMB5F"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB5F"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5F"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5F"  LOADCASE "D"  SF 1.2
COMBO "COMB5F"  LOADCASE "L"  SF 1
COMBO "COMB5F"  LOADCASE "Ex"  SF 0.3
COMBO "COMB5F"  LOADCASE "Ey"  SF -1
COMBO "COMB5G"  TYPE "Linear Add"
COMBO "COMB5G"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB5G"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5G"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5G"  LOADCASE "D"  SF 1.2
COMBO "COMB5G"  LOADCASE "L"  SF 1
COMBO "COMB5G"  LOADCASE "Ex"  SF -0.3
COMBO "COMB5G"  LOADCASE "Ey"  SF 1
COMBO "COMB5H"  TYPE "Linear Add"
COMBO "COMB5H"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB5H"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5H"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5H"  LOADCASE "D"  SF 1.2
COMBO "COMB5H"  LOADCASE "L"  SF 1
COMBO "COMB5H"  LOADCASE "Ex"  SF -0.3
COMBO "COMB5H"  LOADCASE "Ey"  SF -1
COMBO "COMB6"  TYPE "Linear Add"
COMBO "COMB6"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB6"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB6"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB6"  LOADCASE "D"  SF 0.9
COMBO "COMB6"  LOADCASE "W"  SF 1.6
COMBO "COMB6"  LOADCASE "H"  SF 1.6
COMBO "COMB7A"  TYPE "Linear Add"
COMBO "COMB7A"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB7A"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7A"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7A"  LOADCASE "D"  SF 0.9
COMBO "COMB7A"  LOADCASE "Ex"  SF 1
COMBO "COMB7A"  LOADCASE "Ey"  SF 0.3
COMBO "COMB7A"  LOADCASE "H"  SF 1.6
COMBO "COMB7B"  TYPE "Linear Add"
COMBO "COMB7B"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB7B"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7B"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7B"  LOADCASE "D"  SF 0.9
COMBO "COMB7B"  LOADCASE "Ex"  SF 1
COMBO "COMB7B"  LOADCASE "Ey"  SF -0.3
COMBO "COMB7B"  LOADCASE "H"  SF 1.6
COMBO "COMB7C"  TYPE "Linear Add"
COMBO "COMB7C"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB7C"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7C"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7C"  LOADCASE "D"  SF 0.9
COMBO "COMB7C"  LOADCASE "Ex"  SF -1
COMBO "COMB7C"  LOADCASE "Ey"  SF 0.3
COMBO "COMB7C"  LOADCASE "H"  SF 1.6
COMBO "COMB7D"  TYPE "Linear Add"
COMBO "COMB7D"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB7D"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7D"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7D"  LOADCASE "D"  SF 0.9
COMBO "COMB7D"  LOADCASE "Ex"  SF -1
COMBO "COMB7D"  LOADCASE "Ey"  SF -0.3
COMBO "COMB7D"  LOADCASE "H"  SF 1.6
COMBO "COMB7E"  TYPE "Linear Add"
COMBO "COMB7E"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB7E"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7E"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7E"  LOADCASE "D"  SF 0.9
COMBO "COMB7E"  LOADCASE "Ex"  SF 0.3
COMBO "COMB7E"  LOADCASE "Ey"  SF 1
COMBO "COMB7E"  LOADCASE "H"  SF 1.6
COMBO "COMB7F"  TYPE "Linear Add"
COMBO "COMB7F"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB7F"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7F"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7F"  LOADCASE "D"  SF 0.9
COMBO "COMB7F"  LOADCASE "Ex"  SF 0.3
COMBO "COMB7F"  LOADCASE "Ey"  SF -1
COMBO "COMB7F"  LOADCASE "H"  SF 1.6
COMBO "COMB7G"  TYPE "Linear Add"
COMBO "COMB7G"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB7G"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7G"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7G"  LOADCASE "D"  SF 0.9
COMBO "COMB7G"  LOADCASE "Ex"  SF -0.3
COMBO "COMB7G"  LOADCASE "Ey"  SF 1
COMBO "COMB7G"  LOADCASE "H"  SF 1.6
COMBO "COMB7H"  TYPE "Linear Add"
COMBO "COMB7H"  DESIGN "Steel"  COMBOTYPE "Strength"
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COMBO "COMB7H"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7H"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7H"  LOADCASE "D"  SF 0.9
COMBO "COMB7H"  LOADCASE "Ex"  SF -0.3
COMBO "COMB7H"  LOADCASE "Ey"  SF -1
COMBO "COMB7H"  LOADCASE "H"  SF 1.6
COMBO "DER1A"  TYPE "Linear Add"
COMBO "DER1A"  LOADCASE "D"  SF 1
COMBO "DER1A"  LOADCASE "H"  SF 1
COMBO "DER1A"  LOADCASE "F"  SF 1
COMBO "DER1A"  LOADCASE "Fsx"  SF 1
COMBO "DER1A"  LOADCASE "Fsy"  SF 0.3
COMBO "DER1B"  TYPE "Linear Add"
COMBO "DER1B"  LOADCASE "D"  SF 1
COMBO "DER1B"  LOADCASE "H"  SF 1
COMBO "DER1B"  LOADCASE "F"  SF 1
COMBO "DER1B"  LOADCASE "Fsx"  SF 1
COMBO "DER1B"  LOADCASE "Fsy"  SF -0.3
COMBO "DER1C"  TYPE "Linear Add"
COMBO "DER1C"  LOADCASE "D"  SF 1
COMBO "DER1C"  LOADCASE "H"  SF 1
COMBO "DER1C"  LOADCASE "F"  SF 1
COMBO "DER1C"  LOADCASE "Fsx"  SF -1
COMBO "DER1C"  LOADCASE "Fsy"  SF 0.3
COMBO "DER1D"  TYPE "Linear Add"
COMBO "DER1D"  LOADCASE "D"  SF 1
COMBO "DER1D"  LOADCASE "H"  SF 1
COMBO "DER1D"  LOADCASE "F"  SF 1
COMBO "DER1D"  LOADCASE "Fsx"  SF -1
COMBO "DER1D"  LOADCASE "Fsy"  SF -0.3
COMBO "DER1E"  TYPE "Linear Add"
COMBO "DER1E"  LOADCASE "D"  SF 1
COMBO "DER1E"  LOADCASE "H"  SF 1
COMBO "DER1E"  LOADCASE "F"  SF 1
COMBO "DER1E"  LOADCASE "Fsx"  SF 0.3
COMBO "DER1E"  LOADCASE "Fsy"  SF 1
COMBO "DER1F"  TYPE "Linear Add"
COMBO "DER1F"  LOADCASE "D"  SF 1
COMBO "DER1F"  LOADCASE "H"  SF 1
COMBO "DER1F"  LOADCASE "F"  SF 1
COMBO "DER1F"  LOADCASE "Fsx"  SF 0.3
COMBO "DER1F"  LOADCASE "Fsy"  SF -1
COMBO "DER1G"  TYPE "Linear Add"
COMBO "DER1G"  LOADCASE "D"  SF 1
COMBO "DER1G"  LOADCASE "H"  SF 1
COMBO "DER1G"  LOADCASE "F"  SF 1
COMBO "DER1G"  LOADCASE "Fsx"  SF -0.3
COMBO "DER1G"  LOADCASE "Fsy"  SF 1
COMBO "DER1H"  TYPE "Linear Add"
COMBO "DER1H"  LOADCASE "D"  SF 1
COMBO "DER1H"  LOADCASE "H"  SF 1
COMBO "DER1H"  LOADCASE "F"  SF 1
COMBO "DER1H"  LOADCASE "Fsx"  SF -0.3
COMBO "DER1H"  LOADCASE "Fsy"  SF -1
COMBO "DER2A"  TYPE "Linear Add"
COMBO "DER2A"  LOADCASE "D"  SF 1
COMBO "DER2A"  LOADCASE "H"  SF 1
COMBO "DER2A"  LOADCASE "F"  SF 1
COMBO "DER2A"  LOADCASE "L"  SF 0.75
COMBO "DER2A"  LOADCASE "Lr"  SF 0.75
COMBO "DER2A"  LOADCASE "Fsx"  SF 0.75
COMBO "DER2A"  LOADCASE "Fsy"  SF 0.225
COMBO "DER2B"  TYPE "Linear Add"
COMBO "DER2B"  LOADCASE "D"  SF 1
COMBO "DER2B"  LOADCASE "H"  SF 1
COMBO "DER2B"  LOADCASE "F"  SF 1
COMBO "DER2B"  LOADCASE "L"  SF 0.75
COMBO "DER2B"  LOADCASE "Lr"  SF 0.75
COMBO "DER2B"  LOADCASE "Fsx"  SF 0.75
COMBO "DER2B"  LOADCASE "Fsy"  SF -0.225
COMBO "DER2C"  TYPE "Linear Add"
COMBO "DER2C"  LOADCASE "D"  SF 1
COMBO "DER2C"  LOADCASE "H"  SF 1
COMBO "DER2C"  LOADCASE "F"  SF 1
COMBO "DER2C"  LOADCASE "L"  SF 0.75
COMBO "DER2C"  LOADCASE "Lr"  SF 0.75
COMBO "DER2C"  LOADCASE "Fsx"  SF -0.75
COMBO "DER2C"  LOADCASE "Fsy"  SF 0.225
COMBO "DER2D"  TYPE "Linear Add"
COMBO "DER2D"  LOADCASE "D"  SF 1
COMBO "DER2D"  LOADCASE "H"  SF 1
COMBO "DER2D"  LOADCASE "F"  SF 1
COMBO "DER2D"  LOADCASE "L"  SF 0.75
COMBO "DER2D"  LOADCASE "Lr"  SF 0.75
COMBO "DER2D"  LOADCASE "Fsx"  SF -0.75
COMBO "DER2D"  LOADCASE "Fsy"  SF -0.225
COMBO "DER2E"  TYPE "Linear Add"
COMBO "DER2E"  LOADCASE "D"  SF 1
COMBO "DER2E"  LOADCASE "H"  SF 1
COMBO "DER2E"  LOADCASE "F"  SF 1
COMBO "DER2E"  LOADCASE "L"  SF 0.75
COMBO "DER2E"  LOADCASE "Lr"  SF 0.75
COMBO "DER2E"  LOADCASE "Fsx"  SF 0.225
COMBO "DER2E"  LOADCASE "Fsy"  SF 0.75
COMBO "DER2F"  TYPE "Linear Add"
COMBO "DER2F"  LOADCASE "D"  SF 1
COMBO "DER2F"  LOADCASE "H"  SF 1
COMBO "DER2F"  LOADCASE "F"  SF 1
COMBO "DER2F"  LOADCASE "L"  SF 0.75
COMBO "DER2F"  LOADCASE "Lr"  SF 0.75
COMBO "DER2F"  LOADCASE "Fsx"  SF 0.225
COMBO "DER2F"  LOADCASE "Fsy"  SF -0.75
COMBO "DER2G"  TYPE "Linear Add"
COMBO "DER2G"  LOADCASE "D"  SF 1
COMBO "DER2G"  LOADCASE "H"  SF 1
COMBO "DER2G"  LOADCASE "F"  SF 1
COMBO "DER2G"  LOADCASE "L"  SF 0.75
COMBO "DER2G"  LOADCASE "Lr"  SF 0.75
COMBO "DER2G"  LOADCASE "Fsx"  SF -0.225
COMBO "DER2G"  LOADCASE "Fsy"  SF 0.75
COMBO "DER2H"  TYPE "Linear Add"
COMBO "DER2H"  LOADCASE "D"  SF 1
COMBO "DER2H"  LOADCASE "H"  SF 1
COMBO "DER2H"  LOADCASE "F"  SF 1
COMBO "DER2H"  LOADCASE "L"  SF 0.75
COMBO "DER2H"  LOADCASE "Lr"  SF 0.75
COMBO "DER2H"  LOADCASE "Fsx"  SF -0.225
COMBO "DER2H"  LOADCASE "Fsy"  SF -0.75
COMBO "DER3A"  TYPE "Linear Add"
COMBO "DER3A"  LOADCASE "D"  SF 0.6
COMBO "DER3A"  LOADCASE "H"  SF 1
COMBO "DER3A"  LOADCASE "Fsx"  SF 1
COMBO "DER3A"  LOADCASE "Fsy"  SF 0.3
COMBO "DER3B"  TYPE "Linear Add"
COMBO "DER3B"  LOADCASE "D"  SF 0.6
COMBO "DER3B"  LOADCASE "H"  SF 1
COMBO "DER3B"  LOADCASE "Fsx"  SF 1
COMBO "DER3B"  LOADCASE "Fsy"  SF -0.3
COMBO "DER3C"  TYPE "Linear Add"
COMBO "DER3C"  LOADCASE "D"  SF 0.6
COMBO "DER3C"  LOADCASE "H"  SF 1
COMBO "DER3C"  LOADCASE "Fsx"  SF -1
COMBO "DER3C"  LOADCASE "Fsy"  SF 0.3
COMBO "DER3D"  TYPE "Linear Add"
COMBO "DER3D"  LOADCASE "D"  SF 0.6
COMBO "DER3D"  LOADCASE "H"  SF 1
COMBO "DER3D"  LOADCASE "Fsx"  SF -1
COMBO "DER3D"  LOADCASE "Fsy"  SF -0.3
COMBO "DER3E"  TYPE "Linear Add"
COMBO "DER3E"  LOADCASE "D"  SF 0.6
COMBO "DER3E"  LOADCASE "H"  SF 1
COMBO "DER3E"  LOADCASE "Fsx"  SF 0.3
COMBO "DER3E"  LOADCASE "Fsy"  SF 1
COMBO "DER3F"  TYPE "Linear Add"
COMBO "DER3F"  LOADCASE "D"  SF 0.6
COMBO "DER3F"  LOADCASE "H"  SF 1
COMBO "DER3F"  LOADCASE "Fsx"  SF 0.3
COMBO "DER3F"  LOADCASE "Fsy"  SF -1
COMBO "DER3G"  TYPE "Linear Add"
COMBO "DER3G"  LOADCASE "D"  SF 0.6
COMBO "DER3G"  LOADCASE "H"  SF 1
COMBO "DER3G"  LOADCASE "Fsx"  SF -0.3
COMBO "DER3G"  LOADCASE "Fsy"  SF 1
COMBO "DER3H"  TYPE "Linear Add"
COMBO "DER3H"  LOADCASE "D"  SF 0.6
COMBO "DER3H"  LOADCASE "H"  SF 1
COMBO "DER3H"  LOADCASE "Fsx"  SF -0.3
COMBO "DER3H"  LOADCASE "Fsy"  SF -1
COMBO "LTOTAL"  TYPE "Envelope"
COMBO "LTOTAL"  DESIGN "Steel"  COMBOTYPE "Deflection"
COMBO "LTOTAL"  LOADCOMBO "0.75(L+Lr)"  SF 1
COMBO "LTOTAL"  LOADCOMBO "0.75(L+G)"  SF 1
COMBO "LTOTAL"  LOADCASE "L"  SF 1
COMBO "LTOTAL"  LOADCASE "Lr"  SF 1
COMBO "LTOTAL"  LOADCASE "G"  SF 1
COMBO "SERV1"  TYPE "Linear Add"
COMBO "SERV1"  LOADCASE "D"  SF 1
COMBO "SERV1"  LOADCASE "F"  SF 1
COMBO "SERV2"  TYPE "Linear Add"
COMBO "SERV2"  LOADCASE "D"  SF 1
COMBO "SERV2"  LOADCASE "H"  SF 1
COMBO "SERV2"  LOADCASE "F"  SF 1
COMBO "SERV2"  LOADCASE "L"  SF 1
COMBO "SERV2"  LOADCASE "T"  SF 1
COMBO "SERV3A"  TYPE "Linear Add"
COMBO "SERV3A"  LOADCASE "D"  SF 1
COMBO "SERV3A"  LOADCASE "H"  SF 1
COMBO "SERV3A"  LOADCASE "F"  SF 1
COMBO "SERV3A"  LOADCASE "Lr"  SF 1
COMBO "SERV3B"  TYPE "Linear Add"
COMBO "SERV3B"  LOADCASE "D"  SF 1
COMBO "SERV3B"  LOADCASE "H"  SF 1
COMBO "SERV3B"  LOADCASE "F"  SF 1
COMBO "SERV3B"  LOADCASE "G"  SF 1
COMBO "SERV3C"  TYPE "Linear Add"
COMBO "SERV3C"  LOADCASE "D"  SF 1
COMBO "SERV3C"  LOADCASE "H"  SF 1
COMBO "SERV3C"  LOADCASE "F"  SF 1
COMBO "SERV3C"  LOADCASE "Le"  SF 1
COMBO "SERV4A"  TYPE "Linear Add"
COMBO "SERV4A"  LOADCASE "D"  SF 1
COMBO "SERV4A"  LOADCASE "H"  SF 1
COMBO "SERV4A"  LOADCASE "F"  SF 1
COMBO "SERV4A"  LOADCASE "L"  SF 0.75
COMBO "SERV4A"  LOADCASE "T"  SF 0.75
COMBO "SERV4A"  LOADCASE "Lr"  SF 0.75
COMBO "SERV4B"  TYPE "Linear Add"
COMBO "SERV4B"  LOADCASE "D"  SF 1
COMBO "SERV4B"  LOADCASE "H"  SF 1
COMBO "SERV4B"  LOADCASE "F"  SF 1
COMBO "SERV4B"  LOADCASE "L"  SF 0.75
COMBO "SERV4B"  LOADCASE "T"  SF 0.75
COMBO "SERV4B"  LOADCASE "G"  SF 0.75
COMBO "SERV4C"  TYPE "Linear Add"
COMBO "SERV4C"  LOADCASE "D"  SF 1
COMBO "SERV4C"  LOADCASE "H"  SF 1
COMBO "SERV4C"  LOADCASE "F"  SF 1
COMBO "SERV4C"  LOADCASE "L"  SF 0.75
COMBO "SERV4C"  LOADCASE "T"  SF 0.75
COMBO "SERV4C"  LOADCASE "Le"  SF 0.75
COMBO "SERV5"  TYPE "Linear Add"
COMBO "SERV5"  LOADCASE "D"  SF 1
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COMBO "SERV5"  LOADCASE "H"  SF 1
COMBO "SERV5"  LOADCASE "F"  SF 1
COMBO "SERV5"  LOADCASE "W"  SF 1
COMBO "SERV6A"  TYPE "Linear Add"
COMBO "SERV6A"  LOADCASE "D"  SF 1
COMBO "SERV6A"  LOADCASE "H"  SF 1
COMBO "SERV6A"  LOADCASE "F"  SF 1
COMBO "SERV6A"  LOADCASE "Ex"  SF 0.7
COMBO "SERV6A"  LOADCASE "Ey"  SF 0.21
COMBO "SERV6B"  TYPE "Linear Add"
COMBO "SERV6B"  LOADCASE "D"  SF 1
COMBO "SERV6B"  LOADCASE "H"  SF 1
COMBO "SERV6B"  LOADCASE "F"  SF 1
COMBO "SERV6B"  LOADCASE "Ex"  SF 0.7
COMBO "SERV6B"  LOADCASE "Ey"  SF -0.21
COMBO "SERV6C"  TYPE "Linear Add"
COMBO "SERV6C"  LOADCASE "D"  SF 1
COMBO "SERV6C"  LOADCASE "H"  SF 1
COMBO "SERV6C"  LOADCASE "F"  SF 1
COMBO "SERV6C"  LOADCASE "Ex"  SF -0.7
COMBO "SERV6C"  LOADCASE "Ey"  SF 0.21
COMBO "SERV6D"  TYPE "Linear Add"
COMBO "SERV6D"  LOADCASE "D"  SF 1
COMBO "SERV6D"  LOADCASE "H"  SF 1
COMBO "SERV6D"  LOADCASE "F"  SF 1
COMBO "SERV6D"  LOADCASE "Ex"  SF -0.7
COMBO "SERV6D"  LOADCASE "Ey"  SF -0.21
COMBO "SERV6E"  TYPE "Linear Add"
COMBO "SERV6E"  LOADCASE "D"  SF 1
COMBO "SERV6E"  LOADCASE "H"  SF 1
COMBO "SERV6E"  LOADCASE "F"  SF 1
COMBO "SERV6E"  LOADCASE "Ex"  SF 0.21
COMBO "SERV6E"  LOADCASE "Ey"  SF 0.7
COMBO "SERV6F"  TYPE "Linear Add"
COMBO "SERV6F"  LOADCASE "D"  SF 1
COMBO "SERV6F"  LOADCASE "H"  SF 1
COMBO "SERV6F"  LOADCASE "F"  SF 1
COMBO "SERV6F"  LOADCASE "Ex"  SF 0.21
COMBO "SERV6F"  LOADCASE "Ey"  SF -0.7
COMBO "SERV6G"  TYPE "Linear Add"
COMBO "SERV6G"  LOADCASE "D"  SF 1
COMBO "SERV6G"  LOADCASE "H"  SF 1
COMBO "SERV6G"  LOADCASE "F"  SF 1
COMBO "SERV6G"  LOADCASE "Ex"  SF -0.21
COMBO "SERV6G"  LOADCASE "Ey"  SF 0.7
COMBO "SERV6H"  TYPE "Linear Add"
COMBO "SERV6H"  LOADCASE "D"  SF 1
COMBO "SERV6H"  LOADCASE "H"  SF 1
COMBO "SERV6H"  LOADCASE "F"  SF 1
COMBO "SERV6H"  LOADCASE "Ex"  SF -0.21
COMBO "SERV6H"  LOADCASE "Ey"  SF -0.7
COMBO "SERV7A"  TYPE "Linear Add"
COMBO "SERV7A"  LOADCASE "D"  SF 1
COMBO "SERV7A"  LOADCASE "H"  SF 1
COMBO "SERV7A"  LOADCASE "F"  SF 1
COMBO "SERV7A"  LOADCASE "W"  SF 0.75
COMBO "SERV7A"  LOADCASE "L"  SF 0.75
COMBO "SERV7A"  LOADCASE "Lr"  SF 0.75
COMBO "SERV7B"  TYPE "Linear Add"
COMBO "SERV7B"  LOADCASE "D"  SF 1
COMBO "SERV7B"  LOADCASE "H"  SF 1
COMBO "SERV7B"  LOADCASE "F"  SF 1
COMBO "SERV7B"  LOADCASE "W"  SF 0.75
COMBO "SERV7B"  LOADCASE "L"  SF 0.75
COMBO "SERV7B"  LOADCASE "G"  SF 0.75
COMBO "SERV7C"  TYPE "Linear Add"
COMBO "SERV7C"  LOADCASE "D"  SF 1
COMBO "SERV7C"  LOADCASE "H"  SF 1
COMBO "SERV7C"  LOADCASE "F"  SF 1
COMBO "SERV7C"  LOADCASE "W"  SF 0.75
COMBO "SERV7C"  LOADCASE "L"  SF 0.75
COMBO "SERV7C"  LOADCASE "Le"  SF 0.75
COMBO "SERV8A"  TYPE "Linear Add"
COMBO "SERV8A"  LOADCASE "D"  SF 1
COMBO "SERV8A"  LOADCASE "H"  SF 1
COMBO "SERV8A"  LOADCASE "F"  SF 1
COMBO "SERV8A"  LOADCASE "L"  SF 0.75
COMBO "SERV8A"  LOADCASE "Lr"  SF 0.75
COMBO "SERV8A"  LOADCASE "Ex"  SF 0.525
COMBO "SERV8A"  LOADCASE "Ey"  SF 0.1575
COMBO "SERV8B"  TYPE "Linear Add"
COMBO "SERV8B"  LOADCASE "D"  SF 1
COMBO "SERV8B"  LOADCASE "H"  SF 1
COMBO "SERV8B"  LOADCASE "F"  SF 1
COMBO "SERV8B"  LOADCASE "L"  SF 0.75
COMBO "SERV8B"  LOADCASE "Lr"  SF 0.75
COMBO "SERV8B"  LOADCASE "Ex"  SF 0.525
COMBO "SERV8B"  LOADCASE "Ey"  SF -0.1575
COMBO "SERV8C"  TYPE "Linear Add"
COMBO "SERV8C"  LOADCASE "D"  SF 1
COMBO "SERV8C"  LOADCASE "H"  SF 1
COMBO "SERV8C"  LOADCASE "F"  SF 1
COMBO "SERV8C"  LOADCASE "L"  SF 0.75
COMBO "SERV8C"  LOADCASE "Lr"  SF 0.75
COMBO "SERV8C"  LOADCASE "Ex"  SF -0.525
COMBO "SERV8C"  LOADCASE "Ey"  SF 0.1575
COMBO "SERV8D"  TYPE "Linear Add"
COMBO "SERV8D"  LOADCASE "D"  SF 1
COMBO "SERV8D"  LOADCASE "H"  SF 1
COMBO "SERV8D"  LOADCASE "F"  SF 1
COMBO "SERV8D"  LOADCASE "L"  SF 0.75
COMBO "SERV8D"  LOADCASE "Lr"  SF 0.75
COMBO "SERV8D"  LOADCASE "Ex"  SF -0.525
COMBO "SERV8D"  LOADCASE "Ey"  SF -0.1575
COMBO "SERV8E"  TYPE "Linear Add"
COMBO "SERV8E"  LOADCASE "D"  SF 1
COMBO "SERV8E"  LOADCASE "H"  SF 1
COMBO "SERV8E"  LOADCASE "F"  SF 1
COMBO "SERV8E"  LOADCASE "L"  SF 0.75
COMBO "SERV8E"  LOADCASE "Lr"  SF 0.75
COMBO "SERV8E"  LOADCASE "Ex"  SF 0.1575
COMBO "SERV8E"  LOADCASE "Ey"  SF 0.525
COMBO "SERV8F"  TYPE "Linear Add"
COMBO "SERV8F"  LOADCASE "D"  SF 1
COMBO "SERV8F"  LOADCASE "H"  SF 1
COMBO "SERV8F"  LOADCASE "F"  SF 1
COMBO "SERV8F"  LOADCASE "L"  SF 0.75
COMBO "SERV8F"  LOADCASE "Lr"  SF 0.75
COMBO "SERV8F"  LOADCASE "Ex"  SF 0.1575
COMBO "SERV8F"  LOADCASE "Ey"  SF -0.525
COMBO "SERV8G"  TYPE "Linear Add"
COMBO "SERV8G"  LOADCASE "D"  SF 1
COMBO "SERV8G"  LOADCASE "H"  SF 1
COMBO "SERV8G"  LOADCASE "F"  SF 1
COMBO "SERV8G"  LOADCASE "L"  SF 0.75
COMBO "SERV8G"  LOADCASE "Lr"  SF 0.75
COMBO "SERV8G"  LOADCASE "Ex"  SF -0.1575
COMBO "SERV8G"  LOADCASE "Ey"  SF 0.525
COMBO "SERV8H"  TYPE "Linear Add"
COMBO "SERV8H"  LOADCASE "D"  SF 1
COMBO "SERV8H"  LOADCASE "H"  SF 1
COMBO "SERV8H"  LOADCASE "F"  SF 1
COMBO "SERV8H"  LOADCASE "L"  SF 0.75
COMBO "SERV8H"  LOADCASE "Lr"  SF 0.75
COMBO "SERV8H"  LOADCASE "Ex"  SF -0.1575
COMBO "SERV8H"  LOADCASE "Ey"  SF -0.525
COMBO "SERV8I"  TYPE "Linear Add"
COMBO "SERV8I"  LOADCASE "D"  SF 1
COMBO "SERV8I"  LOADCASE "H"  SF 1
COMBO "SERV8I"  LOADCASE "F"  SF 1
COMBO "SERV8I"  LOADCASE "L"  SF 0.75
COMBO "SERV8I"  LOADCASE "G"  SF 0.75
COMBO "SERV8I"  LOADCASE "Ex"  SF 0.525
COMBO "SERV8I"  LOADCASE "Ey"  SF 0.1575
COMBO "SERV8J"  TYPE "Linear Add"
COMBO "SERV8J"  LOADCASE "D"  SF 1
COMBO "SERV8J"  LOADCASE "H"  SF 1
COMBO "SERV8J"  LOADCASE "F"  SF 1
COMBO "SERV8J"  LOADCASE "L"  SF 0.75
COMBO "SERV8J"  LOADCASE "G"  SF 0.75
COMBO "SERV8J"  LOADCASE "Ex"  SF 0.525
COMBO "SERV8J"  LOADCASE "Ey"  SF -0.1575
COMBO "SERV8K"  TYPE "Linear Add"
COMBO "SERV8K"  LOADCASE "D"  SF 1
COMBO "SERV8K"  LOADCASE "H"  SF 1
COMBO "SERV8K"  LOADCASE "F"  SF 1
COMBO "SERV8K"  LOADCASE "L"  SF 0.75
COMBO "SERV8K"  LOADCASE "G"  SF 0.75
COMBO "SERV8K"  LOADCASE "Ex"  SF -0.525
COMBO "SERV8K"  LOADCASE "Ey"  SF 0.1575
COMBO "SERV8L"  TYPE "Linear Add"
COMBO "SERV8L"  LOADCASE "D"  SF 1
COMBO "SERV8L"  LOADCASE "H"  SF 1
COMBO "SERV8L"  LOADCASE "F"  SF 1
COMBO "SERV8L"  LOADCASE "L"  SF 0.75
COMBO "SERV8L"  LOADCASE "G"  SF 0.75
COMBO "SERV8L"  LOADCASE "Ex"  SF -0.525
COMBO "SERV8L"  LOADCASE "Ey"  SF -0.1575
COMBO "SERV8M"  TYPE "Linear Add"
COMBO "SERV8M"  LOADCASE "D"  SF 1
COMBO "SERV8M"  LOADCASE "H"  SF 1
COMBO "SERV8M"  LOADCASE "F"  SF 1
COMBO "SERV8M"  LOADCASE "L"  SF 0.75
COMBO "SERV8M"  LOADCASE "G"  SF 0.75
COMBO "SERV8M"  LOADCASE "Ex"  SF 0.1575
COMBO "SERV8M"  LOADCASE "Ey"  SF 0.525
COMBO "SERV8N"  TYPE "Linear Add"
COMBO "SERV8N"  LOADCASE "D"  SF 1
COMBO "SERV8N"  LOADCASE "H"  SF 1
COMBO "SERV8N"  LOADCASE "F"  SF 1
COMBO "SERV8N"  LOADCASE "L"  SF 0.75
COMBO "SERV8N"  LOADCASE "G"  SF 0.75
COMBO "SERV8N"  LOADCASE "Ex"  SF 0.1575
COMBO "SERV8N"  LOADCASE "Ey"  SF -0.525
COMBO "SERV80"  TYPE "Linear Add"
COMBO "SERV80"  LOADCASE "D"  SF 1
COMBO "SERV80"  LOADCASE "H"  SF 1
COMBO "SERV80"  LOADCASE "F"  SF 1
COMBO "SERV80"  LOADCASE "L"  SF 0.75
COMBO "SERV80"  LOADCASE "G"  SF 0.75
COMBO "SERV80"  LOADCASE "Ex"  SF -0.1575
COMBO "SERV80"  LOADCASE "Ey"  SF 0.525
COMBO "SERV8P"  TYPE "Linear Add"
COMBO "SERV8P"  LOADCASE "D"  SF 1
COMBO "SERV8P"  LOADCASE "H"  SF 1
COMBO "SERV8P"  LOADCASE "F"  SF 1
COMBO "SERV8P"  LOADCASE "L"  SF 0.75
COMBO "SERV8P"  LOADCASE "G"  SF 0.75
COMBO "SERV8P"  LOADCASE "Ex"  SF -0.1575
COMBO "SERV8P"  LOADCASE "Ey"  SF -0.525
COMBO "SERV8Q"  TYPE "Linear Add"
COMBO "SERV8Q"  LOADCASE "D"  SF 1
COMBO "SERV8Q"  LOADCASE "H"  SF 1
COMBO "SERV8Q"  LOADCASE "F"  SF 1
COMBO "SERV8Q"  LOADCASE "L"  SF 0.75
COMBO "SERV8Q"  LOADCASE "Le"  SF 0.75
COMBO "SERV8Q"  LOADCASE "Ex"  SF 0.525
COMBO "SERV8Q"  LOADCASE "Ey"  SF 0.1575
COMBO "SERV8R"  TYPE "Linear Add"
COMBO "SERV8R"  LOADCASE "D"  SF 1
COMBO "SERV8R"  LOADCASE "H"  SF 1
COMBO "SERV8R"  LOADCASE "F"  SF 1
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COMBO "SERV8R"  LOADCASE "L"  SF 0.75
COMBO "SERV8R"  LOADCASE "Le"  SF 0.75
COMBO "SERV8R"  LOADCASE "Ex"  SF 0.525
COMBO "SERV8R"  LOADCASE "Ey"  SF -0.1575
COMBO "SERV8S"  TYPE "Linear Add"
COMBO "SERV8S"  LOADCASE "D"  SF 1
COMBO "SERV8S"  LOADCASE "H"  SF 1
COMBO "SERV8S"  LOADCASE "F"  SF 1
COMBO "SERV8S"  LOADCASE "L"  SF 0.75
COMBO "SERV8S"  LOADCASE "Le"  SF 0.75
COMBO "SERV8S"  LOADCASE "Ex"  SF -0.525
COMBO "SERV8S"  LOADCASE "Ey"  SF 0.1575
COMBO "SERV8T"  TYPE "Linear Add"
COMBO "SERV8T"  LOADCASE "D"  SF 1
COMBO "SERV8T"  LOADCASE "H"  SF 1
COMBO "SERV8T"  LOADCASE "F"  SF 1
COMBO "SERV8T"  LOADCASE "L"  SF 0.75
COMBO "SERV8T"  LOADCASE "Le"  SF 0.75
COMBO "SERV8T"  LOADCASE "Ex"  SF -0.525
COMBO "SERV8T"  LOADCASE "Ey"  SF -0.1575
COMBO "SERV8U"  TYPE "Linear Add"
COMBO "SERV8U"  LOADCASE "D"  SF 1
COMBO "SERV8U"  LOADCASE "H"  SF 1
COMBO "SERV8U"  LOADCASE "F"  SF 1
COMBO "SERV8U"  LOADCASE "L"  SF 0.75
COMBO "SERV8U"  LOADCASE "Le"  SF 0.75
COMBO "SERV8U"  LOADCASE "Ex"  SF 0.1575
COMBO "SERV8U"  LOADCASE "Ey"  SF 0.525
COMBO "SERV8V"  TYPE "Linear Add"
COMBO "SERV8V"  LOADCASE "D"  SF 1
COMBO "SERV8V"  LOADCASE "H"  SF 1
COMBO "SERV8V"  LOADCASE "F"  SF 1
COMBO "SERV8V"  LOADCASE "L"  SF 0.75
COMBO "SERV8V"  LOADCASE "Le"  SF 0.75
COMBO "SERV8V"  LOADCASE "Ex"  SF 0.1575
COMBO "SERV8V"  LOADCASE "Ey"  SF -0.525
COMBO "SERV8W"  TYPE "Linear Add"
COMBO "SERV8W"  LOADCASE "D"  SF 1
COMBO "SERV8W"  LOADCASE "H"  SF 1
COMBO "SERV8W"  LOADCASE "F"  SF 1
COMBO "SERV8W"  LOADCASE "L"  SF 0.75
COMBO "SERV8W"  LOADCASE "Le"  SF 0.75
COMBO "SERV8W"  LOADCASE "Ex"  SF -0.1575
COMBO "SERV8W"  LOADCASE "Ey"  SF 0.525
COMBO "SERV8X"  TYPE "Linear Add"
COMBO "SERV8X"  LOADCASE "D"  SF 1
COMBO "SERV8X"  LOADCASE "H"  SF 1
COMBO "SERV8X"  LOADCASE "F"  SF 1
COMBO "SERV8X"  LOADCASE "L"  SF 0.75
COMBO "SERV8X"  LOADCASE "Le"  SF 0.75
COMBO "SERV8X"  LOADCASE "Ex"  SF -0.1575
COMBO "SERV8X"  LOADCASE "Ey"  SF -0.525
COMBO "SERV9"  TYPE "Linear Add"
COMBO "SERV9"  LOADCASE "D"  SF 0.6
COMBO "SERV9"  LOADCASE "W"  SF 1
COMBO "SERV9"  LOADCASE "H"  SF 1
COMBO "SERV10A"  TYPE "Linear Add"
COMBO "SERV10A"  LOADCASE "D"  SF 1
COMBO "SERV10A"  LOADCASE "H"  SF 1
COMBO "SERV10A"  LOADCASE "F"  SF 1
COMBO "SERV10A"  LOADCASE "Ex"  SF 0.7
COMBO "SERV10A"  LOADCASE "Ey"  SF 0.21
COMBO "SERV10B"  TYPE "Linear Add"
COMBO "SERV10B"  LOADCASE "D"  SF 1
COMBO "SERV10B"  LOADCASE "H"  SF 1
COMBO "SERV10B"  LOADCASE "F"  SF 1
COMBO "SERV10B"  LOADCASE "Ex"  SF 0.7
COMBO "SERV10B"  LOADCASE "Ey"  SF -0.21
COMBO "SERV10C"  TYPE "Linear Add"
COMBO "SERV10C"  LOADCASE "D"  SF 1
COMBO "SERV10C"  LOADCASE "H"  SF 1
COMBO "SERV10C"  LOADCASE "F"  SF 1
COMBO "SERV10C"  LOADCASE "Ex"  SF -0.7
COMBO "SERV10C"  LOADCASE "Ey"  SF 0.21
COMBO "SERV10D"  TYPE "Linear Add"
COMBO "SERV10D"  LOADCASE "D"  SF 1
COMBO "SERV10D"  LOADCASE "H"  SF 1
COMBO "SERV10D"  LOADCASE "F"  SF 1
COMBO "SERV10D"  LOADCASE "Ex"  SF -0.7
COMBO "SERV10D"  LOADCASE "Ey"  SF -0.21
COMBO "SERV10E"  TYPE "Linear Add"
COMBO "SERV10E"  LOADCASE "D"  SF 1
COMBO "SERV10E"  LOADCASE "H"  SF 1
COMBO "SERV10E"  LOADCASE "F"  SF 1
COMBO "SERV10E"  LOADCASE "Ex"  SF 0.21
COMBO "SERV10E"  LOADCASE "Ey"  SF 0.7
COMBO "SERV10F"  TYPE "Linear Add"
COMBO "SERV10F"  LOADCASE "D"  SF 1
COMBO "SERV10F"  LOADCASE "H"  SF 1
COMBO "SERV10F"  LOADCASE "F"  SF 1
COMBO "SERV10F"  LOADCASE "Ex"  SF 0.21
COMBO "SERV10F"  LOADCASE "Ey"  SF -0.7
COMBO "SERV10G"  TYPE "Linear Add"
COMBO "SERV10G"  LOADCASE "D"  SF 1
COMBO "SERV10G"  LOADCASE "H"  SF 1
COMBO "SERV10G"  LOADCASE "F"  SF 1
COMBO "SERV10G"  LOADCASE "Ex"  SF -0.21
COMBO "SERV10G"  LOADCASE "Ey"  SF 0.7
COMBO "SERV10H"  TYPE "Linear Add"
COMBO "SERV10H"  LOADCASE "D"  SF 1
COMBO "SERV10H"  LOADCASE "H"  SF 1
COMBO "SERV10H"  LOADCASE "F"  SF 1
COMBO "SERV10H"  LOADCASE "Ex"  SF -0.21
COMBO "SERV10H"  LOADCASE "Ey"  SF -0.7
COMBO "ENV"  TYPE "Envelope"
COMBO "ENV"  LOADCOMBO "COMB1"  SF 1
COMBO "ENV"  LOADCOMBO "COMB3A"  SF 1
COMBO "ENV"  LOADCOMBO "COMB3B"  SF 1
COMBO "ENV"  LOADCOMBO "COMB5A"  SF 1
COMBO "ENV"  LOADCOMBO "COMB5B"  SF 1
COMBO "ENV"  LOADCOMBO "COMB5C"  SF 1
COMBO "ENV"  LOADCOMBO "COMB5D"  SF 1
COMBO "ENV"  LOADCOMBO "COMB5E"  SF 1
COMBO "ENV"  LOADCOMBO "COMB5F"  SF 1
COMBO "ENV"  LOADCOMBO "COMB5G"  SF 1
COMBO "ENV"  LOADCOMBO "COMB5H"  SF 1
COMBO "ENV"  LOADCOMBO "COMB6"  SF 1
COMBO "ENV"  LOADCOMBO "COMB7A"  SF 1
COMBO "ENV"  LOADCOMBO "COMB7B"  SF 1
COMBO "ENV"  LOADCOMBO "COMB7C"  SF 1
COMBO "ENV"  LOADCOMBO "COMB7D"  SF 1
COMBO "ENV"  LOADCOMBO "COMB7E"  SF 1
COMBO "ENV"  LOADCOMBO "COMB7F"  SF 1
COMBO "ENV"  LOADCOMBO "COMB7G"  SF 1
COMBO "ENV"  LOADCOMBO "COMB7H"  SF 1
COMBO "ENV"  LOADCOMBO "COMB2A"  SF 1
COMBO "ENV"  LOADCOMBO "COMB2B"  SF 1
COMBO "ENV"  LOADCOMBO "COMB2C"  SF 1
COMBO "ENV"  LOADCOMBO "COMB3C"  SF 1
COMBO "ENV"  LOADCOMBO "COMB3D"  SF 1
COMBO "ENV"  LOADCOMBO "COMB3E"  SF 1
COMBO "ENV"  LOADCOMBO "COMB3F"  SF 1
COMBO "ENV"  LOADCOMBO "COMB4A"  SF 1
COMBO "ENV"  LOADCOMBO "COMB4B"  SF 1
COMBO "EXCNX"  TYPE "Linear Add"
COMBO "EXCNX"  LOADCASE "Ex"  SF 3
COMBO "EYCNX"  TYPE "Linear Add"
COMBO "EYCNX"  LOADCASE "Ey"  SF 3
COMBO "COMB5ACNX"  TYPE "Linear Add"
COMBO "COMB5ACNX"  LOADCASE "D"  SF 1.2
COMBO "COMB5ACNX"  LOADCASE "L"  SF 1
COMBO "COMB5ACNX"  LOADCOMBO "EXCNX"  SF 1
COMBO "COMB5ACNX"  LOADCOMBO "EYCNX"  SF 0.3
COMBO "COMB5BCNX"  TYPE "Linear Add"
COMBO "COMB5BCNX"  LOADCASE "D"  SF 1.2
COMBO "COMB5BCNX"  LOADCASE "L"  SF 1
COMBO "COMB5BCNX"  LOADCOMBO "EXCNX"  SF 1
COMBO "COMB5BCNX"  LOADCOMBO "EYCNX"  SF -0.3
COMBO "COMB5CCNX"  TYPE "Linear Add"
COMBO "COMB5CCNX"  LOADCASE "D"  SF 1.2
COMBO "COMB5CCNX"  LOADCASE "L"  SF 1
COMBO "COMB5CCNX"  LOADCOMBO "EXCNX"  SF -1
COMBO "COMB5CCNX"  LOADCOMBO "EYCNX"  SF 0.3
COMBO "COMB5DCNX"  TYPE "Linear Add"
COMBO "COMB5DCNX"  LOADCASE "D"  SF 1.2
COMBO "COMB5DCNX"  LOADCASE "L"  SF 1
COMBO "COMB5DCNX"  LOADCOMBO "EXCNX"  SF -1
COMBO "COMB5DCNX"  LOADCOMBO "EYCNX"  SF -0.3
COMBO "COMB5ECNX"  TYPE "Linear Add"
COMBO "COMB5ECNX"  LOADCASE "D"  SF 1.2
COMBO "COMB5ECNX"  LOADCASE "L"  SF 1
COMBO "COMB5ECNX"  LOADCOMBO "EXCNX"  SF 0.3
COMBO "COMB5ECNX"  LOADCOMBO "EYCNX"  SF 1
COMBO "COMB5FCNX"  TYPE "Linear Add"
COMBO "COMB5FCNX"  LOADCASE "D"  SF 1.2
COMBO "COMB5FCNX"  LOADCASE "L"  SF 1
COMBO "COMB5FCNX"  LOADCOMBO "EXCNX"  SF 0.3
COMBO "COMB5FCNX"  LOADCOMBO "EYCNX"  SF -1
COMBO "COMB5GCNX"  TYPE "Linear Add"
COMBO "COMB5GCNX"  LOADCASE "D"  SF 1.2
COMBO "COMB5GCNX"  LOADCASE "L"  SF 1
COMBO "COMB5GCNX"  LOADCOMBO "EXCNX"  SF -0.3
COMBO "COMB5GCNX"  LOADCOMBO "EYCNX"  SF 1
COMBO "COMB5HCNX"  TYPE "Linear Add"
COMBO "COMB5HCNX"  LOADCASE "D"  SF 1.2
COMBO "COMB5HCNX"  LOADCASE "L"  SF 1
COMBO "COMB5HCNX"  LOADCOMBO "EXCNX"  SF -0.3
COMBO "COMB5HCNX"  LOADCOMBO "EYCNX"  SF -1
COMBO "COMB7ACNX"  TYPE "Linear Add"
COMBO "COMB7ACNX"  LOADCASE "D"  SF 0.9
COMBO "COMB7ACNX"  LOADCOMBO "EXCNX"  SF 1
COMBO "COMB7ACNX"  LOADCOMBO "EYCNX"  SF 0.3
COMBO "COMB7BCNX"  TYPE "Linear Add"
COMBO "COMB7BCNX"  LOADCASE "D"  SF 0.9
COMBO "COMB7BCNX"  LOADCOMBO "EXCNX"  SF 1
COMBO "COMB7BCNX"  LOADCOMBO "EYCNX"  SF -0.3
COMBO "COMB7CCNX"  TYPE "Linear Add"
COMBO "COMB7CCNX"  LOADCASE "D"  SF 0.9
COMBO "COMB7CCNX"  LOADCOMBO "EXCNX"  SF -1
COMBO "COMB7CCNX"  LOADCOMBO "EYCNX"  SF 0.3
COMBO "COMB7DCNX"  TYPE "Linear Add"
COMBO "COMB7DCNX"  LOADCASE "D"  SF 0.9
COMBO "COMB7DCNX"  LOADCOMBO "EXCNX"  SF -1
COMBO "COMB7DCNX"  LOADCOMBO "EYCNX"  SF -0.3
COMBO "COMB7ECNX"  TYPE "Linear Add"
COMBO "COMB7ECNX"  LOADCASE "D"  SF 0.9
COMBO "COMB7ECNX"  LOADCOMBO "EXCNX"  SF 0.3
COMBO "COMB7ECNX"  LOADCOMBO "EYCNX"  SF 1
COMBO "COMB7FCNX"  TYPE "Linear Add"
COMBO "COMB7FCNX"  LOADCASE "D"  SF 0.9
COMBO "COMB7FCNX"  LOADCOMBO "EXCNX"  SF 0.3
COMBO "COMB7FCNX"  LOADCOMBO "EYCNX"  SF -1
COMBO "COMB7GCNX"  TYPE "Linear Add"
COMBO "COMB7GCNX"  LOADCASE "D"  SF 0.9
COMBO "COMB7GCNX"  LOADCOMBO "EXCNX"  SF -0.3
COMBO "COMB7GCNX"  LOADCOMBO "EYCNX"  SF 1
COMBO "COMB7HCNX"  TYPE "Linear Add"
COMBO "COMB7HCNX"  LOADCASE "D"  SF 0.9
COMBO "COMB7HCNX"  LOADCOMBO "EXCNX"  SF -0.3
COMBO "COMB7HCNX"  LOADCOMBO "EYCNX"  SF -1
COMBO "0.75(L+Lr)"  TYPE "Linear Add"
COMBO "0.75(L+Lr)"  LOADCASE "L"  SF 1
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  COMBO "0.75(L+Lr)"  LOADCASE "Lr"  SF 1
  COMBO "0.75(L+G)"  TYPE "Linear Add"
  COMBO "0.75(L+G)"  LOADCASE "L"  SF 0.75
  COMBO "0.75(L+G)"  LOADCASE "G"  SF 0.75
  COMBO "ENV (CNX)"  TYPE "Envelope"
  COMBO "ENV (CNX)"  LOADCOMBO "COMB1"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB3A"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB3B"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB5A"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB5B"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB5C"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB5D"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB5E"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB5F"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB5G"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB5H"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB6"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB7A"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB7B"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB7C"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB7D"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB7E"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB7F"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB7G"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB7H"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB2A"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB2B"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB2C"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB3C"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB3D"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB3E"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB3F"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB4A"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB4B"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB5ACNX"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB5BCNX"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB5CCNX"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB5DCNX"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB5ECNX"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB5FCNX"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB5GCNX"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB5HCNX"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB7ACNX"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB7BCNX"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB7CCNX"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB7DCNX"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB7ECNX"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB7FCNX"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB7GCNX"  SF 1
  COMBO "ENV (CNX)"  LOADCOMBO "COMB7HCNX"  SF 1

$ STEEL DESIGN PREFERENCES
  STEELPREFERENCE  CODE "AISC 360-16"  THDESIGN "EVERYSTEP-ALL"
FRAMETYPE "SMF"
  STEELPREFERENCE  SDC "D"  IMPORTANCEFACTOR 1 SYSTEMRHO 1 SYSTEMSDS 0.5
  STEELPREFERENCE  SYSTEMR 8 OMEGA0 3 SYSTEMCD 5.5
  STEELPREFERENCE  PROVISION "LRFD"  ANALYSISMETHOD "DIRECT ANALYSIS"
SECONDORDERMETHOD "GENERAL 2ND ORDER"  STIFFNESSREDUCTIONMETHOD "TAU-B
FIXED"  AANOTIONALTOLATERALCOMBOS "NO"  BETA 1.3 BETAOMEGA 1.6
  STEELPREFERENCE  PHIBAISC05 0.9 PHICAISC05 0.9 PHITYAISC05 0.9
PHITFAISC05 0.75
  STEELPREFERENCE  PHIVAISC05 0.9 PHIVROLLEDIAISC05 1 PHITORSIONAISC05
0.9
  STEELPREFERENCE  IGNORESEISMICCODE "NO"  IGNORESPECIALSEISMICLOAD "NO"
ISDOUBLERPLATEPLUGWELDED "YES"
  STEELPREFERENCE  HSSWELDINGTYPE "ERW"   REDUCEHSSTHICKNESS "NO"
  STEELPREFERENCE  CONSIDERDEFLECTION "YES"
  STEELPREFERENCE  DLDEFLECTIONLIMIT 120 SLDEFLECTIONLIMIT 120
LLDEFLECTIONLIMIT 360 TLDEFLECTIONLIMIT 240 TLMCDEFLECTIONLIMIT 240
  STEELPREFERENCE  PATTERNLLF 0.75 MAXITERATION 1 SRLIMIT 0.95

$ CONCRETE DESIGN PREFERENCES
  CONCRETEPREFERENCE  CODE "ACI 318-14" THDESIGN "EVERYSTEP-ALL"
CONSIDERMINECCENTRICITY "YES"    DESIGNFORBCCR "YES"
  CONCRETEPREFERENCE  NUMINTERCURVES 24  NUMINTERPOINTS 11  PATTERNLLF
0.75  UFLIMIT 1
  CONCRETEPREFERENCE  SDC "D"    OMEGA0 2  RHO 1  SDS 0.5
CONSIDERICC_ESR2017 "NO"
  CONCRETEPREFERENCE  PHITENSIONCTRL 0.9  PHICOMPRESSIONCTRLTIED 0.65
PHICOMPRESSIONCTRLSPIRAL 0.75
  CONCRETEPREFERENCE  PHISHEARTORSION 0.75  PHISHEARSEISMIC 0.6
PHISHEARJOINT 0.85

$ CONCRETE DESIGN OVERWRITES
  CONCRETEDATA  "B261"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B261"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B266"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B266"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B289"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B289"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B290"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B290"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B291"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B291"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B292"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B292"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B293"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B293"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B294"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B294"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B295"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B295"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B296"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B296"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B297"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B297"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B298"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B298"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B299"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B299"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B300"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B300"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B301"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B301"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B302"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B302"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B303"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B303"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B304"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B304"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B2"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B2"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B306"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B306"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B307"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B307"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B308"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B308"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B309"  "P2"  TYPE "INTERMEDIATE"
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  CONCRETEDATA  "B310"  "P2"  TYPE "INTERMEDIATE"
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  CONCRETEDATA  "B311"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B311"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B312"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B312"  "P2"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B338"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B338"  "CUB"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B266"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B266"  "CUB"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B289"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B289"  "CUB"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B291"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B291"  "CUB"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B292"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B292"  "CUB"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B293"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B293"  "CUB"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B294"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B294"  "CUB"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B295"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B295"  "CUB"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B296"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B296"  "CUB"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B297"  "CUB"  TYPE "INTERMEDIATE"
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  CONCRETEDATA  "B298"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B298"  "CUB"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B299"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B299"  "CUB"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B300"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B300"  "CUB"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B301"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B301"  "CUB"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B302"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B302"  "CUB"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B303"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B303"  "CUB"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B339"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B339"  "CUB"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B2"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B2"  "CUB"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B306"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "B306"  "CUB"  CONSIDERTORSION "NO"
  CONCRETEDATA  "B307"  "CUB"  TYPE "INTERMEDIATE"
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  CONCRETEDATA  "B346"  "CUB"  CONSIDERTORSION "NO"
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  CONCRETEDATA  "B290"  "CUB"  CONSIDERTORSION "NO"
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  CONCRETEDATA  "B3"  "CUB"  CONSIDERTORSION "NO"
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  CONCRETEDATA  "B349"  "CUB"  CONSIDERTORSION "NO"
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  CONCRETEDATA  "B311"  "CUB"  CONSIDERTORSION "NO"
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  CONCRETEDATA  "B357"  "P2"  CONSIDERTORSION "NO"
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  CONCRETEDATA  "C26"  "CUB"  TYPE "INTERMEDIATE"
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  CONCRETEDATA  "C34"  "CUB"  TYPE "INTERMEDIATE"
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  CONCRETEDATA  "C35"  "CUB"  TYPE "INTERMEDIATE"
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  CONCRETEDATA  "C48"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "C49"  "P2"  TYPE "INTERMEDIATE"
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  CONCRETEDATA  "C50"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "C50"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "C51"  "P2"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "C51"  "CUB"  TYPE "INTERMEDIATE"
  CONCRETEDATA  "C52"  "P2"  TYPE "INTERMEDIATE"

$ COMPOSITE DESIGN PREFERENCES
  COMPOSITEPREFERENCE  CODE "AISC 360-16"
  COMPOSITEPREFERENCE  PHI-B 0.9  PHI-BCNE 0.9  PHI-BCNP 0.9  PHI-BCPP
0.9  PHI-V 0.9  PHI-C 0.9  PHI-T 0.9
  COMPOSITEPREFERENCE  SHORED "NO"  WITHAXIALFORCE  "NO"  %MIDDLERANGE
70  PATTERNLLF 0.75  SRLIMIT 1
  COMPOSITEPREFERENCE  MIN%COMPOSITE 25  MAX%COMPOSITE 100  SINGLESEGMENT
"NO"
  COMPOSITEPREFERENCE  MINLONGSPACING 0.1143  MAXLONGSPACING 0.9144
MINTRANSSPACING 0.0762  MAXSTUDSPERROW 3  STUDPOSITION "MIDDLE"
  COMPOSITEPREFERENCE  DLLIMIT 0  SLLIMIT 240  LLLIMIT 360  TLLIMIT 240
CREEPFACTOR 1
  COMPOSITEPREFERENCE  CALCULATECAMBER "YES"  %DLCAMBER 80
MINDEPTHFORCAMBER 0.3429  MINWEBTHICKFORCAMBER 0.00635  MINSPANFORCAMBER
7.3152
  COMPOSITEPREFERENCE  CAMBERIGNORE 0.01905  CAMBERELMIN 900
CAMBERABSMAX 0.1524  CAMBERRELMAX 180  CAMBERINTERVAL 0.00635
CAMBERROUNDDOWN "YES"
  COMPOSITEPREFERENCE  %VIBLL 25  CONSIDERFREQ "NO"  MINFREQ 8
CONSIDERDAMP "NO"  %INHERENTDAMP 4
  COMPOSITEPREFERENCE  VIBRATIONCRITERION "WALKING"  OCCUPANCYCATEGORY
"PAPEROFFICE"  DAMPINGRATIO 0.025  WALKINGACCELERATIONLIMIT 0.005
  COMPOSITEPREFERENCE  RHYTHMICACTIVITY "AEROBICS"
AFFECTEDOCCUPANCYCATEGORY "PAPEROFFICE"
  COMPOSITEPREFERENCE  RHYTHMICACCELERATIONLIMIT 0.005
UPPERSTEPFREQUENCY 2.75  LOWERSTEPFREQUENCY 2  NUMBERFREQUENCIES 16
  COMPOSITEPREFERENCE  EQUIPMENTORUSECATEGORY "COMPUTERSYSTEM"
VIBVELOCITYLIMIT 8  WALKINGSPEED "VERYSLOW"
  COMPOSITEPREFERENCE  SENSITIVIBFSTEP 1.25  SENSVIBFL 6  SENSVIBFU 8
SENSVIBGAMMA  0.1
  COMPOSITEPREFERENCE  OPTIMIZEPRICE "YES"  STEELPRICE 1000
CONNECTORPRICE 2  CAMBERPRICE 100

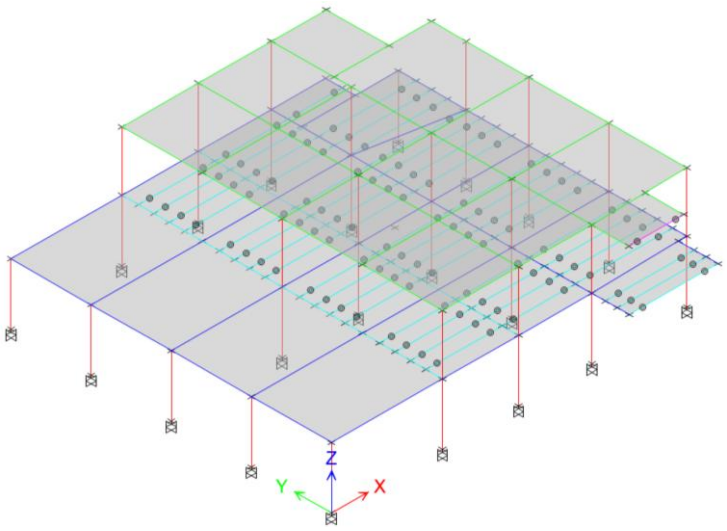
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  WALLPREFERENCE  CODE "ACI 318-14"  THDESIGN "EVERYSTEP-ALL"
  WALLPREFERENCE  REBARMATERIAL " "  REBARSHEARMATERIAL " "
  WALLPREFERENCE  RHO 1  SDS 0.5  I 1  CD 5.5  PHI-TCTRL 0.9  PHI-CCTRL
0.65  PHI-SHEAR 0.75  PHI-SHEARSEIS 0.6  PMAXFACTOR 0.8
  WALLPREFERENCE  NUMCURVES 24  NUMPOINTS 11
  WALLPREFERENCE  PTMAX 0.06  PCMAX 0.04  IPMAX 0.04  IPMIN 0.0025
  WALLPREFERENCE  UFLIMIT 0.95

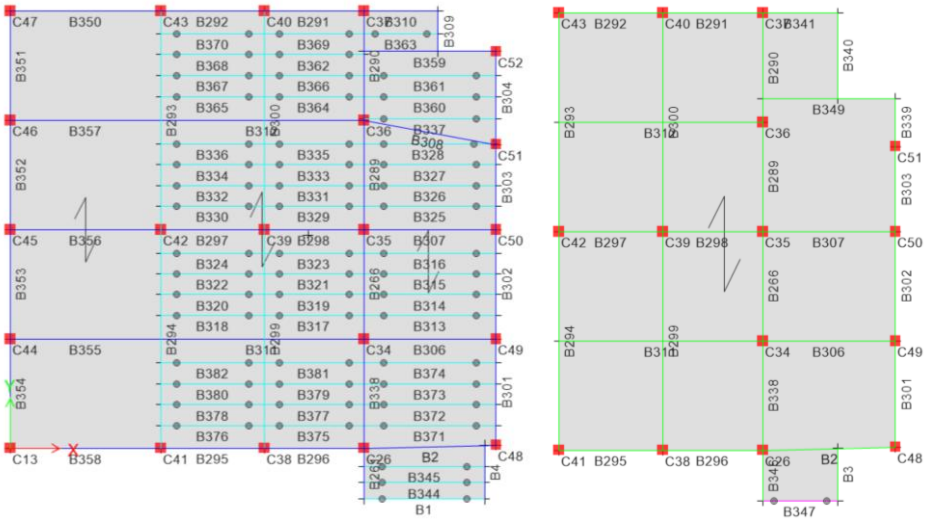
$ CONCRETE SLAB DESIGN PREFERENCES
  CONCRETESLABPREFERENCE  CODE "ACI 318-14"  PHITENACI 0.9  PHICOMPACI
0.65  PHISHEARACI 0.75
  CONCRETESLABPREFERENCE  COVERTOP 0.015  COVERBOT 0.015  BARSIZE "18"
INNERLAYER "B"  PTCGSTOP 0.025  PTCGSBOTEXT 0.04  PTCGSBOTINT 0.025
SLABTYPE "Two Way"
  CONCRETESLABPREFERENCE  USERSTRESS "No"  INITCONCRAT 0.8  LLFRACTION
0.5

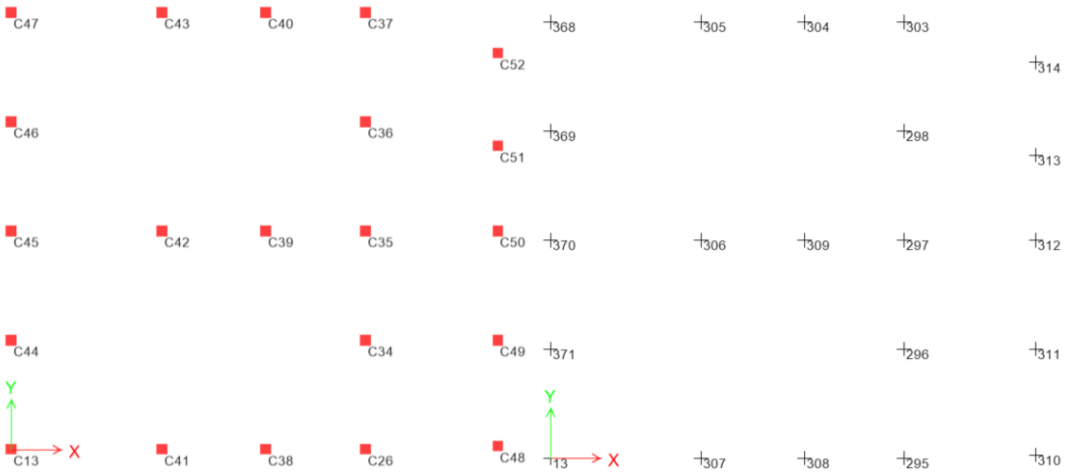
$ TABLE SETS

$ PROJECT INFORMATION
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RICA"
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2.1 ISOMÉTRICO DE LA ESTRUCTURA







NUMERACIÓN ELEMENTOS PLANTA PISO 2, CUBIERTA, COLUMNAS Y NUDOS

2.2 COMBINACIONES DE CARGA

EVALUACIÓN DERIVAS

1.00CM+1.00CV + EQX + 0.30EQY	1.00CM+ EQX + 0.30EQY
1.00CM+1.00CV + EQX – 0.30EQY	1.00CM+ EQX – 0.30EQY
1.00CM+1.00CV – EQX + 0.30EQY	1.00CM– EQX + 0.30EQY
1.00CM+1.00CV – EQX – 0.30EQY	1.00CM– EQX – 0.30EQY
1.00CM+1.00CV + 0.30EQX + EQY	1.00CM+ 0.30EQX + EQY
1.00CM+1.00CV + 0.30EQX – EQY	1.00CM+ 0.30EQX – EQY
1.00CM+1.00CV – 0.30EQX + EQY	1.00CM– 0.30EQX + EQY
1.00CM+1.00CV – 0.30EQX – EQY	1.00CM– 0.30EQX – EQY

DISEÑO ESTRUCTURA

1.40CM
1.20CM+1.60CV

1.20CM+1.00CV + EQX/R + 0.30EQY/R 0.90CM+ EQX/R + 0.30EQY/R
1.20CM+1.00CV + EQX/R – 0.30EQY/R 0.90CM– EQX/R + 0.30EQY/R
1.20CM+1.00CV – EQX/R + 0.30EQY/R 0.90CM+ EQX/R – 0.30EQY/R
1.20CM+1.00CV – EQX/R – 0.30EQY/R 0.90CM– EQX/R – 0.30EQY/R
1.20CM+1.00CV + 0.30EQX/R + EQY/R 0.90CM+ 0.30EQX/R + EQY/R
1.20CM+1.00CV + 0.30EQX/R – EQY/R 0.90CM+ 0.30EQX/R – EQY/R
1.20CM+1.00CV – 0.30EQX/R + EQY/R 0.90CM– 0.30EQX/R + EQY/R
1.20CM+1.00CV – 0.30EQX/R – EQY/R 0.90CM– 0.30EQX/R – EQY/R

REVISIÓN CORTANTE VIGAS

1.20CM+1.00CV + 2EQX/R + 0.60EQY/R 0.90CM+ 2EQX/R + 0.60EQY/R
1.20CM+1.00CV + 2EQX/R – 0.60EQY/R 0.90CM– 2EQX/R + 0.60EQY/R
1.20CM+1.00CV – 2EQX/R + 0.60EQY/R 0.90CM+ 2EQX/R – 0.60EQY/R
1.20CM+1.00CV – 2EQX/R – 0.60EQY/R 0.90CM– 2EQX/R – 0.60EQY/R
1.20CM+1.00CV + 0.60EQX/R + 2EQY/R 0.90CM+ 0.60EQX/R + 2EQY/R
1.20CM+1.00CV + 0.60EQX/R – 2EQY/R 0.90CM+ 0.60EQX/R – 2EQY/R
1.20CM+1.00CV – 0.60EQX/R + 2EQY/R 0.90CM– 0.60EQX/R + 2EQY/R
1.20CM+1.00CV – 0.60EQX/R – 2EQY/R 0.90CM– 0.60EQX/R – 2EQY/R

REVISIÓN CORTANTE COLUMNAS

Incrementado por medio de Ω.
Donde: Ro = 5.00 Ω = 3.00

1.20CM+1.00CV + 3EQX/R + 0.90EQY/R 0.90CM+ 3EQX/R + 0.90EQY/R
1.20CM+1.00CV + 3EQX/R – 0.90EQY/R 0.90CM– 3EQX/R + 0.90EQY/R
1.20CM+1.00CV – 3EQX/R + 0.90EQY/R 0.90CM+ 3EQX/R – 0.90EQY/R
1.20CM+1.00CV – 3EQX/R – 0.90EQY/R 0.90CM– 3EQX/R – 0.90EQY/R
1.20CM+1.00CV + 0.90EQX/R + 3EQY/R 0.90CM+ 0.90EQX/R + 3EQY/R
1.20CM+1.00CV + 0.90EQX/R – 3EQY/R 0.90CM+ 0.90EQX/R – 3EQY/R
1.20CM+1.00CV – 0.90EQX/R + 3EQY/R 0.90CM– 0.90EQX/R + 3EQY/R
1.20CM+1.00CV – 0.90EQX/R – 3EQY/R 0.90CM– 0.90EQX/R – 3EQY/R

2.3 DESPLAZAMIENTO DE NUDOS Y VERIFICACIÓN DE DERIVAS

EVALUACIÓN DE LA DERIVA BLOQUE D

Der=0.64
DerPerm=1.00

NOMBRE	N PISO	H piso (m)
BASE	1	
P2	2	3.45
CUB	3	3.35

Story	Point	Load		UX (m)	UY (m)
	DER				
CUB	295	DER1A	0.0380	0.0120	0.46
CUB	295	DER1B	0.0390	-0.0130	0.49
CUB	295	DER1C	-0.0420	0.0110	0.54
CUB	295	DER1D	-0.0400	-0.0130	0.50
CUB	295	DER1E	0.0080	0.0410	0.48
CUB	295	DER1F	0.0130	-0.0420	0.53
CUB	295	DER1G	-0.0160	0.0410	0.53
CUB	295	DER1H	-0.0110	-0.0420	0.52
CUB	295	DER2A	0.0270	0.0090	0.33
CUB	295	DER2B	0.0280	-0.0100	0.36
CUB	295	DER2C	-0.0320	0.0080	0.41
CUB	295	DER2D	-0.0310	-0.0100	0.40
CUB	295	DER2E	0.0050	0.0300	0.36
CUB	295	DER2F	0.0090	-0.0320	0.39
CUB	295	DER2G	-0.0120	0.0300	0.39
CUB	295	DER2H	-0.0090	-0.0320	0.39
CUB	295	DER3A	0.0380	0.0120	0.46
CUB	295	DER3B	0.0390	-0.0130	0.49
CUB	295	DER3C	-0.0410	0.0120	0.52
CUB	295	DER3D	-0.0400	-0.0130	0.50
CUB	295	DER3E	0.0090	0.0410	0.49
CUB	295	DER3F	0.0130	-0.0420	0.53
CUB	295	DER3G	-0.0150	0.0410	0.52
CUB	295	DER3H	-0.0100	-0.0420	0.51
CUB	296	DER1A	0.0380	0.0120	0.46
CUB	296	DER1B	0.0390	-0.0130	0.49
CUB	296	DER1C	-0.0410	0.0110	0.52
CUB	296	DER1D	-0.0410	-0.0130	0.52
CUB	296	DER1E	0.0100	0.0410	0.49
CUB	296	DER1F	0.0110	-0.0420	0.52
CUB	296	DER1G	-0.0140	0.0410	0.52
CUB	296	DER1H	-0.0120	-0.0420	0.52
CUB	296	DER2A	0.0280	0.0090	0.35
CUB	296	DER2B	0.0280	-0.0100	0.36
CUB	296	DER2C	-0.0320	0.0080	0.41
CUB	296	DER2D	-0.0310	-0.0100	0.40
CUB	296	DER2E	0.0070	0.0300	0.36
CUB	296	DER2F	0.0080	-0.0320	0.39
CUB	296	DER2G	-0.0110	0.0300	0.38
CUB	296	DER2H	-0.0100	-0.0320	0.40
CUB	296	DER3A	0.0390	0.0120	0.48
CUB	296	DER3B	0.0390	-0.0130	0.49
CUB	296	DER3C	-0.0410	0.0120	0.52
CUB	296	DER3D	-0.0400	-0.0130	0.50
CUB	296	DER3E	0.0100	0.0410	0.49
CUB	296	DER3F	0.0120	-0.0420	0.52
CUB	296	DER3G	-0.0130	0.0410	0.51
CUB	296	DER3H	-0.0120	-0.0420	0.52
CUB	297	DER1A	0.0390	0.0120	0.48
CUB	297	DER1B	0.0380	-0.0130	0.47
CUB	297	DER1C	-0.0400	0.0110	0.50
CUB	297	DER1D	-0.0400	-0.0130	0.50
CUB	297	DER1E	0.0110	0.0410	0.50
CUB	297	DER1F	0.0110	-0.0420	0.52
CUB	297	DER1G	-0.0120	0.0410	0.50
CUB	297	DER1H	-0.0130	-0.0420	0.53
CUB	297	DER2A	0.0280	0.0090	0.35
CUB	297	DER2B	0.0280	-0.0100	0.36
CUB	297	DER2C	-0.0300	0.0080	0.36
CUB	297	DER2D	-0.0300	-0.0100	0.38
CUB	297	DER2E	0.0080	0.0300	0.36
CUB	297	DER2F	0.0070	-0.0320	0.38
CUB	297	DER2G	-0.0090	0.0300	0.37
CUB	297	DER2H	-0.0100	-0.0320	0.40
CUB	297	DER3A	0.0390	0.0120	0.48
CUB	297	DER3B	0.0390	-0.0120	0.48
CUB	297	DER3C	-0.0390	0.0120	0.48
CUB	297	DER3D	-0.0400	-0.0130	0.50
CUB	297	DER3E	0.0120	0.0410	0.50
CUB	297	DER3F	0.0110	-0.0420	0.52
CUB	297	DER3G	-0.0120	0.0410	0.50
CUB	297	DER3H	-0.0130	-0.0420	0.53
CUB	298	DER1A	0.0400	0.0120	0.50
CUB	298	DER1B	0.0390	-0.0130	0.51
CUB	298	DER1C	-0.0400	0.0110	0.52
CUB	298	DER1D	-0.0410	-0.0130	0.54
CUB	298	DER1E	0.0140	0.0410	0.52
CUB	298	DER1F	0.0100	-0.0420	0.51
CUB	298	DER1G	-0.0100	0.0410	0.49
CUB	298	DER1H	-0.0140	-0.0420	0.54
CUB	298	DER2A	0.0300	0.0090	0.39
CUB	298	DER2B	0.0290	-0.0100	0.38
CUB	298	DER2C	-0.0300	0.0080	0.39
CUB	298	DER2D	-0.0310	-0.0100	0.42
CUB	298	DER2E	0.0100	0.0300	0.38
CUB	298	DER2F	0.0070	-0.0320	0.38
CUB	298	DER2G	-0.0080	0.0300	0.36
CUB	298	DER2H	-0.0110	-0.0320	0.40
CUB	298	DER3A	0.0400	0.0120	0.50
CUB	298	DER3B	0.0390	-0.0120	0.50
CUB	298	DER3C	-0.0390	0.0120	0.50
CUB	298	DER3D	-0.0410	-0.0130	0.54
CUB	298	DER3E	0.0140	0.0410	0.52
CUB	298	DER3F	0.0100	-0.0420	0.51
CUB	298	DER3G	-0.0100	0.0410	0.49
CUB	298	DER3H	-0.0140	-0.0420	0.54
CUB	303	DER1A	0.0400	0.0120	0.52
CUB	303	DER1B	0.0380	-0.0130	0.49
CUB	303	DER1C	-0.0370	0.0110	0.46

CUB	303	DER1D	-0.0390	-0.0130	0.50	CUB	307	DER1C	-0.0420	0.0140	0.56	CUB	311	DER1B	0.0390	-0.0120	0.48
CUB	303	DER1E	0.0150	0.0410	0.52	CUB	307	DER1D	-0.0400	-0.0140	0.52	CUB	311	DER1C	-0.0410	0.0100	0.51
CUB	303	DER1F	0.0090	-0.0420	0.51	CUB	307	DER1E	0.0080	0.0470	0.61	CUB	311	DER1D	-0.0410	-0.0130	0.52
CUB	303	DER1G	-0.0080	0.0410	0.48	CUB	307	DER1F	0.0130	-0.0470	0.63	CUB	311	DER1E	0.0100	0.0380	0.45
CUB	303	DER1H	-0.0140	-0.0420	0.54	CUB	307	DER1G	-0.0150	0.0470	0.64	CUB	311	DER1F	0.0110	-0.0390	0.46
CUB	303	DER2A	0.0300	0.0090	0.39	CUB	307	DER1H	-0.0110	-0.0460	0.60	CUB	311	DER1G	-0.0140	0.0380	0.48
CUB	303	DER2B	0.0290	-0.0100	0.38	CUB	307	DER2A	0.0270	0.0110	0.35	CUB	311	DER1H	-0.0120	-0.0400	0.48
CUB	303	DER2C	-0.0280	0.0080	0.34	CUB	307	DER2B	0.0280	-0.0100	0.36	CUB	311	DER2A	0.0280	0.0080	0.34
CUB	303	DER2D	-0.0290	-0.0100	0.38	CUB	307	DER2C	-0.0320	0.0110	0.42	CUB	311	DER2B	0.0280	-0.0090	0.35
CUB	303	DER2E	0.0110	0.0300	0.38	CUB	307	DER2D	-0.0310	-0.0100	0.40	CUB	311	DER2C	-0.0320	0.0070	0.41
CUB	303	DER2F	0.0070	-0.0320	0.38	CUB	307	DER2E	0.0050	0.0350	0.46	CUB	311	DER2D	-0.0310	-0.0100	0.39
CUB	303	DER2G	-0.0060	0.0300	0.36	CUB	307	DER2F	0.0090	-0.0350	0.45	CUB	311	DER2E	0.0070	0.0280	0.32
CUB	303	DER2H	-0.0110	-0.0320	0.40	CUB	307	DER2G	-0.0120	0.0350	0.49	CUB	311	DER2F	0.0080	-0.0300	0.34
CUB	303	DER3A	0.0400	0.0120	0.52	CUB	307	DER2H	-0.0090	-0.0350	0.45	CUB	311	DER2G	-0.0110	0.0280	0.35
CUB	303	DER3B	0.0380	-0.0120	0.48	CUB	307	DER3A	0.0380	0.0140	0.48	CUB	311	DER2H	-0.0100	-0.0300	0.36
CUB	303	DER3C	-0.0370	0.0120	0.46	CUB	307	DER3B	0.0390	-0.0140	0.49	CUB	311	DER3A	0.0390	0.0120	0.48
CUB	303	DER3D	-0.0390	-0.0130	0.50	CUB	307	DER3C	-0.0410	0.0140	0.54	CUB	311	DER3B	0.0390	-0.0110	0.48
CUB	303	DER3E	0.0150	0.0410	0.52	CUB	307	DER3D	-0.0400	-0.0140	0.52	CUB	311	DER3C	-0.0410	0.0100	0.51
CUB	303	DER3F	0.0090	-0.0420	0.51	CUB	307	DER3E	0.0090	0.0470	0.61	CUB	311	DER3D	-0.0400	-0.0130	0.50
CUB	303	DER3G	-0.0080	0.0410	0.48	CUB	307	DER3F	0.0130	-0.0470	0.63	CUB	311	DER3E	0.0100	0.0380	0.43
CUB	303	DER3H	-0.0140	-0.0420	0.54	CUB	307	DER3G	-0.0150	0.0470	0.64	CUB	311	DER3F	0.0120	-0.0390	0.46
CUB	304	DER1A	0.0400	0.0130	0.53	CUB	307	DER3H	-0.0100	-0.0470	0.61	CUB	311	DER3G	-0.0130	0.0380	0.47
CUB	304	DER1B	0.0380	-0.0140	0.50	CUB	308	DER1A	0.0370	0.0130	0.45	CUB	311	DER3H	-0.0120	-0.0390	0.46
CUB	304	DER1C	-0.0370	0.0130	0.47	CUB	308	DER1B	0.0390	-0.0140	0.50	CUB	312	DER1A	0.0390	0.0120	0.48
CUB	304	DER1D	-0.0390	-0.0140	0.51	CUB	308	DER1C	-0.0420	0.0130	0.55	CUB	312	DER1B	0.0380	-0.0120	0.46
CUB	304	DER1E	0.0150	0.0440	0.58	CUB	308	DER1D	-0.0400	-0.0140	0.51	CUB	312	DER1C	-0.0400	0.0100	0.49
CUB	304	DER1F	0.0090	-0.0450	0.57	CUB	308	DER1E	0.0080	0.0440	0.55	CUB	312	DER1D	-0.0400	-0.0130	0.50
CUB	304	DER1G	-0.0080	0.0440	0.55	CUB	308	DER1F	0.0130	-0.0450	0.59	CUB	312	DER1E	0.0110	0.0380	0.46
CUB	304	DER1H	-0.0140	-0.0450	0.59	CUB	308	DER1G	-0.0150	0.0440	0.58	CUB	312	DER1F	0.0110	-0.0390	0.46
CUB	304	DER2A	0.0300	0.0090	0.39	CUB	308	DER1H	-0.0110	-0.0450	0.58	CUB	312	DER1G	-0.0120	0.0370	0.44
CUB	304	DER2B	0.0290	-0.0110	0.38	CUB	308	DER2A	0.0270	0.0100	0.34	CUB	312	DER1H	-0.0130	-0.0390	0.47
CUB	304	DER2C	-0.0280	0.0090	0.35	CUB	308	DER2B	0.0280	-0.0100	0.36	CUB	312	DER2A	0.0290	0.0080	0.36
CUB	304	DER2D	-0.0290	-0.0110	0.38	CUB	308	DER2C	-0.0320	0.0100	0.42	CUB	312	DER2B	0.0280	-0.0090	0.35
CUB	304	DER2E	0.0110	0.0330	0.44	CUB	308	DER2D	-0.0310	-0.0100	0.40	CUB	312	DER2C	-0.0300	0.0070	0.36
CUB	304	DER2F	0.0070	-0.0340	0.42	CUB	308	DER2E	0.0050	0.0330	0.42	CUB	312	DER2D	-0.0310	-0.0100	0.39
CUB	304	DER2G	-0.0060	0.0330	0.42	CUB	308	DER2F	0.0090	-0.0340	0.43	CUB	312	DER2E	0.0080	0.0280	0.32
CUB	304	DER2H	-0.0110	-0.0340	0.44	CUB	308	DER2G	-0.0120	0.0330	0.45	CUB	312	DER2F	0.0070	-0.0300	0.34
CUB	304	DER3A	0.0400	0.0130	0.53	CUB	308	DER2H	-0.0090	-0.0340	0.43	CUB	312	DER2G	-0.0100	0.0280	0.34
CUB	304	DER3B	0.0380	-0.0140	0.50	CUB	308	DER3A	0.0380	0.0130	0.47	CUB	312	DER2H	-0.0100	-0.0300	0.36
CUB	304	DER3C	-0.0370	0.0130	0.47	CUB	308	DER3B	0.0390	-0.0130	0.49	CUB	312	DER3A	0.0390	0.0120	0.48
CUB	304	DER3D	-0.0390	-0.0140	0.52	CUB	308	DER3C	-0.0410	0.0130	0.53	CUB	312	DER3B	0.0390	-0.0110	0.48
CUB	304	DER3E	0.0150	0.0440	0.58	CUB	308	DER3D	-0.0400	-0.0130	0.51	CUB	312	DER3C	-0.0400	0.0100	0.49
CUB	304	DER3F	0.0090	-0.0450	0.57	CUB	308	DER3E	0.0090	0.0440	0.55	CUB	312	DER3D	-0.0400	-0.0130	0.50
CUB	304	DER3G	-0.0080	0.0440	0.55	CUB	308	DER3F	0.0130	-0.0450	0.59	CUB	312	DER3E	0.0120	0.0380	0.44
CUB	304	DER3H	-0.0140	-0.0450	0.59	CUB	308	DER3G	-0.0150	0.0440	0.58	CUB	312	DER3F	0.0110	-0.0390	0.46
CUB	305	DER1A	0.0400	0.0140	0.54	CUB	308	DER3H	-0.0100	-0.0450	0.57	CUB	312	DER3G	-0.0120	0.0380	0.46
CUB	305	DER1B	0.0380	-0.0140	0.49	CUB	309	DER1A	0.0390	0.0130	0.49	CUB	312	DER3H	-0.0130	-0.0390	0.47
CUB	305	DER1C	-0.0370	0.0140	0.48	CUB	309	DER1B	0.0380	-0.0140	0.48	CUB	313	DER1A	0.0400	0.0120	0.50
CUB	305	DER1D	-0.0390	-0.0140	0.52	CUB	309	DER1C	-0.0400	0.0130	0.51	CUB	313	DER1B	0.0390	-0.0120	0.50
CUB	305	DER1E	0.0150	0.0470	0.64	CUB	309	DER1D	-0.0400	-0.0140	0.51	CUB	313	DER1C	-0.0400	0.0100	0.51
CUB	305	DER1F	0.0090	-0.0470	0.61	CUB	309	DER1E	0.0120	0.0440	0.56	CUB	313	DER1D	-0.0400	-0.0130	0.52
CUB	305	DER1G	-0.0080	0.0470	0.61	CUB	309	DER1F	0.0110	-0.0450	0.58	CUB	313	DER1E	0.0120	0.0380	0.46
CUB	305	DER1H	-0.0140	-0.0470	0.63	CUB	309	DER1G	-0.0120	0.0440	0.56	CUB	313	DER1F	0.0110	-0.0390	0.46
CUB	305	DER2A	0.0300	0.0100	0.40	CUB	309	DER1H	-0.0130	-0.0450	0.59	CUB	313	DER1G	-0.0110	0.0380	0.46
CUB	305	DER2B	0.0290	-0.0110	0.38	CUB	309	DER2A	0.0280	0.0100	0.36	CUB	313	DER1H	-0.0130	-0.0390	0.47
CUB	305	DER2C	-0.0280	0.0110	0.36	CUB	309	DER2B	0.0280	-0.0100	0.36	CUB	313	DER2A	0.0290	0.0080	0.36
CUB	305	DER2D	-0.0290	-0.0100	0.38	CUB	309	DER2C	-0.0300	0.0100	0.38	CUB	313	DER2B	0.0290	-0.0090	0.37
CUB	305	DER2E	0.0110	0.0350	0.48	CUB	309	DER2D	-0.0300	-0.0100	0.38	CUB	313	DER2C	-0.0300	0.0070	0.39
CUB	305	DER2F	0.0070	-0.0350	0.44	CUB	309	DER2E	0.0080	0.0330	0.43	CUB	313	DER2D	-0.0300	-0.0100	0.39
CUB	305	DER2G	-0.0060	0.0350	0.46	CUB	309	DER2F	0.0070	-0.0340	0.42	CUB	313	DER2E	0.0090	0.0280	0.33
CUB	305	DER2H	-0.0110	-0.0350	0.46	CUB	309	DER2G	-0.0090	0.0330	0.43	CUB	313	DER2F	0.0080	-0.0300	0.34
CUB	305	DER3A	0.0400	0.0140	0.54	CUB	309	DER2H	-0.0100	-0.0340	0.44	CUB	313	DER2G	-0.0090	0.0280	0.33
CUB	305	DER3B	0.0380	-0.0140	0.49	CUB	309	DER3A	0.0390	0.0130	0.49	CUB	313	DER2H	-0.0100	-0.0300	0.36
CUB	305	DER3C	-0.0370	0.0140	0.48	CUB	309	DER3B	0.0390	-0.0130	0.49	CUB	313	DER3A	0.0400	0.0120	0.50
CUB	305	DER3D	-0.0390	-0.0140	0.52	CUB	309	DER3C	-0.0390	0.0130	0.49	CUB	313	DER3B	0.0390	-0.0110	0.50
CUB	305	DER3E	0.0150	0.0470	0.64	CUB	309	DER3D	-0.0400	-0.0140	0.52	CUB	313	DER3C	-0.0390	0.0100	0.49
CUB	305	DER3F	0.0090	-0.0470	0.61	CUB	309	DER3E	0.0120	0.0440	0.56	CUB	313	DER3D	-0.0400	-0.0130	0.52
CUB	305	DER3G	-0.0080	0.0470	0.61	CUB	309	DER3F	0.0110	-0.0450	0.58	CUB	313	DER3E	0.0130	0.0380	0.45
CUB	305	DER3H	-0.0140	-0.0470	0.63	CUB	309	DER3G	-0.0120	0.0440	0.56	CUB	313	DER3F	0.0110	-0.0390	0.46
CUB	306	DER1A	0.0390	0.0140	0.50	CUB	309	DER3H	-0.0130	-0.0450	0.59	CUB	313	DER3G	-0.0110	0.0380	0.46
CUB	306	DER1B	0.0380	-0.0140	0.47	CUB	310	DER1A	0.0380	0.0120	0.46	CUB	313	DER3H	-0.0130	-0.0390	0.47
CUB	306	DER1C	-0.0400	0.0140	0.52	CUB	310	DER1B	0.0390	-0.0120	0.48	P2	13	DER1A	0.0170	0.0030	0.35
CUB	306	DER1D	-0.0400	-0.0140	0.52	CUB	310	DER1C	-0.0420	0.0100	0.53	P2	13	DER1B	0.0170	-0.0030	0.35
CUB	306	DER1E	0.0120	0.0470	0.62	CUB	310	DER1D	-0.0400	-0.0130	0.50	P2	13	DER1C	-0.0170	0.0030	0.35
CUB	306	DER1F	0.0110	-0.0470	0.62	CUB	310	DER1E	0.0080	0.0380	0.44	P2	13	DER1D	-0.0170	-0.0030	0.35
CUB	306	DER1G	-0.0120	0.0470	0.62	CUB	310	DER1F	0.0130	-0.0390	0.47	P2	13	DER1E	0.0050	0.0100	0.23
CUB	306	DER1H	-0.0130	-0.0470	0.63	CUB	310	DER1G	-0.0160	0.0380	0.50	P2	13	DER1F	0.0050	-0.0100	0.23
CUB	306	DER2A	0.0290	0.0100	0.38	CUB	310	DER1H	-0.0110	-0.0400	0.48	P2	13	DER1G	-0.0050	0.0100	0.23
CUB	306	DER2B	0.0280	-0.0110	0.36	CUB	310	DER2A	0.0270	0.0080	0.32	P2	13	DER1H	-0.0050	-0.0100	0.23
CUB	306	DER2C	-0.0300	0.0110	0.38	CUB	310	DER2B	0.0280	-0.0090	0.35	P2	13	DER2A	0.0120	0.0020	0.25
CUB	306	DER2D	-0.0300	-0.0100	0.38	CUB	310	DER2C	-0.0320	0.0070	0.41	P2	13	DER2B	0.0120	-0.0020	0.25
CUB	306	DER2E	0.0080	0.0350	0.47	CUB	310	DER2D	-0.0310	-0.0100	0.39	P2	13	DER2C	-0.0130	0.0020	0.27
CUB	306	DER2F	0.0080	-0.0350	0.45	CUB	310	DER2E	0.0050	0.0280	0.32	P2	13	DER2D	-0.0130	-0.0020	0.27
CUB	306	DER2G	-0.0090	0.0350	0.47	CUB	310	DER2F	0.0090	-0.0300	0.35	P2	13	DER2E	0.0030	0.0080	0.17
CUB	306	DER2H	-0.0100	-0.0350	0.46	CUB	310	DER2G	-0.0120	0.0280	0.36	P2	13	DER2F	0.0030	-0.0080	0.17
CUB	306	DER3A	0.0390	0.0140	0.50	CUB	310	DER2H	-0.0090	-0.0300	0.35	P2	13	DER2G	-0.0040	0.0080	0.18
CUB	306	DER3B	0.0390	-0.0140	0.49	CUB	310	DER3A	0.0380	0.0120	0.46	P2	13	DER2H	-0.0040	-0.0070	0.16
CUB	306	DER3C	-0.0390	0.0140	0.50	CUB	310	DER3B	0.0390	-0.0110	0.48	P2	13	DER3A	0.0170	0.0030	0.35
CUB	306	DER3D	-0.0400	-0.0140	0.52	CUB	310	DER3C	-0.0410	0.0100	0.51	P2	13	DER3B	0.0170	-0.0030	0.35
CUB	306	DER3E	0.0120	0.0470	0.62	CUB	310	DER3D	-0.0400	-0.0130	0.50	P2	13	DER3C	-0.0170	0.0030	0.35
CUB	306	DER3F	0.0110	-0.0470	0.62	CUB	310	DER3E	0.0090	0.0380	0.43	P2	13	DER3D	-0.0170	-0.0030	0.35
CUB	306	DER3G	-0.0120	0.0470	0.62	CUB	310	DER3F	0.0130	-0.0390	0.47	P2	13	DER3E	0.0050	0.0100	0.23
CUB	306	DER3H	-0.0130	-0.0470	0.63	CUB	310	DER3G	-0.0150	0.0380	0.49	P2	13	DER3F	0.0050	-0.0100	0.23
CUB	307	DER1A	0.0380	0.0140	0.48	CUB	310	DER3H	-0.0110	-0.0390	0.46	P2	13	DER3G	-0.0050	0.0100	0.23
CUB	307	DER1B	0.0390	-0.0140	0.49	CUB	311	DER1A	0.0380	0.0120	0.46	P2	13	DER3H	-0.0050	-0.0100	0.23

P2	295	DER1A	0.0170	0.0050	0.36	P2	298	DER3H	-0.0050	-0.0180	0.38	P2	306	DER3G	-0.0050	0.0180	0.38
P2	295	DER1B	0.0170	-0.0050	0.36	P2	303	DER1A	0.0160	0.0050	0.34	P2	306	DER3H	-0.0050	-0.0180	0.38
P2	295	DER1C	-0.0170	0.0050	0.36	P2	303	DER1B	0.0160	-0.0050	0.34	P2	307	DER1A	0.0170	0.0050	0.36
P2	295	DER1D	-0.0170	-0.0060	0.37	P2	303	DER1C	-0.0160	0.0050	0.34	P2	307	DER1B	0.0170	-0.0060	0.37
P2	295	DER1E	0.0050	0.0180	0.38	P2	303	DER1D	-0.0160	-0.0060	0.35	P2	307	DER1C	-0.0170	0.0050	0.36
P2	295	DER1F	0.0050	-0.0180	0.38	P2	303	DER1E	0.0050	0.0180	0.38	P2	307	DER1D	-0.0170	-0.0050	0.36
P2	295	DER1G	-0.0050	0.0180	0.38	P2	303	DER1F	0.0050	-0.0180	0.38	P2	307	DER1E	0.0050	0.0180	0.38
P2	295	DER1H	-0.0050	-0.0180	0.38	P2	303	DER1G	-0.0050	0.0180	0.38	P2	307	DER1F	0.0050	-0.0180	0.38
P2	295	DER2A	0.0120	0.0040	0.26	P2	303	DER1H	-0.0050	-0.0180	0.38	P2	307	DER1G	-0.0050	0.0180	0.38
P2	295	DER2B	0.0120	-0.0040	0.26	P2	303	DER2A	0.0120	0.0040	0.26	P2	307	DER1H	-0.0050	-0.0180	0.38
P2	295	DER2C	-0.0130	0.0040	0.28	P2	303	DER2B	0.0120	-0.0040	0.26	P2	307	DER2A	0.0120	0.0040	0.26
P2	295	DER2D	-0.0130	-0.0040	0.28	P2	303	DER2C	-0.0120	0.0040	0.26	P2	307	DER2B	0.0120	-0.0040	0.26
P2	295	DER2E	0.0030	0.0130	0.27	P2	303	DER2D	-0.0120	-0.0040	0.26	P2	307	DER2C	-0.0130	0.0040	0.28
P2	295	DER2F	0.0040	-0.0140	0.30	P2	303	DER2E	0.0040	0.0130	0.28	P2	307	DER2D	-0.0130	-0.0040	0.28
P2	295	DER2G	-0.0040	0.0130	0.28	P2	303	DER2F	0.0040	-0.0140	0.30	P2	307	DER2E	0.0030	0.0130	0.27
P2	295	DER2H	-0.0040	-0.0140	0.30	P2	303	DER2G	-0.0030	0.0130	0.27	P2	307	DER2F	0.0040	-0.0140	0.30
P2	295	DER3A	0.0170	0.0050	0.36	P2	303	DER2H	-0.0040	-0.0140	0.30	P2	307	DER2G	-0.0040	0.0130	0.28
P2	295	DER3B	0.0170	-0.0050	0.36	P2	303	DER3A	0.0160	0.0050	0.34	P2	307	DER2H	-0.0040	-0.0140	0.30
P2	295	DER3C	-0.0170	0.0050	0.36	P2	303	DER3B	0.0160	-0.0050	0.34	P2	307	DER3A	0.0170	0.0050	0.36
P2	295	DER3D	-0.0170	-0.0060	0.37	P2	303	DER3C	-0.0160	0.0050	0.34	P2	307	DER3B	0.0170	-0.0060	0.37
P2	295	DER3E	0.0050	0.0180	0.38	P2	303	DER3D	-0.0160	-0.0060	0.35	P2	307	DER3C	-0.0170	0.0050	0.36
P2	295	DER3F	0.0050	-0.0180	0.38	P2	303	DER3E	0.0050	0.0180	0.38	P2	307	DER3D	-0.0170	-0.0050	0.36
P2	295	DER3G	-0.0050	0.0180	0.38	P2	303	DER3F	0.0050	-0.0180	0.38	P2	307	DER3E	0.0050	0.0180	0.38
P2	295	DER3H	-0.0050	-0.0180	0.38	P2	303	DER3G	-0.0050	0.0180	0.38	P2	307	DER3F	0.0050	-0.0180	0.38
P2	296	DER1A	0.0170	0.0050	0.36	P2	303	DER3H	-0.0050	-0.0180	0.38	P2	307	DER3G	-0.0050	0.0180	0.38
P2	296	DER1B	0.0170	-0.0050	0.36	P2	304	DER1A	0.0160	0.0050	0.34	P2	307	DER3H	-0.0050	-0.0180	0.38
P2	296	DER1C	-0.0170	0.0050	0.36	P2	304	DER1B	0.0160	-0.0050	0.34	P2	308	DER1A	0.0170	0.0050	0.36
P2	296	DER1D	-0.0170	-0.0060	0.37	P2	304	DER1C	-0.0160	0.0050	0.34	P2	308	DER1B	0.0170	-0.0050	0.36
P2	296	DER1E	0.0050	0.0180	0.38	P2	304	DER1D	-0.0160	-0.0060	0.35	P2	308	DER1C	-0.0170	0.0050	0.36
P2	296	DER1F	0.0050	-0.0180	0.38	P2	304	DER1E	0.0050	0.0180	0.38	P2	308	DER1D	-0.0170	-0.0060	0.37
P2	296	DER1G	-0.0050	0.0180	0.38	P2	304	DER1F	0.0050	-0.0180	0.38	P2	308	DER1E	0.0050	0.0180	0.38
P2	296	DER1H	-0.0050	-0.0180	0.38	P2	304	DER1G	-0.0050	0.0180	0.38	P2	308	DER1F	0.0050	-0.0180	0.38
P2	296	DER2A	0.0120	0.0040	0.26	P2	304	DER1H	-0.0050	-0.0180	0.38	P2	308	DER1G	-0.0050	0.0180	0.38
P2	296	DER2B	0.0120	-0.0040	0.26	P2	304	DER2A	0.0120	0.0040	0.26	P2	308	DER1H	-0.0050	-0.0180	0.38
P2	296	DER2C	-0.0130	0.0040	0.28	P2	304	DER2B	0.0120	-0.0040	0.26	P2	308	DER2A	0.0120	0.0040	0.26
P2	296	DER2D	-0.0130	-0.0040	0.28	P2	304	DER2C	-0.0120	0.0040	0.26	P2	308	DER2B	0.0120	-0.0040	0.26
P2	296	DER2E	0.0040	0.0130	0.28	P2	304	DER2D	-0.0120	-0.0040	0.26	P2	308	DER2C	-0.0130	0.0040	0.28
P2	296	DER2F	0.0040	-0.0140	0.30	P2	304	DER2E	0.0040	0.0130	0.28	P2	308	DER2D	-0.0130	-0.0040	0.28
P2	296	DER2G	-0.0040	0.0130	0.28	P2	304	DER2F	0.0040	-0.0140	0.30	P2	308	DER2E	0.0030	0.0130	0.27
P2	296	DER2H	-0.0040	-0.0140	0.30	P2	304	DER2G	-0.0030	0.0130	0.27	P2	308	DER2F	0.0040	-0.0140	0.30
P2	296	DER3A	0.0170	0.0050	0.36	P2	304	DER2H	-0.0040	-0.0140	0.30	P2	308	DER2G	-0.0040	0.0130	0.28
P2	296	DER3B	0.0170	-0.0050	0.36	P2	304	DER3A	0.0160	0.0050	0.34	P2	308	DER2H	-0.0040	-0.0140	0.30
P2	296	DER3C	-0.0170	0.0050	0.36	P2	304	DER3B	0.0160	-0.0050	0.34	P2	308	DER3A	0.0170	0.0050	0.36
P2	296	DER3D	-0.0170	-0.0060	0.37	P2	304	DER3C	-0.0160	0.0050	0.34	P2	308	DER3B	0.0170	-0.0050	0.36
P2	296	DER3E	0.0050	0.0180	0.38	P2	304	DER3D	-0.0160	-0.0050	0.34	P2	308	DER3C	-0.0170	0.0050	0.36
P2	296	DER3F	0.0050	-0.0180	0.38	P2	304	DER3E	0.0050	0.0180	0.38	P2	308	DER3D	-0.0170	-0.0050	0.36
P2	296	DER3G	-0.0050	0.0180	0.38	P2	304	DER3F	0.0050	-0.0180	0.38	P2	308	DER3E	0.0050	0.0180	0.38
P2	296	DER3H	-0.0050	-0.0180	0.38	P2	304	DER3G	-0.0050	0.0180	0.38	P2	308	DER3F	0.0050	-0.0180	0.38
P2	297	DER1A	0.0170	0.0050	0.36	P2	304	DER3H	-0.0050	-0.0180	0.38	P2	308	DER3G	-0.0050	0.0180	0.38
P2	297	DER1B	0.0170	-0.0050	0.36	P2	305	DER1A	0.0160	0.0050	0.34	P2	308	DER3H	-0.0050	-0.0180	0.38
P2	297	DER1C	-0.0170	0.0050	0.36	P2	305	DER1B	0.0160	-0.0060	0.35	P2	309	DER1A	0.0170	0.0050	0.36
P2	297	DER1D	-0.0170	-0.0060	0.37	P2	305	DER1C	-0.0160	0.0050	0.34	P2	309	DER1B	0.0170	-0.0050	0.36
P2	297	DER1E	0.0050	0.0180	0.38	P2	305	DER1D	-0.0160	-0.0050	0.34	P2	309	DER1C	-0.0170	0.0050	0.36
P2	297	DER1F	0.0050	-0.0180	0.38	P2	305	DER1E	0.0050	0.0180	0.38	P2	309	DER1D	-0.0170	-0.0060	0.37
P2	297	DER1G	-0.0050	0.0180	0.38	P2	305	DER1F	0.0050	-0.0180	0.38	P2	309	DER1E	0.0050	0.0180	0.38
P2	297	DER1H	-0.0050	-0.0180	0.38	P2	305	DER1G	-0.0050	0.0180	0.38	P2	309	DER1F	0.0050	-0.0180	0.38
P2	297	DER2A	0.0120	0.0040	0.26	P2	305	DER1H	-0.0050	-0.0180	0.38	P2	309	DER1G	-0.0050	0.0180	0.38
P2	297	DER2B	0.0120	-0.0040	0.26	P2	305	DER2A	0.0120	0.0040	0.26	P2	309	DER1H	-0.0050	-0.0180	0.38
P2	297	DER2C	-0.0130	0.0040	0.28	P2	305	DER2B	0.0120	-0.0040	0.26	P2	309	DER2A	0.0120	0.0040	0.26
P2	297	DER2D	-0.0130	-0.0040	0.28	P2	305	DER2C	-0.0120	0.0040	0.26	P2	309	DER2B	0.0120	-0.0040	0.26
P2	297	DER2E	0.0040	0.0130	0.28	P2	305	DER2D	-0.0120	-0.0040	0.26	P2	309	DER2C	-0.0130	0.0040	0.28
P2	297	DER2F	0.0040	-0.0140	0.30	P2	305	DER2E	0.0040	0.0130	0.28	P2	309	DER2D	-0.0130	-0.0040	0.28
P2	297	DER2G	-0.0040	0.0130	0.28	P2	305	DER2F	0.0040	-0.0140	0.30	P2	309	DER2E	0.0040	0.0130	0.28
P2	297	DER2H	-0.0040	-0.0140	0.30	P2	305	DER2G	-0.0030	0.0130	0.27	P2	309	DER2F	0.0040	-0.0140	0.30
P2	297	DER3A	0.0170	0.0050	0.36	P2	305	DER2H	-0.0040	-0.0140	0.30	P2	309	DER2G	-0.0040	0.0130	0.28
P2	297	DER3B	0.0170	-0.0050	0.36	P2	305	DER3A	0.0160	0.0050	0.34	P2	309	DER2H	-0.0040	-0.0140	0.30
P2	297	DER3C	-0.0170	0.0050	0.36	P2	305	DER3B	0.0160	-0.0060	0.35	P2	309	DER3A	0.0170	0.0050	0.36
P2	297	DER3D	-0.0170	-0.0060	0.37	P2	305	DER3C	-0.0160	0.0050	0.34	P2	309	DER3B	0.0170	-0.0050	0.36
P2	297	DER3E	0.0050	0.0180	0.38	P2	305	DER3D	-0.0160	-0.0050	0.34	P2	309	DER3C	-0.0170	0.0050	0.36
P2	297	DER3F	0.0050	-0.0180	0.38	P2	305	DER3E	0.0050	0.0180	0.38	P2	309	DER3D	-0.0170	-0.0050	0.36
P2	297	DER3G	-0.0050	0.0180	0.38	P2	305	DER3F	0.0050	-0.0180	0.38	P2	309	DER3E	0.0050	0.0180	0.38
P2	297	DER3H	-0.0050	-0.0180	0.38	P2	305	DER3G	-0.0050	0.0180	0.38	P2	309	DER3F	0.0050	-0.0180	0.38
P2	298	DER1A	0.0170	0.0050	0.36	P2	305	DER3H	-0.0050	-0.0180	0.38	P2	309	DER3G	-0.0050	0.0180	0.38
P2	298	DER1B	0.0160	-0.0050	0.34	P2	306	DER1A	0.0170	0.0050	0.36	P2	309	DER3H	-0.0050	-0.0180	0.38
P2	298	DER1C	-0.0160	0.0050	0.34	P2	306	DER1B	0.0170	-0.0060	0.37	P2	310	DER1A	0.0170	0.0050	0.36
P2	298	DER1D	-0.0160	-0.0060	0.35	P2	306	DER1C	-0.0170	0.0050	0.36	P2	310	DER1B	0.0170	-0.0050	0.36
P2	298	DER1E	0.0050	0.0180	0.38	P2	306	DER1D	-0.0170	-0.0050	0.36	P2	310	DER1C	-0.0170	0.0050	0.36
P2	298	DER1F	0.0050	-0.0180	0.38	P2	306	DER1E	0.0050	0.0180	0.38	P2	310	DER1D	-0.0170	-0.0060	0.37
P2	298	DER1G	-0.0050	0.0180	0.38	P2	306	DER1F	0.0050	-0.0180	0.38	P2	310	DER1E	0.0050	0.0170	0.36
P2	298	DER1H	-0.0050	-0.0180	0.38	P2	306	DER1G	-0.0050	0.0180	0.38	P2	310	DER1F	0.0050	-0.0180	0.38
P2	298	DER2A	0.0120	0.0040	0.26	P2	306	DER1H	-0.0050	-0.0180	0.38	P2	310	DER1G	-0.0050	0.0170	0.36
P2	298	DER2B	0.0120	-0.0040	0.26	P2	306	DER2A	0.0120	0.0040	0.26	P2	310	DER1H	-0.0050	-0.0180	0.38
P2	298	DER2C	-0.0120	0.0040	0.26	P2	306	DER2B	0.0120	-0.0040	0.26	P2	310	DER2A	0.0120	0.0040	0.26
P2	298	DER2D	-0.0120	-0.0040	0.26	P2	306	DER2C	-0.0130	0.0040	0.28	P2	310	DER2B	0.0120	-0.0040	0.26
P2	298	DER2E	0.0040	0.0130	0.28	P2	306	DER2D	-0.0130	-0.0040	0.28	P2	310	DER2C	-0.0130	0.0030	0.27
P2	298	DER2F	0.0040	-0.0140	0.30	P2	306	DER2E	0.0040	0.0130	0.28	P2	310	DER2D	-0.0130	-0.0050	0.28
P2	298	DER2G	-0.0040	0.0130	0.28	P2	306	DER2F	0.0040	-0.0140	0.30	P2	310	DER2E	0.0030	0.0130	0.27
P2	298	DER2H	-0.0040	-0.0140	0.30	P2	306	DER2G	-0.0040	0.0130	0.28	P2	310	DER2F	0.0040	-0.0140	0.30
P2	298	DER3A	0.0170	0.0050	0.36	P2	306	DER2H	-0.0040	-0.0140	0.30	P2	310	DER2G	-0.0040	0.0130	0.28
P2	298	DER3B	0.0160	-0.0050	0.34	P2	306	DER3A	0.0170	0.0050	0.36	P2	310	DER2H	-0.0040	-0.0140	0.30
P2	298	DER3C	-0.0160	0.0050	0.34	P2	306	DER3B	0.0170	-0.0060	0.37	P2	310	DER3A	0.0170	0.0050	0.36
P2	298	DER3D	-0.0160	-0.0060	0.35	P2	306	DER3C	-0.0170	0.0050	0.36	P2	310	DER3B	0.0170	-0.0050	0.36
P2	298	DER3E	0.0050	0.0180	0.38	P2	306	DER3D	-0.0170	-0.0050	0.36	P2	310	DER3C	-0.0170	0.0050	0.36
P2	298	DER3F	0.0050	-0.0180	0.38	P2	306	DER3E	0.0050	0.0180	0.38	P2	310	DER3D	-0.0170	-0.0060	0.37
P2	298	DER3G	-0.0050	0.0180	0.38	P2	306	DER3F	0.0050	-0.0180	0.38	P2	310	DER3E	0.0050	0.0180	0.38

P2	310	DER3F	0.0050	-0.0180	0.38	P2	313	DER3E	0.0050	0.0180	0.38	P2	369	DER3D	-0.0160	-0.0030	0.33
P2	310	DER3G	-0.0050	0.0170	0.36	P2	313	DER3F	0.0050	-0.0180	0.38	P2	369	DER3E	0.0050	0.0100	0.23
P2	310	DER3H	-0.0050	-0.0180	0.38	P2	313	DER3G	-0.0050	0.0170	0.36	P2	369	DER3F	0.0050	-0.0100	0.23
P2	311	DER1A	0.0170	0.0050	0.36	P2	313	DER3H	-0.0050	-0.0180	0.38	P2	369	DER3G	-0.0050	0.0100	0.23
P2	311	DER1B	0.0170	-0.0050	0.36	P2	314	DER1A	0.0170	0.0050	0.36	P2	369	DER3H	-0.0050	-0.0100	0.23
P2	311	DER1C	-0.0170	0.0050	0.36	P2	314	DER1B	0.0160	-0.0050	0.34	P2	370	DER1A	0.0160	0.0030	0.33
P2	311	DER1D	-0.0170	-0.0060	0.37	P2	314	DER1C	-0.0160	0.0050	0.34	P2	370	DER1B	0.0160	-0.0030	0.33
P2	311	DER1E	0.0050	0.0170	0.36	P2	314	DER1D	-0.0160	-0.0060	0.35	P2	370	DER1C	-0.0160	0.0030	0.33
P2	311	DER1F	0.0050	-0.0180	0.38	P2	314	DER1E	0.0050	0.0170	0.36	P2	370	DER1D	-0.0160	-0.0030	0.33
P2	311	DER1G	-0.0050	0.0170	0.36	P2	314	DER1F	0.0050	-0.0180	0.38	P2	370	DER1E	0.0050	0.0100	0.23
P2	311	DER1H	-0.0050	-0.0180	0.38	P2	314	DER1G	-0.0050	0.0170	0.36	P2	370	DER1F	0.0050	-0.0100	0.23
P2	311	DER2A	0.0120	0.0040	0.26	P2	314	DER1H	-0.0050	-0.0180	0.38	P2	370	DER1G	-0.0050	0.0100	0.23
P2	311	DER2B	0.0120	-0.0040	0.26	P2	314	DER2A	0.0120	0.0040	0.26	P2	370	DER1H	-0.0050	-0.0100	0.23
P2	311	DER2C	-0.0130	0.0030	0.27	P2	314	DER2B	0.0120	-0.0040	0.26	P2	370	DER2A	0.0120	0.0020	0.25
P2	311	DER2D	-0.0130	-0.0050	0.28	P2	314	DER2C	-0.0120	0.0030	0.25	P2	370	DER2B	0.0120	-0.0020	0.25
P2	311	DER2E	0.0040	0.0130	0.28	P2	314	DER2D	-0.0120	-0.0050	0.26	P2	370	DER2C	-0.0120	0.0020	0.25
P2	311	DER2F	0.0040	-0.0140	0.30	P2	314	DER2E	0.0040	0.0130	0.28	P2	370	DER2D	-0.0120	-0.0020	0.25
P2	311	DER2G	-0.0040	0.0130	0.28	P2	314	DER2F	0.0040	-0.0140	0.30	P2	370	DER2E	0.0040	0.0080	0.18
P2	311	DER2H	-0.0040	-0.0140	0.30	P2	314	DER2G	-0.0030	0.0130	0.27	P2	370	DER2F	0.0040	-0.0080	0.18
P2	311	DER3A	0.0170	0.0050	0.36	P2	314	DER2H	-0.0040	-0.0140	0.30	P2	370	DER2G	-0.0040	0.0080	0.18
P2	311	DER3B	0.0170	-0.0050	0.36	P2	314	DER3A	0.0160	0.0050	0.34	P2	370	DER2H	-0.0040	-0.0070	0.16
P2	311	DER3C	-0.0170	0.0050	0.36	P2	314	DER3B	0.0160	-0.0050	0.34	P2	370	DER3A	0.0160	0.0030	0.33
P2	311	DER3D	-0.0170	-0.0060	0.37	P2	314	DER3C	-0.0160	0.0050	0.34	P2	370	DER3B	0.0160	-0.0030	0.33
P2	311	DER3E	0.0050	0.0180	0.38	P2	314	DER3D	-0.0160	-0.0060	0.35	P2	370	DER3C	-0.0160	0.0030	0.33
P2	311	DER3F	0.0050	-0.0180	0.38	P2	314	DER3E	0.0050	0.0180	0.38	P2	370	DER3D	-0.0160	-0.0030	0.33
P2	311	DER3G	-0.0050	0.0170	0.36	P2	314	DER3F	0.0050	-0.0180	0.38	P2	370	DER3E	0.0050	0.0100	0.23
P2	311	DER3H	-0.0050	-0.0180	0.38	P2	314	DER3G	-0.0050	0.0170	0.36	P2	370	DER3F	0.0050	-0.0100	0.23
P2	312	DER1A	0.0170	0.0050	0.36	P2	314	DER3H	-0.0050	-0.0180	0.38	P2	370	DER3G	-0.0050	0.0100	0.23
P2	312	DER1B	0.0170	-0.0050	0.36	P2	368	DER1A	0.0160	0.0030	0.33	P2	370	DER3H	-0.0050	-0.0100	0.23
P2	312	DER1C	-0.0170	0.0050	0.36	P2	368	DER1B	0.0160	-0.0030	0.33	P2	371	DER1A	0.0170	0.0030	0.35
P2	312	DER1D	-0.0170	-0.0060	0.37	P2	368	DER1C	-0.0160	0.0030	0.33	P2	371	DER1B	0.0170	-0.0030	0.35
P2	312	DER1E	0.0050	0.0170	0.36	P2	368	DER1D	-0.0160	-0.0030	0.33	P2	371	DER1C	-0.0170	0.0030	0.35
P2	312	DER1F	0.0050	-0.0180	0.38	P2	368	DER1E	0.0050	0.0100	0.23	P2	371	DER1D	-0.0170	-0.0030	0.35
P2	312	DER1G	-0.0050	0.0170	0.36	P2	368	DER1F	0.0050	-0.0100	0.23	P2	371	DER1E	0.0050	0.0100	0.23
P2	312	DER1H	-0.0050	-0.0180	0.38	P2	368	DER1G	-0.0050	0.0100	0.23	P2	371	DER1F	0.0050	-0.0100	0.23
P2	312	DER2A	0.0120	0.0040	0.26	P2	368	DER1H	-0.0050	-0.0100	0.23	P2	371	DER1G	-0.0050	0.0100	0.23
P2	312	DER2B	0.0120	-0.0040	0.26	P2	368	DER2A	0.0120	0.0020	0.25	P2	371	DER1H	-0.0050	-0.0100	0.23
P2	312	DER2C	-0.0130	0.0030	0.27	P2	368	DER2B	0.0120	-0.0020	0.25	P2	371	DER2A	0.0120	0.0020	0.25
P2	312	DER2D	-0.0130	-0.0050	0.28	P2	368	DER2C	-0.0120	0.0020	0.25	P2	371	DER2B	0.0120	-0.0020	0.25
P2	312	DER2E	0.0040	0.0130	0.28	P2	368	DER2D	-0.0120	-0.0020	0.25	P2	371	DER2C	-0.0130	0.0020	0.27
P2	312	DER2F	0.0040	-0.0140	0.30	P2	368	DER2E	0.0040	0.0070	0.16	P2	371	DER2D	-0.0130	-0.0020	0.27
P2	312	DER2G	-0.0040	0.0130	0.28	P2	368	DER2F	0.0040	-0.0080	0.18	P2	371	DER2E	0.0040	0.0080	0.18
P2	312	DER2H	-0.0040	-0.0140	0.30	P2	368	DER2G	-0.0030	0.0080	0.17	P2	371	DER2F	0.0040	-0.0080	0.18
P2	312	DER3A	0.0170	0.0050	0.36	P2	368	DER2H	-0.0040	-0.0070	0.16	P2	371	DER2G	-0.0040	0.0080	0.18
P2	312	DER3B	0.0170	-0.0050	0.36	P2	368	DER3A	0.0160	0.0030	0.33	P2	371	DER2H	-0.0040	-0.0070	0.16
P2	312	DER3C	-0.0170	0.0050	0.36	P2	368	DER3B	0.0160	-0.0030	0.33	P2	371	DER3A	0.0170	0.0030	0.35
P2	312	DER3D	-0.0170	-0.0060	0.37	P2	368	DER3C	-0.0160	0.0030	0.33	P2	371	DER3B	0.0170	-0.0030	0.35
P2	312	DER3E	0.0050	0.0180	0.38	P2	368	DER3D	-0.0160	-0.0030	0.33	P2	371	DER3C	-0.0170	0.0030	0.35
P2	312	DER3F	0.0050	-0.0180	0.38	P2	368	DER3E	0.0050	0.0100	0.23	P2	371	DER3D	-0.0170	-0.0030	0.35
P2	312	DER3G	-0.0050	0.0170	0.36	P2	368	DER3F	0.0050	-0.0100	0.23	P2	371	DER3E	0.0050	0.0100	0.23
P2	312	DER3H	-0.0050	-0.0180	0.38	P2	368	DER3G	-0.0050	0.0100	0.23	P2	371	DER3F	0.0050	-0.0100	0.23
P2	313	DER1A	0.0170	0.0050	0.36	P2	368	DER3H	-0.0050	-0.0100	0.23	P2	371	DER3G	-0.0050	0.0100	0.23
P2	313	DER1B	0.0160	-0.0050	0.34	P2	369	DER1A	0.0170	0.0030	0.35	P2	371	DER3H	-0.0050	-0.0100	0.23
P2	313	DER1C	-0.0160	0.0050	0.34	P2	369	DER1B	0.0160	-0.0030	0.33						
P2	313	DER1D	-0.0160	-0.0060	0.35	P2	369	DER1C	-0.0160	0.0030	0.33						
P2	313	DER1E	0.0050	0.0170	0.36	P2	369	DER1D	-0.0160	-0.0030	0.33						
P2	313	DER1F	0.0050	-0.0180	0.38	P2	369	DER1E	0.0050	0.0100	0.23						
P2	313	DER1G	-0.0050	0.0170	0.36	P2	369	DER1F	0.0050	-0.0100	0.23						
P2	313	DER1H	-0.0050	-0.0180	0.38	P2	369	DER1G	-0.0050	0.0100	0.23						
P2	313	DER2A	0.0120	0.0040	0.26	P2	369	DER1H	-0.0050	-0.0100	0.23						
P2	313	DER2B	0.0120	-0.0040	0.26	P2	369	DER2A	0.0120	0.0020	0.25						
P2	313	DER2C	-0.0120	0.0030	0.25	P2	369	DER2B	0.0120	-0.0020	0.25						
P2	313	DER2D	-0.0120	-0.0050	0.26	P2	369	DER2C	-0.0120	0.0020	0.25						
P2	313	DER2E	0.0040	0.0130	0.28	P2	369	DER2D	-0.0120	-0.0020	0.25						
P2	313	DER2F	0.0040	-0.0140	0.30	P2	369	DER2E	0.0040	0.0070	0.16						
P2	313	DER2G	-0.0040	0.0130	0.28	P2	369	DER2F	0.0040	-0.0080	0.18						
P2	313	DER2H	-0.0040	-0.0140	0.30	P2	369	DER2G	-0.0030	0.0080	0.17						
P2	313	DER3A	0.0170	0.0050	0.36	P2	369	DER2H	-0.0040	-0.0070	0.16						
P2	313	DER3B	0.0160	-0.0050	0.34	P2	369	DER3A	0.0160	0.0030	0.33						
P2	313	DER3C	-0.0160	0.0050	0.34	P2	369	DER3B	0.0160	-0.0030	0.33						
P2	313	DER3D	-0.0160	-0.0060	0.35	P2	369	DER3C	-0.0160	0.0030	0.33						

2.4 DESPLAZAMIENTO DE NUDOS Y VERIFICACIÓN DE DERIVAS UMBRAL DE DAÑO

EVALUACIÓN DEL UMBRAL DE DAÑO BLOQUE D

Der=0.13

DerPerm=0.40

NOMBRE	N PISO	H piso (m)
BASE	1	
P2	2	3.45
CUB	3	3.35

Story	Point	Load		UX (m)	UY (m)
	DER				
CUB	295	DER1A	0.0070	0.0020	0.09
CUB	295	DER1B	0.0070	-0.0030	0.09
CUB	295	DER1C	-0.0090	0.0020	0.11
CUB	295	DER1D	-0.0090	-0.0030	0.11
CUB	295	DER1E	0.0010	0.0080	0.10
CUB	295	DER1F	0.0020	-0.0090	0.11
CUB	295	DER1G	-0.0040	0.0080	0.12
CUB	295	DER1H	-0.0030	-0.0090	0.11
CUB	295	DER2A	0.0050	0.0010	0.06
CUB	295	DER2B	0.0050	-0.0030	0.08
CUB	295	DER2C	-0.0070	0.0010	0.08
CUB	295	DER2D	-0.0070	-0.0030	0.09
CUB	295	DER2E	0.0004	0.0050	0.06
CUB	295	DER2F	0.0010	-0.0070	0.08
CUB	295	DER2G	-0.0030	0.0050	0.08
CUB	295	DER2H	-0.0030	-0.0070	0.09
CUB	295	DER3A	0.0080	0.0020	0.09
CUB	295	DER3B	0.0080	-0.0030	0.11
CUB	295	DER3C	-0.0090	0.0020	0.11
CUB	295	DER3D	-0.0090	-0.0030	0.11
CUB	295	DER3E	0.0020	0.0080	0.09
CUB	295	DER3F	0.0020	-0.0090	0.11
CUB	295	DER3G	-0.0030	0.0080	0.09
CUB	295	DER3H	-0.0030	-0.0090	0.11
CUB	296	DER1A	0.0080	0.0020	0.09
CUB	296	DER1B	0.0080	-0.0030	0.11
CUB	296	DER1C	-0.0090	0.0020	0.11
CUB	296	DER1D	-0.0090	-0.0030	0.11
CUB	296	DER1E	0.0020	0.0080	0.11
CUB	296	DER1F	0.0020	-0.0090	0.11
CUB	296	DER1G	-0.0030	0.0080	0.11
CUB	296	DER1H	-0.0030	-0.0090	0.11
CUB	296	DER2A	0.0050	0.0010	0.04
CUB	296	DER2B	0.0050	-0.0030	0.06
CUB	296	DER2C	-0.0070	0.0010	0.08
CUB	296	DER2D	-0.0070	-0.0030	0.09
CUB	296	DER2E	0.0010	0.0060	0.08

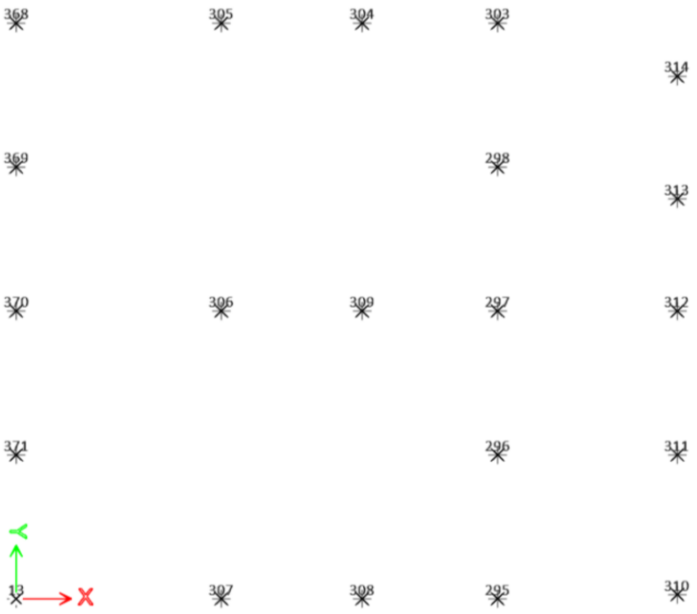
CUB	296	DER2F	0.0010	-0.0070	0.08	CUB	304	DER2E	0.0030	0.0060	0.08	CUB	308	DER2D	-0.0070	-0.0020	0.09
CUB	296	DER2G	-0.0030	0.0050	0.08	CUB	304	DER2F	0.0020	-0.0070	0.09	CUB	308	DER2E	0.0004	0.0060	0.06
CUB	296	DER2H	-0.0030	-0.0070	0.09	CUB	304	DER2G	-0.0010	0.0060	0.06	CUB	308	DER2F	0.0010	-0.0070	0.08
CUB	296	DER3A	0.0080	0.0020	0.09	CUB	304	DER2H	-0.0020	-0.0070	0.09	CUB	308	DER2G	-0.0030	0.0060	0.08
CUB	296	DER3B	0.0080	-0.0030	0.09	CUB	304	DER3A	0.0090	0.0020	0.11	CUB	308	DER2H	-0.0030	-0.0070	0.09
CUB	296	DER3C	-0.0090	0.0020	0.11	CUB	304	DER3B	0.0080	-0.0030	0.09	CUB	308	DER3A	0.0080	0.0030	0.09
CUB	296	DER3D	-0.0090	-0.0030	0.11	CUB	304	DER3C	-0.0080	0.0020	0.11	CUB	308	DER3B	0.0080	-0.0030	0.11
CUB	296	DER3E	0.0020	0.0080	0.09	CUB	304	DER3D	-0.0080	-0.0030	0.11	CUB	308	DER3C	-0.0090	0.0030	0.11
CUB	296	DER3F	0.0020	-0.0090	0.11	CUB	304	DER3E	0.0030	0.0090	0.11	CUB	308	DER3D	-0.0090	-0.0030	0.11
CUB	296	DER3G	-0.0030	0.0080	0.09	CUB	304	DER3F	0.0020	-0.0090	0.11	CUB	308	DER3E	0.0020	0.0090	0.11
CUB	296	DER3H	-0.0030	-0.0090	0.11	CUB	304	DER3G	-0.0020	0.0090	0.11	CUB	308	DER3F	0.0020	-0.0090	0.11
CUB	297	DER1A	0.0080	0.0020	0.09	CUB	304	DER3H	-0.0030	-0.0090	0.11	CUB	308	DER3G	-0.0030	0.0090	0.11
CUB	297	DER1B	0.0080	-0.0030	0.09	CUB	305	DER1A	0.0090	0.0030	0.11	CUB	308	DER3H	-0.0030	-0.0090	0.11
CUB	297	DER1C	-0.0090	0.0020	0.13	CUB	305	DER1B	0.0090	-0.0030	0.11	CUB	309	DER1A	0.0080	0.0020	0.09
CUB	297	DER1D	-0.0090	-0.0030	0.13	CUB	305	DER1C	-0.0070	0.0030	0.09	CUB	309	DER1B	0.0080	-0.0030	0.09
CUB	297	DER1E	0.0020	0.0080	0.11	CUB	305	DER1D	-0.0080	-0.0030	0.11	CUB	309	DER1C	-0.0090	0.0020	0.13
CUB	297	DER1F	0.0020	-0.0090	0.11	CUB	305	DER1E	0.0040	0.0090	0.12	CUB	309	DER1D	-0.0090	-0.0030	0.13
CUB	297	DER1G	-0.0030	0.0080	0.11	CUB	305	DER1F	0.0030	-0.0100	0.13	CUB	309	DER1E	0.0020	0.0090	0.11
CUB	297	DER1H	-0.0030	-0.0090	0.11	CUB	305	DER1G	-0.0010	0.0090	0.10	CUB	309	DER1F	0.0020	-0.0090	0.11
CUB	297	DER2A	0.0060	0.0010	0.06	CUB	305	DER1H	-0.0020	-0.0100	0.13	CUB	309	DER1G	-0.0030	0.0090	0.11
CUB	297	DER2B	0.0060	-0.0030	0.08	CUB	305	DER2A	0.0070	0.0020	0.09	CUB	309	DER1H	-0.0030	-0.0090	0.11
CUB	297	DER2C	-0.0070	0.0010	0.08	CUB	305	DER2B	0.0070	-0.0020	0.09	CUB	309	DER2A	0.0060	0.0020	0.07
CUB	297	DER2D	-0.0070	-0.0030	0.09	CUB	305	DER2C	-0.0050	0.0020	0.07	CUB	309	DER2B	0.0060	-0.0020	0.07
CUB	297	DER2E	0.0010	0.0060	0.08	CUB	305	DER2D	-0.0060	-0.0020	0.09	CUB	309	DER2C	-0.0070	0.0020	0.09
CUB	297	DER2F	0.0010	-0.0070	0.08	CUB	305	DER2E	0.0030	0.0070	0.09	CUB	309	DER2D	-0.0070	-0.0030	0.09
CUB	297	DER2G	-0.0020	0.0050	0.07	CUB	305	DER2F	0.0020	-0.0070	0.09	CUB	309	DER2E	0.0010	0.0060	0.06
CUB	297	DER2H	-0.0030	-0.0070	0.09	CUB	305	DER2G	-0.0010	0.0070	0.08	CUB	309	DER2F	0.0010	-0.0070	0.08
CUB	297	DER3A	0.0080	0.0020	0.09	CUB	305	DER2H	-0.0020	-0.0070	0.09	CUB	309	DER2G	-0.0020	0.0060	0.07
CUB	297	DER3B	0.0080	-0.0030	0.09	CUB	305	DER3A	0.0090	0.0030	0.11	CUB	309	DER2H	-0.0030	-0.0070	0.09
CUB	297	DER3C	-0.0090	0.0020	0.13	CUB	305	DER3B	0.0080	-0.0030	0.09	CUB	309	DER3A	0.0080	0.0030	0.09
CUB	297	DER3D	-0.0090	-0.0030	0.13	CUB	305	DER3C	-0.0080	0.0030	0.11	CUB	309	DER3B	0.0080	-0.0030	0.09
CUB	297	DER3E	0.0020	0.0080	0.09	CUB	305	DER3D	-0.0080	-0.0030	0.11	CUB	309	DER3C	-0.0090	0.0020	0.13
CUB	297	DER3F	0.0020	-0.0090	0.11	CUB	305	DER3E	0.0030	0.0090	0.11	CUB	309	DER3D	-0.0090	-0.0030	0.13
CUB	297	DER3G	-0.0030	0.0080	0.09	CUB	305	DER3F	0.0020	-0.0090	0.11	CUB	309	DER3E	0.0020	0.0090	0.11
CUB	297	DER3H	-0.0030	-0.0090	0.11	CUB	305	DER3G	-0.0020	0.0090	0.11	CUB	309	DER3F	0.0020	-0.0090	0.11
CUB	298	DER1A	0.0080	0.0020	0.09	CUB	305	DER3H	-0.0030	-0.0090	0.11	CUB	309	DER3G	-0.0030	0.0090	0.11
CUB	298	DER1B	0.0080	-0.0030	0.09	CUB	306	DER1A	0.0080	0.0030	0.09	CUB	309	DER3H	-0.0030	-0.0090	0.11
CUB	298	DER1C	-0.0090	0.0020	0.13	CUB	306	DER1B	0.0080	-0.0030	0.09	CUB	310	DER1A	0.0070	0.0020	0.09
CUB	298	DER1D	-0.0090	-0.0030	0.13	CUB	306	DER1C	-0.0090	0.0030	0.13	CUB	310	DER1B	0.0070	-0.0030	0.09
CUB	298	DER1E	0.0030	0.0080	0.11	CUB	306	DER1D	-0.0090	-0.0030	0.13	CUB	310	DER1C	-0.0090	0.0020	0.11
CUB	298	DER1F	0.0020	-0.0090	0.11	CUB	306	DER1E	0.0020	0.0090	0.11	CUB	310	DER1D	-0.0090	-0.0030	0.11
CUB	298	DER1G	-0.0020	0.0080	0.11	CUB	306	DER1F	0.0020	-0.0090	0.11	CUB	310	DER1E	0.0010	0.0070	0.08
CUB	298	DER1H	-0.0030	-0.0090	0.11	CUB	306	DER1G	-0.0030	0.0090	0.11	CUB	310	DER1F	0.0020	-0.0090	0.11
CUB	298	DER2A	0.0060	0.0010	0.06	CUB	306	DER1H	-0.0030	-0.0090	0.11	CUB	310	DER1G	-0.0040	0.0070	0.10
CUB	298	DER2B	0.0060	-0.0030	0.08	CUB	306	DER2A	0.0060	0.0020	0.07	CUB	310	DER1H	-0.0030	-0.0090	0.11
CUB	298	DER2C	-0.0070	0.0010	0.08	CUB	306	DER2B	0.0060	-0.0020	0.07	CUB	310	DER2A	0.0050	0.0010	0.06
CUB	298	DER2D	-0.0070	-0.0030	0.09	CUB	306	DER2C	-0.0070	0.0020	0.09	CUB	310	DER2B	0.0050	-0.0030	0.08
CUB	298	DER2E	0.0020	0.0060	0.09	CUB	306	DER2D	-0.0070	-0.0020	0.09	CUB	310	DER2C	-0.0070	0.0010	0.08
CUB	298	DER2F	0.0010	-0.0070	0.08	CUB	306	DER2E	0.0010	0.0070	0.08	CUB	310	DER2D	-0.0070	-0.0030	0.09
CUB	298	DER2G	-0.0020	0.0050	0.07	CUB	306	DER2F	0.0010	-0.0070	0.08	CUB	310	DER2E	0.0004	0.0050	0.06
CUB	298	DER2H	-0.0030	-0.0070	0.09	CUB	306	DER2G	-0.0020	0.0070	0.09	CUB	310	DER2F	0.0010	-0.0070	0.08
CUB	298	DER3A	0.0080	0.0020	0.09	CUB	306	DER2H	-0.0030	-0.0070	0.09	CUB	310	DER2G	-0.0030	0.0050	0.08
CUB	298	DER3B	0.0080	-0.0030	0.09	CUB	306	DER3A	0.0080	0.0030	0.09	CUB	310	DER2H	-0.0030	-0.0070	0.09
CUB	298	DER3C	-0.0080	0.0020	0.11	CUB	306	DER3B	0.0080	-0.0030	0.09	CUB	310	DER3A	0.0080	0.0020	0.09
CUB	298	DER3D	-0.0090	-0.0030	0.13	CUB	306	DER3C	-0.0090	0.0030	0.13	CUB	310	DER3B	0.0080	-0.0030	0.11
CUB	298	DER3E	0.0030	0.0080	0.09	CUB	306	DER3D	-0.0090	-0.0030	0.13	CUB	310	DER3C	-0.0090	0.0020	0.11
CUB	298	DER3F	0.0020	-0.0090	0.11	CUB	306	DER3E	0.0020	0.0090	0.11	CUB	310	DER3D	-0.0090	-0.0030	0.11
CUB	298	DER3G	-0.0020	0.0080	0.09	CUB	306	DER3F	0.0020	-0.0090	0.11	CUB	310	DER3E	0.0020	0.0080	0.09
CUB	298	DER3H	-0.0030	-0.0090	0.11	CUB	306	DER3G	-0.0030	0.0090	0.11	CUB	310	DER3F	0.0020	-0.0080	0.09
CUB	303	DER1A	0.0090	0.0020	0.11	CUB	306	DER3H	-0.0030	-0.0090	0.11	CUB	310	DER3G	-0.0030	0.0080	0.11
CUB	303	DER1B	0.0090	-0.0030	0.11	CUB	307	DER1A	0.0070	0.0030	0.09	CUB	310	DER3H	-0.0030	-0.0080	0.09
CUB	303	DER1C	-0.0070	0.0020	0.09	CUB	307	DER1B	0.0070	-0.0030	0.09	CUB	311	DER1A	0.0070	0.0020	0.07
CUB	303	DER1D	-0.0080	-0.0030	0.11	CUB	307	DER1C	-0.0090	0.0030	0.11	CUB	311	DER1B	0.0080	-0.0030	0.11
CUB	303	DER1E	0.0040	0.0080	0.12	CUB	307	DER1D	-0.0090	-0.0030	0.11	CUB	311	DER1C	-0.0090	0.0020	0.11
CUB	303	DER1F	0.0030	-0.0090	0.11	CUB	307	DER1E	0.0010	0.0100	0.13	CUB	311	DER1D	-0.0090	-0.0030	0.11
CUB	303	DER1G	-0.0010	0.0080	0.10	CUB	307	DER1F	0.0020	-0.0090	0.11	CUB	311	DER1E	0.0020	0.0070	0.09
CUB	303	DER1H	-0.0020	-0.0090	0.11	CUB	307	DER1G	-0.0040	0.0090	0.12	CUB	311	DER1F	0.0020	-0.0090	0.11
CUB	303	DER2A	0.0070	0.0010	0.08	CUB	307	DER1H	-0.0030	-0.0090	0.11	CUB	311	DER1G	-0.0030	0.0070	0.09
CUB	303	DER2B	0.0070	-0.0030	0.09	CUB	307	DER2A	0.0050	0.0020	0.07	CUB	311	DER1H	-0.0030	-0.0090	0.11
CUB	303	DER2C	-0.0050	0.0010	0.06	CUB	307	DER2B	0.0050	-0.0020	0.07	CUB	311	DER2A	0.0050	0.0010	0.04
CUB	303	DER2D	-0.0060	-0.0030	0.09	CUB	307	DER2C	-0.0070	0.0020	0.09	CUB	311	DER2B	0.0050	-0.0030	0.06
CUB	303	DER2E	0.0030	0.0050	0.08	CUB	307	DER2D	-0.0070	-0.0020	0.09	CUB	311	DER2C	-0.0070	0.0010	0.08
CUB	303	DER2F	0.0020	-0.0070	0.09	CUB	307	DER2E	0.0004	0.0070	0.08	CUB	311	DER2D	-0.0070	-0.0030	0.09
CUB	303	DER2G	-0.0010	0.0050	0.06	CUB	307	DER2F	0.0010	-0.0070	0.08	CUB	311	DER2E	0.0010	0.0050	0.06
CUB	303	DER2H	-0.0020	-0.0070	0.09	CUB	307	DER2G	-0.0030	0.0070	0.09	CUB	311	DER2F	0.0010	-0.0070	0.08
CUB	303	DER3A	0.0090	0.0020	0.11	CUB	307	DER2H	-0.0030	-0.0070	0.09	CUB	311	DER2G	-0.0030	0.0050	0.08
CUB	303	DER3B	0.0080	-0.0030	0.09	CUB	307	DER3A	0.0080	0.0030	0.09	CUB	311	DER2H	-0.0030	-0.0070	0.09
CUB	303	DER3C	-0.0080	0.0020	0.11	CUB	307	DER3B	0.0080	-0.0030	0.11	CUB	311	DER3A	0.0080	0.0020	0.09
CUB	303	DER3D	-0.0080	-0.0030	0.11	CUB	307	DER3C	-0.0090	0.0030	0.11	CUB	311	DER3B	0.0080	-0.0030	0.09
CUB	303	DER3E	0.0030	0.0080	0.09	CUB	307	DER3D	-0.0090	-0.0030	0.11	CUB	311	DER3C	-0.0090	0.0020	0.11
CUB	303	DER3F	0.0020	-0.0090	0.11	CUB	307	DER3E	0.0020	0.0090	0.11	CUB	311	DER3D	-0.0090	-0.0030	0.11
CUB	303	DER3G	-0.0020	0.0080	0.09	CUB	307	DER3F	0.0020	-0.0090	0.11	CUB	311	DER3E	0.0020	0.0080	0.09
CUB	303	DER3H	-0.0030	-0.0090	0.11	CUB	307	DER3G	-0.0030	0.0090	0.11	CUB	311	DER3F	0.0020	-0.0080	0.09
CUB	304	DER1A	0.0090	0.0020	0.11	CUB	307	DER3H	-0.0030	-0.0090	0.11	CUB	311	DER3G	-0.0030	0.0080	0.11
CUB	304	DER1B	0.0090	-0.0030	0.11	CUB	308	DER1A	0.0070	0.0020	0.09	CUB	311	DER3H	-0.0030	-0.0080	0.09
CUB	304	DER1C	-0.0070	0.0020	0.09	CUB	308	DER1B	0.0070	-0.0030	0.09	CUB	312	DER1A	0.0080	0.0020	0.09
CUB	304	DER1D	-0.0080	-0.0030	0.11	CUB	308	DER1C	-0.0090	0.0020	0.11	CUB	312	DER1B	0.0080	-0.0030	0.09
CUB	304	DER1E	0.0040	0.0090	0.12	CUB	308	DER1D	-0.0090	-0.0030	0.11	CUB	312	DER1C	-0.0090	0.0020	0.13
CUB	304	DER1F	0.0030	-0.0090	0.11	CUB	308	DER1E	0.0010	0.0090	0.10	CUB	312	DER1D	-0.0090	-0.0030	0.13
CUB	304	DER1G	-0.0010	0.0080	0.08	CUB	308	DER1F	0.0020	-0.0090	0.11	CUB	312	DER1E	0.0020	0.0070	0.09
CUB	304	DER1H	-0.0020	-0.0090	0.11	CUB	308	DER1G	-0.0040	0.0090	0.12	CUB	312	DER1F	0.0020	-0.0090	0.11
CUB	304	DER2A	0.0070	0.0010	0.08	CUB	308	DER1H	-0.0030	-0.0090	0.11	CUB	312	DER1G	-0.0030	0.0070	0.09
CUB	304	DER2B	0.0070	-0.0030	0.09	CUB	308	DER2A	0.0050	0.0020	0.07	CUB	312	DER1H	-0.0030	-0.0090	0.11
CUB	304	DER2C	-0.0050	0.0010	0.06	CUB	308	DER2B	0.0050	-0.0020	0.07	CUB	312	DER2A	0.0060	0.0010	0.06
CUB	304	DER2D	-0.0060	-0.0030	0.09	CUB	308	DER2C	-0.0070	0.0020	0.09	CUB	312	DER2B	0.0060	-0.0030	0.08

CUB	312	DER2C	-0.0070	0.0010	0.08	P2	296	DER2B	0.0030	-0.0010	0.06	P2	304	DER2A	0.0030	0.0010	0.06
CUB	312	DER2D	-0.0070	-0.0030	0.09	P2	296	DER2C	-0.0030	0.0010	0.06	P2	304	DER2B	0.0030	-0.0010	0.06
CUB	312	DER2E	0.0010	0.0050	0.06	P2	296	DER2D	-0.0030	-0.0010	0.06	P2	304	DER2C	-0.0020	0.0010	0.05
CUB	312	DER2F	0.0010	-0.0070	0.08	P2	296	DER2E	0.0010	0.0020	0.05	P2	304	DER2D	-0.0020	-0.0010	0.05
CUB	312	DER2G	-0.0020	0.0050	0.07	P2	296	DER2F	0.0010	-0.0030	0.06	P2	304	DER2E	0.0010	0.0030	0.06
CUB	312	DER2H	-0.0030	-0.0070	0.09	P2	296	DER2G	-0.0010	0.0020	0.05	P2	304	DER2F	0.0010	-0.0030	0.06
CUB	312	DER3A	0.0080	0.0020	0.09	P2	296	DER2H	-0.0010	-0.0030	0.06	P2	304	DER2G	-0.0010	0.0030	0.06
CUB	312	DER3B	0.0080	-0.0030	0.09	P2	296	DER3A	0.0040	0.0010	0.08	P2	304	DER2H	-0.0010	-0.0030	0.06
CUB	312	DER3C	-0.0090	0.0020	0.13	P2	296	DER3B	0.0040	-0.0010	0.08	P2	304	DER3A	0.0040	0.0010	0.08
CUB	312	DER3D	-0.0090	-0.0030	0.13	P2	296	DER3C	-0.0040	0.0010	0.08	P2	304	DER3B	0.0040	-0.0010	0.08
CUB	312	DER3E	0.0020	0.0080	0.09	P2	296	DER3D	-0.0040	-0.0010	0.08	P2	304	DER3C	-0.0030	0.0010	0.06
CUB	312	DER3F	0.0020	-0.0080	0.09	P2	296	DER3E	0.0010	0.0040	0.08	P2	304	DER3D	-0.0030	-0.0010	0.06
CUB	312	DER3G	-0.0030	0.0080	0.11	P2	296	DER3F	0.0010	-0.0040	0.08	P2	304	DER3E	0.0010	0.0040	0.08
CUB	312	DER3H	-0.0030	-0.0080	0.09	P2	296	DER3G	-0.0010	0.0040	0.08	P2	304	DER3F	0.0010	-0.0040	0.08
CUB	313	DER1A	0.0080	0.0020	0.09	P2	296	DER3H	-0.0010	-0.0040	0.08	P2	304	DER3G	-0.0010	0.0040	0.08
CUB	313	DER1B	0.0080	-0.0030	0.09	P2	297	DER1A	0.0040	0.0010	0.08	P2	304	DER3H	-0.0010	-0.0040	0.08
CUB	313	DER1C	-0.0080	0.0020	0.11	P2	297	DER1B	0.0040	-0.0010	0.08	P2	305	DER1A	0.0040	0.0010	0.08
CUB	313	DER1D	-0.0080	-0.0030	0.11	P2	297	DER1C	-0.0030	0.0010	0.06	P2	305	DER1B	0.0040	-0.0010	0.08
CUB	313	DER1E	0.0030	0.0070	0.09	P2	297	DER1D	-0.0030	-0.0010	0.06	P2	305	DER1C	-0.0030	0.0010	0.06
CUB	313	DER1F	0.0020	-0.0090	0.11	P2	297	DER1E	0.0010	0.0030	0.06	P2	305	DER1D	-0.0030	-0.0010	0.06
CUB	313	DER1G	-0.0020	0.0070	0.09	P2	297	DER1F	0.0010	-0.0040	0.08	P2	305	DER1E	0.0010	0.0040	0.08
CUB	313	DER1H	-0.0030	-0.0090	0.11	P2	297	DER1G	-0.0010	0.0030	0.06	P2	305	DER1F	0.0010	-0.0040	0.08
CUB	313	DER2A	0.0060	0.0010	0.06	P2	297	DER1H	-0.0010	-0.0040	0.08	P2	305	DER1G	-0.0010	0.0040	0.08
CUB	313	DER2B	0.0060	-0.0030	0.08	P2	297	DER2A	0.0030	0.0010	0.06	P2	305	DER1H	-0.0010	-0.0040	0.08
CUB	313	DER2C	-0.0060	0.0010	0.06	P2	297	DER2B	0.0030	-0.0010	0.06	P2	305	DER2A	0.0030	0.0010	0.06
CUB	313	DER2D	-0.0070	-0.0030	0.09	P2	297	DER2C	-0.0030	0.0010	0.06	P2	305	DER2B	0.0030	-0.0010	0.06
CUB	313	DER2E	0.0020	0.0050	0.07	P2	297	DER2D	-0.0030	-0.0010	0.06	P2	305	DER2C	-0.0020	0.0010	0.05
CUB	313	DER2F	0.0020	-0.0070	0.09	P2	297	DER2E	0.0010	0.0020	0.05	P2	305	DER2D	-0.0020	-0.0010	0.05
CUB	313	DER2G	-0.0020	0.0050	0.07	P2	297	DER2F	0.0010	-0.0030	0.06	P2	305	DER2E	0.0010	0.0030	0.06
CUB	313	DER2H	-0.0020	-0.0070	0.09	P2	297	DER2G	-0.0010	0.0020	0.05	P2	305	DER2F	0.0010	-0.0030	0.06
CUB	313	DER3A	0.0080	0.0020	0.09	P2	297	DER2H	-0.0010	-0.0030	0.06	P2	305	DER2G	-0.0010	0.0030	0.06
CUB	313	DER3B	0.0080	-0.0030	0.09	P2	297	DER3A	0.0040	0.0010	0.08	P2	305	DER2H	-0.0010	-0.0030	0.06
CUB	313	DER3C	-0.0080	0.0020	0.11	P2	297	DER3B	0.0040	-0.0010	0.08	P2	305	DER3A	0.0040	0.0010	0.08
CUB	313	DER3D	-0.0080	-0.0030	0.11	P2	297	DER3C	-0.0030	0.0010	0.06	P2	305	DER3B	0.0040	-0.0010	0.08
CUB	313	DER3E	0.0030	0.0080	0.09	P2	297	DER3D	-0.0030	-0.0010	0.06	P2	305	DER3C	-0.0030	0.0010	0.06
CUB	313	DER3F	0.0020	-0.0080	0.09	P2	297	DER3E	0.0010	0.0040	0.08	P2	305	DER3D	-0.0030	-0.0010	0.06
CUB	313	DER3G	-0.0020	0.0080	0.11	P2	297	DER3F	0.0010	-0.0040	0.08	P2	305	DER3E	0.0010	0.0040	0.08
CUB	313	DER3H	-0.0030	-0.0080	0.09	P2	297	DER3G	-0.0010	0.0040	0.08	P2	305	DER3F	0.0010	-0.0040	0.08
P2	13	DER1A	0.0030	0.0010	0.06	P2	297	DER3H	-0.0010	-0.0040	0.08	P2	305	DER3G	-0.0010	0.0040	0.08
P2	13	DER1B	0.0030	-0.0010	0.06	P2	298	DER1A	0.0040	0.0010	0.08	P2	305	DER3H	-0.0010	-0.0040	0.08
P2	13	DER1C	-0.0040	0.0010	0.08	P2	298	DER1B	0.0040	-0.0010	0.08	P2	306	DER1A	0.0040	0.0010	0.08
P2	13	DER1D	-0.0040	-0.0010	0.08	P2	298	DER1C	-0.0030	0.0010	0.06	P2	306	DER1B	0.0040	-0.0010	0.08
P2	13	DER1E	0.0010	0.0020	0.05	P2	298	DER1D	-0.0030	-0.0010	0.06	P2	306	DER1C	-0.0030	0.0010	0.06
P2	13	DER1F	0.0010	-0.0020	0.05	P2	298	DER1E	0.0010	0.0030	0.06	P2	306	DER1D	-0.0030	-0.0010	0.06
P2	13	DER1G	-0.0010	0.0020	0.05	P2	298	DER1F	0.0010	-0.0040	0.08	P2	306	DER1E	0.0010	0.0040	0.08
P2	13	DER1H	-0.0010	-0.0020	0.05	P2	298	DER1G	-0.0010	0.0030	0.06	P2	306	DER1F	0.0010	-0.0040	0.08
P2	13	DER2A	0.0030	0.0005	0.06	P2	298	DER1H	-0.0010	-0.0040	0.08	P2	306	DER1G	-0.0010	0.0040	0.08
P2	13	DER2B	0.0020	-0.0005	0.04	P2	298	DER2A	0.0030	0.0010	0.06	P2	306	DER1H	-0.0010	-0.0040	0.08
P2	13	DER2C	-0.0030	0.0005	0.06	P2	298	DER2B	0.0030	-0.0010	0.06	P2	306	DER2A	0.0030	0.0010	0.06
P2	13	DER2D	-0.0030	-0.0005	0.06	P2	298	DER2C	-0.0030	0.0010	0.06	P2	306	DER2B	0.0030	-0.0010	0.06
P2	13	DER2E	0.0010	0.0020	0.05	P2	298	DER2D	-0.0030	-0.0010	0.06	P2	306	DER2C	-0.0030	0.0010	0.06
P2	13	DER2F	0.0010	-0.0020	0.05	P2	298	DER2E	0.0010	0.0020	0.05	P2	306	DER2D	-0.0030	-0.0010	0.06
P2	13	DER2G	-0.0010	0.0020	0.05	P2	298	DER2F	0.0010	-0.0030	0.06	P2	306	DER2E	0.0010	0.0030	0.06
P2	13	DER2H	-0.0010	-0.0020	0.05	P2	298	DER2G	-0.0010	0.0020	0.05	P2	306	DER2F	0.0010	-0.0030	0.06
P2	13	DER3A	0.0030	0.0010	0.06	P2	298	DER2H	-0.0010	-0.0030	0.06	P2	306	DER2G	-0.0010	0.0030	0.06
P2	13	DER3B	0.0030	-0.0010	0.06	P2	298	DER3A	0.0040	0.0010	0.08	P2	306	DER2H	-0.0010	-0.0030	0.06
P2	13	DER3C	-0.0040	0.0010	0.08	P2	298	DER3B	0.0040	-0.0010	0.08	P2	306	DER3A	0.0040	0.0010	0.08
P2	13	DER3D	-0.0040	-0.0010	0.08	P2	298	DER3C	-0.0030	0.0010	0.06	P2	306	DER3B	0.0040	-0.0010	0.08
P2	13	DER3E	0.0010	0.0020	0.05	P2	298	DER3D	-0.0030	-0.0010	0.06	P2	306	DER3C	-0.0030	0.0010	0.06
P2	13	DER3F	0.0010	-0.0020	0.05	P2	298	DER3E	0.0010	0.0040	0.08	P2	306	DER3D	-0.0030	-0.0010	0.06
P2	13	DER3G	-0.0010	0.0020	0.05	P2	298	DER3F	0.0010	-0.0040	0.08	P2	306	DER3E	0.0010	0.0040	0.08
P2	13	DER3H	-0.0010	-0.0020	0.05	P2	298	DER3G	-0.0010	0.0040	0.08	P2	306	DER3F	0.0010	-0.0040	0.08
P2	295	DER1A	0.0030	0.0010	0.06	P2	298	DER3H	-0.0010	-0.0040	0.08	P2	306	DER3G	-0.0010	0.0040	0.08
P2	295	DER1B	0.0030	-0.0010	0.06	P2	303	DER1A	0.0040	0.0010	0.08	P2	306	DER3H	-0.0010	-0.0040	0.08
P2	295	DER1C	-0.0040	0.0010	0.08	P2	303	DER1B	0.0040	-0.0010	0.08	P2	307	DER1A	0.0030	0.0010	0.06
P2	295	DER1D	-0.0040	-0.0010	0.08	P2	303	DER1C	-0.0030	0.0010	0.06	P2	307	DER1B	0.0030	-0.0010	0.06
P2	295	DER1E	0.0010	0.0030	0.06	P2	303	DER1D	-0.0030	-0.0010	0.06	P2	307	DER1C	-0.0040	0.0010	0.08
P2	295	DER1F	0.0010	-0.0040	0.08	P2	303	DER1E	0.0010	0.0030	0.06	P2	307	DER1D	-0.0040	-0.0010	0.08
P2	295	DER1G	-0.0010	0.0030	0.06	P2	303	DER1F	0.0010	-0.0040	0.08	P2	307	DER1E	0.0010	0.0040	0.08
P2	295	DER1H	-0.0010	-0.0040	0.08	P2	303	DER1G	-0.0010	0.0030	0.06	P2	307	DER1F	0.0010	-0.0040	0.08
P2	295	DER2A	0.0020	0.0010	0.05	P2	303	DER1H	-0.0010	-0.0040	0.08	P2	307	DER1G	-0.0010	0.0040	0.08
P2	295	DER2B	0.0020	-0.0010	0.05	P2	303	DER2A	0.0030	0.0010	0.06	P2	307	DER1H	-0.0010	-0.0040	0.08
P2	295	DER2C	-0.0030	0.0010	0.06	P2	303	DER2B	0.0030	-0.0010	0.06	P2	307	DER2A	0.0020	0.0010	0.05
P2	295	DER2D	-0.0030	-0.0010	0.06	P2	303	DER2C	-0.0020	0.0010	0.05	P2	307	DER2B	0.0020	-0.0010	0.05
P2	295	DER2E	0.0010	0.0020	0.05	P2	303	DER2D	-0.0020	-0.0010	0.05	P2	307	DER2C	-0.0030	0.0010	0.06
P2	295	DER2F	0.0010	-0.0030	0.06	P2	303	DER2E	0.0010	0.0020	0.05	P2	307	DER2D	-0.0030	-0.0010	0.06
P2	295	DER2G	-0.0010	0.0020	0.05	P2	303	DER2F	0.0010	-0.0030	0.06	P2	307	DER2E	0.0010	0.0030	0.06
P2	295	DER2H	-0.0010	-0.0030	0.06	P2	303	DER2G	-0.0010	0.0020	0.05	P2	307	DER2F	0.0010	-0.0030	0.06
P2	295	DER3A	0.0040	0.0010	0.08	P2	303	DER2H	-0.0010	-0.0030	0.06	P2	307	DER2G	-0.0010	0.0030	0.06
P2	295	DER3B	0.0030	-0.0010	0.06	P2	303	DER3A	0.0040	0.0010	0.08	P2	307	DER2H	-0.0010	-0.0030	0.06
P2	295	DER3C	-0.0040	0.0010	0.08	P2	303	DER3B	0.0040	-0.0010	0.08	P2	307	DER3A	0.0040	0.0010	0.08
P2	295	DER3D	-0.0040	-0.0010	0.08	P2	303	DER3C	-0.0030	0.0010	0.06	P2	307	DER3B	0.0030	-0.0010	0.06
P2	295	DER3E	0.0010	0.0040	0.08	P2	303	DER3D	-0.0030	-0.0010	0.06	P2	307	DER3C	-0.0040	0.0010	0.08
P2	295	DER3F	0.0010	-0.0040	0.08	P2	303	DER3E	0.0010	0.0040	0.08	P2	307	DER3D	-0.0040	-0.0010	0.08
P2	295	DER3G	-0.0010	0.0040	0.08	P2	303	DER3F	0.0010	-0.0040	0.08	P2	307	DER3E	0.0010	0.0040	0.08
P2	295	DER3H	-0.0010	-0.0040	0.08	P2	303	DER3G	-0.0010	0.0040	0.08	P2	307	DER3F	0.0010	-0.0040	0.08
P2	296	DER1A	0.0040	0.0010	0.08	P2	303	DER3H	-0.0010	-0.0040	0.08	P2	307	DER3G	-0.0010	0.0040	0.08
P2	296	DER1B	0.0030	-0.0010	0.06	P2	304	DER1A	0.0040	0.0010	0.08	P2	307	DER3H	-0.0010	-0.0040	0.08
P2	296	DER1C	-0.0040	0.0010	0.08	P2	304	DER1B	0.0040	-0.0010	0.08	P2	308	DER1A	0.0030	0.0010	0.06
P2	296	DER1D	-0.0040	-0.0010	0.08	P2	304	DER1C	-0.0030	0.0010	0.06	P2	308	DER1B	0.0030	-0.0010	0.06
P2	296	DER1E	0.0010	0.0030	0.06	P2	304	DER1D	-0.0030	-0.0010	0.06	P2	308	DER1C	-0.0040	0.0010	0.08
P2	296	DER1F	0.0010	-0.0040	0.08	P2	304	DER1E	0.0010	0.0040	0.08	P2	308	DER1D	-0.0040	-0.0010	0.08
P2	296	DER1G	-0.0010	0.0030	0.06	P2	304	DER1F	0.0010	-0.0040	0.08	P2	308	DER1E	0.0010	0.0040	0.08
P2	296	DER1H	-0.0010	-0.0040	0.08	P2	304	DER1G	-0.0010	0.0040	0.08	P2	308	DER1F	0.0010	-0.0040	0.08
P2	296	DER2A	0.0030	0.0010	0.06	P2	304	DER1H	-0.0010	-0.0040	0.08	P2	308	DER1G	-0.0010	0.0040	0.08

P2	308	DER1H	-0.0010	-0.0040	0.08	P2	311	DER3F	0.0010	-0.0040	0.08	P2	368	DER2D	-0.0020	-0.0005	0.04
P2	308	DER2A	0.0020	0.0010	0.05	P2	311	DER3G	-0.0010	0.0030	0.06	P2	368	DER2E	0.0010	0.0020	0.05
P2	308	DER2B	0.0020	-0.0010	0.05	P2	311	DER3H	-0.0010	-0.0040	0.08	P2	368	DER2F	0.0010	-0.0020	0.05
P2	308	DER2C	-0.0030	0.0010	0.06	P2	312	DER1A	0.0040	0.0010	0.08	P2	368	DER2G	-0.0010	0.0020	0.05
P2	308	DER2D	-0.0030	-0.0010	0.06	P2	312	DER1B	0.0040	-0.0010	0.08	P2	368	DER2H	-0.0010	-0.0020	0.05
P2	308	DER2E	0.0010	0.0030	0.06	P2	312	DER1C	-0.0030	0.0010	0.06	P2	368	DER3A	0.0040	0.0010	0.08
P2	308	DER2F	0.0010	-0.0030	0.06	P2	312	DER1D	-0.0030	-0.0010	0.06	P2	368	DER3B	0.0040	-0.0010	0.08
P2	308	DER2G	-0.0010	0.0030	0.06	P2	312	DER1E	0.0010	0.0030	0.06	P2	368	DER3C	-0.0030	0.0010	0.06
P2	308	DER2H	-0.0010	-0.0030	0.06	P2	312	DER1F	0.0010	-0.0040	0.08	P2	368	DER3D	-0.0030	-0.0010	0.06
P2	308	DER3A	0.0040	0.0010	0.08	P2	312	DER1G	-0.0010	0.0030	0.06	P2	368	DER3E	0.0010	0.0020	0.05
P2	308	DER3B	0.0030	-0.0010	0.06	P2	312	DER1H	-0.0010	-0.0040	0.08	P2	368	DER3F	0.0010	-0.0020	0.05
P2	308	DER3C	-0.0040	0.0010	0.08	P2	312	DER2A	0.0030	0.0005	0.06	P2	368	DER3G	-0.0010	0.0020	0.05
P2	308	DER3D	-0.0040	-0.0010	0.08	P2	312	DER2B	0.0030	-0.0010	0.06	P2	368	DER3H	-0.0010	-0.0020	0.05
P2	308	DER3E	0.0010	0.0040	0.08	P2	312	DER2C	-0.0030	0.0004	0.06	P2	369	DER1A	0.0040	0.0010	0.08
P2	308	DER3F	0.0010	-0.0040	0.08	P2	312	DER2D	-0.0030	-0.0010	0.06	P2	369	DER1B	0.0040	-0.0010	0.08
P2	308	DER3G	-0.0010	0.0040	0.08	P2	312	DER2E	0.0010	0.0020	0.05	P2	369	DER1C	-0.0030	0.0010	0.06
P2	308	DER3H	-0.0010	-0.0040	0.08	P2	312	DER2F	0.0010	-0.0030	0.06	P2	369	DER1D	-0.0030	-0.0010	0.06
P2	309	DER1A	0.0040	0.0010	0.08	P2	312	DER2G	-0.0010	0.0020	0.05	P2	369	DER1E	0.0010	0.0020	0.05
P2	309	DER1B	0.0040	-0.0010	0.08	P2	312	DER2H	-0.0010	-0.0030	0.06	P2	369	DER1F	0.0010	-0.0020	0.05
P2	309	DER1C	-0.0030	0.0010	0.06	P2	312	DER3A	0.0040	0.0010	0.08	P2	369	DER1G	-0.0010	0.0020	0.05
P2	309	DER1D	-0.0030	-0.0010	0.06	P2	312	DER3B	0.0040	-0.0010	0.08	P2	369	DER1H	-0.0010	-0.0020	0.05
P2	309	DER1E	0.0010	0.0040	0.08	P2	312	DER3C	-0.0030	0.0010	0.06	P2	369	DER2A	0.0030	0.0004	0.06
P2	309	DER1F	0.0010	-0.0040	0.08	P2	312	DER3D	-0.0030	-0.0010	0.06	P2	369	DER2B	0.0030	-0.0005	0.06
P2	309	DER1G	-0.0010	0.0040	0.08	P2	312	DER3E	0.0010	0.0040	0.08	P2	369	DER2C	-0.0020	0.0005	0.04
P2	309	DER1H	-0.0010	-0.0040	0.08	P2	312	DER3F	0.0010	-0.0040	0.08	P2	369	DER2D	-0.0020	-0.0005	0.04
P2	309	DER2A	0.0030	0.0010	0.06	P2	312	DER3G	-0.0010	0.0030	0.06	P2	369	DER2E	0.0010	0.0020	0.05
P2	309	DER2B	0.0030	-0.0010	0.06	P2	312	DER3H	-0.0010	-0.0040	0.08	P2	369	DER2F	0.0010	-0.0020	0.05
P2	309	DER2C	-0.0030	0.0010	0.06	P2	313	DER1A	0.0040	0.0010	0.08	P2	369	DER2G	-0.0010	0.0020	0.05
P2	309	DER2D	-0.0030	-0.0010	0.06	P2	313	DER1B	0.0040	-0.0010	0.08	P2	369	DER2H	-0.0010	-0.0020	0.05
P2	309	DER2E	0.0010	0.0030	0.06	P2	313	DER1C	-0.0030	0.0010	0.06	P2	369	DER3A	0.0040	0.0010	0.08
P2	309	DER2F	0.0010	-0.0030	0.06	P2	313	DER1D	-0.0030	-0.0010	0.06	P2	369	DER3B	0.0040	-0.0010	0.08
P2	309	DER2G	-0.0010	0.0030	0.06	P2	313	DER1E	0.0010	0.0030	0.06	P2	369	DER3C	-0.0030	0.0010	0.06
P2	309	DER2H	-0.0010	-0.0030	0.06	P2	313	DER1F	0.0010	-0.0040	0.08	P2	369	DER3D	-0.0030	-0.0010	0.06
P2	309	DER3A	0.0040	0.0010	0.08	P2	313	DER1G	-0.0010	0.0030	0.06	P2	369	DER3E	0.0010	0.0020	0.05
P2	309	DER3B	0.0040	-0.0010	0.08	P2	313	DER1H	-0.0010	-0.0040	0.08	P2	369	DER3F	0.0010	-0.0020	0.05
P2	309	DER3C	-0.0030	0.0010	0.06	P2	313	DER2A	0.0030	0.0005	0.06	P2	369	DER3G	-0.0010	0.0020	0.05
P2	309	DER3D	-0.0030	-0.0010	0.06	P2	313	DER2B	0.0030	-0.0010	0.06	P2	369	DER3H	-0.0010	-0.0020	0.05
P2	309	DER3E	0.0010	0.0040	0.08	P2	313	DER2C	-0.0030	0.0004	0.06	P2	370	DER1A	0.0040	0.0010	0.08
P2	309	DER3F	0.0010	-0.0040	0.08	P2	313	DER2D	-0.0030	-0.0010	0.06	P2	370	DER1B	0.0040	-0.0010	0.08
P2	309	DER3G	-0.0010	0.0040	0.08	P2	313	DER2E	0.0010	0.0020	0.05	P2	370	DER1C	-0.0030	0.0010	0.06
P2	309	DER3H	-0.0010	-0.0040	0.08	P2	313	DER2F	0.0010	-0.0030	0.06	P2	370	DER1D	-0.0030	-0.0010	0.06
P2	310	DER1A	0.0030	0.0010	0.06	P2	313	DER2G	-0.0010	0.0020	0.05	P2	370	DER1E	0.0010	0.0020	0.05
P2	310	DER1B	0.0030	-0.0010	0.06	P2	313	DER2H	-0.0010	-0.0030	0.06	P2	370	DER1F	0.0010	-0.0020	0.05
P2	310	DER1C	-0.0040	0.0010	0.08	P2	313	DER3A	0.0040	0.0010	0.08	P2	370	DER1G	-0.0010	0.0020	0.05
P2	310	DER1D	-0.0040	-0.0010	0.08	P2	313	DER3B	0.0040	-0.0010	0.08	P2	370	DER1H	-0.0010	-0.0020	0.05
P2	310	DER1E	0.0010	0.0030	0.06	P2	313	DER3C	-0.0030	0.0010	0.06	P2	370	DER2A	0.0030	0.0004	0.06
P2	310	DER1F	0.0010	-0.0040	0.08	P2	313	DER3D	-0.0030	-0.0010	0.06	P2	370	DER2B	0.0030	-0.0005	0.06
P2	310	DER1G	-0.0010	0.0030	0.06	P2	313	DER3E	0.0010	0.0040	0.08	P2	370	DER2C	-0.0030	0.0005	0.06
P2	310	DER1H	-0.0010	-0.0040	0.08	P2	313	DER3F	0.0010	-0.0040	0.08	P2	370	DER2D	-0.0030	-0.0005	0.06
P2	310	DER2A	0.0020	0.0005	0.04	P2	313	DER3G	-0.0010	0.0030	0.06	P2	370	DER2E	0.0010	0.0020	0.05
P2	310	DER2B	0.0020	-0.0010	0.05	P2	313	DER3H	-0.0010	-0.0040	0.08	P2	370	DER2F	0.0010	-0.0020	0.05
P2	310	DER2C	-0.0030	0.0004	0.06	P2	314	DER1A	0.0040	0.0010	0.08	P2	370	DER2G	-0.0010	0.0020	0.05
P2	310	DER2D	-0.0030	-0.0010	0.06	P2	314	DER1B	0.0040	-0.0010	0.08	P2	370	DER2H	-0.0010	-0.0020	0.05
P2	310	DER2E	0.0010	0.0020	0.05	P2	314	DER1C	-0.0030	0.0010	0.06	P2	370	DER3A	0.0040	0.0010	0.08
P2	310	DER2F	0.0010	-0.0030	0.06	P2	314	DER1D	-0.0030	-0.0010	0.06	P2	370	DER3B	0.0040	-0.0010	0.08
P2	310	DER2G	-0.0010	0.0020	0.05	P2	314	DER1E	0.0010	0.0030	0.06	P2	370	DER3C	-0.0030	0.0010	0.06
P2	310	DER2H	-0.0010	-0.0030	0.06	P2	314	DER1F	0.0010	-0.0040	0.08	P2	370	DER3D	-0.0030	-0.0010	0.06
P2	310	DER3A	0.0040	0.0010	0.08	P2	314	DER1G	-0.0010	0.0030	0.06	P2	370	DER3E	0.0010	0.0020	0.05
P2	310	DER3B	0.0030	-0.0010	0.06	P2	314	DER1H	-0.0010	-0.0040	0.08	P2	370	DER3F	0.0010	-0.0020	0.05
P2	310	DER3C	-0.0040	0.0010	0.08	P2	314	DER2A	0.0030	0.0005	0.06	P2	370	DER3G	-0.0010	0.0020	0.05
P2	310	DER3D	-0.0040	-0.0010	0.08	P2	314	DER2B	0.0030	-0.0010	0.06	P2	370	DER3H	-0.0010	-0.0020	0.05
P2	310	DER3E	0.0010	0.0040	0.08	P2	314	DER2C	-0.0020	0.0004	0.04	P2	371	DER1A	0.0040	0.0010	0.08
P2	310	DER3F	0.0010	-0.0040	0.08	P2	314	DER2D	-0.0020	-0.0010	0.05	P2	371	DER1B	0.0040	-0.0010	0.08
P2	310	DER3G	-0.0010	0.0030	0.06	P2	314	DER2E	0.0010	0.0020	0.05	P2	371	DER1C	-0.0030	0.0010	0.06
P2	310	DER3H	-0.0010	-0.0040	0.08	P2	314	DER2F	0.0010	-0.0030	0.06	P2	371	DER1D	-0.0030	-0.0010	0.06
P2	311	DER1A	0.0040	0.0010	0.08	P2	314	DER2G	-0.0010	0.0020	0.05	P2	371	DER1E	0.0010	0.0020	0.05
P2	311	DER1B	0.0030	-0.0010	0.06	P2	314	DER2H	-0.0010	-0.0030	0.06	P2	371	DER1F	0.0010	-0.0020	0.05
P2	311	DER1C	-0.0040	0.0010	0.08	P2	314	DER3A	0.0040	0.0010	0.08	P2	371	DER1G	-0.0010	0.0020	0.05
P2	311	DER1D	-0.0040	-0.0010	0.08	P2	314	DER3B	0.0040	-0.0010	0.08	P2	371	DER1H	-0.0010	-0.0020	0.05
P2	311	DER1E	0.0010	0.0030	0.06	P2	314	DER3C	-0.0030	0.0010	0.06	P2	371	DER2A	0.0030	0.0004	0.06
P2	311	DER1F	0.0010	-0.0040	0.08	P2	314	DER3D	-0.0030	-0.0010	0.06	P2	371	DER2B	0.0030	-0.0005	0.06
P2	311	DER1G	-0.0010	0.0030	0.06	P2	314	DER3E	0.0010	0.0040	0.08	P2	371	DER2C	-0.0030	0.0005	0.06
P2	311	DER1H	-0.0010	-0.0040	0.08	P2	314	DER3F	0.0010	-0.0040	0.08	P2	371	DER2D	-0.0030	-0.0005	0.06
P2	311	DER2A	0.0030	0.0005	0.06	P2	314	DER3G	-0.0010	0.0030	0.06	P2	371	DER2E	0.0010	0.0020	0.05
P2	311	DER2B	0.0030	-0.0010	0.06	P2	314	DER3H	-0.0010	-0.0040	0.08	P2	371	DER2F	0.0010	-0.0020	0.05
P2	311	DER2C	-0.0030	0.0004	0.06	P2	368	DER1A	0.0040	0.0010	0.08	P2	371	DER2G	-0.0010	0.0020	0.05
P2	311	DER2D	-0.0030	-0.0010	0.06	P2	368	DER1B	0.0040	-0.0010	0.08	P2	371	DER2H	-0.0010	-0.0020	0.05
P2	311	DER2E	0.0010	0.0020	0.05	P2	368	DER1C	-0.0030	0.0010	0.06	P2	371	DER3A	0.0040	0.0010	0.08
P2	311	DER2F	0.0010	-0.0030	0.06	P2	368	DER1D	-0.0030	-0.0010	0.06	P2	371	DER3B	0.0040	-0.0010	0.08
P2	311	DER2G	-0.0010	0.0020	0.05	P2	368	DER1E	0.0010	0.0020	0.05	P2	371	DER3C	-0.0030	0.0010	0.06
P2	311	DER2H	-0.0010	-0.0030	0.06	P2	368	DER1F	0.0010	-0.0020	0.05	P2	371	DER3D	-0.0030	-0.0010	0.06
P2	311	DER3A	0.0040	0.0010	0.08	P2	368	DER1G	-0.0010	0.0020	0.05	P2	371	DER3E	0.0010	0.0020	0.05
P2	311	DER3B	0.0040	-0.0010	0.08	P2	368	DER1H	-0.0010	-0.0020	0.05	P2	371	DER3F	0.0010	-0.0020	0.05
P2	311	DER3C	-0.0040	0.0010	0.08	P2	368	DER2A	0.0030	0.0004	0.06	P2	371	DER3G	-0.0010	0.0020	0.05
P2	311	DER3D	-0.0040	-0.0010	0.08	P2	368	DER2B	0.0030	-0.0005	0.06	P2	371	DER3H	-0.0010	-0.0020	0.05
P2	311	DER3E	0.0010	0.0040	0.08	P2	368	DER2C	-0.0020	0.0004	0.04						

2.5 VERIFICACIÓN TORSIÓN ACCIDENTAL

EVALUACIÓN DE TORSIÓN ACCIDENTAL BLOQUE D



PISO 2

COMB.	PISO	δ_{max} (m)	δ_{prom} (m)	A_x	PUNTOS EXTREMOS PARA δ_{prom} 310 N PISO PUNTO DERIVA	310 δ_i (m)	314 N PISO PUNTO DERIVA	314 δ_i (m)
DER1A	2	0.01772	0.01772	0.694	2 310 DER1A	0.01772	2 314 DER1A	0.01772
DER1B	2	0.01772	0.01724	0.734	2 310 DER1B	0.01772	2 314 DER1B	0.01676
DER1C	2	0.01772	0.01724	0.734	2 310 DER1C	0.01772	2 314 DER1C	0.01676
DER1D	2	0.01803	0.01756	0.732	2 310 DER1D	0.01803	2 314 DER1D	0.01709
DER1E	2	0.01772	0.01772	0.694	2 310 DER1E	0.01772	2 314 DER1E	0.01772
DER1F	2	0.01868	0.01868	0.694	2 310 DER1F	0.01868	2 314 DER1F	0.01868
DER1G	2	0.01772	0.01772	0.694	2 310 DER1G	0.01772	2 314 DER1G	0.01772
DER1H	2	0.01868	0.01868	0.694	2 310 DER1H	0.01868	2 314 DER1H	0.01868
DER2A	2	0.01265	0.01265	0.694	2 310 DER2A	0.01265	2 314 DER2A	0.01265
DER2B	2	0.01265	0.01265	0.694	2 310 DER2B	0.01265	2 314 DER2B	0.01265
DER2C	2	0.01334	0.01286	0.748	2 310 DER2C	0.01334	2 314 DER2C	0.01237
DER2D	2	0.01393	0.01346	0.743	2 310 DER2D	0.01393	2 314 DER2D	0.01300
DER2E	2	0.01360	0.01347	0.708	2 310 DER2E	0.01334	2 314 DER2E	0.01360
DER2F	2	0.01456	0.01456	0.694	2 310 DER2F	0.01456	2 314 DER2F	0.01456
DER2G	2	0.01360	0.01347	0.708	2 310 DER2G	0.01360	2 314 DER2G	0.01334
DER2H	2	0.01456	0.01456	0.694	2 310 DER2H	0.01456	2 314 DER2H	0.01456
DER3A	2	0.01772	0.01724	0.734	2 310 DER3A	0.01772	2 314 DER3A	0.01676
DER3B	2	0.01772	0.01724	0.734	2 310 DER3B	0.01772	2 314 DER3B	0.01676
DER3C	2	0.01772	0.01724	0.734	2 310 DER3C	0.01772	2 314 DER3C	0.01676
DER3D	2	0.01803	0.01756	0.732	2 310 DER3D	0.01803	2 314 DER3D	0.01709
DER3E	2	0.01868	0.01868	0.694	2 310 DER3E	0.01868	2 314 DER3E	0.01868
DER3F	2	0.01868	0.01868	0.694	2 310 DER3F	0.01868	2 314 DER3F	0.01868
DER3G	2	0.01772	0.01772	0.694	2 310 DER3G	0.01772	2 314 DER3G	0.01772
DER3H	2	0.01868	0.01868	0.694	2 310 DER3H	0.01868	2 314 DER3H	0.01868
				Max=0.748				

POR LO TANTO:

EXCENTRICIDAD= 0.05x1 =0.050

3 DISEÑO DE LA ESTRUCTURA

3.1 DISEÑO DE VIGAS

Story	Label	DesignSect	Station	AsTop	AsBot	VRebar
			mm	mm²	mm²	mm²/m
CUB	B266	VG-0.30x0.35	225	285.64	173.12	0
CUB	B266	VG-0.30x0.35	679.3	217.45	149.89	0
CUB	B266	VG-0.30x0.35	1133.6	140.85	120.93	0
CUB	B266	VG-0.30x0.35	1587.9	76.51	90.08	0
CUB	B266	VG-0.30x0.35	2042.2	75.36	75.36	0
CUB	B266	VG-0.30x0.35	2496.5	75.36	77.97	0
CUB	B266	VG-0.30x0.35	2950.8	75.36	122.54	0
CUB	B266	VG-0.30x0.35	3405.1	107.42	159.73	0
CUB	B266	VG-0.30x0.35	3859.4	171.56	189.37	0
CUB	B266	VG-0.30x0.35	4313.7	246.4	214.81	0
CUB	B289	VG-0.30x0.35	225	269.97	180.27	0
CUB	B289	VG-0.30x0.35	679.3	185.59	155.47	0
CUB	B289	VG-0.30x0.35	1133.7	113.07	124.97	0
CUB	B289	VG-0.30x0.35	1588	54.15	88.86	0
CUB	B289	VG-0.30x0.35	2042.4	54.15	54.15	0
CUB	B289	VG-0.30x0.35	2496.7	54.15	54.15	0
CUB	B289	VG-0.30x0.35	2951.1	61.07	81.1	0
CUB	B289	VG-0.30x0.35	3405.4	120.22	117.28	0
CUB	B289	VG-0.30x0.35	3859.8	186.02	149.55	0
CUB	B289	VG-0.30x0.35	4314.1	260.41	176.12	0
CUB	B290	VG-0.30x0.35	225	285.64	104.65	250
CUB	B290	VG-0.30x0.35	606.7	193.91	158.72	250
CUB	B290	VG-0.30x0.35	988.4	74.25	221.19	250
CUB	B290	VG-0.30x0.35	988.4	52.33	222.07	0
CUB	B290	VG-0.30x0.35	1463.5	52.33	165.14	0
CUB	B290	VG-0.30x0.35	1938.6	52.33	100.36	0
CUB	B290	VG-0.30x0.35	2413.7	52.33	68.78	0
CUB	B290	VG-0.30x0.35	2888.8	52.33	80.11	0
CUB	B290	VG-0.30x0.35	3363.9	114.37	105.65	0
CUB	B290	VG-0.30x0.35	3839	205.33	124.88	0
CUB	B290	VG-0.30x0.35	4314.1	285.64	137.74	0
CUB	B291	VG-0.30x0.35	225	285.64	235.35	250
CUB	B291	VG-0.30x0.35	687.5	192.33	232.32	250
CUB	B291	VG-0.30x0.35	1150	141.7	212.83	250
CUB	B291	VG-0.30x0.35	1612.5	141.7	168.12	0
CUB	B291	VG-0.30x0.35	2075	141.7	141.7	0
CUB	B291	VG-0.30x0.35	2537.5	141.7	141.7	250
CUB	B291	VG-0.30x0.35	3000	208.7	141.7	250
CUB	B291	VG-0.30x0.35	3462.5	285.64	141.7	250
CUB	B291	VG-0.30x0.35	3925	404.06	205.6	250
CUB	B292	VG-0.30x0.35	225	285.64	195.38	250
CUB	B292	VG-0.30x0.35	708.1	196.64	200.36	250
CUB	B292	VG-0.30x0.35	1191.2	86.84	198.7	0
CUB	B292	VG-0.30x0.35	1674.4	82.21	169.01	0
CUB	B292	VG-0.30x0.35	2157.5	82.21	135.05	0
CUB	B292	VG-0.30x0.35	2640.6	82.21	135.92	0
CUB	B292	VG-0.30x0.35	3123.7	97.09	148.88	250
CUB	B292	VG-0.30x0.35	3606.9	232.19	145.32	250
CUB	B292	VG-0.30x0.35	4090	305.25	134.81	250
CUB	B293	VG-0.30x0.35	225	678.48	207	250
CUB	B293	VG-0.30x0.35	704.3	455.5	85.13	250
CUB	B293	VG-0.30x0.35	1183.7	285.64	85.13	250
CUB	B293	VG-0.30x0.35	1663	135.34	85.13	250
CUB	B293	VG-0.30x0.35	2142.4	85.13	85.13	250
CUB	B293	VG-0.30x0.35	2621.7	85.13	165.79	250
CUB	B293	VG-0.30x0.35	3101.1	85.13	285.64	250
CUB	B293	VG-0.30x0.35	3580.4	85.13	334.03	0
CUB	B293	VG-0.30x0.35	4059.8	85.13	416.36	0
CUB	B293	VG-0.30x0.35	4539.1	85.13	482.01	0
CUB	B293	VG-0.30x0.35	4539.1	78.75	477.85	0
CUB	B293	VG-0.30x0.35	5018.5	78.75	414.13	0
CUB	B293	VG-0.30x0.35	5497.8	78.75	333.6	0
CUB	B293	VG-0.30x0.35	5977.2	78.75	285.64	0
CUB	B293	VG-0.30x0.35	6456.5	78.75	169.5	250
CUB	B293	VG-0.30x0.35	6935.8	78.75	78.75	250
CUB	B293	VG-0.30x0.35	7415.2	124.3	78.75	250
CUB	B293	VG-0.30x0.35	7894.5	285.64	78.75	250
CUB	B293	VG-0.30x0.35	8373.9	443.19	78.75	250
CUB	B293	VG-0.30x0.35	8853.2	663.6	200.2	250
CUB	B294	VG-0.30x0.35	225	662.61	200.93	250
CUB	B294	VG-0.30x0.35	704.3	442.57	78.01	250
CUB	B294	VG-0.30x0.35	1183.6	285.64	78.01	250
CUB	B294	VG-0.30x0.35	1662.9	124.19	78.01	250
CUB	B294	VG-0.30x0.35	2142.2	78.01	78.01	250
CUB	B294	VG-0.30x0.35	2621.5	78.01	172.36	250
CUB	B294	VG-0.30x0.35	3100.8	78.01	285.64	0
CUB	B294	VG-0.30x0.35	3580.1	78.01	335.14	0
CUB	B294	VG-0.30x0.35	4059.4	78.01	415.34	0
CUB	B294	VG-0.30x0.35	4538.7	78.01	478.72	0
CUB	B294	VG-0.30x0.35	4538.7	83.87	481.36	0
CUB	B294	VG-0.30x0.35	5018	83.87	415.13	0
CUB	B294	VG-0.30x0.35	5497.3	83.87	332.23	0
CUB	B294	VG-0.30x0.35	5976.5	83.87	285.64	250
CUB	B294	VG-0.30x0.35	6455.8	83.87	162.6	250
CUB	B294	VG-0.30x0.35	6935.1	83.87	83.87	250
CUB	B294	VG-0.30x0.35	7414.4	133.19	83.87	250
CUB	B294	VG-0.30x0.35	7893.7	285.64	83.87	250
CUB	B294	VG-0.30x0.35	8373	454.9	83.87	250
CUB	B294	VG-0.30x0.35	8852.3	678.56	204.21	250
CUB	B295	VG-0.30x0.35	225	301.2	140.5	250
CUB	B295	VG-0.30x0.35	708.1	227.63	155.01	250
CUB	B295	VG-0.30x0.35	1191.2	95.99	149.52	0
CUB	B295	VG-0.30x0.35	1674.4	66.36	135.48	0
CUB	B295	VG-0.30x0.35	2157.5	66.36	115.59	0
CUB	B295	VG-0.30x0.35	2640.6	66.36	131.39	0
CUB	B295	VG-0.30x0.35	3123.7	68.09	159.29	0
CUB	B295	VG-0.30x0.35	3606.9	178.69	161.34	250
CUB	B295	VG-0.30x0.35	4090	285.64	154.88	250
CUB	B296	VG-0.30x0.35	225	285.64	140.89	250
CUB	B296	VG-0.30x0.35	687.5	206.47	150.76	250
CUB	B296	VG-0.30x0.35	1150	78.74	141.58	0
CUB	B296	VG-0.30x0.35	1612.5	75.94	123.19	0
CUB	B296	VG-0.30x0.35	2075	75.94	91.28	0
CUB	B296	VG-0.30x0.35	2537.5	75.94	100.8	0
CUB	B296	VG-0.30x0.35	3000	107.05	130.02	0
CUB	B296	VG-0.30x0.35	3462.5	211.82	136.15	250
CUB	B296	VG-0.30x0.35	3925	285.64	133.25	250
CUB	B297	VG-0.30x0.35	225	285.64	153.08	250
CUB	B297	VG-0.30x0.35	708.1	226.49	148.13	250
CUB	B297	VG-0.30x0.35	1191.2	115.73	127.9	0
CUB	B297	VG-0.30x0.35	1674.4	74.74	105.46	0
CUB	B297	VG-0.30x0.35	2157.5	74.74	122.6	0
CUB	B297	VG-0.30x0.35	2640.6	74.74	122.67	0
CUB	B297	VG-0.30x0.35	3123.7	74.74	156.92	0
CUB	B297	VG-0.30x0.35	3606.9	162.55	173.91	0
CUB	B297	VG-0.30x0.35	4090	285.64	183.05	250
CUB	B298	VG-0.30x0.35	225	285.64	150.8	250
CUB	B298	VG-0.30x0.35	687.5	204.1	143.38	250
CUB	B298	VG-0.30x0.35	1150	97.8	121.71	0
CUB	B298	VG-0.30x0.35	1612.5	58.9	94.72	0
CUB	B298	VG-0.30x0.35	2075	58.9	105.23	0
CUB	B298	VG-0.30x0.35	2537.5	58.9	105.46	0
CUB	B298	VG-0.30x0.35	3000	93.06	140.23	0
CUB	B298	VG-0.30x0.35	3462.5	186.29	158.44	0
CUB	B298	VG-0.30x0.35	3925	285.64	169.91	250
CUB	B299	VG-0.30x0.35	225	467.6	138.24	250
CUB	B299	VG-0.30x0.35	704.3	333.63	50.38	250
CUB	B299	VG-0.30x0.35	1183.6	282.52	50.38	250
CUB	B299	VG-0.30x0.35	1662.9	134.79	50.38	250
CUB	B299	VG-0.30x0.35	2142.2	50.38	50.38	0
CUB	B299	VG-0.30x0.35	2621.5	50.38	133.01	0
CUB	B299	VG-0.30x0.35	3100.8	50.38	257.93	0
CUB	B299	VG-0.30x0.35	3580.1	50.38	285.64	0
CUB	B299	VG-0.30x0.35	4059.4	50.38	367.07	0
CUB	B299	VG-0.30x0.35	4538.7	50.38	446.24	0
CUB	B299	VG-0.30x0.35	4538.7	55.92	447.35	0
CUB	B299	VG-0.30x0.35	5018	55.92	368.88	0
CUB	B299	VG-0.30x0.35	5497.3	55.92	285.64	0
CUB	B299	VG-0.30x0.35	5976.6	55.92	262.07	0
CUB	B299	VG-0.30x0.35	6455.9	55.92	137.95	0
CUB	B299	VG-0.30x0.35	6935.2	55.92	55.92	0
CUB	B299	VG-0.30x0.35	7414.5	115.57	55.92	250
CUB	B299	VG-0.30x0.35	7893.8	256.17	55.92	250
CUB	B299	VG-0.30x0.35	8373.1	311.92	55.92	250
CUB	B299	VG-0.30x0.35	8852.4	443.75	122.95	250
CUB	B300	VG-0.30x0.35	225	456.46	126.59	250
CUB	B300	VG-0.30x0.35	704.3	322.42	53.61	250
CUB	B300	VG-0.30x0.35	1183.7	267.51	53.61	250
CUB	B300	VG-0.30x0.35	1663	121.04	53.61	250
CUB	B300	VG-0.30x0.35	2142.4	53.61	53.61	250
CUB	B300	VG-0.30x0.35	2621.7	53.61	134.87	0
CUB	B300	VG-0.30x0.35	3101.1	53.61	260.18	0
CUB	B300	VG-0.30x0.35	3580.4	53.61	285.64	0
CUB	B300	VG-0.30x0.35	4059.8	53.61	369.39	0
CUB	B300	VG-0.30x0.35	4539.1	53.61	448.9	0
CUB	B300	VG-0.30x0.35	4539.1	50.31	447.52	0
CUB	B300	VG-0.30x0.35	5018.5	50.31	369.07	0
CUB	B300	VG-0.30x0.35	5497.8	50.31	285.64	0
CUB	B300	VG-0.30x0.35	5977.2	50.31	262.35	0
CUB	B300	VG-0.30x0.35	6456.5	50.31	138.23	0
CUB	B300	VG-0.30x0.35	6935.8	50.31	50.31	0
CUB	B300	VG-0.30x0.35	7415.2	127.43	50.31	250
CUB	B300	VG-0.30x0.35	7894.5	272.96	50.31	250
CUB	B300	VG-0.30x0.35	8373.9	324.66	50.31	250
CUB	B300	VG-0.30x0.35	8853.2	456.65	135.03	250
CUB	B301	VG-0.30x0.35	225	285.64	142.5	250
CUB	B301	VG-0.30x0.35	719.9	235.97	114.71	250
CUB	B301	VG-0.30x0.35	1214.7	119.95	115.88	0
CUB	B301	VG-0.30x0.35	1709.6	96.62	105.23	0
CUB	B301	VG-0.30x0.35	2204.4	96.62	97.09	0
CUB	B301	VG-0.30x0.35	2699.3	96.62	143.93	0
CUB	B301	VG-0.30x0.35	3194.1	96.62	168.35	0
CUB	B301	VG-0.30x0.35	3689	156.64	170.01	0
CUB	B301	VG-0.30x0.35	4183.8	284.77	162.13	250
CUB	B302	VG-0.30x0.35	225	285.64	128.26	250
CUB	B302	VG-0.30x0.35	679.3	224.13	111.28	250
CUB	B302	VG-0.30x0.35	1133.6	118.2	116.69	0
CUB	B302	VG-0.30x0.35	1587.9	84.64	117.24	0
CUB	B302	VG-0.30x0.35	2042.2	84.64	101.67	0
CUB	B302	VG-0.30x0.35	2496.5	84.64	119.44	0
CUB	B302	VG-0.30x0.35	2950.8	84.64	147.92	0
CUB	B302	VG-0.30x0.35	3405.1	84.64	157.28	0
CUB	B302	VG-0.30x0.35	3859.4	168.28	148.53	0
CUB	B302	VG-0.30x0.35	4313.7	285.64	136.78	250
CUB	B303	VG-0.30x0.35	225	285.64	228.16	250
CUB	B303	VG-0.30x0.35	666.3	205.08	190.77	250
CUB	B303	VG-0.30x0.35	1107.6	105.4	146.14	0
CUB	B303	VG-0.30x0.35	1548.9	104.2	104.2	0

CUB	B303	VG-0.30x0.35	1990.2	104.2	104.2	0
CUB	B303	VG-0.30x0.35	2431.5	153.23	130.75	250
CUB	B303	VG-0.30x0.35	2872.8	271.51	160.72	250
CUB	B303	VG-0.30x0.35	3314.1	308.94	185.22	250
CUB	B306	VG-0.30x0.35	225	314.98	128.15	250
CUB	B306	VG-0.30x0.35	684.8	272.79	80.38	250
CUB	B306	VG-0.30x0.35	1144.6	149	105.13	0
CUB	B306	VG-0.30x0.35	1604.4	71.9	120.66	0
CUB	B306	VG-0.30x0.35	2064.1	71.9	167.85	0
CUB	B306	VG-0.30x0.35	2523.9	71.9	202.73	0
CUB	B306	VG-0.30x0.35	2983.7	71.9	211.4	0
CUB	B306	VG-0.30x0.35	3443.5	71.9	193.74	0
CUB	B306	VG-0.30x0.35	3903.3	71.9	159.91	0
CUB	B306	VG-0.30x0.35	4363.1	109.39	150.12	0
CUB	B306	VG-0.30x0.35	4822.9	202.88	133.62	0
CUB	B306	VG-0.30x0.35	5282.7	285.64	107.65	250
CUB	B307	VG-0.30x0.35	225	285.64	97.82	250
CUB	B307	VG-0.30x0.35	684.8	222.53	88.45	250
CUB	B307	VG-0.30x0.35	1144.6	103.01	115.07	0
CUB	B307	VG-0.30x0.35	1604.4	64.03	131.36	0
CUB	B307	VG-0.30x0.35	2064.1	64.03	184.09	0
CUB	B307	VG-0.30x0.35	2523.9	64.03	216.65	0
CUB	B307	VG-0.30x0.35	2983.7	64.03	220.64	0
CUB	B307	VG-0.30x0.35	3443.5	64.03	195.96	0
CUB	B307	VG-0.30x0.35	3903.3	64.03	143.08	0
CUB	B307	VG-0.30x0.35	4363.1	115.05	117.19	0
CUB	B307	VG-0.30x0.35	4822.9	215.84	96.15	0
CUB	B307	VG-0.30x0.35	5282.7	285.64	110.67	250
CUB	B311	VG-0.30x0.35	0	25.94	10.97	0
CUB	B311	VG-0.30x0.35	479.4	104.55	104.55	0
CUB	B311	VG-0.30x0.35	958.9	104.55	196.4	0
CUB	B311	VG-0.30x0.35	1438.3	104.55	261.08	0
CUB	B311	VG-0.30x0.35	1917.8	104.55	285.64	0
CUB	B311	VG-0.30x0.35	2397.2	104.55	285.64	0
CUB	B311	VG-0.30x0.35	2876.7	104.55	281.97	0
CUB	B311	VG-0.30x0.35	3356.1	104.55	230.79	0
CUB	B311	VG-0.30x0.35	3835.6	104.55	151.66	0
CUB	B311	VG-0.30x0.35	4315	104.55	104.55	0
CUB	B311	VG-0.30x0.35	4315	91.7	91.7	0
CUB	B311	VG-0.30x0.35	4805.6	91.7	110.67	0
CUB	B311	VG-0.30x0.35	5296.2	91.7	123.45	0
CUB	B311	VG-0.30x0.35	5786.9	91.7	106.55	0
CUB	B311	VG-0.30x0.35	6277.5	91.7	91.7	0
CUB	B311	VG-0.30x0.35	6768.1	125.57	91.7	0
CUB	B311	VG-0.30x0.35	7258.7	228.4	91.7	0
CUB	B311	VG-0.30x0.35	7749.4	285.64	91.7	250
CUB	B311	VG-0.30x0.35	8240	420.86	166.7	250
CUB	B312	VG-0.30x0.35	0	17.39	4.19	0
CUB	B312	VG-0.30x0.35	479.4	99.68	101.44	0
CUB	B312	VG-0.30x0.35	958.9	99.68	193.09	0
CUB	B312	VG-0.30x0.35	1438.3	99.68	257.36	0
CUB	B312	VG-0.30x0.35	1917.8	99.68	285.64	0
CUB	B312	VG-0.30x0.35	2397.2	99.68	285.64	0
CUB	B312	VG-0.30x0.35	2876.7	99.68	276.85	0
CUB	B312	VG-0.30x0.35	3356.1	99.68	225.19	0
CUB	B312	VG-0.30x0.35	3835.6	99.68	145.57	0
CUB	B312	VG-0.30x0.35	4315	99.68	99.68	0
CUB	B312	VG-0.30x0.35	4315	86.55	86.55	0
CUB	B312	VG-0.30x0.35	4805.6	86.55	98.47	0
CUB	B312	VG-0.30x0.35	5296.2	86.55	111.07	0
CUB	B312	VG-0.30x0.35	5786.9	86.55	93.93	0
CUB	B312	VG-0.30x0.35	6277.5	86.55	86.55	0
CUB	B312	VG-0.30x0.35	6768.1	145.88	86.55	0
CUB	B312	VG-0.30x0.35	7258.7	252.71	86.55	0
CUB	B312	VG-0.30x0.35	7749.4	288.56	86.55	250
CUB	B312	VG-0.30x0.35	8240	409.68	159.76	250
CUB	B338	VG-0.30x0.35	225	320.51	175.63	250
CUB	B338	VG-0.30x0.35	679.3	285.64	126.84	0
CUB	B338	VG-0.30x0.35	1133.6	234.97	126.84	0
CUB	B338	VG-0.30x0.35	1587.9	153.15	126.84	0
CUB	B338	VG-0.30x0.35	2042.2	126.84	126.84	0
CUB	B338	VG-0.30x0.35	2496.5	126.84	126.84	0
CUB	B338	VG-0.30x0.35	2950.8	126.84	151.22	0
CUB	B338	VG-0.30x0.35	3405.1	126.84	201.84	0
CUB	B338	VG-0.30x0.35	3859.4	159.06	245.15	0
CUB	B338	VG-0.30x0.35	4313.7	224.96	280.96	0
CUB	B339	VG-0.30x0.35	225	609.52	242.83	250
CUB	B339	VG-0.30x0.35	665.8	413.94	137.03	250
CUB	B339	VG-0.30x0.35	1106.7	285.64	137.03	250
CUB	B339	VG-0.30x0.35	1547.5	137.03	137.03	250
CUB	B339	VG-0.30x0.35	1988.4	12.06	37.9	250
CUB	B340	VG-0.30x0.35	0	16.02	15.12	0
CUB	B340	VG-0.30x0.35	443.8	7.55	71.84	0
CUB	B340	VG-0.30x0.35	887.7	7.55	116.08	0
CUB	B340	VG-0.30x0.35	1331.5	7.55	148.1	0
CUB	B340	VG-0.30x0.35	1775.4	7.55	161.57	0
CUB	B340	VG-0.30x0.35	2219.2	7.55	153.39	0
CUB	B340	VG-0.30x0.35	2663	7.55	123.67	0
CUB	B340	VG-0.30x0.35	3106.9	7.55	72.8	0
CUB	B340	VG-0.30x0.35	3550.7	12.37	12.39	0
CUB	B341	VG-0.30x0.35	225	837.03	285.64	250
CUB	B341	VG-0.30x0.35	705.4	602.03	192.73	250
CUB	B341	VG-0.30x0.35	1185.9	408.79	192.73	250
CUB	B341	VG-0.30x0.35	1666.3	285.64	192.73	250
CUB	B341	VG-0.30x0.35	2146.8	192.73	192.73	250
CUB	B341	VG-0.30x0.35	2627.2	192.73	192.73	0
CUB	B341	VG-0.30x0.35	3107.7	9.19	70.96	0
CUB	B346	VG-0.30x0.35	0	47.21	23.04	0
CUB	B346	VG-0.30x0.35	467.3	126.76	103.63	0
CUB	B346	VG-0.30x0.35	934.7	236.86	103.63	0
CUB	B346	VG-0.30x0.35	1402	285.64	103.63	0
CUB	B346	VG-0.30x0.35	1869.4	406.97	173.98	250
CUB	B349	VG-0.30x0.35	0	201.94	65.9	250
CUB	B349	VG-0.30x0.35	444	39.15	39.15	250
CUB	B349	VG-0.30x0.35	887.9	39.15	150.88	250
CUB	B349	VG-0.30x0.35	1331.9	39.15	271.44	0
CUB	B349	VG-0.30x0.35	1775.8	39.15	285.64	0
CUB	B349	VG-0.30x0.35	2219.8	39.15	334.13	0
CUB	B349	VG-0.30x0.35	2663.7	39.15	373.65	0
CUB	B349	VG-0.30x0.35	3107.7	39.15	391.98	0
CUB	B349	VG-0.30x0.35	3107.7	28.36	435.6	0
CUB	B349	VG-0.30x0.35	3587.7	28.36	369.46	0
CUB	B349	VG-0.30x0.35	4067.7	28.36	286.9	0
CUB	B349	VG-0.30x0.35	4547.7	28.36	252.12	0
CUB	B349	VG-0.30x0.35	5027.7	28.36	106.5	250
CUB	B349	VG-0.30x0.35	5507.7	59.81	20.74	250
CUB	B2	VG-0.30x0.35	225	406.74	133.76	250
CUB	B2	VG-0.30x0.35	705.6	285.64	93.46	250
CUB	B2	VG-0.30x0.35	1186.2	118.02	93.46	250
CUB	B2	VG-0.30x0.35	1666.8	93.46	144.38	250
CUB	B2	VG-0.30x0.35	2147.3	93.46	238.27	250
CUB	B2	VG-0.30x0.35	2627.9	93.46	285.64	250
CUB	B2	VG-0.30x0.35	3108.5	93.46	324.78	0
CUB	B2	VG-0.30x0.35	3108.5	79.72	315.33	250
CUB	B2	VG-0.30x0.35	3543.6	79.72	285.64	250
CUB	B2	VG-0.30x0.35	3978.8	79.72	203.65	250
CUB	B2	VG-0.30x0.35	4413.9	114.08	104.16	250
CUB	B2	VG-0.30x0.35	4849	285.64	79.72	250
CUB	B2	VG-0.30x0.35	5284.2	410.65	154.47	250
CUB	B3	VG-0.30x0.35	0	9.4	47.54	0
CUB	B3	VG-0.30x0.35	433.5	108.95	108.95	0
CUB	B3	VG-0.30x0.35	867.1	131.94	108.95	0
CUB	B3	VG-0.30x0.35	1300.6	252.73	108.95	0
CUB	B3	VG-0.30x0.35	1734.1	298.76	108.95	250
CUB	B3	VG-0.30x0.35	2167.6	428.48	182.88	250
P2	B261	VG-0.35x0.45	0	8.77	6.12	0
P2	B261	VG-0.35x0.45	337.4	179.6	179.6	0
P2	B261	VG-0.35x0.45	674.7	179.6	179.6	0
P2	B261	VG-0.35x0.45	674.7	179.6	179.6	291.667
P2	B261	VG-0.35x0.45	1012.1	313.51	179.6	291.667
P2	B261	VG-0.35x0.45	1349.5	448.16	179.6	291.667
P2	B261	VG-0.35x0.45	1349.5	448.16	179.6	291.667
P2	B261	VG-0.35x0.45	1616.9	534.69	179.6	291.667
P2	B261	VG-0.35x0.45	1884.4	709	301.74	291.667
P2	B266	VG-0.35x0.45	225	860.9	353.43	616.115
P2	B266	VG-0.35x0.45	600.9	483.46	219.25	574.74
P2	B266	VG-0.35x0.45	976.7	219.25	290.42	533.364
P2	B266	VG-0.35x0.45	976.7	214.93	288.17	291.667
P2	B266	VG-0.35x0.45	1407.6	212.32	448.16	291.667
P2	B266	VG-0.35x0.45	1838.5	212.32	578.73	291.667
P2	B266	VG-0.35x0.45	1838.5	217.62	576.79	291.667
P2	B266	VG-0.35x0.45	2269.3	217.62	590.6	291.667
P2	B266	VG-0.35x0.45	2700.2	217.62	585.75	291.667
P2	B266	VG-0.35x0.45	2700.2	223.82	584.39	291.667
P2	B266	VG-0.35x0.45	3131.1	223.82	448.16	291.667
P2	B266	VG-0.35x0.45	3561.9	223.82	317.61	291.667
P2	B266	VG-0.35x0.45	3561.9	230.39	316.91	504.538
P2	B266	VG-0.35x0.45	3937.8	448.16	230.39	545.913
P2	B266	VG-0.35x0.45	4313.7	811.29	333.61	587.288
P2	B289	VG-0.35x0.45	225	858.3	352.45	609.976
P2	B289	VG-0.35x0.45	600.9	483.15	213.83	568.595
P2	B289	VG-0.35x0.45	976.8	213.83	285.75	527.215
P2	B289	VG-0.35x0.45	976.8	216.05	286.22	291.667
P2	B289	VG-0.35x0.45	1407.7	210.71	448.16	291.667
P2	B289	VG-0.35x0.45	1838.6	210.71	570.01	291.667
P2	B289	VG-0.35x0.45	1838.6	217.01	571.22	291.667
P2	B289	VG-0.35x0.45	2269.6	217.01	581.39	291.667
P2	B289	VG-0.35x0.45	2700.5	217.01	572.93	291.667
P2	B289	VG-0.35x0.45	2700.5	223.4	574.85	291.667
P2	B289	VG-0.35x0.45	3131.4	223.4	448.16	291.667
P2	B289	VG-0.35x0.45	3562.3	223.4	296.54	291.667
P2	B289	VG-0.35x0.45	3562.3	229.56	299.2	471.029
P2	B289	VG-0.35x0.45	3938.2	448.16	229.56	512.409
P2	B289	VG-0.35x0.45	4314.1	791.6	326.31	553.789
P2	B290	VG-0.35x0.45	225	911.8	372.71	674.359
P2	B290	VG-0.35x0.45	605.9	513.2	215.48	632.428
P2	B290	VG-0.35x0.45	986.8	221.46	266.79	590.497
P2	B290	VG-0.35x0.45	986.8	229.08	260.5	291.667
P2	B290	VG-0.35x0.45	1422.7	222.16	448.16	291.667
P2	B290	VG-0.35x0.45	1858.6	222.16	562.78	291.667
P2	B290	VG-0.35x0.45	1858.6	228.71	560.58	291.667
P2	B290	VG-0.35x0.45	2294.6	228.71	567.04	291.667
P2	B290	VG-0.35x0.45	2730.5	228.71	554.49	291.667
P2	B290	VG-0.35x0.45	2730.5	231.33	552.97	291.667
P2	B290	VG-0.35x0.45	2863.4	231.33	529.69	291.667
P2	B290	VG-0.35x0.45	2863.4	239.18	553.34	291.667
P2	B290	VG-0.35x0.45	3232.8	239.18	448.16	291.667
P2	B290	VG-0.35x0.45	3602.3	239.18	375.21	291.667
P2	B290	VG-0.35x0.45	3602.3	244.34	380.36	468.017
P2	B290	VG-0.35x0.45	3958.2	448.16	244.34	507.196

P2	B290	VG-0.35x0.45	4314.1	731.37	300.15	546.375
P2	B291	VG-0.35x0.45	225	448.16	303.65	291.667
P2	B291	VG-0.35x0.45	687.5	311.79	279.03	291.667
P2	B291	VG-0.35x0.45	1150	152.17	246.43	291.667
P2	B291	VG-0.35x0.45	1612.5	118.57	185.99	0
P2	B291	VG-0.35x0.45	2075	118.57	119.44	0
P2	B291	VG-0.35x0.45	2537.5	118.57	183.73	291.667
P2	B291	VG-0.35x0.45	3000	186.05	227.94	291.667
P2	B291	VG-0.35x0.45	3462.5	379.42	266.59	291.667
P2	B291	VG-0.35x0.45	3925	459.42	282	291.667
P2	B292	VG-0.35x0.45	225	448.16	257.35	291.667
P2	B292	VG-0.35x0.45	708.1	328.21	250.61	291.667
P2	B292	VG-0.35x0.45	1191.2	157.63	231.94	291.667
P2	B292	VG-0.35x0.45	1674.4	107.9	190.43	0
P2	B292	VG-0.35x0.45	2157.5	107.9	124.71	0
P2	B292	VG-0.35x0.45	2640.6	107.9	185.31	0
P2	B292	VG-0.35x0.45	3123.7	156.88	225.47	291.667
P2	B292	VG-0.35x0.45	3606.9	328.33	242.13	291.667
P2	B292	VG-0.35x0.45	4090	448.16	247.32	291.667
P2	B293	VG-0.35x0.55	225	1698.35	563.07	509.856
P2	B293	VG-0.35x0.55	600.9	1287.07	412.41	474.428
P2	B293	VG-0.35x0.55	976.8	914.67	412.41	439.001
P2	B293	VG-0.35x0.55	976.8	916.62	415.14	333.745
P2	B293	VG-0.35x0.55	1407.7	569.62	415.14	293.134
P2	B293	VG-0.35x0.55	1838.6	415.14	415.14	291.667
P2	B293	VG-0.35x0.55	1838.6	417.72	417.72	291.667
P2	B293	VG-0.35x0.55	2269.6	417.72	463.59	291.667
P2	B293	VG-0.35x0.55	2700.5	417.72	577.73	291.667
P2	B293	VG-0.35x0.55	2700.5	420.2	577.5	291.667
P2	B293	VG-0.35x0.55	3131.4	420.2	757.21	291.667
P2	B293	VG-0.35x0.55	3562.3	420.2	925.53	291.667
P2	B293	VG-0.35x0.55	3562.3	422.62	925.36	291.667
P2	B293	VG-0.35x0.55	4050.7	422.62	1048.1	291.667
P2	B293	VG-0.35x0.55	4539.1	422.62	1151.94	291.667
P2	B293	VG-0.35x0.55	4539.1	395.05	1150.6	0
P2	B293	VG-0.35x0.55	5032.5	395.05	1071.19	0
P2	B293	VG-0.35x0.55	5525.9	395.05	971.66	291.667
P2	B293	VG-0.35x0.55	5525.9	397.6	971.85	291.667
P2	B293	VG-0.35x0.55	5961.9	397.6	821.27	291.667
P2	B293	VG-0.35x0.55	6397.8	397.6	657.94	291.667
P2	B293	VG-0.35x0.55	6397.8	400.35	658.19	291.667
P2	B293	VG-0.35x0.55	6833.7	400.35	563.07	291.667
P2	B293	VG-0.35x0.55	7269.6	400.35	400.35	291.667
P2	B293	VG-0.35x0.55	7269.6	403.27	403.27	291.667
P2	B293	VG-0.35x0.55	7705.5	563.07	403.27	291.667
P2	B293	VG-0.35x0.55	8141.4	751.52	403.27	291.667
P2	B293	VG-0.35x0.55	8141.4	749.56	406.21	381.784
P2	B293	VG-0.35x0.55	8497.3	1071.96	406.21	415.326
P2	B293	VG-0.35x0.55	8853.2	1424.17	563.07	448.869
P2	B294	VG-0.35x0.55	225	1434.4	563.07	451.02
P2	B294	VG-0.35x0.55	580.9	1081.13	404.69	417.482
P2	B294	VG-0.35x0.55	936.7	757.81	404.69	383.943
P2	B294	VG-0.35x0.55	936.7	759.78	401.66	291.667
P2	B294	VG-0.35x0.55	1372.6	563.07	401.66	291.667
P2	B294	VG-0.35x0.55	1808.5	401.66	401.66	291.667
P2	B294	VG-0.35x0.55	1808.5	398.69	398.69	291.667
P2	B294	VG-0.35x0.55	2244.3	398.69	563.07	291.667
P2	B294	VG-0.35x0.55	2680.2	398.69	656.28	291.667
P2	B294	VG-0.35x0.55	2680.2	395.96	656.05	291.667
P2	B294	VG-0.35x0.55	3116.1	395.96	819.36	291.667
P2	B294	VG-0.35x0.55	3551.9	395.96	969.93	291.667
P2	B294	VG-0.35x0.55	3551.9	393.48	969.75	291.667
P2	B294	VG-0.35x0.55	4045.3	393.48	1069.31	291.667
P2	B294	VG-0.35x0.55	4538.7	393.48	1148.84	0
P2	B294	VG-0.35x0.55	4538.7	419.48	1150	291.667
P2	B294	VG-0.35x0.55	5027	419.48	1046.46	291.667
P2	B294	VG-0.35x0.55	5515.4	419.48	924.35	291.667
P2	B294	VG-0.35x0.55	5515.4	417.08	924.52	291.667
P2	B294	VG-0.35x0.55	5946.3	417.08	756.76	291.667
P2	B294	VG-0.35x0.55	6377.1	417.08	577.58	291.667
P2	B294	VG-0.35x0.55	6377.1	414.61	577.81	291.667
P2	B294	VG-0.35x0.55	6808	414.61	464.37	291.667
P2	B294	VG-0.35x0.55	7238.9	414.61	414.61	291.667
P2	B294	VG-0.35x0.55	7238.9	412.04	412.04	291.667
P2	B294	VG-0.35x0.55	7669.7	563.07	412.04	291.667
P2	B294	VG-0.35x0.55	8100.6	908.36	412.04	331.132
P2	B294	VG-0.35x0.55	8100.6	906.42	409.33	436.378
P2	B294	VG-0.35x0.55	8476.5	1277.36	409.33	471.802
P2	B294	VG-0.35x0.55	8852.3	1686.9	563.07	507.225
P2	B295	VG-0.35x0.45	225	469.6	233.14	291.667
P2	B295	VG-0.35x0.45	708.1	380.47	232.41	291.667
P2	B295	VG-0.35x0.45	1191.2	181.79	209.86	291.667
P2	B295	VG-0.35x0.45	1674.4	121.11	179.27	291.667
P2	B295	VG-0.35x0.45	2157.5	121.11	121.34	0
P2	B295	VG-0.35x0.45	2640.6	121.11	202.27	0
P2	B295	VG-0.35x0.45	3123.7	145.19	259.67	291.667
P2	B295	VG-0.35x0.45	3606.9	297.95	281.33	291.667
P2	B295	VG-0.35x0.45	4090	448.16	296.64	291.667
P2	B296	VG-0.35x0.45	225	452.17	266.23	291.667
P2	B296	VG-0.35x0.45	687.5	368.68	252.85	291.667
P2	B296	VG-0.35x0.45	1150	177.86	219.88	291.667
P2	B296	VG-0.35x0.45	1612.5	116.76	177.48	291.667
P2	B296	VG-0.35x0.45	2075	116.76	122.49	0
P2	B296	VG-0.35x0.45	2537.5	116.76	201.86	0
P2	B296	VG-0.35x0.45	3000	155.9	263.78	291.667
P2	B296	VG-0.35x0.45	3462.5	315.07	299.29	291.667
P2	B296	VG-0.35x0.45	3925	448.16	326.59	291.667
P2	B297	VG-0.35x0.45	225	453.13	221	291.667
P2	B297	VG-0.35x0.45	708.1	344.88	233.71	291.667
P2	B297	VG-0.35x0.45	1191.2	153	233.25	291.667
P2	B297	VG-0.35x0.45	1674.4	117	210.76	291.667
P2	B297	VG-0.35x0.45	2157.5	117	171.18	0
P2	B297	VG-0.35x0.45	2640.6	117	219.04	0
P2	B297	VG-0.35x0.45	3123.7	135.86	253.26	291.667
P2	B297	VG-0.35x0.45	3606.9	305.97	251.28	291.667
P2	B297	VG-0.35x0.45	4090	448.16	245.52	291.667
P2	B298	VG-0.35x0.45	225	448.16	244.3	291.667
P2	B298	VG-0.35x0.45	687.5	347.21	244.47	291.667
P2	B298	VG-0.35x0.45	1150	157.83	229.31	291.667
P2	B298	VG-0.35x0.45	1612.5	115.33	196.06	291.667
P2	B298	VG-0.35x0.45	2075	115.33	157.34	0
P2	B298	VG-0.35x0.45	2537.5	115.33	209.85	291.667
P2	B298	VG-0.35x0.45	3000	150.98	251.37	291.667
P2	B298	VG-0.35x0.45	3462.5	328	269.05	291.667
P2	B298	VG-0.35x0.45	3925	448.16	275.2	291.667
P2	B299	VG-0.35x0.55	225	1361.78	546.51	478.307
P2	B299	VG-0.35x0.55	580.9	997.78	415.78	465.328
P2	B299	VG-0.35x0.55	936.8	658.01	415.78	452.35
P2	B299	VG-0.35x0.55	936.8	662.45	410.39	291.667
P2	B299	VG-0.35x0.55	1372.7	467.73	410.39	291.667
P2	B299	VG-0.35x0.55	1808.5	410.39	410.39	291.667
P2	B299	VG-0.35x0.55	1808.5	405.25	405.25	291.667
P2	B299	VG-0.35x0.55	2244.4	405.25	563.07	291.667
P2	B299	VG-0.35x0.55	2680.3	405.25	651.08	291.667
P2	B299	VG-0.35x0.55	2680.3	400.12	650.03	291.667
P2	B299	VG-0.35x0.55	3116.1	400.12	745.67	291.667
P2	B299	VG-0.35x0.55	3552	400.12	836.31	291.667
P2	B299	VG-0.35x0.55	3552	394.45	835.47	0
P2	B299	VG-0.35x0.55	4045.4	394.45	828.78	0
P2	B299	VG-0.35x0.55	4538.7	394.45	813.89	0
P2	B299	VG-0.35x0.55	4538.7	388.05	814.94	0
P2	B299	VG-0.35x0.55	5027.1	388.05	764.69	0
P2	B299	VG-0.35x0.55	5515.5	388.05	706.9	0
P2	B299	VG-0.35x0.55	5515.5	382.19	707.85	291.667
P2	B299	VG-0.35x0.55	5946.3	382.19	573.37	291.667
P2	B299	VG-0.35x0.55	6377.2	382.19	563.07	291.667
P2	B299	VG-0.35x0.55	6377.2	376.86	563.07	291.667
P2	B299	VG-0.35x0.55	6808.1	376.86	399.74	291.667
P2	B299	VG-0.35x0.55	7238.9	376.86	376.86	291.667
P2	B299	VG-0.35x0.55	7238.9	371.56	371.56	291.667
P2	B299	VG-0.35x0.55	7669.8	563.07	371.56	291.667
P2	B299	VG-0.35x0.55	8100.7	800.55	371.56	294.685
P2	B299	VG-0.35x0.55	8100.7	796.22	369.58	501.154
P2	B299	VG-0.35x0.55	8476.5	1182.54	369.58	514.86
P2	B299	VG-0.35x0.55	8852.4	1600.61	563.07	528.567
P2	B300	VG-0.35x0.55	225	1627.47	563.07	535.621
P2	B300	VG-0.35x0.55	600.9	1205.22	375.92	521.913
P2	B300	VG-0.35x0.55	976.8	815.37	375.92	508.205
P2	B300	VG-0.35x0.55	976.8	819.66	377.37	301.719
P2	B300	VG-0.35x0.55	1407.7	563.07	377.37	291.667
P2	B300	VG-0.35x0.55	1838.6	377.37	377.37	291.667
P2	B300	VG-0.35x0.55	1838.6	382.65	382.65	291.667
P2	B300	VG-0.35x0.55	2269.6	382.65	563.07	291.667
P2	B300	VG-0.35x0.55	2700.5	382.65	636.49	291.667
P2	B300	VG-0.35x0.55	2700.5	387.98	635.35	291.667
P2	B300	VG-0.35x0.55	3131.4	387.98	758.2	291.667
P2	B300	VG-0.35x0.55	3562.3	387.98	877.1	291.667
P2	B300	VG-0.35x0.55	3562.3	393.84	876.07	0
P2	B300	VG-0.35x0.55	4050.7	393.84	903.54	0
P2	B300	VG-0.35x0.55	4539.1	393.84	922.95	0
P2	B300	VG-0.35x0.55	4539.1	400.15	919.86	0
P2	B300	VG-0.35x0.55	5032.5	400.15	903.92	0
P2	B300	VG-0.35x0.55	5525.9	400.15	879.72	0
P2	B300	VG-0.35x0.55	5525.9	405.86	880.6	291.667
P2	B300	VG-0.35x0.55	5961.9	405.86	762.47	291.667
P2	B300	VG-0.35x0.55	6397.8	405.86	640.21	291.667
P2	B300	VG-0.35x0.55	6397.8	411.05	641.32	291.667
P2	B300	VG-0.35x0.55	6833.7	411.05	563.07	291.667
P2	B300	VG-0.35x0.55	7269.6	411.05	411.05	291.667
P2	B300	VG-0.35x0.55	7269.6	416.16	416.16	291.667
P2	B300	VG-0.35x0.55	7705.5	442.93	416.16	291.667
P2	B300	VG-0.35x0.55	8141.4	639.55	416.16	291.667
P2	B300	VG-0.35x0.55	8141.4	635.16	421.5	442.192
P2	B300	VG-0.35x0.55	8497.3	970.73	421.5	455.171
P2	B300	VG-0.35x0.55	8853.2	1329.92	534.32	468.15
P2	B301	VG-0.35x0.45	225	678.48	283.97	291.667
P2	B301	VG-0.35x0.45	515.9	472.32	220.98	291.667
P2	B301	VG-0.35x0.45	806.9	371.12	252.54	291.667
P2	B301	VG-0.35x0.45	806.9	374.22	249.34	291.667
P2	B301	VG-0.35x0.45	1242.8	169.44	286.93	291.667
P2	B301	VG-0.35x0.45	1678.6	169.44	448.13	291.667
P2	B301	VG-0.35x0.45	1678.6	173.05	448.16	291.667
P2	B301	VG-0.35x0.45	2114.5	173.05	448.16	291.667
P2	B301	VG-0.35x0.45	2550.4	173.05	448.16	291.667
P2	B301	VG-0.35x0.45	2550.4	176.82	448.16	291.667
P2	B301	VG-0.35x0.45	2986.2	176.82	376.39	291.667
P2	B301	VG-0.35x0.45	3422.1	194.06	297.16	291.667
P2	B301	VG-0.35x0.45	3422.1	190	300.87	291.667
P2	B301	VG-0.35x0.45	3803	448.16	244.56	291.667
P2	B301	VG-0.35x0.45	4183.8	573.59	241.04	291.667

P2	B302	VG-0.35x0.45	225	634.89	266.17	291.667
P2	B302	VG-0.35x0.45	600.9	448.16	183.4	291.667
P2	B302	VG-0.35x0.45	976.7	212.64	236.7	291.667
P2	B302	VG-0.35x0.45	976.7	216.46	233.16	291.667
P2	B302	VG-0.35x0.45	1407.6	159.45	368.07	291.667
P2	B302	VG-0.35x0.45	1838.5	159.45	448.16	291.667
P2	B302	VG-0.35x0.45	1838.5	163.12	448.16	0
P2	B302	VG-0.35x0.45	2269.3	163.12	448.16	0
P2	B302	VG-0.35x0.45	2700.2	163.12	448.16	0
P2	B302	VG-0.35x0.45	2700.2	166.66	448.16	291.667
P2	B302	VG-0.35x0.45	3131.1	166.66	393.13	291.667
P2	B302	VG-0.35x0.45	3561.9	186.13	285.2	291.667
P2	B302	VG-0.35x0.45	3561.9	182.37	288.67	291.667
P2	B302	VG-0.35x0.45	3937.8	438.23	216.28	291.667
P2	B302	VG-0.35x0.45	4313.7	562.58	236.39	291.667
P2	B303	VG-0.35x0.45	225	556.62	269.92	291.667
P2	B303	VG-0.35x0.45	600.9	438.08	260.62	291.667
P2	B303	VG-0.35x0.45	976.8	186.3	274.68	291.667
P2	B303	VG-0.35x0.45	976.8	189.84	271.58	291.667
P2	B303	VG-0.35x0.45	1407.7	141.91	261.3	291.667
P2	B303	VG-0.35x0.45	1838.6	141.91	329.29	291.667
P2	B303	VG-0.35x0.45	1838.6	145.56	329.63	291.667
P2	B303	VG-0.35x0.45	2269.6	145.56	276.78	291.667
P2	B303	VG-0.35x0.45	2700.5	194.99	328.03	291.667
P2	B303	VG-0.35x0.45	2700.5	191.21	331.89	291.667
P2	B303	VG-0.35x0.45	3007.3	367.14	316.88	291.667
P2	B303	VG-0.35x0.45	3314.1	448.16	335.5	291.667
P2	B304	VG-0.35x0.45	225	568.63	240.31	291.667
P2	B304	VG-0.35x0.45	650.5	420.63	220.91	291.667
P2	B304	VG-0.35x0.45	1075.9	152.78	264.86	291.667
P2	B304	VG-0.35x0.45	1075.9	156.97	261.62	291.667
P2	B304	VG-0.35x0.45	1531.4	144.69	307.58	291.667
P2	B304	VG-0.35x0.45	1986.8	144.69	395.41	291.667
P2	B304	VG-0.35x0.45	1986.8	148.53	396.09	291.667
P2	B304	VG-0.35x0.45	2422.7	148.53	342.99	291.667
P2	B304	VG-0.35x0.45	2858.6	148.53	391.75	291.667
P2	B304	VG-0.35x0.45	2858.6	152.39	396.21	291.667
P2	B304	VG-0.35x0.45	3248.5	300.94	323.07	291.667
P2	B304	VG-0.35x0.45	3638.4	448.16	331.29	291.667
P2	B306	VG-0.35x0.45	225	536.04	230.67	291.667
P2	B306	VG-0.35x0.45	684.8	448.16	183.14	291.667
P2	B306	VG-0.35x0.45	1144.6	286.5	180.65	291.667
P2	B306	VG-0.35x0.45	1604.4	144.87	187.27	291.667
P2	B306	VG-0.35x0.45	2064.1	137.56	225.34	0
P2	B306	VG-0.35x0.45	2523.9	137.56	267.22	0
P2	B306	VG-0.35x0.45	2983.7	137.56	278.98	0
P2	B306	VG-0.35x0.45	3443.5	137.56	260.47	0
P2	B306	VG-0.35x0.45	3903.3	137.56	277.82	0
P2	B306	VG-0.35x0.45	4363.1	210.85	275.66	291.667
P2	B306	VG-0.35x0.45	4822.9	352.02	274.59	291.667
P2	B306	VG-0.35x0.45	5282.7	448.16	281.08	291.667
P2	B307	VG-0.35x0.45	225	456.91	197.6	291.667
P2	B307	VG-0.35x0.45	684.8	395.63	195.61	291.667
P2	B307	VG-0.35x0.45	1144.6	215.69	191.12	291.667
P2	B307	VG-0.35x0.45	1604.4	117.94	214.28	291.667
P2	B307	VG-0.35x0.45	2064.1	117.94	247.71	0
P2	B307	VG-0.35x0.45	2523.9	117.94	281.92	0
P2	B307	VG-0.35x0.45	2983.7	117.94	286.01	0
P2	B307	VG-0.35x0.45	3443.5	117.94	259.92	0
P2	B307	VG-0.35x0.45	3903.3	117.94	264.2	0
P2	B307	VG-0.35x0.45	4363.1	213.31	248.3	291.667
P2	B307	VG-0.35x0.45	4822.9	368.24	245.4	291.667
P2	B307	VG-0.35x0.45	5282.7	448.16	242.42	291.667
P2	B308	VG-0.35x0.45	225	448.16	200.81	291.667
P2	B308	VG-0.35x0.45	693	413.01	197.14	291.667
P2	B308	VG-0.35x0.45	1160.9	259.51	182.82	291.667
P2	B308	VG-0.35x0.45	1628.9	137.78	167.38	0
P2	B308	VG-0.35x0.45	2096.9	114.3	154.35	0
P2	B308	VG-0.35x0.45	2564.9	114.3	165.53	0
P2	B308	VG-0.35x0.45	3032.8	114.3	172.69	0
P2	B308	VG-0.35x0.45	3500.8	114.3	196.39	0
P2	B308	VG-0.35x0.45	3968.8	122.91	230.22	0
P2	B308	VG-0.35x0.45	4436.8	211.56	244.56	0
P2	B308	VG-0.35x0.45	4904.7	330.03	257.05	291.667
P2	B308	VG-0.35x0.45	5372.7	448.16	271.64	291.667
P2	B309	VG-0.35x0.45	0	104.24	35.62	0
P2	B309	VG-0.35x0.45	369.4	37.7	33.14	0
P2	B309	VG-0.35x0.45	738.9	21.97	65.27	0
P2	B309	VG-0.35x0.45	738.9	21.41	65.12	0
P2	B309	VG-0.35x0.45	1207.3	21.41	46.21	0
P2	B309	VG-0.35x0.45	1675.7	13.5	46.75	0
P2	B310	VG-0.35x0.45	225	494.48	208.82	291.667
P2	B310	VG-0.35x0.45	701.3	448.16	121.93	291.667
P2	B310	VG-0.35x0.45	1177.6	304.27	121.93	0
P2	B310	VG-0.35x0.45	1653.8	170.65	121.93	0
P2	B310	VG-0.35x0.45	2130.1	121.93	121.93	0
P2	B310	VG-0.35x0.45	2606.4	121.93	121.93	0
P2	B310	VG-0.35x0.45	3082.7	5.96	92.83	0
P2	B311	VG-0.35x0.45	0	14.53	0	0
P2	B311	VG-0.35x0.45	479.4	161.58	161.58	0
P2	B311	VG-0.35x0.45	958.9	161.58	214.82	0
P2	B311	VG-0.35x0.45	1438.3	161.58	308.65	0
P2	B311	VG-0.35x0.45	1917.8	161.58	377.75	0
P2	B311	VG-0.35x0.45	2397.2	161.58	421.4	0
P2	B311	VG-0.35x0.45	2876.7	161.58	439.15	0
P2	B311	VG-0.35x0.45	3356.1	161.58	430.81	0
P2	B311	VG-0.35x0.45	3835.6	161.58	396.47	0
P2	B311	VG-0.35x0.45	4315	161.58	336.49	0
P2	B311	VG-0.35x0.45	4315	145.82	407.69	0
P2	B311	VG-0.35x0.45	4805.6	145.82	363.19	0
P2	B311	VG-0.35x0.45	5296.2	145.82	292.1	0
P2	B311	VG-0.35x0.45	5786.9	145.82	195.16	291.667
P2	B311	VG-0.35x0.45	6277.5	145.82	145.82	291.667
P2	B311	VG-0.35x0.45	6768.1	264.5	145.82	291.667
P2	B311	VG-0.35x0.45	7258.7	448.16	145.82	291.667
P2	B311	VG-0.35x0.45	7749.4	547.23	145.82	291.667
P2	B311	VG-0.35x0.45	8240	762.64	283.83	291.667
P2	B312	VG-0.35x0.45	0	17.02	0	0
P2	B312	VG-0.35x0.45	479.4	167.5	167.5	0
P2	B312	VG-0.35x0.45	958.9	167.5	217.78	0
P2	B312	VG-0.35x0.45	1438.3	167.5	311.47	0
P2	B312	VG-0.35x0.45	1917.8	167.5	380.43	0
P2	B312	VG-0.35x0.45	2397.2	167.5	423.96	0
P2	B312	VG-0.35x0.45	2876.7	167.5	441.59	0
P2	B312	VG-0.35x0.45	3356.1	167.5	433.13	0
P2	B312	VG-0.35x0.45	3835.6	167.5	398.68	0
P2	B312	VG-0.35x0.45	4315	167.5	338.59	0
P2	B312	VG-0.35x0.45	4315	154.39	412.96	0
P2	B312	VG-0.35x0.45	4805.6	154.39	366.63	0
P2	B312	VG-0.35x0.45	5296.2	154.39	293.74	0
P2	B312	VG-0.35x0.45	5786.9	154.39	195.07	291.667
P2	B312	VG-0.35x0.45	6277.5	154.39	154.39	291.667
P2	B312	VG-0.35x0.45	6768.1	273.92	154.39	291.667
P2	B312	VG-0.35x0.45	7258.7	448.16	154.39	291.667
P2	B312	VG-0.35x0.45	7749.4	553.97	154.39	291.667
P2	B312	VG-0.35x0.45	8240	769.16	292.42	291.667
P2	B338	VG-0.35x0.45	225	881.84	361.57	639.847
P2	B338	VG-0.35x0.45	580.9	518.78	223.13	600.674
P2	B338	VG-0.35x0.45	936.7	254.96	290.09	561.5
P2	B338	VG-0.35x0.45	936.7	261.18	284.69	291.667
P2	B338	VG-0.35x0.45	1372.6	216.67	448.16	291.667
P2	B338	VG-0.35x0.45	1808.5	216.67	575.96	291.667
P2	B338	VG-0.35x0.45	1808.5	222.21	577.3	291.667
P2	B338	VG-0.35x0.45	2244.3	222.21	593.62	291.667
P2	B338	VG-0.35x0.45	2680.2	222.21	590.85	291.667
P2	B338	VG-0.35x0.45	2680.2	228.66	592.72	291.667
P2	B338	VG-0.35x0.45	3116.1	228.66	448.16	291.667
P2	B338	VG-0.35x0.45	3551.9	228.66	323.62	291.667
P2	B338	VG-0.35x0.45	3551.9	235.55	325.75	534.838
P2	B338	VG-0.35x0.45	3932.8	453.3	235.55	576.764
P2	B338	VG-0.35x0.45	4313.7	829.42	341.03	618.69
P2	B350	VG-0.35x0.45	225	434.56	171.47	291.667
P2	B350	VG-0.35x0.45	711.2	255.95	218.56	291.667
P2	B350	VG-0.35x0.45	1197.5	147.59	247.84	0
P2	B350	VG-0.35x0.45	1683.7	147.59	276.33	0
P2	B350	VG-0.35x0.45	2170	147.59	282.99	0
P2	B350	VG-0.35x0.45	2656.2	147.59	265.39	0
P2	B350	VG-0.35x0.45	3142.5	147.59	223.7	0
P2	B350	VG-0.35x0.45	3628.7	147.59	190.28	0
P2	B350	VG-0.35x0.45	4115	147.59	150.48	0
P2	B350	VG-0.35x0.45	4601.2	147.59	147.59	0
P2	B350	VG-0.35x0.45	5087.5	251.67	147.59	291.667
P2	B350	VG-0.35x0.45	5573.7	416.07	147.59	291.667
P2	B350	VG-0.35x0.45	6060	457.17	222.63	291.667
P2	B351	VG-0.35x0.45	225	286.7	89.92	0
P2	B351	VG-0.35x0.45	679.3	169.39	93.06	0
P2	B351	VG-0.35x0.45	1133.7	77.16	93.19	0
P2	B351	VG-0.35x0.45	1588	51.17	89.65	0
P2	B351	VG-0.35x0.45	2042.4	51.17	75.28	0
P2	B351	VG-0.35x0.45	2496.7	51.17	107.33	0
P2	B351	VG-0.35x0.45	2951.1	51.17	137.63	0
P2	B351	VG-0.35x0.45	3405.4	76.69	150.89	0
P2	B351	VG-0.35x0.45	3859.8	154.2	150.84	0
P2	B351	VG-0.35x0.45	4314.1	259.87	145.6	0
P2	B352	VG-0.35x0.45	225	259.96	80.65	0
P2	B352	VG-0.35x0.45	679.3	154.34	93.91	0
P2	B352	VG-0.35x0.45	1133.7	73.56	97.31	0
P2	B352	VG-0.35x0.45	1588	45.3	94.94	0
P2	B352	VG-0.35x0.45	2042.4	45.3	75.56	0
P2	B352	VG-0.35x0.45	2496.7	45.3	75.75	0
P2	B352	VG-0.35x0.45	2951.1	45.3	94.7	0
P2	B352	VG-0.35x0.45	3405.4	66.81	96.66	0
P2	B352	VG-0.35x0.45	3859.8	147.73	92.46	0
P2	B352	VG-0.35x0.45	4314.1	253.78	77.37	0
P2	B353	VG-0.35x0.45	225	254.86	77.44	0
P2	B353	VG-0.35x0.45	679.3	148.46	92.58	0
P2	B353	VG-0.35x0.45	1133.6	66.49	96.03	0
P2	B353	VG-0.35x0.45	1587.9	45.24	94.44	0
P2	B353	VG-0.35x0.45	2042.2	45.24	75.87	0
P2	B353	VG-0.35x0.45	2496.5	45.24	75.38	0
P2	B353	VG-0.35x0.45	2950.8	45.24	95.07	0
P2	B353	VG-0.35x0.45	3405.1	73.73	97.78	0
P2	B353	VG-0.35x0.45	3859.4	153.25	93.6	0
P2	B353	VG-0.35x0.45	4313.7	258.45	80.36	0
P2	B354	VG-0.35x0.45	225	261.68	145.76	0
P2	B354	VG-0.35x0.45	679.3	154.17	151.01	0
P2	B354	VG-0.35x0.45	1133.6	76.6	149.96	0
P2	B354	VG-0.35x0.45	1587.9	51.07	137.09	0
P2	B354	VG-0.35x0.45	2042.2	51.07	107.18	0
P2	B354	VG-0.35x0.45	2496.5	51.07	75.29	0

P2	B354	VG-0.35x0.45	2950.8	51.07	89.88	0
P2	B354	VG-0.35x0.45	3405.1	77.43	93.86	0
P2	B354	VG-0.35x0.45	3859.4	168.38	93.04	0
P2	B354	VG-0.35x0.45	4313.7	285.25	89.6	0
P2	B355	VG-0.35x0.45	225	489.15	150.92	291.667
P2	B355	VG-0.35x0.45	691.2	448.16	63.63	291.667
P2	B355	VG-0.35x0.45	1157.3	319.41	63.63	0
P2	B355	VG-0.35x0.45	1623.5	185.17	63.63	0
P2	B355	VG-0.35x0.45	2089.6	70.78	101.65	0
P2	B355	VG-0.35x0.45	2555.8	63.63	138.32	0
P2	B355	VG-0.35x0.45	3021.9	63.63	162.2	0
P2	B355	VG-0.35x0.45	3488.1	63.63	197.86	0
P2	B355	VG-0.35x0.45	3954.2	63.63	215.28	0
P2	B355	VG-0.35x0.45	4420.4	63.63	209.42	0
P2	B355	VG-0.35x0.45	4886.5	63.63	180.36	0
P2	B355	VG-0.35x0.45	5352.7	63.63	128.37	0
P2	B355	VG-0.35x0.45	5818.8	63.63	63.63	0
P2	B355	VG-0.35x0.45	6285	40.15	16.36	0
P2	B356	VG-0.35x0.45	225	392.42	186.18	291.667
P2	B356	VG-0.35x0.45	711.2	239.97	214.32	0
P2	B356	VG-0.35x0.45	1197.5	120.68	228.4	0
P2	B356	VG-0.35x0.45	1683.7	120.68	237.69	0
P2	B356	VG-0.35x0.45	2170	120.68	234.74	0
P2	B356	VG-0.35x0.45	2656.2	120.68	212.93	0
P2	B356	VG-0.35x0.45	3142.5	120.68	220.74	0
P2	B356	VG-0.35x0.45	3628.7	120.68	204.33	0
P2	B356	VG-0.35x0.45	4115	120.68	162.95	0
P2	B356	VG-0.35x0.45	4601.2	127.36	120.68	0
P2	B356	VG-0.35x0.45	5087.5	225.74	120.68	0
P2	B356	VG-0.35x0.45	5573.7	359.47	120.68	0
P2	B356	VG-0.35x0.45	6060	448.16	185.44	291.667
P2	B357	VG-0.35x0.45	225	482.04	150.59	291.667
P2	B357	VG-0.35x0.45	691.2	448.16	64.25	291.667
P2	B357	VG-0.35x0.45	1157.3	313.11	64.25	0
P2	B357	VG-0.35x0.45	1623.5	180.3	64.25	0
P2	B357	VG-0.35x0.45	2089.6	67.27	100.07	0
P2	B357	VG-0.35x0.45	2555.8	64.25	136.88	0
P2	B357	VG-0.35x0.45	3021.9	64.25	161.35	0
P2	B357	VG-0.35x0.45	3488.1	64.25	201.35	0
P2	B357	VG-0.35x0.45	3954.2	64.25	218.24	0
P2	B357	VG-0.35x0.45	4420.4	64.25	211.87	0
P2	B357	VG-0.35x0.45	4886.5	64.25	182.3	0
P2	B357	VG-0.35x0.45	5352.7	64.25	129.8	0
P2	B357	VG-0.35x0.45	5818.8	64.25	64.25	0
P2	B357	VG-0.35x0.45	6285	39.38	15.72	0
P2	B358	VG-0.35x0.45	225	448.16	173.68	291.667
P2	B358	VG-0.35x0.45	711.2	280.09	221.64	291.667
P2	B358	VG-0.35x0.45	1197.5	144.27	251.79	291.667
P2	B358	VG-0.35x0.45	1683.7	144.27	274.32	0
P2	B358	VG-0.35x0.45	2170	144.27	283.78	0
P2	B358	VG-0.35x0.45	2656.2	144.27	268.99	0
P2	B358	VG-0.35x0.45	3142.5	144.27	230.09	0
P2	B358	VG-0.35x0.45	3628.7	144.27	192.19	0
P2	B358	VG-0.35x0.45	4115	144.27	155.38	0
P2	B358	VG-0.35x0.45	4601.2	144.27	144.27	0
P2	B358	VG-0.35x0.45	5087.5	245.08	144.27	291.667
P2	B358	VG-0.35x0.45	5573.7	397.33	144.27	291.667
P2	B358	VG-0.35x0.45	6060	448.16	216.32	291.667
P2	B359	VG-0.35x0.45	0	114.18	46.51	291.667
P2	B359	VG-0.35x0.45	440.4	112.04	112.04	0
P2	B359	VG-0.35x0.45	880.8	112.04	201.62	0
P2	B359	VG-0.35x0.45	1321.1	112.04	284.94	0
P2	B359	VG-0.35x0.45	1761.5	112.04	343.3	0
P2	B359	VG-0.35x0.45	2201.9	112.04	376.11	0
P2	B359	VG-0.35x0.45	2642.3	112.04	383.02	0
P2	B359	VG-0.35x0.45	3082.7	112.04	363.95	0
P2	B359	VG-0.35x0.45	3082.7	109.34	448.16	291.667
P2	B359	VG-0.35x0.45	3522.7	109.34	331.58	291.667
P2	B359	VG-0.35x0.45	3962.7	109.34	228.38	291.667
P2	B359	VG-0.35x0.45	4402.7	213.25	148.09	291.667
P2	B359	VG-0.35x0.45	4842.7	422.97	109.34	291.667
P2	B359	VG-0.35x0.45	5282.7	492.78	197.03	291.667
P2	B2	VG-0.35x0.45	225	484.42	208.58	291.667
P2	B2	VG-0.35x0.45	705.9	420.3	191.4	291.667
P2	B2	VG-0.35x0.45	1186.8	229.02	185.96	291.667
P2	B2	VG-0.35x0.45	1667.7	127.08	204.45	291.667
P2	B2	VG-0.35x0.45	2148.6	127.08	255.93	0
P2	B2	VG-0.35x0.45	2629.5	127.08	298.27	0
P2	B2	VG-0.35x0.45	3110.4	127.08	310.7	0
P2	B2	VG-0.35x0.45	3591.3	127.08	293.05	0
P2	B2	VG-0.35x0.45	4072.2	133.06	316.09	0
P2	B2	VG-0.35x0.45	4553.1	234.85	311.61	291.667
P2	B2	VG-0.35x0.45	5034	374.29	301.27	291.667
P2	B2	VG-0.35x0.45	5034	385.97	300.12	292.504
P2	B2	VG-0.35x0.45	5284.2	484.51	227.9	310.094
P2	B4	VG-0.35x0.45	0	3.55	7.46	0
P2	B4	VG-0.35x0.45	337.4	205.06	205.06	0
P2	B4	VG-0.35x0.45	674.7	205.06	205.06	0
P2	B4	VG-0.35x0.45	674.7	205.06	205.06	291.667
P2	B4	VG-0.35x0.45	1012.1	251.81	205.06	291.667
P2	B4	VG-0.35x0.45	1349.5	404.03	205.06	291.667
P2	B4	VG-0.35x0.45	1349.5	399.58	205.06	291.667
P2	B4	VG-0.35x0.45	1788.7	548.32	205.06	291.667
P2	B4	VG-0.35x0.45	2228	816.22	344.93	291.667

3.1 DISEÑO DE COLUMNAS

Story	Label	DesignSect	Station	As	$V_{MajRebar}$	$V_{MinRebar}$
			mm	mm²	mm²/m	mm²/m
CUB	C26	C-0.45x0.45	0	2025	0	0
CUB	C26	C-0.45x0.45	1500	2025	0	0
CUB	C26	C-0.45x0.45	3000	2025	0	0
CUB	C34	C-0.45x0.45	0	2025	0	0
CUB	C34	C-0.45x0.45	1500	2025	0	0
CUB	C34	C-0.45x0.45	3000	2025	0	0
CUB	C35	C-0.45x0.45	0	2025	0	0
CUB	C35	C-0.45x0.45	1500	2025	0	0
CUB	C35	C-0.45x0.45	3000	2025	0	0
CUB	C36	C-0.45x0.45	0	2025	0	0
CUB	C36	C-0.45x0.45	1500	2025	0	0
CUB	C36	C-0.45x0.45	3000	2025	0	0
CUB	C37	C-0.45x0.45	0	2025	375	0
CUB	C37	C-0.45x0.45	1500	2025	375	0
CUB	C37	C-0.45x0.45	3000	2025	375	0
CUB	C38	C-0.45x0.45	0	2025	0	375
CUB	C38	C-0.45x0.45	1500	2025	0	375
CUB	C38	C-0.45x0.45	3000	2025	0	375
CUB	C39	C-0.45x0.45	0	2025	0	0
CUB	C39	C-0.45x0.45	1500	2025	0	0
CUB	C39	C-0.45x0.45	3000	2025	0	0
CUB	C40	C-0.45x0.45	0	2025	0	375
CUB	C40	C-0.45x0.45	1500	2025	0	375
CUB	C40	C-0.45x0.45	3000	2025	0	375
CUB	C41	C-0.45x0.45	0	2052.99	0	375
CUB	C41	C-0.45x0.45	1500	2025	0	375
CUB	C41	C-0.45x0.45	3000	2025	0	375
CUB	C42	C-0.45x0.45	0	2025	0	0
CUB	C42	C-0.45x0.45	1500	2025	0	0
CUB	C42	C-0.45x0.45	3000	2025	0	0
CUB	C43	C-0.45x0.45	0	2218.58	0	375
CUB	C43	C-0.45x0.45	1500	2025	0	375
CUB	C43	C-0.45x0.45	3000	2025	0	375
CUB	C48	C-0.45x0.45	0	2025	0	0
CUB	C48	C-0.45x0.45	1500	2025	0	0
CUB	C48	C-0.45x0.45	3000	2025	0	0
CUB	C49	C-0.45x0.45	0	2025	0	0
CUB	C49	C-0.45x0.45	1500	2025	0	0
CUB	C49	C-0.45x0.45	3000	2025	0	0
CUB	C50	C-0.45x0.45	0	2025	0	0
CUB	C50	C-0.45x0.45	1500	2025	0	0
CUB	C50	C-0.45x0.45	3000	2025	0	0
CUB	C51	C-0.45x0.45	0	2025	0	375
CUB	C51	C-0.45x0.45	1500	2025	0	375
CUB	C51	C-0.45x0.45	3000	2025	0	375
P2	C13	C-0.45x0.45	0	2025	375	0
P2	C13	C-0.45x0.45	1500	2025	375	0
P2	C13	C-0.45x0.45	3000	2025	375	0
P2	C26	C-0.45x0.45	0	2025	0	375
P2	C26	C-0.45x0.45	1500	2025	0	375
P2	C26	C-0.45x0.45	3000	2025	0	375
P2	C34	C-0.45x0.45	0	2025	0	0
P2	C34	C-0.45x0.45	1500	2025	0	375
P2	C34	C-0.45x0.45	3000	2025	0	375
P2	C35	C-0.45x0.45	0	2025	0	0
P2	C35	C-0.45x0.45	1500	2025	0	0
P2	C35	C-0.45x0.45	3000	2025	0	0
P2	C36	C-0.45x0.45	0	2025	0	375
P2	C36	C-0.45x0.45	1500	2025	0	375
P2	C36	C-0.45x0.45	3000	2025	0	375
P2	C37	C-0.45x0.45	0	2025	0	0
P2	C37	C-0.45x0.45	1500	2025	0	0
P2	C37	C-0.45x0.45	3000	2025	0	0
P2	C38	C-0.45x0.45	0	2025	0	375
P2	C38	C-0.45x0.45	1450	2025	0	375
P2	C38	C-0.45x0.45	2900	2025	0	375
P2	C39	C-0.45x0.45	0	2025	0	375
P2	C39	C-0.45x0.45	1450	2025	0	375
P2	C39	C-0.45x0.45	2900	2025	0	375
P2	C40	C-0.45x0.45	0	2025	0	375
P2	C40	C-0.45x0.45	1450	2025	0	375
P2	C40	C-0.45x0.45	2900	2025	0	375
P2	C41	C-0.45x0.45	0	2025	0	375
P2	C41	C-0.45x0.45	1450	2025	0	375
P2	C41	C-0.45x0.45	2900	2025	0	375
P2	C42	C-0.45x0.45	0	2025	0	375
P2	C42	C-0.45x0.45	1450	2025	0	375
P2	C42	C-0.45x0.45	2900	2025	0	375
P2	C43	C-0.45x0.45	0	2025	0	375
P2	C43	C-0.45x0.45	1450	2025	0	375
P2	C43	C-0.45x0.45	2900	2025	0	375
P2	C44	C-0.45x0.45	0	2025	375	0
P2	C44	C-0.45x0.45	1500	2025	375	0
P2	C44	C-0.45x0.45	3000	2025	375	0

P2	C45	C-0.45x0.45	0	2025	0	0
P2	C45	C-0.45x0.45	1500	2025	0	0
P2	C45	C-0.45x0.45	3000	2025	0	0
P2	C46	C-0.45x0.45	0	2025	375	0
P2	C46	C-0.45x0.45	1500	2025	375	0
P2	C46	C-0.45x0.45	3000	2025	375	0
P2	C47	C-0.45x0.45	0	2025	0	0
P2	C47	C-0.45x0.45	1500	2025	0	0
P2	C47	C-0.45x0.45	3000	2025	0	0
P2	C48	C-0.45x0.45	0	2025	0	0
P2	C48	C-0.45x0.45	1500	2025	0	0
P2	C48	C-0.45x0.45	3000	2025	0	0
P2	C49	C-0.45x0.45	0	2025	0	0
P2	C49	C-0.45x0.45	1500	2025	0	0
P2	C49	C-0.45x0.45	3000	2025	0	0
P2	C50	C-0.45x0.45	0	2025	0	0
P2	C50	C-0.45x0.45	1500	2025	0	0
P2	C50	C-0.45x0.45	3000	2025	0	0
P2	C51	C-0.45x0.45	0	2025	0	0
P2	C51	C-0.45x0.45	1500	2025	0	0
P2	C51	C-0.45x0.45	3000	2025	0	0
P2	C52	C-0.45x0.45	0	2025	375	0
P2	C52	C-0.45x0.45	1500	2025	375	375
P2	C52	C-0.45x0.45	3000	2025	375	375

3.2 REVISIÓN COLUMNA FUERTE – VIGA DÉBIL

Story	Label	DesignSect	WarnMsg	ErrMsg
CUB	C26	C-0.45x0.45	No Message	No Message
CUB	C34	C-0.45x0.45	No Message	No Message
CUB	C35	C-0.45x0.45	No Message	No Message
CUB	C36	C-0.45x0.45	No Message	No Message
CUB	C37	C-0.45x0.45	No Message	No Message
CUB	C38	C-0.45x0.45	No Message	No Message
CUB	C39	C-0.45x0.45	No Message	No Message
CUB	C40	C-0.45x0.45	No Message	No Message
CUB	C41	C-0.45x0.45	No Message	No Message
CUB	C42	C-0.45x0.45	No Message	No Message
CUB	C43	C-0.45x0.45	No Message	No Message
CUB	C48	C-0.45x0.45	No Message	No Message
CUB	C49	C-0.45x0.45	No Message	No Message
CUB	C50	C-0.45x0.45	No Message	No Message
CUB	C51	C-0.45x0.45	No Message	No Message
P2	C13	C-0.45x0.45	No Message	No Message
P2	C26	C-0.45x0.45	No Message	No Message
P2	C34	C-0.45x0.45	No Message	No Message
P2	C35	C-0.45x0.45	No Message	No Message
P2	C36	C-0.45x0.45	No Message	No Message
P2	C37	C-0.45x0.45	No Message	No Message
P2	C38	C-0.45x0.45	No Message	No Message
P2	C39	C-0.45x0.45	No Message	No Message
P2	C40	C-0.45x0.45	No Message	No Message
P2	C41	C-0.45x0.45	No Message	No Message
P2	C42	C-0.45x0.45	No Message	No Message
P2	C43	C-0.45x0.45	No Message	No Message
P2	C44	C-0.45x0.45	No Message	No Message
P2	C45	C-0.45x0.45	No Message	No Message
P2	C46	C-0.45x0.45	No Message	No Message
P2	C47	C-0.45x0.45	No Message	No Message
P2	C48	C-0.45x0.45	No Message	No Message
P2	C49	C-0.45x0.45	No Message	No Message
P2	C50	C-0.45x0.45	No Message	No Message
P2	C51	C-0.45x0.45	No Message	No Message
P2	C52	C-0.45x0.45	No Message	No Message

3.3 REVISIÓN CORTANTE PLÁSTICO

Story	Label	DesignSect	Station	VRebar
			mm	mm²/m
CUB	B266	VG-0.30x0.35	225	250
CUB	B266	VG-0.30x0.35	679.3	250
CUB	B266	VG-0.30x0.35	1133.6	250
CUB	B266	VG-0.30x0.35	1587.9	0
CUB	B266	VG-0.30x0.35	2042.2	0
CUB	B266	VG-0.30x0.35	2496.5	0
CUB	B266	VG-0.30x0.35	2950.8	0
CUB	B266	VG-0.30x0.35	3405.1	0
CUB	B266	VG-0.30x0.35	3859.4	250
CUB	B266	VG-0.30x0.35	4313.7	250
CUB	B289	VG-0.30x0.35	225	250
CUB	B289	VG-0.30x0.35	679.3	0
CUB	B289	VG-0.30x0.35	1133.7	0
CUB	B289	VG-0.30x0.35	1588	0
CUB	B289	VG-0.30x0.35	2042.4	0
CUB	B289	VG-0.30x0.35	2496.7	0
CUB	B289	VG-0.30x0.35	2951.1	0
CUB	B289	VG-0.30x0.35	3405.4	0
CUB	B289	VG-0.30x0.35	3859.8	0
CUB	B289	VG-0.30x0.35	4314.1	250
CUB	B290	VG-0.30x0.35	225	250
CUB	B290	VG-0.30x0.35	606.7	250
CUB	B290	VG-0.30x0.35	988.4	250
CUB	B290	VG-0.30x0.35	988.4	0
CUB	B290	VG-0.30x0.35	1463.5	0
CUB	B290	VG-0.30x0.35	1938.6	0
CUB	B290	VG-0.30x0.35	2413.7	250
CUB	B290	VG-0.30x0.35	2888.8	250
CUB	B290	VG-0.30x0.35	3363.9	250
CUB	B290	VG-0.30x0.35	3839	250
CUB	B290	VG-0.30x0.35	4314.1	250
CUB	B291	VG-0.30x0.35	225	250
CUB	B291	VG-0.30x0.35	687.5	250
CUB	B291	VG-0.30x0.35	1150	250
CUB	B291	VG-0.30x0.35	1612.5	250
CUB	B291	VG-0.30x0.35	2075	250
CUB	B291	VG-0.30x0.35	2537.5	250
CUB	B291	VG-0.30x0.35	3000	250
CUB	B291	VG-0.30x0.35	3462.5	250
CUB	B291	VG-0.30x0.35	3925	250
CUB	B292	VG-0.30x0.35	225	250
CUB	B292	VG-0.30x0.35	708.1	250
CUB	B292	VG-0.30x0.35	1191.2	250
CUB	B292	VG-0.30x0.35	1674.4	250
CUB	B292	VG-0.30x0.35	2157.5	250
CUB	B292	VG-0.30x0.35	2640.6	250
CUB	B292	VG-0.30x0.35	3123.7	250
CUB	B292	VG-0.30x0.35	3606.9	250
CUB	B292	VG-0.30x0.35	4090	250
CUB	B293	VG-0.30x0.35	225	250
CUB	B293	VG-0.30x0.35	704.3	250
CUB	B293	VG-0.30x0.35	1183.7	250
CUB	B293	VG-0.30x0.35	1663	250
CUB	B293	VG-0.30x0.35	2142.4	250
CUB	B293	VG-0.30x0.35	2621.7	250
CUB	B293	VG-0.30x0.35	3101.1	250
CUB	B293	VG-0.30x0.35	3580.4	250
CUB	B293	VG-0.30x0.35	4059.8	0
CUB	B293	VG-0.30x0.35	4539.1	0
CUB	B293	VG-0.30x0.35	4539.1	0
CUB	B293	VG-0.30x0.35	5018.5	0
CUB	B293	VG-0.30x0.35	5497.8	250
CUB	B293	VG-0.30x0.35	5977.2	250
CUB	B293	VG-0.30x0.35	6456.5	250
CUB	B293	VG-0.30x0.35	6935.8	250
CUB	B293	VG-0.30x0.35	7415.2	250
CUB	B293	VG-0.30x0.35	7894.5	250
CUB	B293	VG-0.30x0.35	8373.9	250
CUB	B293	VG-0.30x0.35	8853.2	250
CUB	B294	VG-0.30x0.35	225	250
CUB	B294	VG-0.30x0.35	704.3	250
CUB	B294	VG-0.30x0.35	1183.6	250
CUB	B294	VG-0.30x0.35	1662.9	250
CUB	B294	VG-0.30x0.35	2142.2	250
CUB	B294	VG-0.30x0.35	2621.5	250
CUB	B294	VG-0.30x0.35	3100.8	250
CUB	B294	VG-0.30x0.35	3580.1	250
CUB	B294	VG-0.30x0.35	4059.4	0
CUB	B294	VG-0.30x0.35	4538.7	0
CUB	B294	VG-0.30x0.35	4538.7	0
CUB	B294	VG-0.30x0.35	5018	0
CUB	B294	VG-0.30x0.35	5497.3	250
CUB	B294	VG-0.30x0.35	5976.5	250
CUB	B294	VG-0.30x0.35	6455.8	250
CUB	B294	VG-0.30x0.35	6935.1	250
CUB	B294	VG-0.30x0.35	7414.4	250
CUB	B294	VG-0.30x0.35	7893.7	250
CUB	B294	VG-0.30x0.35	8373	250
CUB	B294	VG-0.30x0.35	8852.3	250
CUB	B295	VG-0.30x0.35	225	250
CUB	B295	VG-0.30x0.35	708.1	250
CUB	B295	VG-0.30x0.35	1191.2	250
CUB	B295	VG-0.30x0.35	1674.4	250
CUB	B295	VG-0.30x0.35	2157.5	250
CUB	B295	VG-0.30x0.35	2640.6	250
CUB	B295	VG-0.30x0.35	3123.7	250
CUB	B295	VG-0.30x0.35	3606.9	250
CUB	B295	VG-0.30x0.35	4090	250
CUB	B296	VG-0.30x0.35	225	250
CUB	B296	VG-0.30x0.35	687.5	250
CUB	B296	VG-0.30x0.35	1150	250
CUB	B296	VG-0.30x0.35	1612.5	250
CUB	B296	VG-0.30x0.35	2075	250
CUB	B296	VG-0.30x0.35	2537.5	250
CUB	B296	VG-0.30x0.35	3000	250
CUB	B296	VG-0.30x0.35	3462.5	250

CUB	B296	VG-0.30x0.35	3925	250
CUB	B297	VG-0.30x0.35	225	250
CUB	B297	VG-0.30x0.35	708.1	250
CUB	B297	VG-0.30x0.35	1191.2	250
CUB	B297	VG-0.30x0.35	1674.4	250
CUB	B297	VG-0.30x0.35	2157.5	250
CUB	B297	VG-0.30x0.35	2640.6	250
CUB	B297	VG-0.30x0.35	3123.7	250
CUB	B297	VG-0.30x0.35	3606.9	250
CUB	B297	VG-0.30x0.35	4090	250
CUB	B298	VG-0.30x0.35	225	250
CUB	B298	VG-0.30x0.35	687.5	250
CUB	B298	VG-0.30x0.35	1150	250
CUB	B298	VG-0.30x0.35	1612.5	250
CUB	B298	VG-0.30x0.35	2075	0
CUB	B298	VG-0.30x0.35	2537.5	250
CUB	B298	VG-0.30x0.35	3000	250
CUB	B298	VG-0.30x0.35	3462.5	250
CUB	B298	VG-0.30x0.35	3925	250
CUB	B299	VG-0.30x0.35	225	250
CUB	B299	VG-0.30x0.35	704.3	250
CUB	B299	VG-0.30x0.35	1183.6	250
CUB	B299	VG-0.30x0.35	1662.9	250
CUB	B299	VG-0.30x0.35	2142.2	250
CUB	B299	VG-0.30x0.35	2621.5	250
CUB	B299	VG-0.30x0.35	3100.8	250
CUB	B299	VG-0.30x0.35	3580.1	0
CUB	B299	VG-0.30x0.35	4059.4	0
CUB	B299	VG-0.30x0.35	4538.7	0
CUB	B299	VG-0.30x0.35	4538.7	0
CUB	B299	VG-0.30x0.35	5018	0
CUB	B299	VG-0.30x0.35	5497.3	0
CUB	B299	VG-0.30x0.35	5976.6	250
CUB	B299	VG-0.30x0.35	6455.9	250
CUB	B299	VG-0.30x0.35	6935.2	250
CUB	B299	VG-0.30x0.35	7414.5	250
CUB	B299	VG-0.30x0.35	7893.8	250
CUB	B299	VG-0.30x0.35	8373.1	250
CUB	B299	VG-0.30x0.35	8852.4	250
CUB	B300	VG-0.30x0.35	225	250
CUB	B300	VG-0.30x0.35	704.3	250
CUB	B300	VG-0.30x0.35	1183.7	250
CUB	B300	VG-0.30x0.35	1663	250
CUB	B300	VG-0.30x0.35	2142.4	250
CUB	B300	VG-0.30x0.35	2621.7	250
CUB	B300	VG-0.30x0.35	3101.1	250
CUB	B300	VG-0.30x0.35	3580.4	0
CUB	B300	VG-0.30x0.35	4059.8	0
CUB	B300	VG-0.30x0.35	4539.1	0
CUB	B300	VG-0.30x0.35	4539.1	0
CUB	B300	VG-0.30x0.35	5018.5	0
CUB	B300	VG-0.30x0.35	5497.8	0
CUB	B300	VG-0.30x0.35	5977.2	250
CUB	B300	VG-0.30x0.35	6456.5	250
CUB	B300	VG-0.30x0.35	6935.8	250
CUB	B300	VG-0.30x0.35	7415.2	250
CUB	B300	VG-0.30x0.35	7894.5	250
CUB	B300	VG-0.30x0.35	8373.9	250
CUB	B300	VG-0.30x0.35	8853.2	250
CUB	B301	VG-0.30x0.35	225	250
CUB	B301	VG-0.30x0.35	719.9	250
CUB	B301	VG-0.30x0.35	1214.7	250
CUB	B301	VG-0.30x0.35	1709.6	250
CUB	B301	VG-0.30x0.35	2204.4	0
CUB	B301	VG-0.30x0.35	2699.3	0
CUB	B301	VG-0.30x0.35	3194.1	250
CUB	B301	VG-0.30x0.35	3689	250
CUB	B301	VG-0.30x0.35	4183.8	250
CUB	B302	VG-0.30x0.35	225	250
CUB	B302	VG-0.30x0.35	679.3	250
CUB	B302	VG-0.30x0.35	1133.6	250
CUB	B302	VG-0.30x0.35	1587.9	250
CUB	B302	VG-0.30x0.35	2042.2	0
CUB	B302	VG-0.30x0.35	2496.5	0
CUB	B302	VG-0.30x0.35	2950.8	0
CUB	B302	VG-0.30x0.35	3405.1	250
CUB	B302	VG-0.30x0.35	3859.4	250
CUB	B302	VG-0.30x0.35	4313.7	250
CUB	B303	VG-0.30x0.35	225	250
CUB	B303	VG-0.30x0.35	666.3	250
CUB	B303	VG-0.30x0.35	1107.6	250
CUB	B303	VG-0.30x0.35	1548.9	250
CUB	B303	VG-0.30x0.35	1990.2	250
CUB	B303	VG-0.30x0.35	2431.5	250
CUB	B303	VG-0.30x0.35	2872.8	250
CUB	B303	VG-0.30x0.35	3314.1	250
CUB	B306	VG-0.30x0.35	225	250
CUB	B306	VG-0.30x0.35	684.8	250
CUB	B306	VG-0.30x0.35	1144.6	250
CUB	B306	VG-0.30x0.35	1604.4	250
CUB	B306	VG-0.30x0.35	2064.1	0
CUB	B306	VG-0.30x0.35	2523.9	0
CUB	B306	VG-0.30x0.35	2983.7	0
CUB	B306	VG-0.30x0.35	3443.5	0
CUB	B306	VG-0.30x0.35	3903.3	0
CUB	B306	VG-0.30x0.35	4363.1	250
CUB	B306	VG-0.30x0.35	4822.9	250
CUB	B306	VG-0.30x0.35	5282.7	250
CUB	B307	VG-0.30x0.35	225	250
CUB	B307	VG-0.30x0.35	684.8	250
CUB	B307	VG-0.30x0.35	1144.6	250
CUB	B307	VG-0.30x0.35	1604.4	250
CUB	B307	VG-0.30x0.35	2064.1	0
CUB	B307	VG-0.30x0.35	2523.9	0
CUB	B307	VG-0.30x0.35	2983.7	0
CUB	B307	VG-0.30x0.35	3443.5	0
CUB	B307	VG-0.30x0.35	3903.3	0
CUB	B307	VG-0.30x0.35	4363.1	250
CUB	B307	VG-0.30x0.35	4822.9	250
CUB	B307	VG-0.30x0.35	5282.7	250
CUB	B311	VG-0.30x0.35	0	0
CUB	B311	VG-0.30x0.35	479.4	0
CUB	B311	VG-0.30x0.35	958.9	0
CUB	B311	VG-0.30x0.35	1438.3	0
CUB	B311	VG-0.30x0.35	1917.8	0
CUB	B311	VG-0.30x0.35	2397.2	0
CUB	B311	VG-0.30x0.35	2876.7	0
CUB	B311	VG-0.30x0.35	3356.1	0
CUB	B311	VG-0.30x0.35	3835.6	0
CUB	B311	VG-0.30x0.35	4315	0
CUB	B311	VG-0.30x0.35	4315	0
CUB	B311	VG-0.30x0.35	4805.6	0
CUB	B311	VG-0.30x0.35	5296.2	0
CUB	B311	VG-0.30x0.35	5786.9	0
CUB	B311	VG-0.30x0.35	6277.5	0
CUB	B311	VG-0.30x0.35	6768.1	0
CUB	B311	VG-0.30x0.35	7258.7	0
CUB	B311	VG-0.30x0.35	7749.4	250
CUB	B311	VG-0.30x0.35	8240	250
CUB	B312	VG-0.30x0.35	0	0
CUB	B312	VG-0.30x0.35	479.4	0
CUB	B312	VG-0.30x0.35	958.9	0
CUB	B312	VG-0.30x0.35	1438.3	0
CUB	B312	VG-0.30x0.35	1917.8	0
CUB	B312	VG-0.30x0.35	2397.2	0
CUB	B312	VG-0.30x0.35	2876.7	0
CUB	B312	VG-0.30x0.35	3356.1	0
CUB	B312	VG-0.30x0.35	3835.6	0
CUB	B312	VG-0.30x0.35	4315	0
CUB	B312	VG-0.30x0.35	4315	0
CUB	B312	VG-0.30x0.35	4805.6	0
CUB	B312	VG-0.30x0.35	5296.2	0
CUB	B312	VG-0.30x0.35	5786.9	0
CUB	B312	VG-0.30x0.35	6277.5	0
CUB	B312	VG-0.30x0.35	6768.1	0
CUB	B312	VG-0.30x0.35	7258.7	0
CUB	B312	VG-0.30x0.35	7749.4	250
CUB	B312	VG-0.30x0.35	8240	250
CUB	B338	VG-0.30x0.35	225	250
CUB	B338	VG-0.30x0.35	679.3	250
CUB	B338	VG-0.30x0.35	1133.6	250
CUB	B338	VG-0.30x0.35	1587.9	250
CUB	B338	VG-0.30x0.35	2042.2	250
CUB	B338	VG-0.30x0.35	2496.5	250
CUB	B338	VG-0.30x0.35	2950.8	250
CUB	B338	VG-0.30x0.35	3405.1	250
CUB	B338	VG-0.30x0.35	3859.4	250
CUB	B338	VG-0.30x0.35	4313.7	250
CUB	B339	VG-0.30x0.35	225	250
CUB	B339	VG-0.30x0.35	665.8	250
CUB	B339	VG-0.30x0.35	1106.7	250
CUB	B339	VG-0.30x0.35	1547.5	250
CUB	B339	VG-0.30x0.35	1988.4	250
CUB	B340	VG-0.30x0.35	0	0
CUB	B340	VG-0.30x0.35	443.8	0
CUB	B340	VG-0.30x0.35	887.7	0
CUB	B340	VG-0.30x0.35	1331.5	0
CUB	B340	VG-0.30x0.35	1775.4	0
CUB	B340	VG-0.30x0.35	2219.2	0
CUB	B340	VG-0.30x0.35	2663	0
CUB	B340	VG-0.30x0.35	3106.9	0
CUB	B340	VG-0.30x0.35	3550.7	0
CUB	B341	VG-0.30x0.35	225	250
CUB	B341	VG-0.30x0.35	705.4	250
CUB	B341	VG-0.30x0.35	1185.9	250
CUB	B341	VG-0.30x0.35	1666.3	250
CUB	B341	VG-0.30x0.35	2146.8	250
CUB	B341	VG-0.30x0.35	2627.2	0
CUB	B341	VG-0.30x0.35	3107.7	0
CUB	B346	VG-0.30x0.35	0	0
CUB	B346	VG-0.30x0.35	467.3	0
CUB	B346	VG-0.30x0.35	934.7	0
CUB	B346	VG-0.30x0.35	1402	0
CUB	B346	VG-0.30x0.35	1869.4	250
CUB	B349	VG-0.30x0.35	0	250
CUB	B349	VG-0.30x0.35	444	250
CUB	B349	VG-0.30x0.35	887.9	250
CUB	B349	VG-0.30x0.35	1331.9	0
CUB	B349	VG-0.30x0.35	1775.8	0
CUB	B349	VG-0.30x0.35	2219.8	0

CUB	B349	VG-0.30x0.35	2663.7	0
CUB	B349	VG-0.30x0.35	3107.7	0
CUB	B349	VG-0.30x0.35	3107.7	0
CUB	B349	VG-0.30x0.35	3587.7	0
CUB	B349	VG-0.30x0.35	4067.7	0
CUB	B349	VG-0.30x0.35	4547.7	0
CUB	B349	VG-0.30x0.35	5027.7	250
CUB	B349	VG-0.30x0.35	5507.7	250
CUB	B2	VG-0.30x0.35	225	250
CUB	B2	VG-0.30x0.35	705.6	250
CUB	B2	VG-0.30x0.35	1186.2	250
CUB	B2	VG-0.30x0.35	1666.8	250
CUB	B2	VG-0.30x0.35	2147.3	250
CUB	B2	VG-0.30x0.35	2627.9	250
CUB	B2	VG-0.30x0.35	3108.5	250
CUB	B2	VG-0.30x0.35	3108.5	250
CUB	B2	VG-0.30x0.35	3543.6	250
CUB	B2	VG-0.30x0.35	3978.8	250
CUB	B2	VG-0.30x0.35	4413.9	250
CUB	B2	VG-0.30x0.35	4849	250
CUB	B2	VG-0.30x0.35	5284.2	250
CUB	B3	VG-0.30x0.35	0	0
CUB	B3	VG-0.30x0.35	433.5	0
CUB	B3	VG-0.30x0.35	867.1	0
CUB	B3	VG-0.30x0.35	1300.6	0
CUB	B3	VG-0.30x0.35	1734.1	250
CUB	B3	VG-0.30x0.35	2167.6	250
P2	B261	VG-0.35x0.45	0	0
P2	B261	VG-0.35x0.45	337.4	0
P2	B261	VG-0.35x0.45	674.7	0
P2	B261	VG-0.35x0.45	674.7	291.667
P2	B261	VG-0.35x0.45	1012.1	291.667
P2	B261	VG-0.35x0.45	1349.5	291.667
P2	B261	VG-0.35x0.45	1349.5	291.667
P2	B261	VG-0.35x0.45	1616.9	291.667
P2	B261	VG-0.35x0.45	1884.4	291.667
P2	B266	VG-0.35x0.45	225	787.619
P2	B266	VG-0.35x0.45	600.9	746.244
P2	B266	VG-0.35x0.45	976.7	704.869
P2	B266	VG-0.35x0.45	976.7	346.15
P2	B266	VG-0.35x0.45	1407.6	298.72
P2	B266	VG-0.35x0.45	1838.5	291.667
P2	B266	VG-0.35x0.45	1838.5	291.667
P2	B266	VG-0.35x0.45	2269.3	291.667
P2	B266	VG-0.35x0.45	2700.2	291.667
P2	B266	VG-0.35x0.45	2700.2	291.667
P2	B266	VG-0.35x0.45	3131.1	291.667
P2	B266	VG-0.35x0.45	3561.9	317.323
P2	B266	VG-0.35x0.45	3561.9	676.042
P2	B266	VG-0.35x0.45	3937.8	717.417
P2	B266	VG-0.35x0.45	4313.7	758.793
P2	B289	VG-0.35x0.45	225	778.733
P2	B289	VG-0.35x0.45	600.9	737.353
P2	B289	VG-0.35x0.45	976.8	695.973
P2	B289	VG-0.35x0.45	976.8	337.223
P2	B289	VG-0.35x0.45	1407.7	291.667
P2	B289	VG-0.35x0.45	1838.6	291.667
P2	B289	VG-0.35x0.45	1838.6	291.667
P2	B289	VG-0.35x0.45	2269.6	291.667
P2	B289	VG-0.35x0.45	2700.5	291.667
P2	B289	VG-0.35x0.45	2700.5	291.667
P2	B289	VG-0.35x0.45	3131.4	291.667
P2	B289	VG-0.35x0.45	3562.3	321.699
P2	B289	VG-0.35x0.45	3562.3	639.786
P2	B289	VG-0.35x0.45	3938.2	681.167
P2	B289	VG-0.35x0.45	4314.1	722.547
P2	B290	VG-0.35x0.45	225	823.077
P2	B290	VG-0.35x0.45	605.9	781.146
P2	B290	VG-0.35x0.45	986.8	739.216
P2	B290	VG-0.35x0.45	986.8	385.513
P2	B290	VG-0.35x0.45	1422.7	337.528
P2	B290	VG-0.35x0.45	1858.6	291.667
P2	B290	VG-0.35x0.45	1858.6	291.667
P2	B290	VG-0.35x0.45	2294.6	291.667
P2	B290	VG-0.35x0.45	2730.5	291.667
P2	B290	VG-0.35x0.45	2730.5	291.667
P2	B290	VG-0.35x0.45	2863.4	291.667
P2	B290	VG-0.35x0.45	2863.4	295.965
P2	B290	VG-0.35x0.45	3232.8	336.634
P2	B290	VG-0.35x0.45	3602.3	377.303
P2	B290	VG-0.35x0.45	3602.3	622.24
P2	B290	VG-0.35x0.45	3958.2	661.419
P2	B290	VG-0.35x0.45	4314.1	700.598
P2	B291	VG-0.35x0.45	225	291.667
P2	B291	VG-0.35x0.45	687.5	291.667
P2	B291	VG-0.35x0.45	1150	291.667
P2	B291	VG-0.35x0.45	1612.5	291.667
P2	B291	VG-0.35x0.45	2075	291.667
P2	B291	VG-0.35x0.45	2537.5	291.667
P2	B291	VG-0.35x0.45	3000	291.667
P2	B291	VG-0.35x0.45	3462.5	291.667
P2	B291	VG-0.35x0.45	3925	291.667
P2	B292	VG-0.35x0.45	225	291.667
P2	B292	VG-0.35x0.45	708.1	291.667
P2	B292	VG-0.35x0.45	1191.2	291.667
P2	B292	VG-0.35x0.45	1674.4	291.667
P2	B292	VG-0.35x0.45	2157.5	291.667
P2	B292	VG-0.35x0.45	2640.6	291.667
P2	B292	VG-0.35x0.45	3123.7	291.667
P2	B292	VG-0.35x0.45	3606.9	291.667
P2	B292	VG-0.35x0.45	4090	291.667
P2	B293	VG-0.35x0.55	225	659.807
P2	B293	VG-0.35x0.55	600.9	624.379
P2	B293	VG-0.35x0.55	976.8	588.951
P2	B293	VG-0.35x0.55	976.8	483.696
P2	B293	VG-0.35x0.55	1407.7	443.085
P2	B293	VG-0.35x0.55	1838.6	402.474
P2	B293	VG-0.35x0.55	1838.6	302.728
P2	B293	VG-0.35x0.55	2269.6	291.667
P2	B293	VG-0.35x0.55	2700.5	291.667
P2	B293	VG-0.35x0.55	2700.5	291.667
P2	B293	VG-0.35x0.55	3131.4	291.667
P2	B293	VG-0.35x0.55	3562.3	291.667
P2	B293	VG-0.35x0.55	3562.3	291.667
P2	B293	VG-0.35x0.55	4050.7	291.667
P2	B293	VG-0.35x0.55	4539.1	291.667
P2	B293	VG-0.35x0.55	4539.1	291.667
P2	B293	VG-0.35x0.55	5032.5	291.667
P2	B293	VG-0.35x0.55	5525.9	291.667
P2	B293	VG-0.35x0.55	5525.9	291.667
P2	B293	VG-0.35x0.55	5961.9	291.667
P2	B293	VG-0.35x0.55	6397.8	291.667
P2	B293	VG-0.35x0.55	6397.8	291.667
P2	B293	VG-0.35x0.55	6833.7	291.667
P2	B293	VG-0.35x0.55	7269.6	291.667
P2	B293	VG-0.35x0.55	7269.6	347.761
P2	B293	VG-0.35x0.55	7705.5	388.843
P2	B293	VG-0.35x0.55	8141.4	429.926
P2	B293	VG-0.35x0.55	8141.4	533.744
P2	B293	VG-0.35x0.55	8497.3	567.287
P2	B293	VG-0.35x0.55	8853.2	600.829
P2	B294	VG-0.35x0.55	225	603.793
P2	B294	VG-0.35x0.55	580.9	570.254
P2	B294	VG-0.35x0.55	936.7	536.716
P2	B294	VG-0.35x0.55	936.7	432.905
P2	B294	VG-0.35x0.55	1372.6	391.827
P2	B294	VG-0.35x0.55	1808.5	350.749
P2	B294	VG-0.35x0.55	1808.5	291.667
P2	B294	VG-0.35x0.55	2244.3	291.667
P2	B294	VG-0.35x0.55	2680.2	291.667
P2	B294	VG-0.35x0.55	2680.2	291.667
P2	B294	VG-0.35x0.55	3116.1	291.667
P2	B294	VG-0.35x0.55	3551.9	291.667
P2	B294	VG-0.35x0.55	3551.9	291.667
P2	B294	VG-0.35x0.55	4045.3	291.667
P2	B294	VG-0.35x0.55	4538.7	291.667
P2	B294	VG-0.35x0.55	4538.7	291.667
P2	B294	VG-0.35x0.55	5027	291.667
P2	B294	VG-0.35x0.55	5515.4	291.667
P2	B294	VG-0.35x0.55	5515.4	291.667
P2	B294	VG-0.35x0.55	5946.3	291.667
P2	B294	VG-0.35x0.55	6377.1	291.667
P2	B294	VG-0.35x0.55	6377.1	291.667
P2	B294	VG-0.35x0.55	6808	291.667
P2	B294	VG-0.35x0.55	7238.9	300.074
P2	B294	VG-0.35x0.55	7238.9	399.811
P2	B294	VG-0.35x0.55	7669.7	440.418
P2	B294	VG-0.35x0.55	8100.6	481.025
P2	B294	VG-0.35x0.55	8100.6	586.271
P2	B294	VG-0.35x0.55	8476.5	621.695
P2	B294	VG-0.35x0.55	8852.3	657.118
P2	B295	VG-0.35x0.45	225	291.667
P2	B295	VG-0.35x0.45	708.1	291.667
P2	B295	VG-0.35x0.45	1191.2	291.667
P2	B295	VG-0.35x0.45	1674.4	291.667
P2	B295	VG-0.35x0.45	2157.5	291.667
P2	B295	VG-0.35x0.45	2640.6	291.667
P2	B295	VG-0.35x0.45	3123.7	291.667
P2	B295	VG-0.35x0.45	3606.9	291.667
P2	B295	VG-0.35x0.45	4090	291.667
P2	B296	VG-0.35x0.45	225	291.667
P2	B296	VG-0.35x0.45	687.5	291.667
P2	B296	VG-0.35x0.45	1150	291.667
P2	B296	VG-0.35x0.45	1612.5	291.667
P2	B296	VG-0.35x0.45	2075	291.667
P2	B296	VG-0.35x0.45	2537.5	291.667
P2	B296	VG-0.35x0.45	3000	291.667
P2	B296	VG-0.35x0.45	3462.5	291.667
P2	B296	VG-0.35x0.45	3925	291.667
P2	B297	VG-0.35x0.45	225	291.667
P2	B297	VG-0.35x0.45	708.1	291.667
P2	B297	VG-0.35x0.45	1191.2	291.667
P2	B297	VG-0.35x0.45	1674.4	291.667
P2	B297	VG-0.35x0.45	2157.5	291.667
P2	B297	VG-0.35x0.45	2640.6	291.667
P2	B297	VG-0.35x0.45	3123.7	291.667
P2	B297	VG-0.35x0.45	3606.9	291.667
P2	B297	VG-0.35x0.45	4090	291.667
P2	B298	VG-0.35x0.45	225	291.667
P2	B298	VG-0.35x0.45	687.5	291.667

P2	B298	VG-0.35x0.45	1150	291.667
P2	B298	VG-0.35x0.45	1612.5	291.667
P2	B298	VG-0.35x0.45	2075	291.667
P2	B298	VG-0.35x0.45	2537.5	291.667
P2	B298	VG-0.35x0.45	3000	291.667
P2	B298	VG-0.35x0.45	3462.5	291.667
P2	B298	VG-0.35x0.45	3925	291.667
P2	B299	VG-0.35x0.55	225	632.874
P2	B299	VG-0.35x0.55	580.9	619.896
P2	B299	VG-0.35x0.55	936.8	606.917
P2	B299	VG-0.35x0.55	936.8	403.263
P2	B299	VG-0.35x0.55	1372.7	387.369
P2	B299	VG-0.35x0.55	1808.5	371.474
P2	B299	VG-0.35x0.55	1808.5	291.667
P2	B299	VG-0.35x0.55	2244.4	291.667
P2	B299	VG-0.35x0.55	2680.3	291.667
P2	B299	VG-0.35x0.55	2680.3	291.667
P2	B299	VG-0.35x0.55	3116.1	291.667
P2	B299	VG-0.35x0.55	3552	291.667
P2	B299	VG-0.35x0.55	3552	291.667
P2	B299	VG-0.35x0.55	4045.4	291.667
P2	B299	VG-0.35x0.55	4538.7	0
P2	B299	VG-0.35x0.55	4538.7	291.667
P2	B299	VG-0.35x0.55	5027.1	291.667
P2	B299	VG-0.35x0.55	5515.5	291.667
P2	B299	VG-0.35x0.55	5515.5	291.667
P2	B299	VG-0.35x0.55	5946.3	291.667
P2	B299	VG-0.35x0.55	6377.2	291.667
P2	B299	VG-0.35x0.55	6377.2	291.667
P2	B299	VG-0.35x0.55	6808.1	291.667
P2	B299	VG-0.35x0.55	7238.9	291.667
P2	B299	VG-0.35x0.55	7238.9	414.478
P2	B299	VG-0.35x0.55	7669.8	430.19
P2	B299	VG-0.35x0.55	8100.7	445.903
P2	B299	VG-0.35x0.55	8100.7	652.371
P2	B299	VG-0.35x0.55	8476.5	666.078
P2	B299	VG-0.35x0.55	8852.4	679.785
P2	B300	VG-0.35x0.55	225	688.727
P2	B300	VG-0.35x0.55	600.9	675.018
P2	B300	VG-0.35x0.55	976.8	661.31
P2	B300	VG-0.35x0.55	976.8	454.824
P2	B300	VG-0.35x0.55	1407.7	439.111
P2	B300	VG-0.35x0.55	1838.6	423.397
P2	B300	VG-0.35x0.55	1838.6	291.667
P2	B300	VG-0.35x0.55	2269.6	291.667
P2	B300	VG-0.35x0.55	2700.5	291.667
P2	B300	VG-0.35x0.55	2700.5	291.667
P2	B300	VG-0.35x0.55	3131.4	291.667
P2	B300	VG-0.35x0.55	3562.3	291.667
P2	B300	VG-0.35x0.55	3562.3	291.667
P2	B300	VG-0.35x0.55	4050.7	291.667
P2	B300	VG-0.35x0.55	4539.1	291.667
P2	B300	VG-0.35x0.55	4539.1	0
P2	B300	VG-0.35x0.55	5032.5	0
P2	B300	VG-0.35x0.55	5525.9	291.667
P2	B300	VG-0.35x0.55	5525.9	291.667
P2	B300	VG-0.35x0.55	5961.9	291.667
P2	B300	VG-0.35x0.55	6397.8	291.667
P2	B300	VG-0.35x0.55	6397.8	291.667
P2	B300	VG-0.35x0.55	6833.7	291.667
P2	B300	VG-0.35x0.55	7269.6	291.667
P2	B300	VG-0.35x0.55	7269.6	358.501
P2	B300	VG-0.35x0.55	7705.5	374.397
P2	B300	VG-0.35x0.55	8141.4	390.294
P2	B300	VG-0.35x0.55	8141.4	593.96
P2	B300	VG-0.35x0.55	8497.3	606.939
P2	B300	VG-0.35x0.55	8853.2	619.918
P2	B301	VG-0.35x0.45	225	434.1
P2	B301	VG-0.35x0.45	515.9	416.268
P2	B301	VG-0.35x0.45	806.9	398.437
P2	B301	VG-0.35x0.45	806.9	291.667
P2	B301	VG-0.35x0.45	1242.8	291.667
P2	B301	VG-0.35x0.45	1678.6	291.667
P2	B301	VG-0.35x0.45	1678.6	291.667
P2	B301	VG-0.35x0.45	2114.5	291.667
P2	B301	VG-0.35x0.45	2550.4	291.667
P2	B301	VG-0.35x0.45	2550.4	291.667
P2	B301	VG-0.35x0.45	2986.2	291.667
P2	B301	VG-0.35x0.45	3422.1	291.667
P2	B301	VG-0.35x0.45	3422.1	310.676
P2	B301	VG-0.35x0.45	3803	334.019
P2	B301	VG-0.35x0.45	4183.8	357.361
P2	B302	VG-0.35x0.45	225	376.086
P2	B302	VG-0.35x0.45	600.9	353.05
P2	B302	VG-0.35x0.45	976.7	330.014
P2	B302	VG-0.35x0.45	976.7	291.667
P2	B302	VG-0.35x0.45	1407.6	291.667
P2	B302	VG-0.35x0.45	1838.5	291.667
P2	B302	VG-0.35x0.45	1838.5	291.667
P2	B302	VG-0.35x0.45	2269.3	291.667
P2	B302	VG-0.35x0.45	2700.2	291.667
P2	B302	VG-0.35x0.45	2700.2	291.667
P2	B302	VG-0.35x0.45	3131.1	291.667
P2	B302	VG-0.35x0.45	3561.9	291.667
P2	B302	VG-0.35x0.45	3561.9	292.581
P2	B302	VG-0.35x0.45	3937.8	315.617
P2	B302	VG-0.35x0.45	4313.7	338.653
P2	B303	VG-0.35x0.45	225	416.47
P2	B303	VG-0.35x0.45	600.9	393.431
P2	B303	VG-0.35x0.45	976.8	370.392
P2	B303	VG-0.35x0.45	976.8	291.667
P2	B303	VG-0.35x0.45	1407.7	291.667
P2	B303	VG-0.35x0.45	1838.6	291.667
P2	B303	VG-0.35x0.45	1838.6	291.667
P2	B303	VG-0.35x0.45	2269.6	291.667
P2	B303	VG-0.35x0.45	2700.5	291.667
P2	B303	VG-0.35x0.45	2700.5	328.227
P2	B303	VG-0.35x0.45	3007.3	347.032
P2	B303	VG-0.35x0.45	3314.1	365.836
P2	B304	VG-0.35x0.45	225	371.908
P2	B304	VG-0.35x0.45	650.5	345.833
P2	B304	VG-0.35x0.45	1075.9	319.757
P2	B304	VG-0.35x0.45	1075.9	291.667
P2	B304	VG-0.35x0.45	1531.4	291.667
P2	B304	VG-0.35x0.45	1986.8	291.667
P2	B304	VG-0.35x0.45	1986.8	291.667
P2	B304	VG-0.35x0.45	2422.7	291.667
P2	B304	VG-0.35x0.45	2858.6	291.667
P2	B304	VG-0.35x0.45	2858.6	291.667
P2	B304	VG-0.35x0.45	3248.5	291.667
P2	B304	VG-0.35x0.45	3638.4	302.673
P2	B306	VG-0.35x0.45	225	291.667
P2	B306	VG-0.35x0.45	684.8	291.667
P2	B306	VG-0.35x0.45	1144.6	291.667
P2	B306	VG-0.35x0.45	1604.4	291.667
P2	B306	VG-0.35x0.45	2064.1	291.667
P2	B306	VG-0.35x0.45	2523.9	291.667
P2	B306	VG-0.35x0.45	2983.7	291.667
P2	B306	VG-0.35x0.45	3443.5	291.667
P2	B306	VG-0.35x0.45	3903.3	291.667
P2	B306	VG-0.35x0.45	4363.1	291.667
P2	B306	VG-0.35x0.45	4822.9	291.667
P2	B306	VG-0.35x0.45	5282.7	291.667
P2	B307	VG-0.35x0.45	225	291.667
P2	B307	VG-0.35x0.45	684.8	291.667
P2	B307	VG-0.35x0.45	1144.6	291.667
P2	B307	VG-0.35x0.45	1604.4	291.667
P2	B307	VG-0.35x0.45	2064.1	291.667
P2	B307	VG-0.35x0.45	2523.9	291.667
P2	B307	VG-0.35x0.45	2983.7	0
P2	B307	VG-0.35x0.45	3443.5	291.667
P2	B307	VG-0.35x0.45	3903.3	291.667
P2	B307	VG-0.35x0.45	4363.1	291.667
P2	B307	VG-0.35x0.45	4822.9	291.667
P2	B307	VG-0.35x0.45	5282.7	291.667
P2	B308	VG-0.35x0.45	225	291.667
P2	B308	VG-0.35x0.45	693	291.667
P2	B308	VG-0.35x0.45	1160.9	291.667
P2	B308	VG-0.35x0.45	1628.9	291.667
P2	B308	VG-0.35x0.45	2096.9	291.667
P2	B308	VG-0.35x0.45	2564.9	291.667
P2	B308	VG-0.35x0.45	3032.8	0
P2	B308	VG-0.35x0.45	3500.8	291.667
P2	B308	VG-0.35x0.45	3968.8	291.667
P2	B308	VG-0.35x0.45	4436.8	291.667
P2	B308	VG-0.35x0.45	4904.7	291.667
P2	B308	VG-0.35x0.45	5372.7	291.667
P2	B309	VG-0.35x0.45	0	0
P2	B309	VG-0.35x0.45	369.4	0
P2	B309	VG-0.35x0.45	738.9	0
P2	B309	VG-0.35x0.45	738.9	0
P2	B309	VG-0.35x0.45	1207.3	0
P2	B309	VG-0.35x0.45	1675.7	0
P2	B310	VG-0.35x0.45	225	291.667
P2	B310	VG-0.35x0.45	701.3	291.667
P2	B310	VG-0.35x0.45	1177.6	291.667
P2	B310	VG-0.35x0.45	1653.8	291.667
P2	B310	VG-0.35x0.45	2130.1	0
P2	B310	VG-0.35x0.45	2606.4	0
P2	B310	VG-0.35x0.45	3082.7	0
P2	B311	VG-0.35x0.45	0	0
P2	B311	VG-0.35x0.45	479.4	0
P2	B311	VG-0.35x0.45	958.9	0
P2	B311	VG-0.35x0.45	1438.3	0
P2	B311	VG-0.35x0.45	1917.8	0
P2	B311	VG-0.35x0.45	2397.2	0
P2	B311	VG-0.35x0.45	2876.7	0
P2	B311	VG-0.35x0.45	3356.1	0
P2	B311	VG-0.35x0.45	3835.6	0
P2	B311	VG-0.35x0.45	4315	0
P2	B311	VG-0.35x0.45	4315	0
P2	B311	VG-0.35x0.45	4805.6	0
P2	B311	VG-0.35x0.45	5296.2	291.667
P2	B311	VG-0.35x0.45	5786.9	291.667
P2	B311	VG-0.35x0.45	6277.5	291.667
P2	B311	VG-0.35x0.45	6768.1	291.667
P2	B311	VG-0.35x0.45	7258.7	291.667
P2	B311	VG-0.35x0.45	7749.4	291.667
P2	B311	VG-0.35x0.45	8240	291.667
P2	B312	VG-0.35x0.45	0	0

P2	B312	VG-0.35x0.45	479.4	0
P2	B312	VG-0.35x0.45	958.9	0
P2	B312	VG-0.35x0.45	1438.3	0
P2	B312	VG-0.35x0.45	1917.8	0
P2	B312	VG-0.35x0.45	2397.2	0
P2	B312	VG-0.35x0.45	2876.7	0
P2	B312	VG-0.35x0.45	3356.1	0
P2	B312	VG-0.35x0.45	3835.6	0
P2	B312	VG-0.35x0.45	4315	0
P2	B312	VG-0.35x0.45	4315	0
P2	B312	VG-0.35x0.45	4805.6	0
P2	B312	VG-0.35x0.45	5296.2	291.667
P2	B312	VG-0.35x0.45	5786.9	291.667
P2	B312	VG-0.35x0.45	6277.5	291.667
P2	B312	VG-0.35x0.45	6768.1	291.667
P2	B312	VG-0.35x0.45	7258.7	291.667
P2	B312	VG-0.35x0.45	7749.4	291.667
P2	B312	VG-0.35x0.45	8240	291.667
P2	B338	VG-0.35x0.45	225	800.952
P2	B338	VG-0.35x0.45	580.9	761.778
P2	B338	VG-0.35x0.45	936.7	722.605
P2	B338	VG-0.35x0.45	936.7	373.753
P2	B338	VG-0.35x0.45	1372.6	325.773
P2	B338	VG-0.35x0.45	1808.5	291.667
P2	B338	VG-0.35x0.45	1808.5	291.667
P2	B338	VG-0.35x0.45	2244.3	291.667
P2	B338	VG-0.35x0.45	2680.2	291.667
P2	B338	VG-0.35x0.45	2680.2	291.667
P2	B338	VG-0.35x0.45	3116.1	291.667
P2	B338	VG-0.35x0.45	3551.9	333.847
P2	B338	VG-0.35x0.45	3551.9	695.943
P2	B338	VG-0.35x0.45	3932.8	737.869
P2	B338	VG-0.35x0.45	4313.7	779.794
P2	B350	VG-0.35x0.45	225	291.667
P2	B350	VG-0.35x0.45	711.2	291.667
P2	B350	VG-0.35x0.45	1197.5	291.667
P2	B350	VG-0.35x0.45	1683.7	291.667
P2	B350	VG-0.35x0.45	2170	291.667
P2	B350	VG-0.35x0.45	2656.2	0
P2	B350	VG-0.35x0.45	3142.5	0
P2	B350	VG-0.35x0.45	3628.7	0
P2	B350	VG-0.35x0.45	4115	291.667
P2	B350	VG-0.35x0.45	4601.2	291.667
P2	B350	VG-0.35x0.45	5087.5	291.667
P2	B350	VG-0.35x0.45	5573.7	291.667
P2	B350	VG-0.35x0.45	6060	291.667
P2	B351	VG-0.35x0.45	225	291.667
P2	B351	VG-0.35x0.45	679.3	291.667
P2	B351	VG-0.35x0.45	1133.7	291.667
P2	B351	VG-0.35x0.45	1588	0
P2	B351	VG-0.35x0.45	2042.4	0
P2	B351	VG-0.35x0.45	2496.7	0
P2	B351	VG-0.35x0.45	2951.1	0
P2	B351	VG-0.35x0.45	3405.4	291.667
P2	B351	VG-0.35x0.45	3859.8	291.667
P2	B351	VG-0.35x0.45	4314.1	291.667
P2	B352	VG-0.35x0.45	225	291.667
P2	B352	VG-0.35x0.45	679.3	291.667
P2	B352	VG-0.35x0.45	1133.7	0
P2	B352	VG-0.35x0.45	1588	0
P2	B352	VG-0.35x0.45	2042.4	0
P2	B352	VG-0.35x0.45	2496.7	0
P2	B352	VG-0.35x0.45	2951.1	0
P2	B352	VG-0.35x0.45	3405.4	0
P2	B352	VG-0.35x0.45	3859.8	291.667
P2	B352	VG-0.35x0.45	4314.1	291.667
P2	B353	VG-0.35x0.45	225	291.667
P2	B353	VG-0.35x0.45	679.3	291.667
P2	B353	VG-0.35x0.45	1133.6	0
P2	B353	VG-0.35x0.45	1587.9	0
P2	B353	VG-0.35x0.45	2042.2	0
P2	B353	VG-0.35x0.45	2496.5	0
P2	B353	VG-0.35x0.45	2950.8	0
P2	B353	VG-0.35x0.45	3405.1	0
P2	B353	VG-0.35x0.45	3859.4	291.667
P2	B353	VG-0.35x0.45	4313.7	291.667
P2	B354	VG-0.35x0.45	225	291.667
P2	B354	VG-0.35x0.45	679.3	291.667
P2	B354	VG-0.35x0.45	1133.6	291.667
P2	B354	VG-0.35x0.45	1587.9	0
P2	B354	VG-0.35x0.45	2042.2	0
P2	B354	VG-0.35x0.45	2496.5	0
P2	B354	VG-0.35x0.45	2950.8	0
P2	B354	VG-0.35x0.45	3405.1	291.667
P2	B354	VG-0.35x0.45	3859.4	291.667
P2	B354	VG-0.35x0.45	4313.7	291.667
P2	B355	VG-0.35x0.45	225	291.667
P2	B355	VG-0.35x0.45	691.2	291.667
P2	B355	VG-0.35x0.45	1157.3	291.667
P2	B355	VG-0.35x0.45	1623.5	0
P2	B355	VG-0.35x0.45	2089.6	0
P2	B355	VG-0.35x0.45	2555.8	0
P2	B355	VG-0.35x0.45	3021.9	0
P2	B355	VG-0.35x0.45	3488.1	0
P2	B355	VG-0.35x0.45	3954.2	0
P2	B355	VG-0.35x0.45	4420.4	0
P2	B355	VG-0.35x0.45	4886.5	0
P2	B355	VG-0.35x0.45	5352.7	0
P2	B355	VG-0.35x0.45	5818.8	0
P2	B355	VG-0.35x0.45	6285	0
P2	B356	VG-0.35x0.45	225	291.667
P2	B356	VG-0.35x0.45	711.2	291.667
P2	B356	VG-0.35x0.45	1197.5	291.667
P2	B356	VG-0.35x0.45	1683.7	291.667
P2	B356	VG-0.35x0.45	2170	0
P2	B356	VG-0.35x0.45	2656.2	0
P2	B356	VG-0.35x0.45	3142.5	0
P2	B356	VG-0.35x0.45	3628.7	0
P2	B356	VG-0.35x0.45	4115	0
P2	B356	VG-0.35x0.45	4601.2	291.667
P2	B356	VG-0.35x0.45	5087.5	291.667
P2	B356	VG-0.35x0.45	5573.7	291.667
P2	B356	VG-0.35x0.45	6060	291.667
P2	B357	VG-0.35x0.45	225	291.667
P2	B357	VG-0.35x0.45	691.2	291.667
P2	B357	VG-0.35x0.45	1157.3	291.667
P2	B357	VG-0.35x0.45	1623.5	0
P2	B357	VG-0.35x0.45	2089.6	0
P2	B357	VG-0.35x0.45	2555.8	0
P2	B357	VG-0.35x0.45	3021.9	0
P2	B357	VG-0.35x0.45	3488.1	0
P2	B357	VG-0.35x0.45	3954.2	0
P2	B357	VG-0.35x0.45	4420.4	0
P2	B357	VG-0.35x0.45	4886.5	0
P2	B357	VG-0.35x0.45	5352.7	0
P2	B357	VG-0.35x0.45	5818.8	0
P2	B357	VG-0.35x0.45	6285	0
P2	B358	VG-0.35x0.45	225	291.667
P2	B358	VG-0.35x0.45	711.2	291.667
P2	B358	VG-0.35x0.45	1197.5	291.667
P2	B358	VG-0.35x0.45	1683.7	291.667
P2	B358	VG-0.35x0.45	2170	291.667
P2	B358	VG-0.35x0.45	2656.2	0
P2	B358	VG-0.35x0.45	3142.5	0
P2	B358	VG-0.35x0.45	3628.7	0
P2	B358	VG-0.35x0.45	4115	291.667
P2	B358	VG-0.35x0.45	4601.2	291.667
P2	B358	VG-0.35x0.45	5087.5	291.667
P2	B358	VG-0.35x0.45	5573.7	291.667
P2	B358	VG-0.35x0.45	6060	291.667
P2	B359	VG-0.35x0.45	0	291.667
P2	B359	VG-0.35x0.45	440.4	291.667
P2	B359	VG-0.35x0.45	880.8	0
P2	B359	VG-0.35x0.45	1321.1	0
P2	B359	VG-0.35x0.45	1761.5	0
P2	B359	VG-0.35x0.45	2201.9	0
P2	B359	VG-0.35x0.45	2642.3	0
P2	B359	VG-0.35x0.45	3082.7	0
P2	B359	VG-0.35x0.45	3082.7	291.667
P2	B359	VG-0.35x0.45	3522.7	291.667
P2	B359	VG-0.35x0.45	3962.7	291.667
P2	B359	VG-0.35x0.45	4402.7	291.667
P2	B359	VG-0.35x0.45	4842.7	291.667
P2	B359	VG-0.35x0.45	5282.7	291.667
P2	B2	VG-0.35x0.45	225	291.667
P2	B2	VG-0.35x0.45	705.9	291.667
P2	B2	VG-0.35x0.45	1186.8	291.667
P2	B2	VG-0.35x0.45	1667.7	291.667
P2	B2	VG-0.35x0.45	2148.6	291.667
P2	B2	VG-0.35x0.45	2629.5	291.667
P2	B2	VG-0.35x0.45	3110.4	0
P2	B2	VG-0.35x0.45	3591.3	291.667
P2	B2	VG-0.35x0.45	4072.2	291.667
P2	B2	VG-0.35x0.45	4553.1	291.667
P2	B2	VG-0.35x0.45	5034	291.667
P2	B2	VG-0.35x0.45	5034	417.828
P2	B2	VG-0.35x0.45	5284.2	435.418
P2	B4	VG-0.35x0.45	0	0
P2	B4	VG-0.35x0.45	337.4	0
P2	B4	VG-0.35x0.45	674.7	0
P2	B4	VG-0.35x0.45	674.7	291.667
P2	B4	VG-0.35x0.45	1012.1	291.667
P2	B4	VG-0.35x0.45	1349.5	291.667
P2	B4	VG-0.35x0.45	1349.5	291.667
P2	B4	VG-0.35x0.45	1788.7	291.667
P2	B4	VG-0.35x0.45	2228	291.667

3.4 DISEÑO DE LA CIMENTACIÓN

Z-6 (A-1;A-5)

** DILIGENCIAR CELDAS ACHURADAS EN GRIS*

Condición de análisis : GRAVITACIONAL

Propiedades mecánicas

f'_c =	21.0 MPa
f_y =	420 MPa
E_c =	17872 MPa
E_s =	200000 MPa
f'_{c_col} =	21.0 MPa
q_a =	0.170 MPa
γ_{conc} =	24.00 kN/m^3
$\gamma_{relleno}$ =	20.00 kN/m^3

Geometría

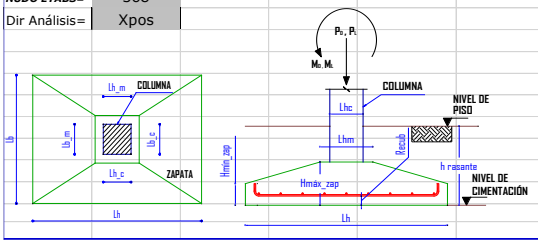
Recubrimiento =	0.075 m
$h_{rasante}$ =	1.00 m
L_h =	1.10 m
L_b =	1.10 m
L_{h_c} =	0.45 m
L_{b_c} =	0.45 m
L_{h_m} =	0.45 m
L_{b_m} =	0.45 m
$h_{máx\_zap}$ =	0.40 m
$h_{mín\_zap}$ =	0.40 m

Cargas y mayoración

P1 D=	58.77 kN
P1 L=	3.47 kN
M1 D=	9.57 kN m
M1 L=	1.59 kN m
U D=	1.20
U L=	1.60
U_{POND} =	1.22
NUDO ETABS=	368
Dir Análisis=	Xpos

Presiones y alturas efectivas

W_{zap} =	11.62 kN	
%W_{zap} =	18.66 %	
d =	0.32 m	
d_d =	0.32 m	
$d_{d/2}$ =	0.32 m	
ΣF_z =	88.38 kN	
ΣM_{borde_izq} =	37.45 kN m	
$k_{(emáx=1/k)}$ =	6	
$e_{máx}$ =	0.18 m	
e =	0.13 m	OK
I_Y =	0.12 m^4	
$L_{sin\_esf.serv}$ =	0.00 m	
Presiones de servicio suelo		
$\sigma_{máx}$ =	0.123 MPa	
<=	q_a	OK
$\sigma_{mín}$ =	0.023 MPa	
>=	0	OK
Presiones últimas suelo		
$\Sigma F_{z;u}$ =	76.08 kN	
$\Sigma M_{borde\_izq;u}$ =	27.82 kN m	
e_u =	0.18 m	
$L_{sin\_esf.u}$ =	0.00 m	
$\sigma_{máx\_u}$ =	0.126 MPa	
$\sigma_{mín\_u}$ =	0.000 MPa	
σ_{cara_u} =	0.089 MPa	
σ_{d_u} =	0.125 MPa	
$\sigma_{d/2\_u,máx}$ =	0.107 MPa	
$\sigma_{d/2\_u,mín}$ =	0.019 MPa	



Solicitaciones

M_u =	6.60 kN m	
V_{u_d} =	1.10 kN m	
$V_{u\_d/2}$ =	38.98 kN m	
β_c =	1.00	
b_o =	3.07 m	

Resist. a cortante

ϕ_v =	0.75	
UBICACIÓN COL=	INTERIOR	
α_s =	40	
Cortante directo		
$\phi_v V_{c\,1}$ =	199.77 kN	
>=	V_{u_d}	OK
Cortante por penetración		
$\phi_v V_{c\,2}$ =	1114.45 kN	
>=	$V_{u\_d/2}$	OK
$\phi_v V_{c\,3}$ =	NA	
NA	$V_{u\_d/2}$	NA
$\phi_v V_{c\,4}$ =	1708.83 kN	
>=	$V_{u\_d/2}$	OK

Presiones de contacto

ϕ_c =	0.70	
P_u =	76.08 kN	
$\phi_c P_{n\_base}$ =	2530.24 kN	
>=	P_u	OK
$\phi_c P_{n\_zap}$ =	1069.75 kN	
>=	P_u	OK

Mínimo refuerzo L_b

Aplica si lado largo = L_h	
Ref L corto =	1 vez Ref. largo

Barra de refuerzo ppal

DESIGNACION	DIÁMETRO(mm)	ÁREA(mm2)
No. 5	15.9	199

Barra retracción

DESIGNACION	DIÁMETRO(mm)	ÁREA(mm2)
No. 5	15.9	199

Resumen Propiedades

f'_c =	21.0 MPa
f_y =	420.0 MPa
E_c =	17872 MPa
E_s =	200000 MPa

Diseño a flexión

β_1 =	0.85	
ε_{cu} =	0.003	
ε_y =	0.0021	
ρ_b =	0.02125	
$(\rho-\rho')_{máx}$=	0.015938	
$\rho_{mín}$ =	0.00143	
M_u =	6.60 kN m	
ϕ =	0.90	
b =	1.10 m	
h =	0.40 m	
Recubrimiento =	0.08 m	
Elemento:	LOSA	
Definir d=	0.57 m ?	
	NO	
Definir d´=	0.05 m ?	
	NO	
d =	0.32 m	
d´ =	0.08 m	
$(\rho-\rho')_{mín}$=	0.031505	
$\rho_{dis\_tracc.}$ =	0.000158	
<	$\rho_{máx\_arm.simple}$	OK
M_1 =	NA	
M_2 =	NA	
ρ_{As1} =	NA	
ρ_{As2} =	NA	
$\rho_{sel.\_As}$ =	0.0014267	
A_s =	498 mm^2	
$A_{s'}$ =	0 mm^2	
$(\rho-\rho')=\rho_{As1}$=	NA	
$(\rho-\rho')_{mín}$		
NA	$(\rho-\rho')$	
$(\rho-\rho')$		
NA	$(\rho-\rho')_{máx}$	NA

Resumen de reacciones

CARGA	D	L	0.70E
P 1 =	58.7701	3.4712	7.23142
M 1 =	9.5741	1.5866	59.670

Control fisuración

Exp./contrac. libre	
SI	
Exposición intemperie	
SI	
$\rho_{mín}$ =	0.00180

Aprox. Refuerzo

TMA =	0.0150 m	
d_b =	0.0159 m	
$s_{barras\ perm}$ =	0.0250 m	
Refuerzo ppal a tracción		
b de sección es =	TOTAL	
$s_{diseño}$ =	0.47 m	
$s_{retracción\_ppal}$ =	0.31 m	
s_{500mm} =	0.50 m	
s_{3h} =	1.20 m	
$A_{s\_suministr.tracc}$ =	No. 5-0.311 c-c	
$s_{libre\ barras}$ =	0.2955 m	OK
Refuerzo ppal a compresión		
$s_{diseño}$ =	NA	
$s_{retracción\_ppal}$ =	NA	
s_{500mm} =	0.50 m	
s_{3h} =	1.20 m	
$A'_{s\ suministr.}$ =	NA	
$s_{libre\ barras}$ =	NA	NA
Refuerzo de secundario		
$s_{retracción\_sdo}$ =	0.28 m	
s_{500mm} =	0.50 m	
s_{5h} =	2.00 m	
$A_{s\_suministr.}$ =	No. 5-0.276 c-c	
$s_{libre\ barras}$ =	0.2605 m	OK

Z-2 (A-2;A-3;A-4;D-1)

** DILIGENCIAR CELDAS ACHURADAS EN GRIS*

Condición de análisis : GRAVITACIONAL

Propiedades mecánicas

f'_c =	21.0 MPa
f_y =	420 MPa
E_c =	17872 MPa
E_s =	200000 MPa
f'_{c_col} =	21.0 MPa
q_a =	0.170 MPa
γ_{conc} =	24.00 kN/m^3
$\gamma_{relleno}$ =	20.00 kN/m^3

Geometría

Recubrimiento =	0.075 m
$h_{rasante}$ =	1.00 m
L_h =	1.45 m
L_b =	1.45 m
L_{h_c} =	0.45 m
L_{b_c} =	0.45 m
L_{h_m} =	0.45 m
L_{b_m} =	0.45 m
$h_{máx\_zap}$ =	0.40 m
$h_{mín\_zap}$ =	0.40 m

Cargas y mayoración

P1 D=	80.20 kN
P1 L=	8.75 kN
M1 D=	22.18 kN m
M1 L=	6.59 kN m
U D=	1.20
U L=	1.60
U_{POND} =	1.24
NUDO ETABS=	369
Dir Análisis=	Xpos

Presiones y alturas efectivas

W_{zap} =	20.18 kN	
%W_{zap} =	22.69 %	
d =	0.32 m	
d_d =	0.32 m	
$d_{d/2}$ =	0.32 m	
ΣF_z =	134.37 kN	
ΣM_{borde_izq} =	68.65 kN m	
k (emáx=1/k) =	6	
$e_{máx}$ =	0.24 m	
e =	0.21 m	OK
I_Y =	0.37 m^4	
$L_{sin\_esf.serv}$ =	0.00 m	
Presiones de servicio suelo		
$\sigma_{máx}$ =	0.121 MPa	
<=	q_a	OK
$\sigma_{mín}$ =	0.007 MPa	
>=	0	OK
Presiones últimas suelo		
$\Sigma F_{z;u}$ =	110.25 kN	
$\Sigma M_{borde\_izq;u}$ =	42.77 kN m	
e_u =	0.34 m	
$L_{sin\_esf.u}$ =	0.21 m	
$\sigma_{máx\_u}$ =	0.126 MPa	
$\sigma_{mín\_u}$ =	0.000 MPa	
σ_{cara_u} =	0.082 MPa	
σ_{d_u} =	0.110 MPa	
$\sigma_{d/2\_u,máx}$ =	0.096 MPa	
$\sigma_{d/2\_u,mín}$ =	0.030 MPa	

Solicitaciones

M_u =	20.14 kN m	
V_{u_d} =	31.21 kN m	
$V_{u\_d/2}$ =	73.31 kN m	
β_c =	1.00	
b_o =	3.07 m	

Resist. a cortante

ϕ_v =	0.75	
UBICACIÓN COL=	INTERIOR	
α_s =	40	
Cortante directo		
$\phi_v V_{c\,1}$ =	263.34 kN	
>=	V_{u_d}	OK
Cortante por penetración		
$\phi_v V_{c\,2}$ =	1114.45 kN	
>=	$V_{u\_d/2}$	OK
$\phi_v V_{c\,3}$ =	NA	
NA	$V_{u\_d/2}$	NA
$\phi_v V_{c\,4}$ =	1708.83 kN	
>=	$V_{u\_d/2}$	OK

Presiones de contacto

ϕ_c =	0.70	
P_u =	110.25 kN	
$\phi_c P_{n\_base}$ =	2530.24 kN	
>=	P_u	OK
$\phi_c P_{n\_zap}$ =	1523.40 kN	
>=	P_u	OK

Mínimo refuerzo L_b

Aplica si lado largo = L_h	
Ref L corto =	1 vez Ref. largo

Barra de refuerzo ppal

DESIGNACION	DIÁMETRO(mm)	ÁREA(mm2)
No. 5	15.9	199

Barra retracción

DESIGNACION	DIÁMETRO(mm)	ÁREA(mm2)
No. 5	15.9	199

Resumen Propiedades

f'_c =	21.0 MPa
f_y =	420.0 MPa
E_c =	17872 MPa
E_s =	200000 MPa

Diseño a flexión

β_1 =	0.85	
ε_{cu} =	0.003	
ε_y =	0.0021	
ρ_b =	0.02125	
$(\rho-\rho')_{máx}$ =	0.015938	
$\rho_{mín}$ =	0.00143	
M_u =	20.14 kN m	
ϕ =	0.90	
b =	1.45 m	
h =	0.40 m	
Recubrimiento =	0.08 m	
Elemento:	LOSA	
Definir d=	0.57 m ?	
	NO	
Definir d´=	0.05 m ?	
	NO	
d =	0.32 m	
d´ =	0.08 m	
$(\rho-\rho')_{mín}$ =	0.031505	
$\rho_{dis\_tracc.}$ =	0.000367	
<	$\rho_{máx\_arm.simple}$	OK
M_1 =	NA	
M_2 =	NA	
ρ_{As1} =	NA	
ρ_{As2} =	NA	
$\rho_{sel.\_As}$ =	0.0014267	
A_s =	656 mm^2	
$A_{s'}$ =	0 mm^2	
$(\rho-\rho')=\rho_{As1}$ =	NA	
$(\rho-\rho')_{mín}$		
NA	$(\rho-\rho')$	
$(\rho-\rho')$		
NA	$(\rho-\rho')_{máx}$	NA

Resumen de reacciones

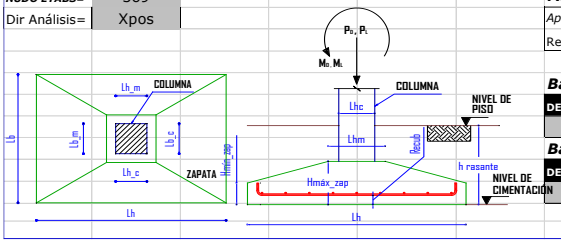
CARGA	CASO D	CASO L	CASO 0.70E
P 1 =	80.1988	8.7546	2.93832
M 1 =	22.1782	6.5897	56.150

Control fisuración

Exp./contrac. libre	
SI	
Exposición intemperie	
SI	
ρ_{min} =	0.00180

Aprox. Refuerzo

TMA =	0.0150 m	
d_b =	0.0159 m	
$s_{barras\ perm}$ =	0.0250 m	
Refuerzo ppal a tracción		
b de sección es =	TOTAL	
$s_{diseño}$ =	0.43 m	
$s_{retracción\_ppal}$ =	0.26 m	
s_{500mm} =	0.50 m	
s_{3h} =	1.20 m	
$A_{s\_suminist.tracc}$ =	No. 5-0.257 c-c	
$s_{libre\ barras}$ =	0.2409 m	OK
Refuerzo ppal a compresión		
$s_{diseño}$ =	NA	
$s_{retracción\_ppal}$ =	NA	
s_{500mm} =	0.50 m	
s_{3h} =	1.20 m	
$A'_{s\_suminist.}$ =	NA	
$s_{libre\ barras}$ =	NA	NA
Refuerzo de secundario		
$s_{retracción\_sdo}$ =	0.28 m	
s_{500mm} =	0.50 m	
s_{5h} =	2.00 m	
$A_{s\_suminist.}$ =	No. 5-0.276 c-c	
$s_{libre\ barras}$ =	0.2605 m	OK



Z-8 (B-1;B-5)

* DILIGENCIAR CELDAS ACHURADAS EN GRIS

Condición de análisis : GRAVITACIONAL

Propiedades mecánicas

f'_c =	21.0 MPa
f_y =	420 MPa
E_c =	17872 MPa
E_s =	200000 MPa
f'_{c_col} =	21.0 MPa
q_a =	0.170 MPa
γ_{conc} =	24.00 kN/m^3
$\gamma_{relleno}$ =	20.00 kN/m^3

Geometría

Recubrimiento =	0.075 m
$h_{rasante}$ =	1.00 m
L_h =	1.70 m
L_b =	1.70 m
L_{h_c} =	0.45 m
L_{b_c} =	0.45 m
L_{h_m} =	0.45 m
L_{b_m} =	0.45 m
$h_{máx\_zap}$ =	0.40 m
$h_{mín\_zap}$ =	0.40 m

Cargas y mayoración

P1 D=	247.90 kN
P1 L=	37.45 kN
M1 D=	39.22 kN m
M1 L=	0.00 kN m
U D=	1.20
U L=	1.60
U_{POND} =	1.25
NUDO ETABS=	307
Dir Análisis=	Ypos

Presiones y alturas efectivas

W_{zap} =	27.74 kN	
%W_{zap} =	9.72 %	
d =	0.32 m	
d_d =	0.32 m	
$d_{d/2}$ =	0.32 m	
ΣF_z =	347.77 kN	
ΣM_{borde_izq} =	256.39 kN m	
k (emáx=1/k) =	6	
$e_{máx}$ =	0.28 m	
e =	0.11 m	OK
I_Y =	0.70 m^4	
$L_{sin\_esf.serv}$ =	0.00 m	
Presiones de servicio suelo		
$\sigma_{máx}$ =	0.168 MPa	
<=	q_a	OK
$\sigma_{mín}$ =	0.072 MPa	
>=	0	OK
Presiones últimas suelo		
$\Sigma F_{z;u}$ =	357.39 kN	
$\Sigma M_{borde\_izq;u}$ =	256.72 kN m	
e_u =	0.13 m	
$L_{sin\_esf.u}$ =	0.00 m	
$\sigma_{máx\_u}$ =	0.181 MPa	
$\sigma_{mín\_u}$ =	0.066 MPa	
σ_{cara_u} =	0.139 MPa	
σ_{d_u} =	0.160 MPa	
$\sigma_{d/2\_u,máx}$ =	0.150 MPa	
$\sigma_{d/2\_u,mín}$ =	0.098 MPa	

Solicitaciones

M_u =	55.47 kN m	
V_{u_d} =	89.38 kN m	
$V_{u\_d/2}$ =	284.63 kN m	
β_c =	1.00	
b_o =	3.07 m	

Resist. a cortante

ϕ_v =	0.75	
UBICACIÓN COL=	INTERIOR	
α_s =	40	
Cortante directo		
$\phi_v V_{c\,1}$ =	308.74 kN	
>=	V_{u_d}	OK
Cortante por penetración		
$\phi_v V_{c\,2}$ =	1114.45 kN	
>=	$V_{u\_d/2}$	OK
$\phi_v V_{c\,3}$ =	NA	
NA	$V_{u\_d/2}$	NA
$\phi_v V_{c\,4}$ =	1708.83 kN	
>=	$V_{u\_d/2}$	OK

Presiones de contacto

ϕ_c =	0.70	
P_u =	357.39 kN	
$\phi_c P_{n\_base}$ =	2530.24 kN	
>=	P_u	OK
$\phi_c P_{n\_zap}$ =	1844.21 kN	
>=	P_u	OK

Mínimo refuerzo L_b

Aplica si lado largo = L_h	
Ref L corto =	1 vez Ref. largo

Barra de refuerzo ppal

DESIGNACION	DIÁMETRO(mm)	ÁREA(mm2)
No. 5	15.9	199

Barra retracción

DESIGNACION	DIÁMETRO(mm)	ÁREA(mm2)
No. 5	15.9	199

Resumen Propiedades

f'_c =	21.0 MPa
f_y =	420.0 MPa
E_c =	17872 MPa
E_s =	200000 MPa

Diseño a flexión

β_1 =	0.85	
ε_{cu} =	0.003	
ε_y =	0.0021	
ρ_b =	0.02125	
$(\rho-\rho')_{máx}$ =	0.015938	
$\rho_{mín}$ =	0.00143	
M_u =	55.47 kN m	
ϕ =	0.90	
b =	1.70 m	
h =	0.40 m	
Recubrimiento =	0.08 m	
Elemento:	LOSA	
Definir d=	0.57 m ?	
	NO	
Definir d´=	0.05 m ?	
	NO	
d =	0.32 m	
d´ =	0.08 m	
$(\rho-\rho')_{mín}$ =	0.031505	
$\rho_{dis\_tracc.}$ =	0.000868	
<	$\rho_{máx\_arm.simple}$	OK
M_1 =	NA	
M_2 =	NA	
ρ_{As1} =	NA	
ρ_{As2} =	NA	
$\rho_{sel.\_As}$ =	0.0014267	
A_s =	769 mm^2	
$A_{s'}$ =	0 mm^2	
$(\rho-\rho')=\rho_{As1}$ =	NA	
$(\rho-\rho')_{mín}$		
NA	$(\rho-\rho')$	
$(\rho-\rho')$		
NA	$(\rho-\rho')_{máx}$	NA

Resumen de reacciones

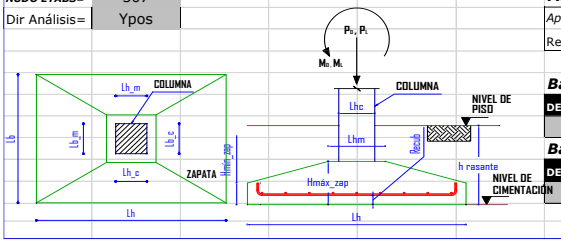
CARGA	CASO D	CASO L	CASO 0.70E
P 1 =	247.8956	37.447	8.56954
M 1 =	39.2153	0	57.790

Control fisuración

Exp./contrac. libre	
SI	
Exposición intemperie	
SI	
ρ_{min} =	0.00180

Aprox. Refuerzo

TMA =	0.0150 m	
d_b =	0.0159 m	
$s_{barras\ perm}$ =	0.0250 m	
Refuerzo ppal a tracción		
b de sección es =	TOTAL	
$s_{diseño}$ =	0.51 m	
$s_{retracción\_ppal}$ =	0.26 m	
s_{500mm} =	0.50 m	
s_{3h} =	1.20 m	
$A_{s\_suminist.tracc}$ =	No. 5-0.256 c-c	
$s_{libre\ barras}$ =	0.2398 m	OK
Refuerzo ppal a compresión		
$s_{diseño}$ =	NA	
$s_{retracción\_ppal}$ =	NA	
s_{500mm} =	0.50 m	
s_{3h} =	1.20 m	
$A'_{s\_suminist.}$ =	NA	
$s_{libre\ barras}$ =	NA	NA
Refuerzo de secundario		
$s_{retracción\_sdo}$ =	0.28 m	
s_{500mm} =	0.50 m	
s_{5h} =	2.00 m	
$A_{s\_suminist.}$ =	No. 5-0.276 c-c	
$s_{libre\ barras}$ =	0.2605 m	OK



Z-9 (B-3;C-1;C-3;C-5)

** DILIGENCIAR CELDAS ACHURADAS EN GRIS*

Condición de análisis : GRAVITACIONAL

Propiedades mecánicas

f'_c =	21.0 MPa
f_y =	420 MPa
E_c =	17872 MPa
E_s =	200000 MPa
f'_{c_col} =	21.0 MPa
q_a =	0.170 MPa
γ_{conc} =	24.00 kN/m^3
$\gamma_{relleno}$ =	20.00 kN/m^3

Geometría

Recubrimiento =	0.075 m
$h_{rasante}$ =	1.00 m
L_h =	1.80 m
L_b =	1.80 m
L_{h_c} =	0.45 m
L_{b_c} =	0.45 m
L_{h_m} =	0.45 m
L_{b_m} =	0.45 m
$h_{máx\_zap}$ =	0.40 m
$h_{mín\_zap}$ =	0.40 m

Cargas y mayoración

P1 D=	394.26 kN
P1 L=	77.50 kN
M1 D=	2.10 kN m
M1 L=	0.00 kN m
U D=	1.20
U L=	1.60
U_{POND} =	1.27
NUDO ETABS=	306
Dir Análisis=	Ypos

Presiones y alturas efectivas

W_{zap} =	31.10 kN		
%W_{zap} =	6.59 %		
d =	0.32 m		
d_d =	0.32 m		
$d_{d/2}$ =	0.32 m		
ΣF_z =	541.75 kN		
ΣM_{borde_izq} =	485.47 kN m		
k (emáx=1/k) =	6		
$e_{máx}$ =	0.30 m		
e =	0.00 m	*OK*	
I_Y =	0.87 m^4		
$L_{sin\_esf.serv}$ =	0.00 m		
Presiones de servicio suelo			
$\sigma_{máx}$ =	0.169 MPa		
<=	q_a	*OK*	
$\sigma_{mín}$ =	0.165 MPa		
>=	0	*OK*	
Presiones últimas suelo			
$\Sigma F_{z;u}$ =	597.12 kN		
$\Sigma M_{borde\_izq;u}$ =	534.88 kN m		
e_u =	0.00 m		
$L_{sin\_esf.u}$ =	0.00 m		
$\sigma_{máx\_u}$ =	0.187 MPa		
$\sigma_{mín\_u}$ =	0.182 MPa		
σ_{cara_u} =	0.185 MPa		
σ_{d_u} =	0.186 MPa		
$\sigma_{d/2\_u,máx}$ =	0.185 MPa		
$\sigma_{d/2\_u,mín}$ =	0.183 MPa		

Solicitaciones

M_u =	76.37 kN m	
V_{u_d} =	120.08 kN m	
$V_{u\_d/2}$ =	488.68 kN m	
β_c =	1.00	
b_o =	3.07 m	

Resist. a cortante

ϕ_v =	0.75	
UBICACIÓN COL=	**INTERIOR**	
α_s =	40	
Cortante directo		
$\phi_v V_{c\,1}$ =	326.90 kN	
>=	V_{u_d}	*OK*
Cortante por penetración		
$\phi_v V_{c\,2}$ =	1114.45 kN	
>=	$V_{u\_d/2}$	*OK*
$\phi_v V_{c\,3}$ =	NA	
NA	$V_{u\_d/2}$	*NA*
$\phi_v V_{c\,4}$ =	1708.83 kN	
>=	$V_{u\_d/2}$	*OK*

Presiones de contacto

ϕ_c =	0.70	
P_u =	597.12 kN	
$\phi_c P_{n\_base}$ =	2530.24 kN	
>=	P_u	*OK*
$\phi_c P_{n\_zap}$ =	1972.12 kN	
>=	P_u	*OK*

Mínimo refuerzo L_b

Aplica si lado largo = L_h	
Ref L corto =	1 vez Ref. largo

Barra de refuerzo ppal

DESIGNACION	DIÁMETRO(mm)	ÁREA(mm2)
No. 5	15.9	199

Barra retracción

DESIGNACION	DIÁMETRO(mm)	ÁREA(mm2)
No. 5	15.9	199

Resumen Propiedades

f'_c =	21.0 MPa	
f_y =	420.0 MPa	
E_c =	17872 MPa	
E_s =	200000 MPa	

Diseño a flexión

β_1 =	0.85	
ε_{cu} =	0.003	
ε_y =	0.0021	
ρ_b =	0.02125	
$(\rho-\rho')_{máx}$ =	0.015938	
$\rho_{mín}$ =	0.00143	
M_u =	76.37 kN m	
ϕ =	0.90	
b =	1.80 m	
h =	0.40 m	
Recubrimiento =	0.08 m	
Elemento:	**LOSA**	
Definir d=	0.57 m ?	
	NO	
Definir d´=	0.05 m ?	
	NO	
d =	0.32 m	
d´ =	0.08 m	
$(\rho-\rho')_{mín}$ =	0.031505	
$\rho_{dis\_tracc.}$ =	0.001132	
<	$\rho_{máx\_arm.simple}$	*OK*
M_1 =	NA	
M_2 =	NA	
ρ_{As1} =	NA	
ρ_{As2} =	NA	
$\rho_{sel.\_As}$ =	0.0014267	
A_s =	814 mm^2	
$A_{s'}$ =	0 mm^2	
$(\rho-\rho')=\rho_{As1}$ =	NA	
$(\rho-\rho')_{mín}$		
NA	$(\rho-\rho')$	
$(\rho-\rho')$		
NA	$(\rho-\rho')_{máx}$	*NA*

Resumen de reacciones

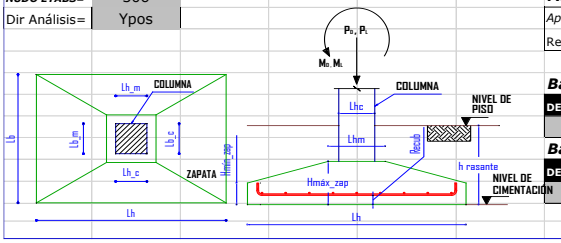
CARGA	CASO D	CASO L	CASO 0.70E
P 1 =	394.2592	77.5039	0.19439
M 1 =	2.1005	0	64.671

Control fisuración

Exp./contrac. libre	
SI	
Exposición intemperie	
SI	
ρ_{min} =	0.00180

Aprox. Refuerzo

TMA =	0.0150 m	
d_b =	0.0159 m	
$s_{barras\ perm}$ =	0.0250 m	
Refuerzo ppal a tracción		
b de sección es =	**TOTAL**	
$s_{diseño}$ =	0.41 m	
$s_{retracción\_ppal}$ =	0.27 m	
s_{500mm} =	0.50 m	
s_{3h} =	1.20 m	
$A_{s\_suminist.tracc}$ =	No. 5-0.272 c-c	
$s_{libre\ barras}$ =	0.2565 m	*OK*
Refuerzo ppal a compresión		
$s_{diseño}$ =	NA	
$s_{retracción\_ppal}$ =	NA	
s_{500mm} =	0.50 m	
s_{3h} =	1.20 m	
$A'_{s\_suminist.}$ =	NA	
$s_{libre\ barras}$ =	NA	*NA*
Refuerzo de secundario		
$s_{retracción\_sdo}$ =	0.28 m	
s_{500mm} =	0.50 m	
s_{5h} =	2.00 m	
$A_{s\_suminist.}$ =	No. 5-0.276 c-c	
$s_{libre\ barras}$ =	0.2605 m	*OK*



Z-4 (D-5)

** DILIGENCIAR CELDAS ACHURADAS EN GRIS*

Condición de análisis : GRAVITACIONAL

Propiedades mecánicas

f'_c =	21.0 MPa
f_y =	420 MPa
E_c =	17872 MPa
E_s =	200000 MPa
f'_{c_col} =	21.0 MPa
q_a =	0.170 MPa
γ_{conc} =	24.00 kN/m^3
$\gamma_{relleno}$ =	20.00 kN/m^3

Geometría

Recubrimiento =	0.075 m
$h_{rasante}$ =	1.00 m
L_h =	1.60 m
L_b =	1.60 m
L_{h_c} =	0.45 m
L_{b_c} =	0.45 m
L_{h_m} =	0.45 m
L_{b_m} =	0.45 m
$h_{máx\_zap}$ =	0.40 m
$h_{mín\_zap}$ =	0.40 m

Cargas y mayoración

P1 D=	259.02 kN
P1 L=	85.29 kN
M1 D=	1.81 kN m
M1 L=	4.62 kN m
U D=	1.20
U L=	1.60
U_{POND} =	1.30
NUDO ETABS=	295
Dir Análisis=	Xpos

Presiones y alturas efectivas

W_{zap} =	24.58 kN	
%W_{zap} =	7.14 %	
d =	0.32 m	
d_d =	0.32 m	
$d_{d/2}$ =	0.32 m	
ΣF_z =	399.61 kN	
ΣM_{borde_izq} =	313.26 kN m	
k (emáx=1/k) =	6	
$e_{máx}$ =	0.27 m	
e =	0.02 m	OK
I_Y =	0.55 m^4	
$L_{sin\_esf.serv}$ =	0.00 m	
Presiones de servicio suelo		
$\sigma_{máx}$ =	0.166 MPa	
<=	q_a	OK
$\sigma_{mín}$ =	0.147 MPa	
>=	0	OK
Presiones últimas suelo		
$\Sigma F_{z;u}$ =	447.30 kN	
$\Sigma M_{borde\_izq;u}$ =	348.28 kN m	
e_u =	0.02 m	
$L_{sin\_esf.u}$ =	0.00 m	
$\sigma_{máx\_u}$ =	0.189 MPa	
$\sigma_{mín\_u}$ =	0.161 MPa	
σ_{cara_u} =	0.179 MPa	
σ_{d_u} =	0.184 MPa	
$\sigma_{d/2\_u,máx}$ =	0.181 MPa	
$\sigma_{d/2\_u,mín}$ =	0.168 MPa	

Solicitaciones

M_u =	49.03 kN m	
V_{u_d} =	76.96 kN m	
$V_{u\_d/2}$ =	344.49 kN m	
β_c =	1.00	
b_o =	3.07 m	

Resist. a cortante

ϕ_v =	0.75	
UBICACIÓN COL=	INTERIOR	
α_s =	40	
Cortante directo		
$\phi_v V_{c\,1}$ =	290.58 kN	
>=	V_{u_d}	OK
Cortante por penetración		
$\phi_v V_{c\,2}$ =	1114.45 kN	
>=	$V_{u\_d/2}$	OK
$\phi_v V_{c\,3}$ =	NA	
NA	$V_{u\_d/2}$	NA
$\phi_v V_{c\,4}$ =	1708.83 kN	
>=	$V_{u\_d/2}$	OK

Presiones de contacto

ϕ_c =	0.70	
P_u =	447.30 kN	
$\phi_c P_{n\_base}$ =	2530.24 kN	
>=	P_u	OK
$\phi_c P_{n\_zap}$ =	1716.09 kN	
>=	P_u	OK

Mínimo refuerzo L_b

Aplica si lado largo = L_h	
Ref L corto =	1 vez Ref. largo

Barra de refuerzo ppal

DESIGNACION	DIÁMETRO(mm)	ÁREA(mm2)
No. 5	15.9	199

Barra retracción

DESIGNACION	DIÁMETRO(mm)	ÁREA(mm2)
No. 5	15.9	199

Resumen Propiedades

f'_c =	21.0 MPa	
f_y =	420.0 MPa	
E_c =	17872 MPa	
E_s =	200000 MPa	

Diseño a flexión

β_1 =	0.85	
ε_{cu} =	0.003	
ε_y =	0.0021	
ρ_b =	0.02125	
$(\rho-\rho')_{máx}$ =	0.015938	
$\rho_{mín}$ =	0.00143	
M_u =	49.03 kN m	
ϕ =	0.90	
b =	1.60 m	
h =	0.40 m	
Recubrimiento =	0.08 m	
Elemento:	LOSA	
Definir d=	0.57 m ?	
	NO	
Definir d´=	0.05 m ?	
	NO	
d =	0.32 m	
d´ =	0.08 m	
$(\rho-\rho')_{mín}$ =	0.031505	
$\rho_{dis\_tracc.}$ =	0.000814	
<	$\rho_{máx\_arm.simple}$	OK
M_1 =	NA	
M_2 =	NA	
ρ_{As1} =	NA	
ρ_{As2} =	NA	
$\rho_{sel.\_As}$ =	0.0014267	
A_s =	724 mm^2	
$A_{s'}$ =	0 mm^2	
$(\rho-\rho')=\rho_{As1}$ =	NA	
$(\rho-\rho')_{mín}$		
NA	$(\rho-\rho')$	
$(\rho-\rho')$		
NA	$(\rho-\rho')_{máx}$	NA

Resumen de reacciones

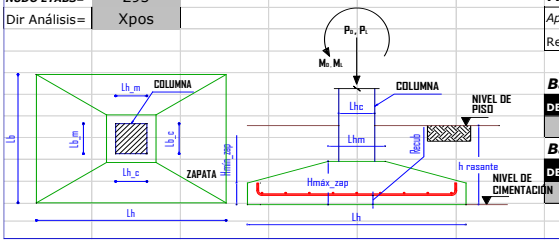
CARGA	CASO D	CASO L	CASO 0.70E
P 1 =	259.0222	85.2939	8.28093
M 1 =	1.8078	4.6171	64.288

Control fisuración

Exp./contrac. libre	
SI	
Exposición intemperie	
SI	
ρ_{min} =	0.00180

Aprox. Refuerzo

TMA =	0.0150 m	
d_b =	0.0159 m	
$s_{barras\ perm}$ =	0.0250 m	
Refuerzo ppal a tracción		
b de sección es =	TOTAL	
$s_{diseño}$ =	0.48 m	
$s_{retracción\_ppal}$ =	0.29 m	
s_{500mm} =	0.50 m	
s_{3h} =	1.20 m	
$A_{s\_suminist.tracc}$ =	No. 5-0.287 c-c	
$s_{libre\ barras}$ =	0.2709 m	OK
Refuerzo ppal a compresión		
$s_{diseño}$ =	NA	
$s_{retracción\_ppal}$ =	NA	
s_{500mm} =	0.50 m	
s_{3h} =	1.20 m	
$A'_{s\ suminist.}$ =	NA	
$s_{libre\ barras}$ =	NA	NA
Refuerzo de secundario		
$s_{retracción\_sdo}$ =	0.28 m	
s_{500mm} =	0.50 m	
s_{5h} =	2.00 m	
$A_{s\ suminist.}$ =	No. 5-0.276 c-c	
$s_{libre\ barras}$ =	0.2605 m	OK



Z-5 (D-2;D-3;D-4)

** DILIGENCIAR CELDAS ACHURADAS EN GRIS*

Condición de análisis : GRAVITACIONAL

Propiedades mecánicas

f'_c =	21.0 MPa
f_y =	420 MPa
E_c =	17872 MPa
E_s =	200000 MPa
f'_{c_col} =	21.0 MPa
q_a =	0.170 MPa
γ_{conc} =	24.00 kN/m^3
$\gamma_{relleno}$ =	20.00 kN/m^3

Geometría

Recubrimiento =	0.075 m
$h_{rasante}$ =	1.00 m
L_h =	1.70 m
L_b =	1.70 m
L_{h_c} =	0.45 m
L_{b_c} =	0.45 m
L_{h_m} =	0.45 m
L_{b_m} =	0.45 m
$h_{máx\_zap}$ =	0.40 m
$h_{mín\_zap}$ =	0.40 m

Cargas y mayoración

P1 D=	272.80 kN
P1 L=	115.08 kN
M1 D=	11.26 kN m
M1 L=	0.03 kN m
U D=	1.20
U L=	1.60
U_{POND} =	1.32
NUDO ETABS=	296
Dir Análisis=	Xpos

Presiones y alturas efectivas

W_{zap} =	27.74 kN	
%W_{zap} =	7.15 %	
d =	0.32 m	
d_d =	0.32 m	
$d_{d/2}$ =	0.32 m	
ΣF_z =	450.30 kN	
ΣM_{borde_izq} =	371.47 kN m	
k (emáx=1/k) =	6	
$e_{máx}$ =	0.28 m	
e =	0.03 m	OK
I_Y =	0.70 m^4	
$L_{sin\_esf.serv}$ =	0.00 m	
Presiones de servicio suelo		
$\sigma_{máx}$ =	0.170 MPa	
<=	q_a	OK
$\sigma_{mín}$ =	0.142 MPa	
>=	0	OK
Presiones últimas suelo		
$\Sigma F_{z;u}$ =	511.49 kN	
$\Sigma M_{borde\_izq;u}$ =	421.20 kN m	
e_u =	0.03 m	
$L_{sin\_esf.u}$ =	0.00 m	
$\sigma_{máx\_u}$ =	0.194 MPa	
$\sigma_{mín\_u}$ =	0.160 MPa	
σ_{cara_u} =	0.181 MPa	
σ_{d_u} =	0.188 MPa	
$\sigma_{d/2\_u,máx}$ =	0.184 MPa	
$\sigma_{d/2\_u,mín}$ =	0.170 MPa	

Solicitaciones

M_u =	62.92 kN m	
V_{u_d} =	99.75 kN m	
$V_{u\_d/2}$ =	407.36 kN m	
β_c =	1.00	
b_o =	3.07 m	

Resist. a cortante

ϕ_v =	0.75	
UBICACIÓN COL=	INTERIOR	
α_s =	40	
Cortante directo		
$\phi_v V_{c\,1}$ =	308.74 kN	
>=	V_{u_d}	OK
Cortante por penetración		
$\phi_v V_{c\,2}$ =	1114.45 kN	
>=	$V_{u\_d/2}$	OK
$\phi_v V_{c\,3}$ =	NA	
NA	$V_{u\_d/2}$	NA
$\phi_v V_{c\,4}$ =	1708.83 kN	
>=	$V_{u\_d/2}$	OK

Presiones de contacto

ϕ_c =	0.70	
P_u =	511.49 kN	
$\phi_c P_{n\_base}$ =	2530.24 kN	
>=	P_u	OK
$\phi_c P_{n\_zap}$ =	1844.21 kN	
>=	P_u	OK

Mínimo refuerzo L_b

Aplica si lado largo = L_h	
Ref L corto =	1 vez Ref. largo

Barra de refuerzo ppal

DESIGNACION	DIÁMETRO(mm)	ÁREA(mm2)
No. 5	15.9	199

Barra retracción

DESIGNACION	DIÁMETRO(mm)	ÁREA(mm2)
No. 5	15.9	199

Resumen Propiedades

f'_c =	21.0 MPa
f_y =	420.0 MPa
E_c =	17872 MPa
E_s =	200000 MPa

Diseño a flexión

β_1 =	0.85	
ε_{cu} =	0.003	
ε_y =	0.0021	
ρ_b =	0.02125	
$(\rho-\rho')_{máx}$ =	0.015938	
$\rho_{mín}$ =	0.00143	
M_u =	62.92 kN m	
ϕ =	0.90	
b =	1.70 m	
h =	0.40 m	
Recubrimiento =	0.08 m	
Elemento:	LOSA	
Definir d=	0.57 m ?	
	NO	
Definir d´=	0.05 m ?	
	NO	
d =	0.32 m	
d´ =	0.08 m	
$(\rho-\rho')_{mín}$ =	0.031505	
$\rho_{dis\_tracc.}$ =	0.000985	
<	$\rho_{máx\_arm.simple}$	OK
M_1 =	NA	
M_2 =	NA	
ρ_{As1} =	NA	
ρ_{As2} =	NA	
$\rho_{sel.\_As}$ =	0.0014267	
A_s =	769 mm^2	
$A_{s'}$ =	0 mm^2	
$(\rho-\rho')=\rho_{As1}$ =	NA	
$(\rho-\rho')_{mín}$		
NA	$(\rho-\rho')$	
$(\rho-\rho')$		
NA	$(\rho-\rho')_{máx}$	NA

Resumen de reacciones

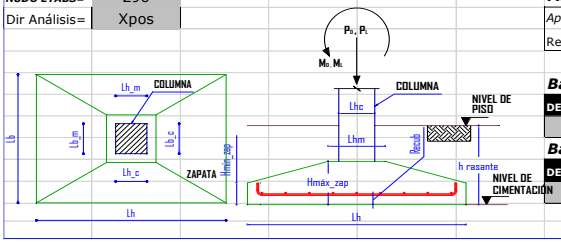
CARGA	CASO D	CASO L	CASO 0.70E
P 1 =	272.8005	115.0803	7.9219
M 1 =	11.2598	0.0312	60.724

Control fisuración

Exp./contrac. libre	
SI	
Exposición intemperie	
SI	
ρ_{min} =	0.00180

Aprox. Refuerzo

TMA =	0.0150 m	
d_b =	0.0159 m	
$s_{barras\ perm}$ =	0.0250 m	
Refuerzo ppal a tracción		
b de sección es =	TOTAL	
$s_{diseño}$ =	0.51 m	
$s_{retracción\_ppal}$ =	0.26 m	
s_{500mm} =	0.50 m	
s_{3h} =	1.20 m	
$A_{s\_suministr.tracc}$ =	No. 5-0.256 c-c	
$s_{libre\ barras}$ =	0.2398 m	OK
Refuerzo ppal a compresión		
$s_{diseño}$ =	NA	
$s_{retracción\_ppal}$ =	NA	
s_{500mm} =	0.50 m	
s_{3h} =	1.20 m	
$A'_{s\_suministr.}$ =	NA	
$s_{libre\ barras}$ =	NA	NA
Refuerzo de secundario		
$s_{retracción\_sdo}$ =	0.28 m	
s_{500mm} =	0.50 m	
s_{5h} =	2.00 m	
$A_{s\_suministr.}$ =	No. 5-0.276 c-c	
$s_{libre\ barras}$ =	0.2605 m	OK



Z-2 (E-2;E-3;E-4;E-5)

** DILIGENCIAR CELDAS ACHURADAS EN GRIS*

Condición de análisis : GRAVITACIONAL

Propiedades mecánicas

f'_c =	21.0 MPa
f_y =	420 MPa
E_c =	17872 MPa
E_s =	200000 MPa
f'_{c_col} =	21.0 MPa
q_a =	0.170 MPa
γ_{conc} =	24.00 kN/m^3
$\gamma_{relleno}$ =	20.00 kN/m^3

Geometría

Recubrimiento =	0.075 m
$h_{rasante}$ =	1.00 m
L_h =	1.45 m
L_b =	1.45 m
L_{h_c} =	0.45 m
L_{b_c} =	0.45 m
L_{h_m} =	0.45 m
L_{b_m} =	0.45 m
$h_{máx\_zap}$ =	0.40 m
$h_{mín\_zap}$ =	0.40 m

Cargas y mayoración

P1 D=	158.72 kN
P1 L=	61.30 kN
M1 D=	5.45 kN m
M1 L=	0.00 kN m
U D=	1.20
U L=	1.60
U_{POND} =	1.31
NUDO ETABS=	313
Dir Análisis=	Xpos

Presiones y alturas efectivas

W_{zap} =	20.18 kN	
%W_{zap} =	9.17 %	
d =	0.32 m	
d_d =	0.32 m	
$d_{d/2}$ =	0.32 m	
ΣF_z =	265.43 kN	
ΣM_{borde_izq} =	186.99 kN m	
k (emáx=1/k) =	6	
$e_{máx}$ =	0.24 m	
e =	0.02 m	OK
I_Y =	0.37 m^4	
$L_{sin\_esf.serv}$ =	0.00 m	
Presiones de servicio suelo		
$\sigma_{máx}$ =	0.137 MPa	
<=	q_a	OK
$\sigma_{mín}$ =	0.116 MPa	
>=	0	OK
Presiones últimas suelo		
$\Sigma F_{z;u}$ =	288.54 kN	
$\Sigma M_{borde\_izq;u}$ =	202.65 kN m	
e_u =	0.02 m	
$L_{sin\_esf.u}$ =	0.00 m	
$\sigma_{máx\_u}$ =	0.150 MPa	
$\sigma_{mín\_u}$ =	0.124 MPa	
σ_{cara_u} =	0.141 MPa	
σ_{d_u} =	0.147 MPa	
$\sigma_{d/2\_u,máx}$ =	0.144 MPa	
$\sigma_{d/2\_u,mín}$ =	0.130 MPa	

Solicitaciones

M_u =	26.67 kN m	
V_{u_d} =	39.39 kN m	
$V_{u\_d/2}$ =	207.80 kN m	
β_c =	1.00	
b_o =	3.07 m	

Resist. a cortante

ϕ_v =	0.75	
UBICACIÓN COL=	INTERIOR	
α_s =	40	
Cortante directo		
$\phi_v V_{c\,1}$ =	263.34 kN	
>=	V_{u_d}	OK
Cortante por penetración		
$\phi_v V_{c\,2}$ =	1114.45 kN	
>=	$V_{u\_d/2}$	OK
$\phi_v V_{c\,3}$ =	NA	
NA	$V_{u\_d/2}$	NA
$\phi_v V_{c\,4}$ =	1708.83 kN	
>=	$V_{u\_d/2}$	OK

Presiones de contacto

ϕ_c =	0.70	
P_u =	288.54 kN	
$\phi_c P_{n\_base}$ =	2530.24 kN	
>=	P_u	OK
$\phi_c P_{n\_zap}$ =	1523.40 kN	
>=	P_u	OK

Mínimo refuerzo L_b

Aplica si lado largo = L_h	
Ref L corto =	1 vez Ref. largo

Barra de refuerzo ppal

DESIGNACION	DIÁMETRO(mm)	ÁREA(mm2)
No. 5	15.9	199

Barra retracción

DESIGNACION	DIÁMETRO(mm)	ÁREA(mm2)
No. 5	15.9	199

Resumen Propiedades

f'_c =	21.0 MPa
f_y =	420.0 MPa
E_c =	17872 MPa
E_s =	200000 MPa

Diseño a flexión

β_1 =	0.85	
ε_{cu} =	0.003	
ε_y =	0.0021	
ρ_b =	0.02125	
$(\rho-\rho')_{máx}$ =	0.015938	
$\rho_{mín}$ =	0.00143	
M_u =	26.67 kN m	
ϕ =	0.90	
b =	1.45 m	
h =	0.40 m	
Recubrimiento =	0.08 m	
Elemento:	LOSA	
Definir d=	0.57 m ?	
	NO	
Definir d´=	0.05 m ?	
	NO	
d =	0.32 m	
d´ =	0.08 m	
$(\rho-\rho')_{mín}$ =	0.031505	
$\rho_{dis\_tracc.}$ =	0.000487	
<	$\rho_{máx\_arm.simple}$	OK
M_1 =	NA	
M_2 =	NA	
ρ_{As1} =	NA	
ρ_{As2} =	NA	
$\rho_{sel.\_As}$ =	0.0014267	
A_s =	656 mm^2	
$A_{s'}$ =	0 mm^2	
$(\rho-\rho')=\rho_{As1}$ =	NA	
$(\rho-\rho')_{mín}$		
NA	$(\rho-\rho')$	
$(\rho-\rho')$		
NA	$(\rho-\rho')_{máx}$	NA

Resumen de reacciones

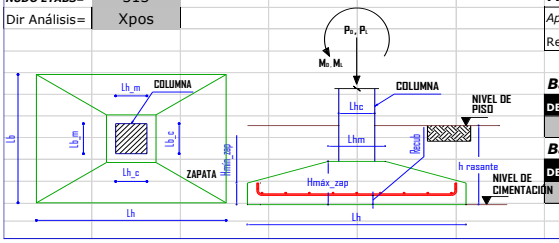
CARGA	CASO D	CASO L	CASO 0.70E
P 1 =	158.7182	61.3015	10.65393
M 1 =	5.4527	0	57.167

Control fisuración

Exp./contrac. libre	
SI	
Exposición intemperie	
SI	
$\rho_{mín}$ =	0.00180

Aprox. Refuerzo

TMA =	0.0150 m	
d_b =	0.0159 m	
$s_{barras\ perm}$ =	0.0250 m	
Refuerzo ppal a tracción		
b de sección es =	TOTAL	
$s_{diseño}$ =	0.43 m	
$s_{retracción\_ppal}$ =	0.26 m	
s_{500mm} =	0.50 m	
s_{3h} =	1.20 m	
$A_{s\_suminist.tracc}$ =	No. 5-0.257 c-c	
$s_{libre\ barras}$ =	0.2409 m	OK
Refuerzo ppal a compresión		
$s_{diseño}$ =	NA	
$s_{retracción\_ppal}$ =	NA	
s_{500mm} =	0.50 m	
s_{3h} =	1.20 m	
$A'_{s\_suminist.}$ =	NA	
$s_{libre\ barras}$ =	NA	NA
Refuerzo de secundario		
$s_{retracción\_sdo}$ =	0.28 m	
s_{500mm} =	0.50 m	
s_{5h} =	2.00 m	
$A_{s\_suminist.}$ =	No. 5-0.276 c-c	
$s_{libre\ barras}$ =	0.2605 m	OK



Z-10 (E-1) — **Condición de análisis :** GRAVITACIONAL

** DILIGENCIAR CELDAS ACHURADAS EN GRIS*

Propiedades mecánicas

f'_c =	21.0 MPa
f_y =	420 MPa
E_c =	17872 MPa
E_s =	200000 MPa
f'_{c_col} =	21.0 MPa
q_a =	0.170 MPa
γ_{conc} =	24.00 kN/m^3
$\gamma_{relleno}$ =	20.00 kN/m^3
NUDO 1=314	NUDO 2=313

Cargas y mayoración

** Momento (+) sentido antihorario*

P1 D=	72.19 kN
P1 L=	34.72 kN
M1 D=	-2.69 kN m
M1 L=	-3.60 kN m
P2 D=	158.72 kN
P2 L=	61.30 kN
M2 D=	3.01 kN m
M2 L=	-0.24 kN m
U D=	1.20
U L=	1.60
$U_{POND(D+L)}$ =	1.32
Dir Análisis=	Yneg

Geometría

Recubrimiento =	0.075 m
$h_{rasante}$ =	1.50 m
h_{zap1} =	0.40 m
h_{zap2} =	0.40 m
b_{vc} =	0.30 m
h_{vc} =	0.40 m
L =	3.86 m
L_{b_c1} =	0.45 m
L_{b_c1} =	0.45 m
L_{h_c2} =	0.45 m
L_{b_c2} =	0.45 m
$\%W_{zap1\_exc}$ =	14.82 %
L_{h1} =	1.10 m
ΔR_1 =	-0.72 kN
ΔR_2 =	9.56 kN
$L_{b1\_sugerida}$ =	0.77 m
$L_{h2\_sugerida}$ =	1.23 m
L_{b1} =	1.50 m
L_{h2} =	1.45 m
L_{b2} =	1.45 m

Diagramas M , V

q_{n1_L} =	106.5 kN/m
q_{n2_L} =	144.6 kN/m
M_1 =	-6.29 kN m
M_2 =	2.77 kN m
w_{c1} =	237.57 kN/m
w_{c2} =	488.93 kN/m

DIAGRAMA DE CORTANTE DEL CIMIENTO

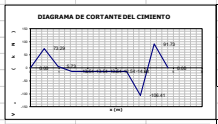
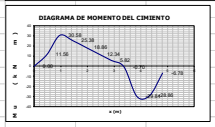


DIAGRAMA DE MOMENTO DEL CIMIENTO



Solicitaciones

Viga de contrapeso

$x_{Mu\ izq}$ =	1.10 m
$x_{Mu\ der}$ =	3.36 m
$M_{u(izq)}$ =	30.04 kN m
$M_{u(der)}$ =	0.61 kN m
x_{Vu} =	0.45 m
V_u =	77.69 kN

Zapata 1

M_u =	18.70 kN m
V_u =	57.25 kN

Dis. a flexión zap 1

M_u =	18.70 kN m
ϕ =	0.90
b =	0.77 m
h =	0.40 m
Recubrimiento =	0.08 m

Refuerzo ppal

DESIGNACION	ÁREA(mm2)
No. 5	199

Refuerzo retracción

DESIGNACION	ÁREA(mm2)
No. 5	199

$\rho_{dis\_tracc.}$ =	0.000644	
$\rho_{dis\_tracc.}$		
<	$\rho_{máx\_arm.simple}$	OK
$\rho_{sel.\_As}$ =	0.0018450	
A_s =	450 mm^2	

Aproximación Refuerzo

TMA =	0.0150 m
$s_{diseño}$ =	0.30 m
$s_{retracción\_ppal}$ =	0.30 m
s_{500mm} =	0.50 m
s_{3h} =	1.20 m
$A_{s\_suministr.tracc}$ =	No. 5-0.302 c-c
$s_{libre\ barras}$ =	0.2860 m OK

Refuerzo retracción

$s_{retracción\_sdo}$ =	0.28 m	
s_{500mm} =	0.50 m	
s_{5h} =	2.00 m	
$A_{s\_suministr.}$ =	No. 5-0.276 c-c	
$s_{libre\ barras}$ =	0.2605 m	OK

Resist. Cortate zap.1

ϕ_v =	0.75
V_u =	57.25 kN
$\phi_v V_c$ =	199.77 kN
>=	V_u OK

Geometría zap.2

$h_{rasante}$ =	1.50 m
L_h =	1.45 m
L_b =	1.45 m
L_{h_c} =	0.45 m
L_{b_c} =	0.45 m
L_{h_m} =	0.45 m
L_{b_m} =	0.45 m
$h_{máx\_zap}$ =	0.40 m
$h_{mín\_zap}$ =	0.40 m

Presiones zapata 2

$\sigma_{máx}$ =	0.132 MPa	
<=	q_a	OK
$\sigma_{mín}$ =	0.132 MPa	
>=	0	OK

Solicitaciones zap.2

M_u =	23.79 kN m
V_{u_d} =	34.82 kN m
$V_{u\_d/2}$ =	198.77 kN m
β_c =	1.00
b_o =	3.07 m

Cortante en zap.2

ϕ_v =	0.75	
UBICACIÓN COL=	INTERIOR	
α_s =	40	

Cortante directo

$\phi_v V_{c\ 1}$ =	263.34 kN	
>=	V_{u_d}	OK

Cortante por penetración

$\phi_v V_{c\ 2}$ =	1114.45 kN	
>=	$V_{u\_d/2}$	OK
$\phi_v V_{c\ 3}$ =	NA	
NA	$V_{u\_d/2}$	NA
$\phi_v V_{c\ 4}$ =	1708.83 kN	
>=	$V_{u\_d/2}$	OK

Presiones de contacto

ϕ_c =	0.70	
P_u =	276.00 kN	
$\phi_c P_{n\_base}$ =	2530.24 kN	
>=	P_u	OK
$\phi_c P_{n\_zap}$ =	1523.40 kN	
>=	P_u	OK

Ref. dir. Corta

Aplica si lado largo = L_h

Ref L corto =	1 vez Ref. largo

Dis. Flexión zap.2

M_u =	23.79 kN m
ϕ =	0.90
b =	1.45 m
h =	0.40 m
Recubrimiento =	0.08 m

Refuerzo ppal

DESIGNACION	ÁREA(mm2)
No. 5	199

Refuerzo retracción

DESIGNACION	ÁREA(mm2)
No. 5	199

$\rho_{dis\_tracc.}$ =	0.000434	
$\rho_{dis\_tracc.}$		
<	$\rho_{máx\_arm.simple}$	OK
$\rho_{sel.\_As}$ =	0.0022709	
A_s =	1044 mm^2	

Aproximación Refuerzo

$s_{diseño}$ =	0.26 m	
$s_{retracción\_ppal}$ =	0.26 m	
s_{500mm} =	0.50 m	
s_{3h} =	1.20 m	
$A_{s\_suministr.tracc}$ =	No. 5-0.257 c-c	
$s_{libre\ barras}$ =	0.2409 m	OK

Refuerzo retracción

$s_{retracción\_sdo}$ =	0.28 m	
s_{500mm} =	0.50 m	
s_{5h} =	2.00 m	
$A_{s\_suministr.}$ =	No. 5-0.276 c-c	
$s_{libre\ barras}$ =	0.2605 m	OK

Dis. Flexión VC

M_u =	30.04 kN m
ϕ =	0.90
b =	0.30 m
h =	0.40 m
Recubrimiento =	0.08 m

Refuerzo ppal

DESIGNACION	ÁREA(mm2)
No. 5	199

$\rho_{dis\_tracc.}$ =	0.002900
$\rho_{dis\_tracc.}$	
<	$\rho_{máx\_arm.simple}$ OK
$\rho_{sel.\_As}$ =	0.0033333
A_s =	308 mm^2

Aproximación Refuerzo

Concepto de peralte

A_{sk} =	NA
s_{A_sk} =	NA

Refuerzo ppal

$A_{s\_suministr.tracc}$ =	2 No. 5
$s_{libre\ barras}$ =	0.0961 m OK
$A'_{s\_suministr.}$ =	NA
$s_{libre\ barras}$ =	NA NA

Cortante VC

f_{yt} =	420.0 MPa
V_u =	77.69 kN
M_u =	18.70 kN m
ϕ =	0.75
Recubrimiento =	0.08 m

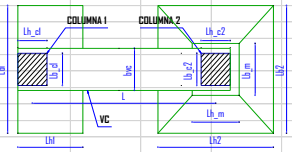
Refuerzo estribos

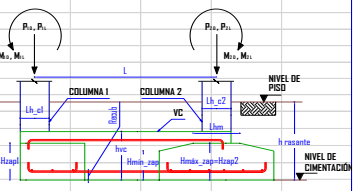
DESIGNACION	ÁREA(mm2)
No. 3	71

d =	0.31 m
# ramas =	2
A_{vt} =	142 mm^2
A_s =	5211 mm^2
ρ_w =	0.0564786

Considerar As?

NO	
V_c =	70.47 kN
ϕV_c =	52.85 kN
ϕv_c =	0.573 MPa
V_s =	33.11 kN
$1/3f'^{1/2}_c B_w d$ =	140.94 kN
$2/3f'^{1/2}_c B_w d$ =	281.87 kN
$1/3f'^{1/2}_c B_w d$	
>	V_s
V_s	
<	$2/3f'^{1/2}_c B_w d$
$s_{diseño}$ =	0.55 m
s_1 =	0.60 m
s_2 =	0.60 m
s_3 =	0.15 m
s =	0.15 m
ZONA SÍSMICA	DMO
$No._{min\ estribo}$ =	No. 3 OK
$L_{confinamiento}$ =	0.62 m
$s_{1\_conf.}$ =	0.08 m
$s_{2\_conf.}$ =	0.13 m
$s_{3\_conf.}$ =	0.23 m
$s_{4\_conf.}$ =	0.30 m
$s_{conf.}$ =	0.08 m

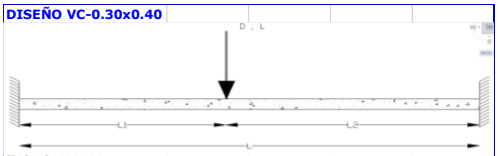




Resumen de reacciones

CARGA	CASO D	CASO L	CASO 0.70E
P 1 =	72.1888	34.7182	16.57922
M 1 =	-2.6914	-3.5967	-68.579
P 2 =	158.7182	61.3015	10.60024
M 2 =	3.0096	-0.2383	-71.85731

DISEÑO VC-0.30x0.40



Solicitaciones

NUDO ETABS=	306	
L_1 =	6.29 m	*Distancia de la carga al apoyo 1*
L_2 =	4.32 m	*Distancia de la carga al apoyo 2*
L =	10.60 m	*Longitud total del vano*
D =	394.26 kN	*Carga muerta total en el punto de aplicación*
L =	77.50 kN	*Carga viva total en el punto de aplicación*
% Carga =	7.50 %	*Porcentaje de la carga a considerar*
0.08D =	29.57 kN	*Carga muerta a considerar*
0.08L =	5.81 kN	*Carga muerta viva a considerar*
$R_{1,D}$ =	10.71 kN	*Reacción vertical por carga muerta apoyo 1*
$R_{2,D}$ =	18.86 kN	*Reacción vertical por carga muerta apoyo 2*
$M_{1,D}$ =	30.80 kN m	*Momento por carga muerta apoyo 1*
$M_{2,D}$ =	44.86 kN m	*Momento por carga muerta apoyo 2*
$R_{1,L}$ =	2.11 kN	*Reacción vertical por carga viva apoyo 1*
$R_{2,L}$ =	3.71 kN	*Reacción vertical por carga viva apoyo 2*
$M_{1,L}$ =	6.05 kN m	*Momento por carga viva apoyo 1*
$M_{2,L}$ =	8.82 kN m	*Momento por carga viva apoyo 2*
U_D =	1.20	*Factor de mayoración para carga muerta*
U_L =	1.60	*Factor de mayoración para carga viva*
M_U =	67.94 kN m	*Momento último maximo*
V_U =	28.56 kN	*Cortante último máximo*
Método de la deformación angular		
L =	6.29 m	*Longitud total del vano*
%L =	0.45 %	*Porcentaje de la deformación respecto a L*
I_e /I =	0.25	*Relación inercia efectiva a inercia bruta*
I =	4.04E-04 m^4	*Inercia de la sección bruta*
Δ =	0.028 m	*Deformación vertical de un apoyo respecto al otro*
M_U =	37.35 kN m	*Momento último maximo*
V_U =	11.88 kN	*Cortante último máximo*
Fuerzas finales		
Usar =	Carga	*Método a emplear*
M_U =	67.94 kN m	*Momento último maximo*
V_U =	28.56 kN	*Cortante último máximo*

DISEÑO SECCIÓN RECTANGULAR DOBLEMENTE ARMADA - R.U.

**** DILIGENCIAR CELDAS ACHURADAS EN GRIS***

Propiedades mecánicas de la sección

f'_c =	21.0 MPa	*Resistencia a la compresión del concreto*
f_y =	420 MPa	*Esfuerzo de fluencia del acero de refuerzo longitudinal*
E_c =	21538 MPa	*Módulo de elasticidad del concreto*
E_s =	200000 MPa	*Módulo de elasticidad del acero de refuerzo*

Diseño a flexión de la sección

M_u =	67.94 kN m = 6.9 tonf m	*Momento último de diseño*
ϕ =	0.90	*Coeficiente de reducción de resistencia para flexión*
b =	0.30 m	*Ancho de sección*
h =	0.40 m	*Altura total de sección*
Recubrimiento =	0.075 m	*Recubrimiento estribos en vigas o de refuerzo en losas*

Selección de la barra de refuerzo longitudinal principal

DESIGNACION	DIÁMETRO(plg)	DIÁMETRO(mm)	ÁREA(mm2)	PERÍMETRO(mm)	MASA(kg/m)
No. 6	3/4	19.1	284	60.0	2.235

d =	0.31 m	*Altura efectiva de la sección*			
d´ =	0.09 m	*Distancia centro de refuerzo a compresión a fibra extrema*			
$(\rho-\rho')_{min}$ =	0.037016	*Cuantía de diseño para armado simple*			
$\rho_{dis\_tracc.}$ =	0.006974	*Cuantía de diseño para armado simple*			
$\rho_{dis\_tracc.}$	<	$\rho_{máx\_arm.simple}$	***OK***		

Aproximación de refuerzo requerido en la viga

TMA =	0.0150 m	*Tamaño máximo del agregado*			
d_b =	0.0191 m	*Diámetro de la barra longitudinal*			
$s_{barras\ perm}$ =	0.0250 m	*Separación libre mínima permitida entre barras*			
$A_{s\_suministst.tracc}$ =	3 No. 6	*Refuerzo suministrado para tracción*			
$s_{libre\ barras}$ =	0.0369 m	*Separación libre de barras*	***OK***		
$A'_{s\_suministst.}$ =	NA	*Refuerzo suministrado para compresión*			
$s_{libre\ barras}$ =	NA	*Separación libre de barras*	***NA***		

DISEÑO A CORTANTE VIGA DE ALMA RECTANGULAR - R.U.

Diseño a cortante del alma

V_u =	28.56 kN = 2.9 tonf m	*Cortante último de diseño*
ϕ =	0.75	*Coeficiente de reducción de resistencia para flexión*

Selección de refuerzo transversal

DESIGNACION	DIÁMETRO(plg)	DIÁMETRO(mm)	ÁREA(mm2)	PERÍMETRO(mm)	MASA(kg/m)
No. 3	3/8	9.5	71	30.0	0.560

# ramas =	**2**	*Número de ramas de estribos verticales*			
A_{vt} =	142 mm^2	*Área total de estribos*			
ϕ V_c =	52.58 kN	⇒	ϕ v_c =	0.573 MPa	
V_s =	-32.02 kN	*Fuerza cortante tomada por estribos*			
$1/3f'^{1/2}_c B_w d$ =	140.20 kN	*Fuerza de control para separaciones mínimas de estribos*			
$2/3f'^{1/2}_c B_w d$ =	280.41 kN	*Fuerza máxima permitida en estribos para no desintegración*			
$1/3f'^{1/2}_c B_w d$	>	V_s	<	$2/3f'^{1/2}_c B_w d$	
$s_{diseño}$ =	NA	*Separación de estribos por fórmula de diseño*			
s_1 =	0.60 m	*Separación de estribos por cuantía mínima*			
s_2 =	0.60 m	*Separación máxima de 600 mm*			
s_3 =	0.15 m	*Separación máxima de d/2*			
s =	0.15 m	*Separación final elegida*			

3.4.1 REACCIONES EN LA CIMENTACIÓN

Story	Label	Case	FX	FY	FZ	MX	MY	MZ
			kN	kN	kN	kN-m	kN-m	kN-m
Base	13	D	11.811	4.4299	59.5425	-4.9253	13.9176	0.3193
Base	13	L	0.8335	0.1378	0.2536	-0.2778	2.0889	0.097
Base	13	Lr	1.2808	0.0131	3.4892	-0.001	1.1865	0.0324
Base	13	Ex	-69.4054	0.2531	-20.7019	-0.5587	-173.3272	0.0589
Base	13	Ey	-0.6144	-43.2489	-19.1574	103.9706	-1.9728	-5.985
Base	295	D	-2.2722	3.9967	259.0222	-6.3676	-1.8078	0.2165
Base	295	L	3.0592	0.385	69.1049	-1.3727	4.6171	0.0793
Base	295	Lr	-0.604	0.4828	16.1889	-0.5903	-0.9222	0.0086
Base	295	Ex	-77.822	-0.9389	23.6598	1.7528	-183.6803	-0.1559
Base	295	Ey	-4.3234	-66.6275	-62.259	174.4079	-5.7319	-0.0744
Base	296	D	-10.1338	0.6903	272.8005	-2.6306	-11.2598	0.2165
Base	296	L	-0.8146	0.8136	88.915	-1.857	0.0312	0.0793
Base	296	Lr	-1.0662	0.0464	26.1652	-0.0971	-1.4671	0.0086
Base	296	Ex	-69.1724	-0.6272	-22.634	1.4004	-173.496	-0.1559
Base	296	Ey	-2.3664	-82.9092	5.485	192.8107	-3.3252	-0.0744
Base	297	D	-2.6353	1.1082	257.9974	-3.1029	-3.3505	0.2165
Base	297	L	2.4524	0.669	81.2112	-1.6937	3.5165	0.0793
Base	297	Lr	-0.8317	0.1014	22.5618	-0.1592	-1.2245	0.0086
Base	297	Ex	-76.1415	-0.7146	23.5416	1.4992	-180.9654	-0.1559
Base	297	Ey	0.0473	-81.4642	0.3345	191.1775	-0.4024	-0.0744
Base	298	D	-10.0069	0.5614	280.3316	-2.4848	-12.2487	0.2165
Base	298	L	-2.1285	0.7948	88.4995	-1.8359	-1.8686	0.0793
Base	298	Lr	-0.8125	-0.1704	24.7764	0.148	-1.2252	0.0086
Base	298	Ex	-69.5087	0.8848	-13.0837	-0.3086	-173.0605	-0.1559
Base	298	Ey	5.1627	-83.3457	-1.6338	193.304	5.5741	-0.0744
Base	303	D	-0.2323	-10.5843	211.8919	10.1129	-1.7669	0.2165
Base	303	L	3.2203	-4.5499	36.5743	4.2051	3.9697	0.0793
Base	303	Lr	-0.6015	-0.5203	11.2604	0.5434	-1.0093	0.0086
Base	303	Ex	-70.4414	1.4869	53.1971	-0.9891	-173.707	-0.1559
Base	303	Ey	5.1029	-67.0777	68.2336	174.9167	5.7012	-0.0744
Base	304	D	-0.76	-29.8112	233.1054	32.3624	-2.3633	0.2165
Base	304	L	0.0753	-9.2401	32.2011	9.696	0.4149	0.0793
Base	304	Lr	-0.4692	-1.6896	16.3203	1.8857	-0.8597	0.0086
Base	304	Ex	-78.339	2.7673	-15.9573	-2.8091	-182.6335	-0.1559
Base	304	Ey	3.8659	-62.366	26.1137	169.4132	4.3031	-0.0744
Base	305	D	-3.6564	-31.9057	244.562	35.268	-5.637	0.2165
Base	305	L	0.8255	-6.1646	19.8871	6.417	1.2629	0.0793
Base	305	Lr	-1.4095	-2.5311	16.8229	2.8581	-1.9225	0.0086
Base	305	Ex	-76.1581	-2.0093	-36.2839	2.2021	-180.1685	-0.1559
Base	305	Ey	3.9396	-58.7646	23.4713	165.1575	4.3864	-0.0744
Base	306	D	-2.2964	1.1556	394.2592	-2.1005	-2.9674	0.2165
Base	306	L	1.4694	0.5403	42.6868	-1.1614	2.4054	0.0793
Base	306	Lr	-2.3685	0.0429	34.8171	-0.0513	-2.9615	0.0086
Base	306	Ex	-77.3297	0.265	-31.4452	-0.3685	-182.3083	-0.1559
Base	306	Ey	0.0487	-76.1202	-0.5555	184.7741	-0.4008	-0.0744
Base	307	D	-4.2804	33.9924	247.8956	-39.2153	-4.0775	0.2165
Base	307	L	1.37	7.0456	20.5504	-8.5142	2.7078	0.0793
Base	307	Lr	-1.4058	2.6251	16.8966	-2.9698	-1.8284	0.0086
Base	307	Ex	-78.54	2.6154	-36.132	-3.0252	-184.4919	-0.1559
Base	307	Ey	-3.9986	-58.7257	-24.4843	165.1135	-5.3648	-0.0744
Base	308	D	-1.362	31.6849	236.3724	-37.1454	-0.779	0.2165
Base	308	L	0.716	10.2662	32.869	-12.3515	1.9686	0.0793
Base	308	Lr	-0.4635	1.8273	16.345	-2.0895	-0.7634	0.0086
Base	308	Ex	-80.505	-3.2632	-13.7204	4.007	-186.7128	-0.1559
Base	308	Ey	-3.99	-62.4982	-27.0843	169.5625	-5.3551	-0.0744
Base	309	D	-2.5963	1.0676	366.0622	-2.5393	-3.3065	0.2165
Base	309	L	0.2414	0.6859	69.3309	-1.5231	1.0175	0.0793
Base	309	Lr	-0.5241	0.0361	33.7334	-0.0649	-0.8769	0.0086
Base	309	Ex	-79.2849	-0.0841	-25.2763	0.4137	-184.5182	-0.1559
Base	309	Ey	0.0261	-79.2571	-0.5197	188.5048	-0.4264	-0.0744
Base	310	D	-5.1228	-0.7226	170.977	-1.7206	-5.0459	0.2165
Base	310	L	-3.4221	-0.5556	57.7038	-0.5611	-2.7146	0.0793
Base	310	Lr	-0.5647	0.1505	9.4552	-0.2419	-0.8785	0.0086
Base	310	Ex	-61.1027	-1.0831	40.1242	2.4106	-164.7711	-0.1559
Base	310	Ey	-4.481	-71.7764	-60.4483	180.4638	-5.9045	-0.0744
Base	311	D	-4.476	2.5678	166.5201	-5.4397	-4.8648	0.2165
Base	311	L	-1.9964	1.4547	60.5397	-2.8333	-1.3045	0.0793
Base	311	Lr	-0.4337	0.2212	11.8878	-0.3219	-0.7522	0.0086
Base	311	Ex	-59.9029	-0.9432	42.8527	2.2525	-163.019	-0.1559
Base	311	Ey	-1.8163	-86.8026	7.0005	197.4475	-2.7036	-0.0744
Base	312	D	-4.3655	0.339	158.3409	-2.9205	-5.3061	0.2165
Base	312	L	-2.2476	-0.6727	55.5957	-0.4288	-1.7958	0.0793
Base	312	Lr	-0.3194	0.1023	11.9344	-0.1875	-0.6454	0.0086
Base	312	Ex	-59.5401	-1.1281	39.8484	2.4615	-162.2011	-0.1559
Base	312	Ey	0.16	-88.3394	-30.8163	199.1846	-0.2751	-0.0744
Base	313	D	-4.1046	0.4178	158.7182	-3.0096	-5.4527	0.2165
Base	313	L	-1.1789	1.8578	51.3932	-3.2889	-0.7496	0.0793
Base	313	Lr	-0.6889	-0.2744	9.9084	0.2383	-1.0807	0.0086
Base	313	Ex	-60.8232	0.8202	30.4398	0.2593	-163.3334	-0.1559
Base	313	Ey	2.6801	-93.7557	30.2865	205.3065	2.7252	-0.0744
Base	314	D	-14.7514	-4.6261	72.1888	2.6914	-17.9685	0.2165
Base	314	L	-6.6831	-3.9056	31.603	3.2253	-7.1474	0.0793
Base	314	Lr	-0.9228	-0.3922	3.1152	0.3715	-1.3641	0.0086
Base	314	Ex	-64.7484	0.6143	19.7884	0.4921	-167.4228	-0.1559
Base	314	Ey	1.5913	-85.4688	47.3691	195.94	1.6602	-0.0744
Base	368	D	9.9443	-4.4108	58.7701	4.8725	9.5741	0.0413
Base	368	L	0.2159	0.0523	-0.0279	-0.1836	0.5688	0.0734
Base	368	Lr	1.2096	-0.0323	3.4712	0.0476	1.0178	-0.022
Base	368	Ex	-68.3146	0.2007	-20.6612	-0.5193	-170.4868	-0.197
Base	368	Ey	-0.1057	-43.2488	18.8809	103.9714	0.2587	-5.979
Base	369	D	20.9708	0.5088	80.1988	-0.6362	22.1782	0.224
Base	369	L	1.6094	0.1434	0.4038	-0.286	2.3116	0.086
Base	369	Lr	4.1594	-0.0116	8.3507	0.0249	4.2781	0.0075
Base	369	Ex	-58.724	0.3077	-8.3952	-0.6362	-160.4283	-0.0887
Base	369	Ey	-0.7768	-58.1118	-3.2405	120.8167	-1.1562	-3.5707
Base	370	D	8.6711	0.0155	69.9358	-0.0331	9.2795	0.1908
Base	370	L	0.5223	0.124	0.0883	-0.2637	1.3256	0.0848
Base	370	Lr	2.6519	-0.0125	6.9998	0.0265	2.669	0.0056
Base	370	Ex	-68.8047	0.2913	-20.668	-0.6133	-171.9109	-0.1276
Base	370	Ey	-0.3665	-55.8743	-0.1427	118.3123	-0.8649	-4.4135
Base	371	D	21.6552	-0.4754	80.2904	0.5673	24.0535	0.173
Base	371	L	1.8606	0.1182	0.4284	-0.2565	3.0021	0.0819
Base	371	Lr	4.1842	-0.0147	8.3536	0.0298	4.3482	0.006
Base	371	Ex	-59.2871	0.2852	-8.4929	-0.6008	-161.9809	-0.1269
Base	371	Ey	0.2145	-58.113	3.1666	120.8173	-0.3879	-3.5464

3.5 DISEÑO ELEMENTOS NO ESTRUCTURALES

3.5.1 DISEÑO MUROS FACHADA Y DIVISORIOS

DISENO MURO DE FACHADA SOPORTADO EN LA BASE Y EN EL EXTREMO SUPERIOR
(Mamposteria de Perforación Vertical)

GEOMETRIA DEL MURO				**MAMPOSTERIA**		
Altura del muro	H=	3.00	m	Tipo de Mampostería	=	Perforación Vertical
Espesor del Muro	e=	0.12	m	Ubicación	=	Fachada
Nivel de localización del muro		Piso DOS		Tipo de Apoyo	=	Apoyo Superior e inferior aislado lateralmente
Densidad del material del muro	γm=	1800	Kg/m³			
Peso del Muro	w=	2.2	KN/m²			
Resistencia a la compresión del muro	f'm=	5.0	MPa			

CRITERIOS DE DISEÑO

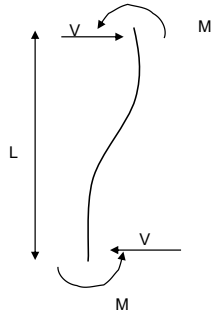
1-	Grupo de Uso		III	
2-	Coeficiente de importancia	*I*=	1.25	
3-	Grado mínimo de Desempeño		Superior	Según Tabla A.9.2-1 NSR-10
4-	Tipo de Elemento No Estructural según Tabla A.9.5-1 (NSR-10) 1			
	Mamposteria con refuerzo separado lateralmente de la estructura, apoyada arriba y abajo			
5-	Coeficiente de amplificación dinámica del elemento NO estructural	*ap*=	1.0	Según Tabla A.9.5-1 NSR-10
6-	Coeficiente de capacidad de disipación de energía	*Rpi*=	1.5	Según Tabla A.9.5-1 NSR-10
7-	Coeficiente de Aceleración pico efectiva	*Aa*=	0.15	
8-	Período de la Estructura	*T*=	0.4614	
9-	Máxima aceleración horizontal de diseño	Sa=	0.7031	

DISEÑO

Fuerza Cortante en el piso o nivel que se encuentra el muro	*Fi*=	1,242.80	KN	
Peso de la placa de entrepiso del nivel que se encuentra el muro	*wi*=	1,767.50	KN	
Aceleración Horizontal	*ax=Fi/Wi*=	0.70	g	ok< 2 Sa
Fuerza horizontal de diseño del muro	*Fp=(ax*ap)/Rp*g*Mp*	1.01	KN/m	ok > Aa I/2 g Mp
Momento de diseño actuante en el muro	*Mi=Fp*H²/8*=	1.14	KN-m	
Fuerza Cortante por metro de longitud	*Vi=Fp*H/2*=	1.52	KN	

Separación entre columnetas o refuerzo	S=	2.0	m	
Ancho de columnetas	b=	0.12	m	
Largo de Columnetas (igual que el espesor del muro)	t=	0.12	m	
Area sección columneta	Ac=	0.014	m²	
Momento actuante en cada columneta	*M=Mi*S*=	2.28	KN-m	
Area de cortante efectiva del muro	*Amv*=	120000	mm²	
Resistencia a Cortante en la dirección perpendicular del muro	*ØVn=Ø1/6Amv*(f'm)^0.5*=	60	KN	*ok >Vi*
Cortante actuante en cada columneta	V=Vi*S=	3.04	KN	*ok >Vi*

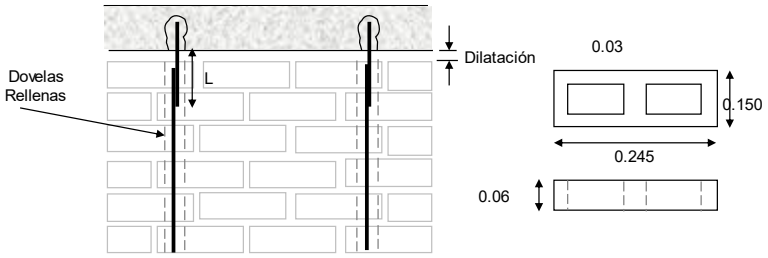
Fuerzas actuante sobre el refuerzo de anclaje



Número de la varilla de anclaje	#=	4	
Cantidad de Varillas	CANT=	2	
Diámetro de la varilla de anclaje	D=	12.70	mm
Longitud libre de la varilla de anclaje	L=	100	mm
Esfuerzo de Fluencia del refuerzo	fy=	420	MPa

Fuerza Cortante Resistente del refuerzo de anclaje

$V=\pi D^3 fy /(16 L)$ = 3.38 KN ok

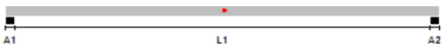


3.5.2 DISEÑO CORREAS

REPORTE DE CORREAS

PHR C con atiesador 150 x 50 x 17 (2.50 mm)
con Fy = 35.15 Kgf/mm² cada 1.10 m con arriostramiento cada L/2.

SECCION LONGITUDINAL



L1	3.40 m
A1	0.05 m
A2	0.05 m

CONFIGURACION	
TIPO DE CARGA	DISTRIBUIDA
Carga muerta	0.07 Ton/m²
Peso propio correa	0.01 Ton/m
Carga viva	0.05 Ton/m²
Carga granizo	0.00 Ton/m²
Viento compresión (Perpendicular)	0.04 Ton/m²
Viento succión (Perpendicular)	0.04 Ton/m²
Pendiente sección transversal	16° = 28.6750%

SECCION TRANSVERSAL



L = 1.10 m

REPORTES DE DISEÑO

REPORTE FLEXION				
	Apoyos		Interiores	
Ejes locales	3	2	3	2
Resistente (Ton.m)	0.9632	0.1863	0.7928	0.1849
Calculado (Ton.m)	9.3750E-08	3.1250E-09	0.3039	0.0194

REPORTE CORTANTE		
Ejes locales	2	3
Resistente (Ton)	6.7627	3.5066
Calculado (Ton)	0.3489	0.0449

REPORTE DEFLEXION		
Deflexiones máximas	Instantanea	Permanente
Admisible (m)	0.0129	0.0000
Calculado (m)	0.0022	0.0000

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M.P 22202221866 COR
Contratista Dirección Departamental de Proyectos
Gobernación de Córdoba

MEMORIA DE ANÁLISIS Y DISEÑO ESTRUCTURAL

DATOS DEL PROYECTO	
OBJETO:	ESTUDIOS Y DISEÑOS ESTRUCTURALES DE LA EDIFICACIÓN UBICADA EN EL MUNICIPIO DE PLANETA RICA DEPARTAMENTO DE CÓRDOBA.
SOLICITANTE:	GOBERNACIÓN DE CÓRDOBA
DIRECCIÓN:	MUNICIPIO DE PLANETA RICA
MUNICIPIO:	PLANETA RICA
DEPARTAMENTO:	CÓRDOBA
FECHA:	OCTUBRE DE 2025

INGENIERO RESPONSABLE	
NOMBRE:	OSCAR DAVID MORENO COGOLLO
CEDULA:	1.073.819.714
MATRICULA PROF.:	22202221866 COR
DEPENDENCIA:	CONTRATISTA DEPARTAMENTO ADMINISTRATIVO DE PLANEACIÓN – GOBERNACIÓN DE CÓRDOBA
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1. LICEO PLANETA RICA – BLOQUE E

Estudios y diseños estructurales de la edificación ubicada en el municipio de Planeta Rica departamento de Córdoba.

1.1 DESCRIPCION DEL PROYECTO Y SISTEMA ESTRUCTURAL

No. Pisos	Área (m^2)	Tipo de Estructura	Descripción
2	196.00	Pórticos en Concreto	La estructura tiene un pórtico tridimensional de concreto reforzado con elementos en los dos sentidos principales, con columnas de sección 0.35x0.35m, y vigas de secciones 0.30x0.35m a 0.30x0.45m. La placa del segundo piso es aligerada con viguetas de sección 0.12x0.35m. Un sector de la cubierta es losa maciza de espesor 0.10m, y el otro sector es cubierta liviana apoyada en perfiles metálicos tipo C.

1.2 CIMENTACION

La cimentación de la estructura son zapatas aisladas de secciones 1.10x1.10m y 1.25x1.25m, y altura de 0.40m, con vigas de amarre de sección de 0.30x0.40m que vinculan todas las columnas de la estructura. La cimentación se encuentra localizada a una profundidad de 1.00m. La capacidad portante para zapatas es 17.00Ton/m2.

1.3 MATERIALES

Concretos

Bloque	f´c Ton/m2	Ec Ton/m2
BLOQUE E	2100.00	2153811.00

El módulo de elasticidad del concreto Ec se ha calculado con las formulaciones de la norma:

$$Ec = 4700\sqrt{f'c}\,(MPa)$$

Acero de Refuerzo

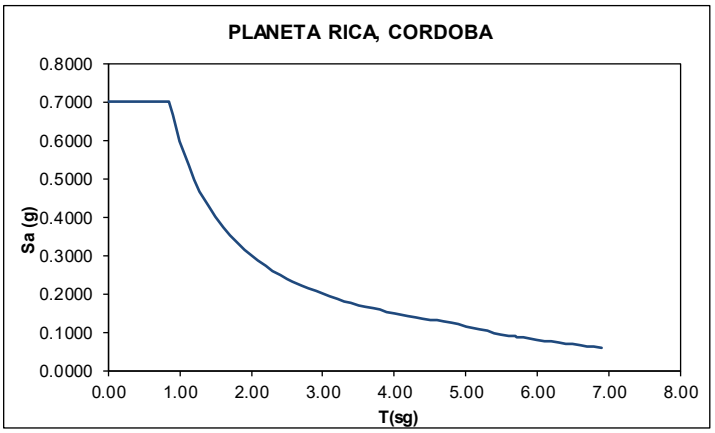
El refuerzo longitudinal y transversal, acero corrugado Grado 60 con punto de fluencia fy=42000Ton/m2. El módulo de elasticidad de este acero es Es= 20´390.000 Ton/m2.

1.4 ZONA DE MICROZONIFICACIÓN SISMICA

Esta parte incluye la evaluación del Espectro de Diseño Sísmico, acorde según NSR-10. Este espectro se afecta por el Coeficiente de Importancia (I).

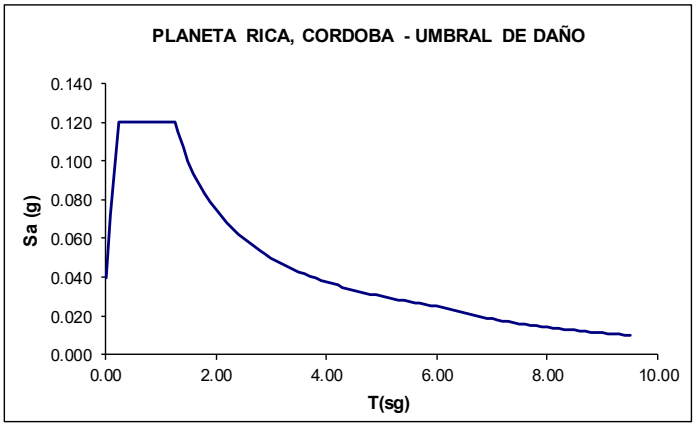
PARAMETROS SISMICOS
Region: PLANETA RICA, CORDOBA

	PLANETA RICA, CORDOBA
Tc	0.85
TL	4.80
Aa	0.15
Av	0.20
Fa	1.50
Fv	2.00
I	1.25
Samax =	0.7031



PARAMETROS SISMICOS
Region: PLANETA RICA, CORDOBA - UMBRAL DE DAÑO

	PLANETA RICA, CORDOBA
Ad	0.04
Ae	0.08
Fv	2.00
S	2.50
Tcd	1.25
TLd	6.00
I	1.25
Sadmax	0.12



1.5 EVALUACIÓN DE IRREGULARIDADES

Con el objeto de establecer el comportamiento de la edificación ante cargas sísmicas, se evalúan sus irregularidades en planta y en altura. En la siguiente tabla se determinan los grados de irregularidad según el Titulo A de la NSR-10 tablas A.3-6 y A.3-7.

ϕa: Irregularidad en altura ϕp: Irregularidad en planta

Bloque	ϕa	Descripción	ϕp	Descripción
BLOQUE E	1.0	Estructura de dos pisos no presenta irregularidad en altura.	1.0	Estructura con forma rectangular no presenta irregularidades en planta.

1.6 DETERMINACIÓN DE Sa y Ro.

CALCULO DEL CORTANTE SISMICO

Ct = 0.047
α = 0.900
Av = 0.200
Fv = 2.000

Para porticos resistentes a momentos de concreto

Cu = 1.27
Ta = Ct * Hn^(α)

Cu =	1.27	Periodo Etabs	
Hn=	6.80 m	T =	0.461 sg
Ta=	0.26 sg	Sa =	0.7031
Cu Ta =	0.34 sg		
10%Cu Ta =	0.37 sg		

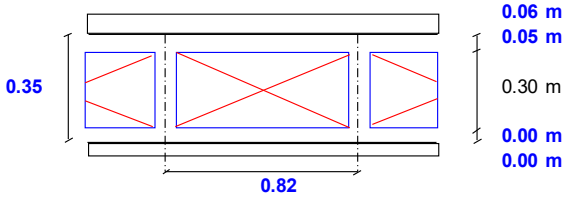
R =	Ro Φp Φa Φr	Φp=	1.00
Ro =	5.00	Φa=	1.00
		Φr=	0.75
R =	3.75		

Peso total del edificio= 176.75T Cortante en la base= 124.28T

1.7 EVALUACIÓN DE CARGAS VERTICALES Y SISMICAS

1.7.1 CARGAS VERTICALES

CARGAS SOBRE LOSA ALIGERADA SEGUNDO PISO



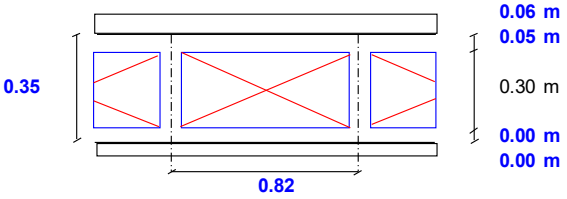
PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Espesor m	Densidad T/m³	Peso Ton/m²	NSR 10 CAP B-3
Viguetas	0.12	2.40	0.105	B.3.2
Losa superior	0.05	2.40	0.120	B.3.2
Alistado	0.06	2.10	0.126	B.3.2
Caseton			0.022	
Muros Mamposteria		1.80	0.100	B.3.4.2
Losa inferior	0.00	2.40	0.000	B.3.2
Cielorraso	0.00	2.10	0.025	B.3.2
Instalaciones			0.010	
Total			0.51T/m²	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
SALONES	0.20T/m²	

CARGAS SOBRE LOSA ALIGERADA SEGUNDO PISO



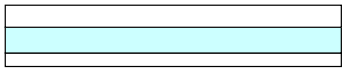
PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Espesor m	Densidad T/m³	Peso Ton/m²	NSR 10 CAP B-3
Viguetas	0.12	2.40	0.105	B.3.2
Losa superior	0.05	2.40	0.120	B.3.2
Alistado	0.06	2.10	0.126	B.3.2
Caseton			0.022	
Muros Mamposteria		1.80	0.000	B.3.4.2
Losa inferior	0.00	2.40	0.000	B.3.2
Cielorraso	0.00	2.10	0.025	B.3.2
Instalaciones			0.010	
Total			0.41T/m²	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
CORREDORES	0.50T/m²	

CARGAS SOBRE LOSA MACIZA NE+9.60



0.03 m
0.10 m
0.00 m

PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Espesor m	Densidad T/m³	Peso Ton/m²	NSR 10 CAP B-3
Losa Maciza	0.10	2.40	0.240	B.3.2
Alistado	0.03	2.10	0.063	B.3.2
Muros Mamposteria		1.80	0.000	B.3.4.2
Impermeabilizacion			0.015	B.3.3
Instalaciones			0.005	
Total			**0.32T/m²**	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
LIVIANA	**0.05T/m²**	

CARGAS SOBRE CUBIERTA



PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Peso Ton/m²	NSR 10 CAP B-4
Teja tipo sandwich	0.013	B.3.3
Correas	0.030	
Iluminacion	0.005	
Cielorraso	0.020	
Total	**0.07T/m²**	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
Cubierta, pendiente menor al 20%	0.05T/m²	

1.7.2 CARGAS HORIZONTALES (SÍSMICAS)

El efecto de la torsión accidental se considera en el programa ETABS cuando en las combinaciones de carga sísmicas (SISMOX, SISMOY) se afecta la dirección en análisis por 0.05. Ver Define Response Spectra en el archivo base.

1.8 DESCRIPCIÓN DE LA METODOLOGÍA DEL ANÁLISIS SISMICO

La modelación matemática se realizó en el programa ETABS. Los modelos reflejan la configuración tridimensional de la edificación. El método de análisis del sistema de resistencia sísmica es por el método de Fuerza Horizontal Equivalente. El alcance del modelo matemático abarca el análisis de vigas y columnas, en el rango elástico.

2 DATOS DE ENTRADA DE LOS MODELOS DE CÁLCULO Y DISEÑO

```
$ File D:\Users\Isabella\Desktop\PROYECTOS\2024\02-INGENIEROS\19-
LUCHO\INGENIERIA\MOD_BL E PLANETA RICA.$et saved 07/10/2024 06:58:04 p.
m.

$ PROGRAM INFORMATION
  PROGRAM  "ETABS"  VERSION "18.1.1"

$ CONTROLS
  UNITS  "TONF"  "M"  "C"
  TITLE2  "MOD_LA ESMERALDA AJUSTE"
  PREFERENCE  MERGETOL 0.001
  RLLF  METHOD "UBC97"  USEDEFAULTMIN "YES"

$ STORIES - IN SEQUENCE FROM TOP
  STORY "NE+6.80"  HEIGHT 3.35
  STORY "NE+3.45"  HEIGHT 3.45
  STORY "Base"  ELEV 0

$ GRIDS
  GRIDSYSTEM "G1"  TYPE "CARTESIAN"  BUBBLESIZE 1
  GENGRID "G1"  LABEL "1"  X1 0 Y1 -1.65 X2 0 Y2 8.47 VISIBLE "Yes"
BUBBLELOC "End"
  GENGRID "G1"  LABEL "2"  X1 3.4 Y1 -1.65 X2 3.4 Y2 8.47 VISIBLE "Yes"
BUBBLELOC "End"
  GENGRID "G1"  LABEL "3"  X1 6.8 Y1 -1.65 X2 6.8 Y2 8.47 VISIBLE "Yes"
BUBBLELOC "End"
  GENGRID "G1"  LABEL "4"  X1 10.15 Y1 -1.65 X2 10.15 Y2 8.47 VISIBLE
"Yes"  BUBBLELOC "End"
  GENGRID "G1"  LABEL "A"  X1 0 Y1 0 X2 10.15 Y2 0 VISIBLE "Yes"
BUBBLELOC "Start"
  GENGRID "G1"  LABEL "B"  X1 0 Y1 4.15 X2 10.15 Y2 4.15 VISIBLE "Yes"
BUBBLELOC "Start"
  GENGRID "G1"  LABEL "C"  X1 0 Y1 8.47 X2 10.15 Y2 8.47 VISIBLE "Yes"
BUBBLELOC "Start"

$ DIAPHRAGM NAMES
  DIAPHRAGM "D1"    TYPE RIGID

$ MATERIAL PROPERTIES
  MATERIAL  "STEEL"    TYPE "Steel"    WEIGHTPERVOLUME 7.833414
  MATERIAL  "STEEL"    SYMTYPE "Isotropic"  E 2.038902E+07  U 0.3  A
1.16999999590917E-05
  MATERIAL  "STEEL"  FY 35153.48  FU 45699.53 FYE 38668.83  FUE 50269.48
  MATERIAL  "STEEL"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17
```

```
FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "CONC"    TYPE "Concrete"    WEIGHTPERVOLUME 8.68E-05
  MATERIAL  "CONC"    SYMTYPE "Isotropic"  E 3600  U 0.2  A
5.500000042957525E-06
  MATERIAL  "CONC"    FC 4
  MATERIAL  "CONC"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC"  HYSTYPE "Takeda"  SSTYPE "Simple"  STRAINATFC
0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006
CPCOMPRESSION 0.015
  MATERIAL  "OTHER"    TYPE "Other"    WEIGHTPERVOLUME 7.833414
  MATERIAL  "OTHER"    SYMTYPE "Isotropic"  E 2.038902E+07  U 0.3  A
1.169999999590917E-05
  MATERIAL  "OTHER"  DESIGNTYPE "OTHER"
  MATERIAL  "OTHER"  HYSTYPE "Elastic"  IOTENSION 0.01 LSTENSION 0.02
CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
IGNORETENSIONACCEPTANCE "No"
  MATERIAL  "OTHER"  STRAIN -1 STRESS -1
  MATERIAL  "OTHER"  STRAIN 0 STRESS 0 POINTID "A"
  MATERIAL  "OTHER"  STRAIN 1 STRESS 1
  MATERIAL  "CONC21"    TYPE "Concrete"    WEIGHTPERVOLUME 2.4
  MATERIAL  "CONC21"    SYMTYPE "Isotropic"  E 2153811  U 0.2  A
9.899999989542412E-06
  MATERIAL  "CONC21"    FC 2100
  MATERIAL  "CONC21"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC21"  HYSTYPE "Takeda"  SSTYPE "Simple"  STRAINATFC
0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006
CPCOMPRESSION 0.015
  MATERIAL  "A615Gr60"    TYPE "Rebar"    WEIGHTPERVOLUME 7.849048
  MATERIAL  "A615Gr60"    SYMTYPE "Uniaxial"  E 2.038902E+07  A
1.16999999590917E-05
  MATERIAL  "A615Gr60"  FY 42184.18  FU 63276.27 FYE 42184.18  FUE
63276.27
  MATERIAL  "A615Gr60"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.01 STRAINATULTIMATE 0.09 FINALSLOPE -0.1 IOTENSION
0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01
CPCOMPRESSION 0.02
  MATERIAL  "A416Gr270"    TYPE "Tendon"    GRADE "Grade 270"
WEIGHTPERVOLUME 7.849048
  MATERIAL  "A416Gr270"    SYMTYPE "Uniaxial"  E 2.003748E+07  A
1.16999999590917E-05
  MATERIAL  "A416Gr270"  FY 172322.4  FU 189828.8
  MATERIAL  "A416Gr270"  HYSTYPE "Kinematic"  SSTYPE "270ksi"  FINALSLOPE
-0.1 IOTENSION 0.015 LSTENSION 0.023 CPTENSION 0.03 IOCOMPRESSION 0.015
LSCOMPRESSION 0.023 CPCOMPRESSION 0.03

$ REBAR DEFINITIONS
  REBARDEFINITION  "#2"  AREA  3.2258E-05 DIA  0.00635
  REBARDEFINITION  "#3"  AREA  7.09676E-05 DIA  0.009525
  REBARDEFINITION  "#4"  AREA  0.000129032 DIA  0.0127
  REBARDEFINITION  "#5"  AREA  0.0001999996 DIA  0.015875
  REBARDEFINITION  "#6"  AREA  0.0002838704 DIA  0.01905
  REBARDEFINITION  "#7"  AREA  0.000387096 DIA  0.022225
  REBARDEFINITION  "#8"  AREA  0.0005096764 DIA  0.0254
  REBARDEFINITION  "#9"  AREA  0.00064516 DIA  0.0286512
  REBARDEFINITION  "#10"  AREA  0.0008193532 DIA  0.032258
  REBARDEFINITION  "#11"  AREA  0.00100645 DIA  0.035814
  REBARDEFINITION  "#14"  AREA  0.00145161 DIA  0.0430022
  REBARDEFINITION  "#18"  AREA  0.00258064 DIA  0.0573278
  REBARDEFINITION  "10M"  AREA  0.0001 DIA  0.0113
  REBARDEFINITION  "15M"  AREA  0.0002 DIA  0.016
  REBARDEFINITION  "20M"  AREA  0.0003 DIA  0.0195
  REBARDEFINITION  "25M"  AREA  0.0005 DIA  0.0252
  REBARDEFINITION  "30M"  AREA  0.0007 DIA  0.0299
  REBARDEFINITION  "35M"  AREA  0.001 DIA  0.0357
  REBARDEFINITION  "45M"  AREA  0.0015 DIA  0.0437
  REBARDEFINITION  "55M"  AREA  0.0025 DIA  0.0564
  REBARDEFINITION  "6d"  AREA  2.83E-05 DIA  0.006
  REBARDEFINITION  "8d"  AREA  5.03E-05 DIA  0.008
  REBARDEFINITION  "10d"  AREA  7.85E-05 DIA  0.01
  REBARDEFINITION  "12d"  AREA  0.000113 DIA  0.012
  REBARDEFINITION  "14d"  AREA  0.000154 DIA  0.014
  REBARDEFINITION  "16d"  AREA  0.000201 DIA  0.016
  REBARDEFINITION  "20d"  AREA  0.000314 DIA  0.02
  REBARDEFINITION  "25d"  AREA  0.000491 DIA  0.025
  REBARDEFINITION  "26d"  AREA  0.000531 DIA  0.026
  REBARDEFINITION  "28d"  AREA  0.000616 DIA  0.028
  REBARDEFINITION  "N12"  AREA  0.000113 DIA  0.012
  REBARDEFINITION  "N16"  AREA  0.000201 DIA  0.016
  REBARDEFINITION  "N20"  AREA  0.000314 DIA  0.02
  REBARDEFINITION  "N24"  AREA  0.000452 DIA  0.024
  REBARDEFINITION  "N28"  AREA  0.000616 DIA  0.028
  REBARDEFINITION  "N32"  AREA  0.000804 DIA  0.032
  REBARDEFINITION  "N36"  AREA  0.00102 DIA  0.036

$ FRAME SECTIONS
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  FRAMESECTION  "V30X35"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.35 B 0.3 NOTIONALUSERVALUE 1
  FRAMESECTION  "V12X35"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.35 B 0.12 NOTIONALUSERVALUE 1
  FRAMESECTION  "V30X45"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.45 B 0.3 NOTIONALUSERVALUE 1
  FRAMESECTION  "C35X35"  I2MOD 0.7 I3MOD 0.7
  FRAMESECTION  "V30X35"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "V12X35"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "V30X45"  JMOD 0.1 I3MOD 0.35

$ CONCRETE SECTIONS
  CONCRETESECTION  "C35X35"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Column"  PATTERN "R-3-3"  TRANSREINF
"TIES"  DESIGNCHECK "DESIGN"  COVER 0.04 LONGBARAREA 0.00064516
CONFINEBARAREA 3.2258E-05 CONFINEBARSPACING 0.15 NUMCONFINEBARS3 3
NUMCONFINEBARS2 3
  CONCRETESECTION  "V30X35"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "V12X35"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "V30X45"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0

$ TENDON SECTIONS
  TENDONSECTION  "Tendon1"  MATERIAL  "A416Gr270"  STRANDAREA  9.870948E-
05

$ SLAB PROPERTIES
  SHELLPROP  "LOSA"  PROPTYPE  "Slab"  MATERIAL "CONC21"  MODELINGTYPE
"Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS 0.0001
NOTIONALUSERVALUE 1
  SHELLPROP  "PLANK1"  PROPTYPE  "Slab"  MATERIAL "CONC21"  MODELINGTYPE
"Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS 0.25
NOTIONALUSERVALUE 1
  SHELLPROP  "PLANK1"  F11MOD 0.01 F22MOD 0.01

$ DECK PROPERTIES
  SHELLPROP  "DECK1"  PROPTYPE  "Deck"  DECKTYPE "Filled"  CONCMATERIAL
"CONC21"  DECKMATERIAL "STEEL"  DECKSLABDEPTH 0.0889 DECKRIBDEPTH 0.0762
DECKRIBWIDTHTOP 0.1524 DECKRIBWIDTHBOTTOM 0.1524 DECKRIBSPACING 0.3048
DECKSHEARTHICKNESS 0.000889 DECKUNITWEIGHT 0.01122958 SHEARSTUDDIAM
0.01905 SHEARSTUDHEIGHT 0.1524 SHEARSTUDFU 42184.18

$ WALL PROPERTIES
  SHELLPROP  "WALL1"  PROPTYPE  "Wall"  MATERIAL "CONC21"  MODELINGTYPE
"ShellThin"  WALLTHICKNESS 0.25 NOTIONALUSERVALUE 1
  SHELLPROP  "E 20"  PROPTYPE  "Wall"  MATERIAL "CONC21"  MODELINGTYPE
"ShellThin"  WALLTHICKNESS 0.2 NOTIONALUSERVALUE 1

$ LINK PROPERTIES
  LINKPROP  "NLPR1"  TYPE "DAMPER - EXPONENTIAL"
  LINKPROP  "NLPR1"  DOF "U1"

$ PANEL ZONE PROPERTIES
  PANELZONE  "PZone1"  PZENDOFFSETSRIGID  "No"  PZACTIVEDIRECTIONS
"Both"  PZTYPE  "From Column"
  PANELZONE  "PZone1"  PZDOUBLER  0

$ PIER/SPANDREL NAMES
  PIERNAME  "P1"
  SPANDRELNAME  "S1"

$ POINT COORDINATES
  POINT "1"  6.8 -1.65
  POINT "2"  10.15 -1.65
  POINT "3"  0 0
  POINT "4"  3.4 0
  POINT "5"  6.8 0
  POINT "6"  10.15 0
  POINT "7"  0 4.15
  POINT "8"  3.4 4.15
  POINT "9"  6.8 4.15
  POINT "10"  10.15 4.15
  POINT "12"  0 8.47
  POINT "13"  3.4 8.47
  POINT "14"  6.8 8.47
  POINT "15"  10.15 8.47

$ LINE CONNECTIVITIES
  LINE  "C1"  COLUMN  "3"  "3"  1
  LINE  "C2"  COLUMN  "4"  "4"  1
  LINE  "C3"  COLUMN  "5"  "5"  1
  LINE  "C4"  COLUMN  "6"  "6"  1
  LINE  "C5"  COLUMN  "7"  "7"  1
  LINE  "C6"  COLUMN  "8"  "8"  1
  LINE  "C7"  COLUMN  "9"  "9"  1
  LINE  "C8"  COLUMN  "10"  "10"  1
  LINE  "C9"  COLUMN  "12"  "12"  1
  LINE  "C10"  COLUMN  "13"  "13"  1
  LINE  "C11"  COLUMN  "14"  "14"  1
  LINE  "C12"  COLUMN  "15"  "15"  1
  LINE  "B1"  BEAM  "1"  "2"  0
  LINE  "B2"  BEAM  "1"  "5"  0
  LINE  "B3"  BEAM  "2"  "6"  0
  LINE  "B4"  BEAM  "3"  "4"  0
  LINE  "B5"  BEAM  "4"  "5"  0
  LINE  "B6"  BEAM  "5"  "6"  0
  LINE  "B7"  BEAM  "3"  "7"  0
  LINE  "B8"  BEAM  "4"  "8"  0
  LINE  "B9"  BEAM  "5"  "9"  0
  LINE  "B10"  BEAM  "6"  "10"  0
  LINE  "B11"  BEAM  "7"  "8"  0
  LINE  "B12"  BEAM  "8"  "9"  0
  LINE  "B13"  BEAM  "9"  "10"  0
  LINE  "B14"  BEAM  "7"  "12"  0
  LINE  "B15"  BEAM  "8"  "13"  0
  LINE  "B16"  BEAM  "9"  "14"  0
  LINE  "B17"  BEAM  "10"  "15"  0
  LINE  "B18"  BEAM  "12"  "13"  0
  LINE  "B19"  BEAM  "13"  "14"  0
  LINE  "B20"  BEAM  "14"  "15"  0

$ AREA CONNECTIVITIES
  AREA "F1"  FLOOR  10  "3"  "7"  "12"  "13"  "14"  "15"  "10"  "6"  "5"
"4"  0  0  0  0  0  0  0  0  0  0
  AREA "F3"  FLOOR  4  "2"  "6"  "5"  "1"  0  0  0  0
```

```
$ GROUPS
  GROUP "DER"
  GROUP "DER"  POINT "3"  "NE+3.45"
  GROUP "DER"  POINT "4"  "NE+3.45"
  GROUP "DER"  POINT "7"  "NE+3.45"
  GROUP "DER"  POINT "12"  "NE+3.45"
  GROUP "DER"  POINT "13"  "NE+3.45"
  GROUP "DER"  POINT "5"  "NE+3.45"
  GROUP "DER"  POINT "9"  "NE+3.45"
  GROUP "DER"  POINT "14"  "NE+3.45"
  GROUP "DER"  POINT "6"  "NE+3.45"
  GROUP "DER"  POINT "15"  "NE+3.45"
  GROUP "DER"  POINT "3"  "NE+6.80"
  GROUP "DER"  POINT "4"  "NE+6.80"
  GROUP "DER"  POINT "5"  "NE+6.80"
  GROUP "DER"  POINT "6"  "NE+6.80"
  GROUP "DER"  POINT "7"  "NE+6.80"
  GROUP "DER"  POINT "9"  "NE+6.80"
  GROUP "DER"  POINT "12"  "NE+6.80"
  GROUP "DER"  POINT "13"  "NE+6.80"
  GROUP "DER"  POINT "14"  "NE+6.80"
  GROUP "DER"  POINT "15"  "NE+6.80"
  GROUP "DER"  POINT "8"  "NE+3.45"
  GROUP "DER"  POINT "10"  "NE+3.45"
  GROUP "DER"  POINT "8"  "NE+6.80"
  GROUP "DER"  POINT "10"  "NE+6.80"
  GROUP "DER"  LINE "C1"  "NE+3.45"
  GROUP "DER"  LINE "C2"  "NE+3.45"
  GROUP "DER"  LINE "C3"  "NE+3.45"
  GROUP "DER"  LINE "C4"  "NE+3.45"
  GROUP "DER"  LINE "C5"  "NE+3.45"
  GROUP "DER"  LINE "C7"  "NE+3.45"
  GROUP "DER"  LINE "C9"  "NE+3.45"
  GROUP "DER"  LINE "C10"  "NE+3.45"
  GROUP "DER"  LINE "C11"  "NE+3.45"
  GROUP "DER"  LINE "C12"  "NE+3.45"
  GROUP "DER"  LINE "C1"  "NE+6.80"
  GROUP "DER"  LINE "C2"  "NE+6.80"
  GROUP "DER"  LINE "C3"  "NE+6.80"
  GROUP "DER"  LINE "C4"  "NE+6.80"
  GROUP "DER"  LINE "C5"  "NE+6.80"
  GROUP "DER"  LINE "C7"  "NE+6.80"
  GROUP "DER"  LINE "C9"  "NE+6.80"
  GROUP "DER"  LINE "C10"  "NE+6.80"
  GROUP "DER"  LINE "C11"  "NE+6.80"
  GROUP "DER"  LINE "C12"  "NE+6.80"
  GROUP "DER"  LINE "C6"  "NE+3.45"
  GROUP "DER"  LINE "C8"  "NE+3.45"
  GROUP "DER"  LINE "C6"  "NE+6.80"
  GROUP "DER"  LINE "C8"  "NE+6.80"

$ POINT ASSIGNS
  POINTASSIGN  "3"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "3"  "NE+3.45"  DIAPH "DISCONNECTED"
  POINTASSIGN  "4"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "4"  "NE+3.45"  DIAPH "DISCONNECTED"
  POINTASSIGN  "5"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "6"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "7"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "7"  "NE+3.45"  DIAPH "DISCONNECTED"
  POINTASSIGN  "8"  "NE+3.45"  DIAPH "DISCONNECTED"
  POINTASSIGN  "9"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "12"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "13"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "14"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "15"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "12"  "NE+3.45"  DIAPH "DISCONNECTED"
  POINTASSIGN  "13"  "NE+3.45"  DIAPH "DISCONNECTED"
  POINTASSIGN  "5"  "NE+3.45"  DIAPH "DISCONNECTED"
  POINTASSIGN  "9"  "NE+3.45"  DIAPH "DISCONNECTED"
  POINTASSIGN  "14"  "NE+3.45"  DIAPH "DISCONNECTED"
  POINTASSIGN  "6"  "NE+3.45"  DIAPH "DISCONNECTED"
  POINTASSIGN  "10"  "NE+3.45"  DIAPH "DISCONNECTED"
  POINTASSIGN  "15"  "NE+3.45"  DIAPH "DISCONNECTED"
  POINTASSIGN  "3"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "4"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "5"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "6"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "7"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "8"  "NE+6.80"  DIAPH "DISCONNECTED"
  POINTASSIGN  "9"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "10"  "NE+6.80"  DIAPH "DISCONNECTED"
  POINTASSIGN  "12"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "13"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "14"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "15"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "8"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "10"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "1"  "NE+3.45"  DIAPH "DISCONNECTED"
  POINTASSIGN  "2"  "NE+3.45"  DIAPH "DISCONNECTED"
  POINTASSIGN  "1"  "NE+6.80"  USERJOINT  "Yes"
  POINTASSIGN  "2"  "NE+6.80"  USERJOINT  "Yes"

$ LINE ASSIGNS
  LINEASSIGN  "C1"  "NE+3.45"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C2"  "NE+3.45"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C3"  "NE+3.45"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C4"  "NE+3.45"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C5"  "NE+3.45"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C7"  "NE+3.45"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C9"  "NE+3.45"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C10"  "NE+3.45"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C11"  "NE+3.45"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C12"  "NE+3.45"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B4"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B5"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B6"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B11"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B12"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B13"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B18"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B19"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B20"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B7"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B14"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B8"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B15"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B9"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B16"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B10"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B17"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C1"  "NE+6.80"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C2"  "NE+6.80"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C3"  "NE+6.80"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C4"  "NE+6.80"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C5"  "NE+6.80"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C7"  "NE+6.80"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C9"  "NE+6.80"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C10"  "NE+6.80"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C11"  "NE+6.80"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C12"  "NE+6.80"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B4"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B5"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B6"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B11"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B12"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B13"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B18"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B19"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B20"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B7"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B14"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B8"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B15"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B9"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B16"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B10"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
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  LINEASSIGN  "B17"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C6"  "NE+3.45"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C8"  "NE+3.45"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B2"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B3"  "NE+3.45"  SECTION "V30X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B1"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B2"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B3"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B1"  "NE+6.80"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C6"  "NE+6.80"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C8"  "NE+6.80"  SECTION "C35X35"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"

$ AREA ASSIGNS
  AREAASSIGN  "F1"  "NE+3.45"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"AUTOMESH"  MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F3"  "NE+3.45"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"AUTOMESH"  MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F3"  "NE+6.80"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"AUTOMESH"  MESHAT "BEAMS"  MESHAT "WALLS"  CARDINALPOINT "TOP"
TRANSFORMSTIFFNESSFOROFFSETS "No"

$ LOAD PATTERNS
  LOADPATTERN "PPROPIO"  TYPE  "Dead"  SELFWEIGHT  1
  LOADPATTERN "MUERTA"  TYPE  "Dead"  SELFWEIGHT  0
  LOADPATTERN "VIVA"  TYPE  "Live"  SELFWEIGHT  0
  LOADPATTERN "SISMOX"  TYPE  "Seismic"  SELFWEIGHT  0
  LOADPATTERN "SISMOY"  TYPE  "Seismic"  SELFWEIGHT  0
  SEISMIC "SISMOX"  "User Coefficient"    DIR "X+ECC"  ECC 0.05  TOPSTORY
"NE+6.80"    BOTTOMSTORY "Base"    SHEARCOEFF 0.7031  HEIGHTEXPONENT 1
  SEISMIC "SISMOY"  "User Coefficient"    DIR "Y+ECC"  ECC 0.05  TOPSTORY
"NE+6.80"    BOTTOMSTORY "Base"    SHEARCOEFF 0.7031  HEIGHTEXPONENT 1

$ POINT OBJECT LOADS

$ FRAME OBJECT LOADS
  LINELOAD  "B4"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B5"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B6"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B11"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B12"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B13"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B18"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B19"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B20"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B7"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B14"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B8"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B15"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B9"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B16"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B10"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B17"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B4"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B5"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B18"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B19"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B20"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B7"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.12
  LINELOAD  "B7"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.09
  LINELOAD  "B7"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B14"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.12
  LINELOAD  "B14"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.09
  LINELOAD  "B14"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B8"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B8"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.18
  LINELOAD  "B15"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B15"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.18
  LINELOAD  "B9"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B9"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.18
  LINELOAD  "B16"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B16"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.18
  LINELOAD  "B10"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.12
  LINELOAD  "B10"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.09
  LINELOAD  "B10"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B17"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.12
  LINELOAD  "B17"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.09
  LINELOAD  "B17"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B2"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B3"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B2"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B3"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B1"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37

$ SHELL OBJECT LOADS
  AREALOAD  "F1"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.51
  AREALOAD  "F1"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.2
  AREALOAD  "F3"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.41
  AREALOAD  "F3"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.5
  AREALOAD  "F3"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.05
  AREALOAD  "F3"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.32

$ ANALYSIS OPTIONS
  ACTIVEDOF "UX UY UZ RX RY RZ"
  MODELHINGESINLINKS "No"
  PDELTA  METHOD "NONE"
  AUTORECTMESH  LOCALIZEDFLOORMESHING  "Yes"  FLOORMESHMERGEJOINTS  "Yes"
FLOORMESHMAXSIZE  1.25 WALLMESHMAXSIZE  1.25

$ MASS SOURCE
  MASSSOURCE  "MsSrc1"    INCLUDEELEMENTS "No"    INCLUDEADDEDMASS "No"
INCLUDELOADS "Yes"    INCLUDEMOVE "No"    INCLUDELATERALMASS "Yes"
INCLUDEVERTICALMASS "No"    LUMPATSTORIES "Yes"    ISDEFAULT "Yes"
  MASSSOURCELOAD  "MsSrc1"  "PPROPIO"  1
  MASSSOURCELOAD  "MsSrc1"  "MUERTA"  1

$ GENERALIZED DISPLACEMENTS

$ LOAD CASES
  LOADCASE "Modal"  TYPE  "Modal - Eigen"  INITCOND  "PRESET"
  LOADCASE "Modal"  MAXMODES  12 MINMODES  12 EIGENSHIFTFREQ  0
EIGENCUTOFF  0 EIGENTOL  1E-07
  LOADCASE "PPROPIO"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "PPROPIO"  LOADPAT  "PPROPIO"  SF  1
  LOADCASE "MUERTA"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "MUERTA"  LOADPAT  "MUERTA"  SF  1
  LOADCASE "VIVA"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "VIVA"  LOADPAT  "VIVA"  SF  1
  LOADCASE "SISMOX"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "SISMOX"  LOADPAT  "SISMOX"  SF  1
  LOADCASE "SISMOY"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "SISMOY"  LOADPAT  "SISMOY"  SF  1

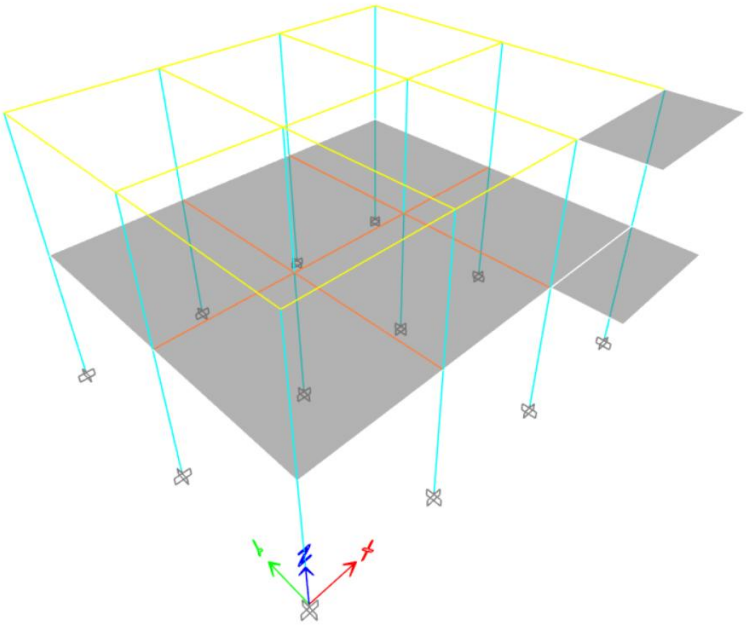
$ LOAD COMBINATIONS
  COMBO "COMB1"  TYPE "Linear Add"
  COMBO "COMB1"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB1"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB1"  LOADCASE "PPROPIO"  SF 1.4
  COMBO "COMB1"  LOADCASE "MUERTA"  SF 1.4
  COMBO "COMB2"  TYPE "Linear Add"
  COMBO "COMB2"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB2"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB2"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB2"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB2"  LOADCASE "VIVA"  SF 1.6
  COMBO "COMB3"  TYPE "Linear Add"
  COMBO "COMB3"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB3"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB3"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB3"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB3"  LOADCASE "VIVA"  SF 1
  COMBO "COMB3"  LOADCASE "SISMOX"  SF 0.27
  COMBO "COMB3"  LOADCASE "SISMOY"  SF 0.08
  COMBO "COMB4"  TYPE "Linear Add"
  COMBO "COMB4"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB4"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB4"  LOADCASE "PPROPIO"  SF 1.2
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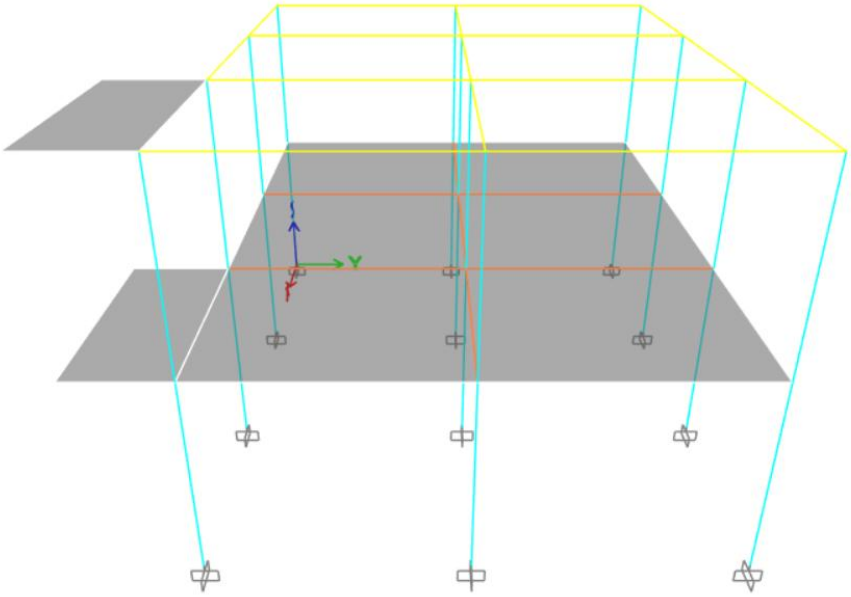
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COMBO "COMB4"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB4"  LOADCASE "VIVA"  SF 1
COMBO "COMB4"  LOADCASE "SISMOX"  SF 0.27
COMBO "COMB4"  LOADCASE "SISMOY"  SF -0.08
COMBO "COMB5"  TYPE "Linear Add"
COMBO "COMB5"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB5"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB5"  LOADCASE "VIVA"  SF 1
COMBO "COMB5"  LOADCASE "SISMOX"  SF -0.27
COMBO "COMB5"  LOADCASE "SISMOY"  SF -0.08
COMBO "COMB6"  TYPE "Linear Add"
COMBO "COMB6"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB6"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB6"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB6"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB6"  LOADCASE "VIVA"  SF 1
COMBO "COMB6"  LOADCASE "SISMOX"  SF -0.27
COMBO "COMB6"  LOADCASE "SISMOY"  SF 0.08
COMBO "COMB7"  TYPE "Linear Add"
COMBO "COMB7"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB7"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB7"  LOADCASE "VIVA"  SF 1
COMBO "COMB7"  LOADCASE "SISMOX"  SF 0.08
COMBO "COMB7"  LOADCASE "SISMOY"  SF 0.27
COMBO "COMB8"  TYPE "Linear Add"
COMBO "COMB8"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB8"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB8"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB8"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB8"  LOADCASE "VIVA"  SF 1
COMBO "COMB8"  LOADCASE "SISMOX"  SF -0.08
COMBO "COMB8"  LOADCASE "SISMOY"  SF 0.27
COMBO "COMB9"  TYPE "Linear Add"
COMBO "COMB9"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB9"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB9"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB9"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB9"  LOADCASE "VIVA"  SF 1
COMBO "COMB9"  LOADCASE "SISMOX"  SF -0.08
COMBO "COMB9"  LOADCASE "SISMOY"  SF -0.27
COMBO "COMB10"  TYPE "Linear Add"
COMBO "COMB10"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB10"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB10"  LOADCASE "PPROPIO"  SF 1.2
COMBO "COMB10"  LOADCASE "MUERTA"  SF 1.2
COMBO "COMB10"  LOADCASE "VIVA"  SF 1
COMBO "COMB10"  LOADCASE "SISMOX"  SF 0.08
COMBO "COMB10"  LOADCASE "SISMOY"  SF -0.27
COMBO "COMB11"  TYPE "Linear Add"
COMBO "COMB11"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB11"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB11"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB11"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB11"  LOADCASE "SISMOX"  SF 0.27
COMBO "COMB11"  LOADCASE "SISMOY"  SF 0.08
COMBO "COMB12"  TYPE "Linear Add"
COMBO "COMB12"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB12"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB12"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB12"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB12"  LOADCASE "SISMOX"  SF 0.27
COMBO "COMB12"  LOADCASE "SISMOY"  SF -0.08
COMBO "COMB13"  TYPE "Linear Add"
COMBO "COMB13"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB13"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB13"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB13"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB13"  LOADCASE "SISMOX"  SF -0.27
COMBO "COMB13"  LOADCASE "SISMOY"  SF -0.08
COMBO "COMB14"  TYPE "Linear Add"
COMBO "COMB14"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB14"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB14"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB14"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB14"  LOADCASE "SISMOX"  SF -0.27
COMBO "COMB14"  LOADCASE "SISMOY"  SF 0.08
COMBO "COMB15"  TYPE "Linear Add"
COMBO "COMB15"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB15"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB15"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB15"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB15"  LOADCASE "SISMOX"  SF 0.08
COMBO "COMB15"  LOADCASE "SISMOY"  SF 0.27
COMBO "COMB16"  TYPE "Linear Add"
COMBO "COMB16"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB16"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB16"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB16"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB16"  LOADCASE "SISMOX"  SF -0.08
COMBO "COMB16"  LOADCASE "SISMOY"  SF 0.27
COMBO "COMB17"  TYPE "Linear Add"
COMBO "COMB17"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB17"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB17"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB17"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB17"  LOADCASE "SISMOX"  SF -0.08
COMBO "COMB17"  LOADCASE "SISMOY"  SF -0.27
COMBO "COMB18"  TYPE "Linear Add"
COMBO "COMB18"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB18"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB18"  LOADCASE "PPROPIO"  SF 0.9
COMBO "COMB18"  LOADCASE "MUERTA"  SF 0.9
COMBO "COMB18"  LOADCASE "SISMOX"  SF 0.08
COMBO "COMB18"  LOADCASE "SISMOY"  SF -0.27
COMBO "DER1"  TYPE "Linear Add"
COMBO "DER1"  LOADCASE "PPROPIO"  SF 1
COMBO "DER1"  LOADCASE "MUERTA"  SF 1
COMBO "DER1"  LOADCASE "VIVA"  SF 1
COMBO "DER1"  LOADCASE "SISMOX"  SF 1
COMBO "DER1"  LOADCASE "SISMOY"  SF 0.3
COMBO "DER2"  TYPE "Linear Add"
COMBO "DER2"  LOADCASE "PPROPIO"  SF 1
COMBO "DER2"  LOADCASE "MUERTA"  SF 1
COMBO "DER2"  LOADCASE "VIVA"  SF 1
COMBO "DER2"  LOADCASE "SISMOX"  SF 1
COMBO "DER2"  LOADCASE "SISMOY"  SF -0.3
COMBO "DER3"  TYPE "Linear Add"
COMBO "DER3"  LOADCASE "PPROPIO"  SF 1
COMBO "DER3"  LOADCASE "MUERTA"  SF 1
COMBO "DER3"  LOADCASE "VIVA"  SF 1
COMBO "DER3"  LOADCASE "SISMOX"  SF -1
COMBO "DER3"  LOADCASE "SISMOY"  SF -0.3
COMBO "DER4"  TYPE "Linear Add"
COMBO "DER4"  LOADCASE "PPROPIO"  SF 1
COMBO "DER4"  LOADCASE "MUERTA"  SF 1
COMBO "DER4"  LOADCASE "VIVA"  SF 1
COMBO "DER4"  LOADCASE "SISMOX"  SF -1
COMBO "DER4"  LOADCASE "SISMOY"  SF 0.3
COMBO "DER5"  TYPE "Linear Add"
COMBO "DER5"  LOADCASE "PPROPIO"  SF 1
COMBO "DER5"  LOADCASE "MUERTA"  SF 1
COMBO "DER5"  LOADCASE "VIVA"  SF 1
COMBO "DER5"  LOADCASE "SISMOX"  SF 0.3
COMBO "DER5"  LOADCASE "SISMOY"  SF 1
COMBO "DER6"  TYPE "Linear Add"
COMBO "DER6"  LOADCASE "PPROPIO"  SF 1
COMBO "DER6"  LOADCASE "MUERTA"  SF 1
COMBO "DER6"  LOADCASE "VIVA"  SF 1
COMBO "DER6"  LOADCASE "SISMOX"  SF -0.3
COMBO "DER6"  LOADCASE "SISMOY"  SF 1
COMBO "DER7"  TYPE "Linear Add"
COMBO "DER7"  LOADCASE "PPROPIO"  SF 1
COMBO "DER7"  LOADCASE "MUERTA"  SF 1
COMBO "DER7"  LOADCASE "VIVA"  SF 1
COMBO "DER7"  LOADCASE "SISMOX"  SF -0.3
COMBO "DER7"  LOADCASE "SISMOY"  SF -1
COMBO "DER8"  TYPE "Linear Add"
COMBO "DER8"  LOADCASE "PPROPIO"  SF 1
COMBO "DER8"  LOADCASE "MUERTA"  SF 1
COMBO "DER8"  LOADCASE "VIVA"  SF 1
COMBO "DER8"  LOADCASE "SISMOX"  SF 0.3
COMBO "DER8"  LOADCASE "SISMOY"  SF -1
COMBO "DER9"  TYPE "Linear Add"
COMBO "DER9"  LOADCASE "PPROPIO"  SF 1
COMBO "DER9"  LOADCASE "MUERTA"  SF 1
COMBO "DER9"  LOADCASE "SISMOX"  SF 1
COMBO "DER9"  LOADCASE "SISMOY"  SF 0.3
COMBO "DER10"  TYPE "Linear Add"
COMBO "DER10"  LOADCASE "PPROPIO"  SF 1
COMBO "DER10"  LOADCASE "MUERTA"  SF 1
COMBO "DER10"  LOADCASE "SISMOX"  SF 1
COMBO "DER10"  LOADCASE "SISMOY"  SF -0.3
COMBO "DER11"  TYPE "Linear Add"
COMBO "DER11"  LOADCASE "PPROPIO"  SF 1
COMBO "DER11"  LOADCASE "MUERTA"  SF 1
COMBO "DER11"  LOADCASE "SISMOX"  SF -1
COMBO "DER11"  LOADCASE "SISMOY"  SF -0.3
COMBO "DER12"  TYPE "Linear Add"
COMBO "DER12"  LOADCASE "PPROPIO"  SF 1
COMBO "DER12"  LOADCASE "MUERTA"  SF 1
COMBO "DER12"  LOADCASE "SISMOX"  SF -1
COMBO "DER12"  LOADCASE "SISMOY"  SF 0.3
COMBO "DER13"  TYPE "Linear Add"
COMBO "DER13"  LOADCASE "PPROPIO"  SF 1
COMBO "DER13"  LOADCASE "MUERTA"  SF 1
COMBO "DER13"  LOADCASE "SISMOX"  SF 0.3
COMBO "DER13"  LOADCASE "SISMOY"  SF 1
COMBO "DER14"  TYPE "Linear Add"
COMBO "DER14"  LOADCASE "PPROPIO"  SF 1
COMBO "DER14"  LOADCASE "MUERTA"  SF 1
COMBO "DER14"  LOADCASE "SISMOX"  SF -0.3
COMBO "DER14"  LOADCASE "SISMOY"  SF 1
COMBO "DER15"  TYPE "Linear Add"
COMBO "DER15"  LOADCASE "PPROPIO"  SF 1
COMBO "DER15"  LOADCASE "MUERTA"  SF 1
COMBO "DER15"  LOADCASE "SISMOX"  SF -0.3
COMBO "DER15"  LOADCASE "SISMOY"  SF -1
COMBO "DER16"  TYPE "Linear Add"
COMBO "DER16"  LOADCASE "PPROPIO"  SF 1
COMBO "DER16"  LOADCASE "MUERTA"  SF 1
COMBO "DER16"  LOADCASE "SISMOX"  SF 0.3
COMBO "DER16"  LOADCASE "SISMOY"  SF -1
COMBO "CIMENT"  TYPE "Linear Add"
COMBO "CIMENT"  LOADCASE "PPROPIO"  SF 1
COMBO "CIMENT"  LOADCASE "MUERTA"  SF 1
COMBO "CIMENT"  LOADCASE "VIVA"  SF 1
COMBO "CORPL3"  TYPE "Linear Add"
COMBO "CORPL3"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL3"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL3"  LOADCASE "VIVA"  SF 1
COMBO "CORPL3"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL3"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL4"  TYPE "Linear Add"
COMBO "CORPL4"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL4"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL4"  LOADCASE "VIVA"  SF 1
COMBO "CORPL4"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL4"  LOADCASE "SISMOY"  SF -0.16
```

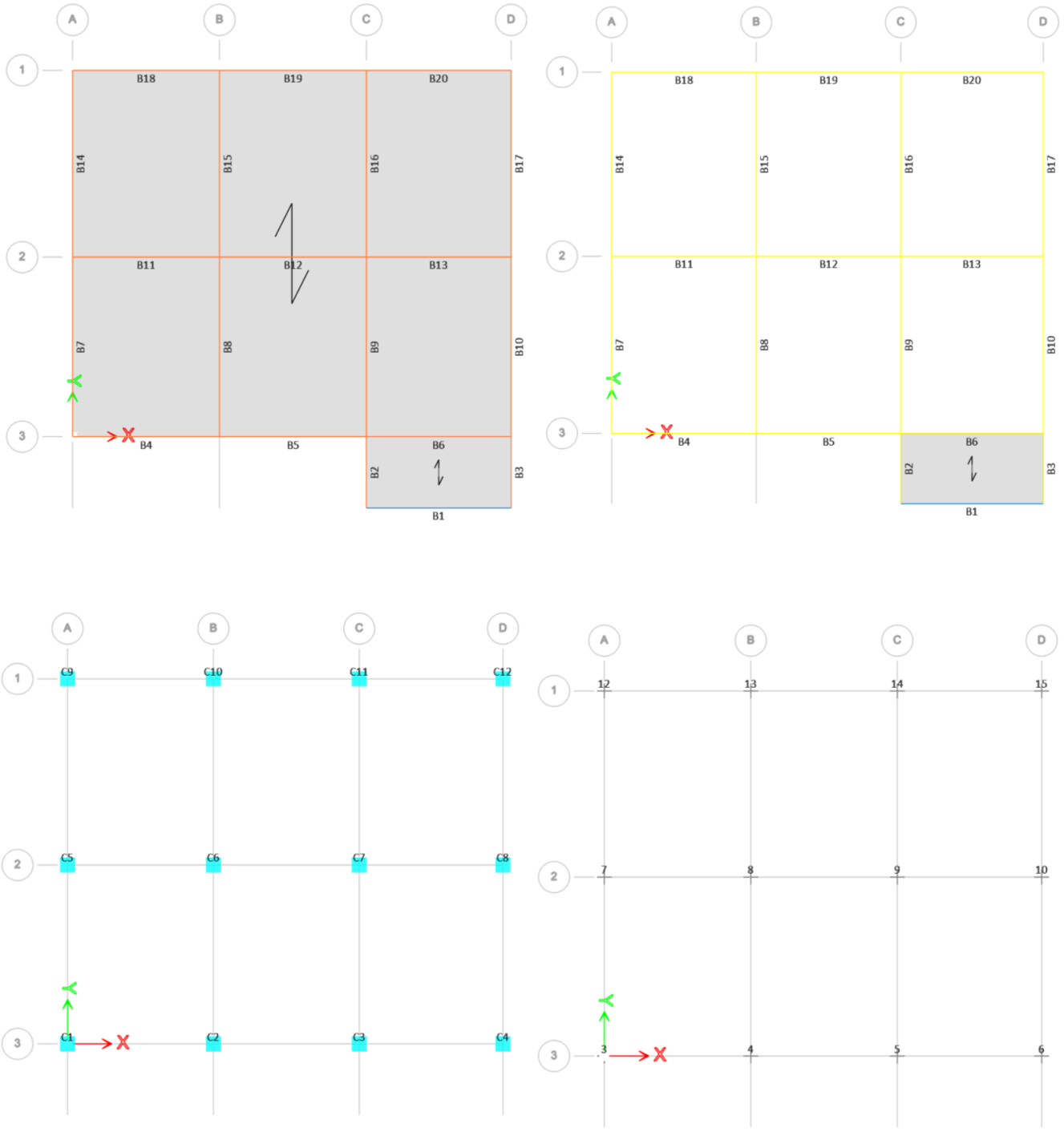
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COMBO "CORPL5"  TYPE "Linear Add"
COMBO "CORPL5"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL5"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL5"  LOADCASE "VIVA"  SF 1
COMBO "CORPL5"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL5"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL6"  TYPE "Linear Add"
COMBO "CORPL6"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL6"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL6"  LOADCASE "VIVA"  SF 1
COMBO "CORPL6"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL6"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL7"  TYPE "Linear Add"
COMBO "CORPL7"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL7"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL7"  LOADCASE "VIVA"  SF 1
COMBO "CORPL7"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL7"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL8"  TYPE "Linear Add"
COMBO "CORPL8"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL8"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL8"  LOADCASE "VIVA"  SF 1
COMBO "CORPL8"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL8"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL9"  TYPE "Linear Add"
COMBO "CORPL9"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL9"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL9"  LOADCASE "VIVA"  SF 1
COMBO "CORPL9"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL9"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL10"  TYPE "Linear Add"
COMBO "CORPL10"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL10"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL10"  LOADCASE "VIVA"  SF 1
COMBO "CORPL10"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL10"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL11"  TYPE "Linear Add"
COMBO "CORPL11"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL11"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL11"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL11"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL12"  TYPE "Linear Add"
COMBO "CORPL12"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL12"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL12"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL12"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL13"  TYPE "Linear Add"
COMBO "CORPL13"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL13"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL13"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL13"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL14"  TYPE "Linear Add"
COMBO "CORPL14"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL14"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL14"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL14"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL15"  TYPE "Linear Add"
COMBO "CORPL15"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL15"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL15"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL15"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL16"  TYPE "Linear Add"
COMBO "CORPL16"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL16"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL16"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL16"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL17"  TYPE "Linear Add"
COMBO "CORPL17"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL17"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL17"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL17"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL18"  TYPE "Linear Add"
COMBO "CORPL18"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL18"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL18"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL18"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL3-1"  TYPE "Linear Add"
COMBO "CORPL3-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL3-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL3-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL3-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL3-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL4-1"  TYPE "Linear Add"
COMBO "CORPL4-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL4-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL4-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL4-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL4-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL5-1"  TYPE "Linear Add"
COMBO "CORPL5-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL5-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL5-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL5-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL5-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL6-1"  TYPE "Linear Add"
COMBO "CORPL6-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL6-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL6-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL6-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL6-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL7-1"  TYPE "Linear Add"
COMBO "CORPL7-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL7-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL7-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL7-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL7-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL8-1"  TYPE "Linear Add"
COMBO "CORPL8-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL8-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL8-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL8-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL8-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL9-1"  TYPE "Linear Add"
COMBO "CORPL9-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL9-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL9-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL9-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL9-1"  LOADCASE "SISMOY"  SF -0.81
COMBO "CORPL10-1"  TYPE "Linear Add"
COMBO "CORPL10-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL10-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL10-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL10-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL10-1"  LOADCASE "SISMOY"  SF -0.81
COMBO "CORPL11-1"  TYPE "Linear Add"
COMBO "CORPL11-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL11-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL11-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL11-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL12-1"  TYPE "Linear Add"
COMBO "CORPL12-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL12-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL12-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL12-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL13-1"  TYPE "Linear Add"
COMBO "CORPL13-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL13-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL13-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL13-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL14-1"  TYPE "Linear Add"
COMBO "CORPL14-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL14-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL14-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL14-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL15-1"  TYPE "Linear Add"
COMBO "CORPL15-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL15-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL15-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL15-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL16-1"  TYPE "Linear Add"
COMBO "CORPL16-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL16-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL16-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL16-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL17-1"  TYPE "Linear Add"
COMBO "CORPL17-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL17-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL17-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL17-1"  LOADCASE "SISMOY"  SF -0.81
COMBO "CORPL18-1"  TYPE "Linear Add"
COMBO "CORPL18-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL18-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL18-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL18-1"  LOADCASE "SISMOY"  SF -0.81

LOG STARTCOMMENTS
```

2.1 ISOMÉTRICO DE LA ESTRUCTURA







NUMERACIÓN ELEMENTOS PLANTA PISO 2, CUBIERTA, COLUMNAS Y NUDOS

2.2 COMBINACIONES DE CARGA

EVALUACIÓN DERIVAS

1.00CM+1.00CV + EQX + 0.30EQY
1.00CM+1.00CV + EQX – 0.30EQY
1.00CM+ EQX + 0.30EQY
1.00CM+ EQX – 0.30EQY

1.00CM+1.00CV – EQX + 0.30EQY	1.00CM– EQX + 0.30EQY
1.00CM+1.00CV – EQX – 0.30EQY	1.00CM– EQX – 0.30EQY
1.00CM+1.00CV + 0.30EQX + EQY	1.00CM+ 0.30EQX + EQY
1.00CM+1.00CV + 0.30EQX – EQY	1.00CM+ 0.30EQX – EQY
1.00CM+1.00CV – 0.30EQX + EQY	1.00CM– 0.30EQX + EQY
1.00CM+1.00CV – 0.30EQX – EQY	1.00CM– 0.30EQX – EQY

DISEÑO ESTRUCTURA

1.40CM
1.20CM+1.60CV

1.20CM+1.00CV + EQX/R + 0.30EQY/R	0.90CM+ EQX/R + 0.30EQY/R
1.20CM+1.00CV + EQX/R – 0.30EQY/R	0.90CM– EQX/R + 0.30EQY/R
1.20CM+1.00CV – EQX/R + 0.30EQY/R	0.90CM+ EQX/R – 0.30EQY/R
1.20CM+1.00CV – EQX/R – 0.30EQY/R	0.90CM– EQX/R – 0.30EQY/R
1.20CM+1.00CV + 0.30EQX/R + EQY/R	0.90CM+ 0.30EQX/R + EQY/R
1.20CM+1.00CV + 0.30EQX/R – EQY/R	0.90CM+ 0.30EQX/R – EQY/R
1.20CM+1.00CV – 0.30EQX/R + EQY/R	0.90CM– 0.30EQX/R + EQY/R
1.20CM+1.00CV – 0.30EQX/R – EQY/R	0.90CM– 0.30EQX/R – EQY/R

REVISIÓN CORTANTE VIGAS

1.20CM+1.00CV + 2EQX/R + 0.60EQY/R	0.90CM+ 2EQX/R + 0.60EQY/R
1.20CM+1.00CV + 2EQX/R – 0.60EQY/R	0.90CM– 2EQX/R + 0.60EQY/R
1.20CM+1.00CV – 2EQX/R + 0.60EQY/R	0.90CM+ 2EQX/R – 0.60EQY/R
1.20CM+1.00CV – 2EQX/R – 0.60EQY/R	0.90CM– 2EQX/R – 0.60EQY/R
1.20CM+1.00CV + 0.60EQX/R + 2EQY/R	0.90CM+ 0.60EQX/R + 2EQY/R
1.20CM+1.00CV + 0.60EQX/R – 2EQY/R	0.90CM+ 0.60EQX/R – 2EQY/R
1.20CM+1.00CV – 0.60EQX/R + 2EQY/R	0.90CM– 0.60EQX/R + 2EQY/R
1.20CM+1.00CV – 0.60EQX/R – 2EQY/R	0.90CM– 0.60EQX/R – 2EQY/R

REVISIÓN CORTANTE COLUMNAS

Incrementado por medio de Ω.
Donde: Ro = 5.00 Ω = 3.00

1.20CM+1.00CV + 3EQX/R + 0.90EQY/R	0.90CM+ 3EQX/R + 0.90EQY/R
1.20CM+1.00CV + 3EQX/R – 0.90EQY/R	0.90CM– 3EQX/R + 0.90EQY/R
1.20CM+1.00CV – 3EQX/R + 0.90EQY/R	0.90CM+ 3EQX/R – 0.90EQY/R
1.20CM+1.00CV – 3EQX/R – 0.90EQY/R	0.90CM– 3EQX/R – 0.90EQY/R
1.20CM+1.00CV + 0.90EQX/R + 3EQY/R	0.90CM+ 0.90EQX/R + 3EQY/R
1.20CM+1.00CV + 0.90EQX/R – 3EQY/R	0.90CM+ 0.90EQX/R – 3EQY/R
1.20CM+1.00CV – 0.90EQX/R + 3EQY/R	0.90CM– 0.90EQX/R + 3EQY/R
1.20CM+1.00CV – 0.90EQX/R – 3EQY/R	0.90CM– 0.90EQX/R – 3EQY/R

2.3 VERIFICACIÓN DE DERIVAS

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	3	DER1	0.041	0.011	0.014	3.35	0.034	OK	0.41
NE+3.45	3	DER1	0.023	0.006	-0.014	3.45	0.035	OK	-0.41
NE+6.80	3	DER2	0.041	-0.015	0.014	3.35	0.034	OK	0.42
NE+3.45	3	DER2	0.022	-0.008	-0.014	3.45	0.035	OK	-0.41
NE+6.80	3	DER3	-0.042	-0.011	0.014	3.35	0.034	OK	0.42
NE+3.45	3	DER3	-0.023	-0.006	-0.014	3.45	0.035	OK	-0.41

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	4	DER1	0.041	0.012	0.014	3.35	0.034	OK	0.41
NE+3.45	4	DER1	0.023	0.007	-0.014	3.45	0.035	OK	-0.40
NE+6.80	4	DER2	0.041	-0.015	0.014	3.35	0.034	OK	0.41
NE+3.45	4	DER2	0.022	-0.008	-0.014	3.45	0.035	OK	-0.42
NE+6.80	4	DER3	-0.042	-0.014	0.014	3.35	0.034	OK	0.42
NE+3.45	4	DER3	-0.023	-0.007	-0.014	3.45	0.035	OK	-0.40

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	5	DER1	0.041	0.013	0.014	3.35	0.034	OK	0.41
NE+3.45	5	DER1	0.023	0.007	-0.014	3.45	0.035	OK	-0.40
NE+6.80	5	DER2	0.041	-0.015	0.014	3.35	0.034	OK	0.42
NE+3.45	5	DER2	0.022	-0.008	-0.015	3.45	0.035	OK	-0.44
NE+6.80	5	DER3	-0.042	-0.016	0.015	3.35	0.034	OK	0.43
NE+3.45	5	DER3	-0.023	-0.008	-0.013	3.45	0.035	OK	-0.39

NE+6.80	3	DER4	-0.042	0.015	0.014	3.35	0.034	OK	0.42
NE+3.45	3	DER4	-0.023	0.008	-0.014	3.45	0.035	OK	-0.41
NE+6.80	3	DER5	0.013	0.042	0.015	3.35	0.034	OK	0.44
NE+3.45	3	DER5	0.007	0.022	-0.015	3.45	0.035	OK	-0.44
NE+6.80	3	DER6	-0.012	0.043	0.015	3.35	0.034	OK	0.45
NE+3.45	3	DER6	-0.006	0.022	-0.015	3.45	0.035	OK	-0.44
NE+6.80	3	DER7	-0.014	-0.043	0.015	3.35	0.034	OK	0.45
NE+3.45	3	DER7	-0.007	-0.022	-0.015	3.45	0.035	OK	-0.44
NE+6.80	3	DER8	0.011	-0.044	0.015	3.35	0.034	OK	0.45
NE+3.45	3	DER8	0.006	-0.023	-0.014	3.45	0.035	OK	-0.39
NE+6.80	3	DER9	0.042	0.011	0.014	3.35	0.034	OK	0.41
NE+3.45	3	DER9	0.023	0.006	-0.014	3.45	0.035	OK	-0.41
NE+6.80	3	DER10	0.041	-0.015	0.014	3.35	0.034	OK	0.42
NE+3.45	3	DER10	0.022	-0.008	-0.014	3.45	0.035	OK	-0.40
NE+6.80	3	DER11	-0.042	-0.011	0.014	3.35	0.034	OK	0.42
NE+3.45	3	DER11	-0.023	-0.006	-0.014	3.45	0.035	OK	-0.41
NE+6.80	3	DER12	-0.041	0.015	0.014	3.35	0.034	OK	0.42
NE+3.45	3	DER12	-0.023	0.008	-0.014	3.45	0.035	OK	-0.41
NE+6.80	3	DER13	0.013	0.042	0.015	3.35	0.034	OK	0.44
NE+3.45	3	DER13	0.007	0.022	-0.015	3.45	0.035	OK	-0.44
NE+6.80	3	DER14	-0.012	0.043	0.015	3.35	0.034	OK	0.45
NE+3.45	3	DER14	-0.006	0.023	-0.015	3.45	0.035	OK	-0.43
NE+6.80	3	DER15	-0.014	-0.043	0.015	3.35	0.034	OK	0.45
NE+3.45	3	DER15	-0.007	-0.022	-0.015	3.45	0.035	OK	-0.44
NE+6.80	3	DER16	0.011	-0.044	0.015	3.35	0.034	OK	0.45
NE+3.45	3	DER16	0.006	-0.023	0.016	3.45	0.035	OK	0.48

0.477

NE+6.80	4	DER4	-0.042	0.013	0.014	3.35	0.034	OK	0.41
NE+3.45	4	DER4	-0.023	0.007	-0.015	3.45	0.035	OK	-0.44
NE+6.80	4	DER5	0.013	0.044	0.015	3.35	0.034	OK	0.44
NE+3.45	4	DER5	0.007	0.024	-0.015	3.45	0.035	OK	-0.43
NE+6.80	4	DER6	-0.012	0.044	0.015	3.35	0.034	OK	0.44
NE+3.45	4	DER6	-0.006	0.024	-0.016	3.45	0.035	OK	-0.46
NE+6.80	4	DER7	-0.014	-0.045	0.015	3.35	0.034	OK	0.46
NE+3.45	4	DER7	-0.007	-0.024	-0.015	3.45	0.035	OK	-0.44
NE+6.80	4	DER8	0.011	-0.046	0.015	3.35	0.034	OK	0.46
NE+3.45	4	DER8	0.006	-0.025	-0.013	3.45	0.035	OK	-0.36
NE+6.80	4	DER9	0.042	0.012	0.014	3.35	0.034	OK	0.41
NE+3.45	4	DER9	0.023	0.007	-0.014	3.45	0.035	OK	-0.41
NE+6.80	4	DER10	0.041	-0.015	0.014	3.35	0.034	OK	0.42
NE+3.45	4	DER10	0.022	-0.008	-0.014	3.45	0.035	OK	-0.41
NE+6.80	4	DER11	-0.042	-0.013	0.014	3.35	0.034	OK	0.42
NE+3.45	4	DER11	-0.023	-0.007	-0.014	3.45	0.035	OK	-0.40
NE+6.80	4	DER12	-0.041	0.014	0.014	3.35	0.034	OK	0.41
NE+3.45	4	DER12	-0.023	0.007	-0.015	3.45	0.035	OK	-0.45
NE+6.80	4	DER13	0.013	0.044	0.015	3.35	0.034	OK	0.44
NE+3.45	4	DER13	0.007	0.024	-0.015	3.45	0.035	OK	-0.43
NE+6.80	4	DER14	-0.012	0.044	0.015	3.35	0.034	OK	0.44
NE+3.45	4	DER14	-0.006	0.024	-0.016	3.45	0.035	OK	-0.45
NE+6.80	4	DER15	-0.014	-0.045	0.015	3.35	0.034	OK	0.46
NE+3.45	4	DER15	-0.007	-0.024	-0.015	3.45	0.035	OK	-0.44
NE+6.80	4	DER16	0.011	-0.046	0.015	3.35	0.034	OK	0.46
NE+3.45	4	DER16	0.006	-0.024	0.018	3.45	0.035	OK	0.51

0.511

NE+6.80	5	DER4	-0.042	0.012	0.014	3.35	0.034	OK	0.41
NE+3.45	5	DER4	-0.023	0.007	-0.016	3.45	0.035	OK	-0.48
NE+6.80	5	DER5	0.013	0.045	0.015	3.35	0.034	OK	0.45
NE+3.45	5	DER5	0.007	0.025	-0.015	3.45	0.035	OK	-0.42
NE+6.80	5	DER6	-0.012	0.045	0.015	3.35	0.034	OK	0.44
NE+3.45	5	DER6	-0.006	0.025	-0.018	3.45	0.035	OK	-0.51
NE+6.80	5	DER7	-0.014	-0.048	0.017	3.35	0.034	OK	0.50
NE+3.45	5	DER7	-0.007	-0.025	-0.016	3.45	0.035	OK	-0.46
NE+6.80	5	DER8	0.011	-0.048	0.016	3.35	0.034	OK	0.49
NE+3.45	5	DER8	0.006	-0.025	-0.012	3.45	0.035	OK	-0.36
NE+6.80	5	DER9	0.042	0.013	0.014	3.35	0.034	OK	0.41
NE+3.45	5	DER9	0.023	0.008	-0.014	3.45	0.035	OK	-0.40
NE+6.80	5	DER10	0.041	-0.015	0.014	3.35	0.034	OK	0.42
NE+3.45	5	DER10	0.022	-0.008	-0.015	3.45	0.035	OK	-0.43
NE+6.80	5	DER11	-0.042	-0.016	0.014	3.35	0.034	OK	0.43
NE+3.45	5	DER11	-0.023	-0.008	-0.013	3.45	0.035	OK	-0.39
NE+6.80	5	DER12	-0.042	0.012	0.014	3.35	0.034	OK	0.41
NE+3.45	5	DER12	-0.023	0.007	-0.017	3.45	0.035	OK	-0.48
NE+6.80	5	DER13	0.013	0.046	0.015	3.35	0.034	OK	0.45
NE+3.45	5	DER13	0.007	0.025	-0.015	3.45	0.035	OK	-0.43
NE+6.80	5	DER14	-0.012	0.045	0.015	3.35	0.034	OK	0.44
NE+3.45	5	DER14	-0.006	0.025	-0.017	3.45	0.035	OK	-0.50
NE+6.80	5	DER15	-0.014	-0.048	0.017	3.35	0.034	OK	0.50
NE+3.45	5	DER15	-0.007	-0.025	-0.016	3.45	0.035	OK	-0.46
NE+6.80	5	DER16	0.011	-0.048	0.016	3.35	0.034	OK	0.49
NE+3.45	5	DER16	0.006	-0.025	0.018	3.45	0.035	OK	0.52

0.525

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	6	DER1	0.042	0.014	0.014	3.35	0.034	OK	0.42
NE+3.45	6	DER1	0.023	0.008	-0.014	3.45	0.035	OK	-0.39
NE+6.80	6	DER2	0.041	-0.014	0.014	3.35	0.034	OK	0.42
NE+3.45	6	DER2	0.022	-0.007	-0.016	3.45	0.035	OK	-0.46
NE+6.80	6	DER3	-0.042	-0.019	0.015	3.35	0.034	OK	0.45
NE+3.45	6	DER3	-0.023	-0.009	-0.013	3.45	0.035	OK	-0.37
NE+6.80	6	DER4	-0.042	0.010	0.014	3.35	0.034	OK	0.41
NE+3.45	6	DER4	-0.023	0.006	-0.017	3.45	0.035	OK	-0.50
NE+6.80	6	DER5	0.013	0.046	0.016	3.35	0.034	OK	0.47
NE+3.45	6	DER5	0.007	0.024	-0.015	3.45	0.035	OK	-0.42
NE+6.80	6	DER6	-0.012	0.045	0.015	3.35	0.034	OK	0.45
NE+3.45	6	DER6	-0.006	0.024	-0.019	3.45	0.035	OK	-0.56
NE+6.80	6	DER7	-0.014	-0.050	0.018	3.35	0.034	OK	0.54
NE+3.45	6	DER7	-0.007	-0.025	-0.017	3.45	0.035	OK	-0.48
NE+6.80	6	DER8	0.011	-0.049	0.017	3.35	0.034	OK	0.52
NE+3.45	6	DER8	0.006	-0.025	-0.013	3.45	0.035	OK	-0.38
NE+6.80	6	DER9	0.042	0.015	0.014	3.35	0.034	OK	0.42
NE+3.45	6	DER9	0.023	0.008	-0.013	3.45	0.035	OK	-0.39
NE+6.80	6	DER10	0.041	-0.014	0.014	3.35	0.034	OK	0.42
NE+3.45	6	DER10	0.022	-0.007	-0.016	3.45	0.035	OK	-0.46
NE+6.80	6	DER11	-0.042	-0.018	0.015	3.35	0.034	OK	0.45
NE+3.45	6	DER11	-0.023	-0.009	-0.013	3.45	0.035	OK	-0.37
NE+6.80	6	DER12	-0.042	0.010	0.014	3.35	0.034	OK	0.40
NE+3.45	6	DER12	-0.023	0.006	-0.017	3.45	0.035	OK	-0.50
NE+6.80	6	DER13	0.013	0.046	0.016	3.35	0.034	OK	0.48
NE+3.45	6	DER13	0.007	0.024	-0.015	3.45	0.035	OK	-0.43
NE+6.80	6	DER14	-0.012	0.045	0.015	3.35	0.034	OK	0.46
NE+3.45	6	DER14	-0.006	0.024	-0.019	3.45	0.035	OK	-0.55
NE+6.80	6	DER15	-0.014	-0.050	0.018	3.35	0.034	OK	0.53
NE+3.45	6	DER15	-0.007	-0.025	-0.016	3.45	0.035	OK	-0.48
NE+6.80	6	DER16	0.011	-0.048	0.017	3.35	0.034	OK	0.51
NE+3.45	6	DER16	0.006	-0.024	0.018	3.45	0.035	OK	0.51

0.537

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	7	DER1	0.039	0.011	0.012	3.35	0.034	OK	0.36
NE+3.45	7	DER1	0.022	0.006	-0.013	3.45	0.035	OK	-0.38
NE+6.80	7	DER2	0.039	-0.015	0.013	3.35	0.034	OK	0.38
NE+3.45	7	DER2	0.022	-0.008	-0.012	3.45	0.035	OK	-0.34
NE+6.80	7	DER3	-0.039	-0.011	0.012	3.35	0.034	OK	0.36
NE+3.45	7	DER3	-0.022	-0.006	-0.013	3.45	0.035	OK	-0.37
NE+6.80	7	DER4	-0.039	0.014	0.013	3.35	0.034	OK	0.38
NE+3.45	7	DER4	-0.022	0.008	-0.014	3.45	0.035	OK	-0.40
NE+6.80	7	DER5	0.012	0.042	0.014	3.35	0.034	OK	0.43
NE+3.45	7	DER5	0.007	0.022	-0.015	3.45	0.035	OK	-0.44
NE+6.80	7	DER6	-0.012	0.043	0.015	3.35	0.034	OK	0.44
NE+3.45	7	DER6	-0.007	0.023	-0.014	3.45	0.035	OK	-0.42
NE+6.80	7	DER7	-0.012	-0.043	0.015	3.35	0.034	OK	0.44
NE+3.45	7	DER7	-0.007	-0.022	-0.016	3.45	0.035	OK	-0.45
NE+6.80	7	DER8	0.012	-0.044	0.015	3.35	0.034	OK	0.45
NE+3.45	7	DER8	0.007	-0.023	-0.012	3.45	0.035	OK	-0.34
NE+6.80	7	DER9	0.039	0.011	0.012	3.35	0.034	OK	0.36
NE+3.45	7	DER9	0.022	0.006	-0.013	3.45	0.035	OK	-0.38
NE+6.80	7	DER10	0.039	-0.015	0.013	3.35	0.034	OK	0.38
NE+3.45	7	DER10	0.022	-0.008	-0.012	3.45	0.035	OK	-0.34
NE+6.80	7	DER11	-0.039	-0.011	0.012	3.35	0.034	OK	0.36
NE+3.45	7	DER11	-0.022	-0.006	-0.013	3.45	0.035	OK	-0.37
NE+6.80	7	DER12	-0.039	0.015	0.013	3.35	0.034	OK	0.38
NE+3.45	7	DER12	-0.022	0.008	-0.014	3.45	0.035	OK	-0.41
NE+6.80	7	DER13	0.012	0.042	0.014	3.35	0.034	OK	0.43
NE+3.45	7	DER13	0.007	0.022	-0.015	3.45	0.035	OK	-0.44
NE+6.80	7	DER14	-0.012	0.043	0.015	3.35	0.034	OK	0.44
NE+3.45	7	DER14	-0.007	0.023	-0.014	3.45	0.035	OK	-0.42
NE+6.80	7	DER15	-0.012	-0.043	0.015	3.35	0.034	OK	0.44
NE+3.45	7	DER15	-0.007	-0.022	-0.015	3.45	0.035	OK	-0.45
NE+6.80	7	DER16	0.012	-0.044	0.015	3.35	0.034	OK	0.45
NE+3.45	7	DER16	0.007	-0.023	0.017	3.45	0.035	OK	0.48

0.480

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	8	DER1	0.039	0.012	0.012	3.35	0.034	OK	0.36
NE+3.45	8	DER1	0.022	0.007	-0.013	3.45	0.035	OK	-0.37
NE+6.80	8	DER2	0.039	-0.015	0.013	3.35	0.034	OK	0.38
NE+3.45	8	DER2	0.022	-0.008	-0.012	3.45	0.035	OK	-0.36
NE+6.80	8	DER3	-0.039	-0.014	0.012	3.35	0.034	OK	0.37
NE+3.45	8	DER3	-0.022	-0.007	-0.012	3.45	0.035	OK	-0.36
NE+6.80	8	DER4	-0.039	0.013	0.012	3.35	0.034	OK	0.37
NE+3.45	8	DER4	-0.022	0.007	-0.015	3.45	0.035	OK	-0.44
NE+6.80	8	DER5	0.012	0.044	0.014	3.35	0.034	OK	0.43
NE+3.45	8	DER5	0.007	0.024	-0.015	3.45	0.035	OK	-0.43
NE+6.80	8	DER6	-0.012	0.044	0.015	3.35	0.034	OK	0.44
NE+3.45	8	DER6	-0.007	0.024	-0.015	3.45	0.035	OK	-0.45
NE+6.80	8	DER7	-0.012	-0.045	0.015	3.35	0.034	OK	0.45
NE+3.45	8	DER7	-0.007	-0.024	-0.015	3.45	0.035	OK	-0.45
NE+6.80	8	DER8	0.012	-0.046	0.015	3.35	0.034	OK	0.46
NE+3.45	8	DER8	0.007	-0.025	-0.011	3.45	0.035	OK	-0.31
NE+6.80	8	DER9	0.039	0.012	0.012	3.35	0.034	OK	0.36
NE+3.45	8	DER9	0.022	0.007	-0.013	3.45	0.035	OK	-0.37
NE+6.80	8	DER10	0.039	-0.015	0.013	3.35	0.034	OK	0.38
NE+3.45	8	DER10	0.022	-0.008	-0.012	3.45	0.035	OK	-0.35
NE+6.80	8	DER11	-0.039	-0.013	0.012	3.35	0.034	OK	0.37
NE+3.45	8	DER11	-0.022	-0.007	-0.012	3.45	0.035	OK	-0.36
NE+6.80	8	DER12	-0.039	0.014	0.012	3.35	0.034	OK	0.37
NE+3.45	8	DER12	-0.022	0.007	-0.015	3.45	0.035	OK	-0.44
NE+6.80	8	DER13	0.012	0.044	0.014	3.35	0.034	OK	0.43
NE+3.45	8	DER13	0.007	0.024	-0.015	3.45	0.035	OK	-0.43
NE+6.80	8	DER14	-0.012	0.044	0.015	3.35	0.034	OK	0.44
NE+3.45	8	DER14	-0.007	0.024	-0.015	3.45	0.035	OK	-0.44
NE+6.80	8	DER15	-0.012	-0.045	0.015	3.35	0.034	OK	0.45
NE+3.45	8	DER15	-0.007	-0.024	-0.015	3.45	0.035	OK	-0.45
NE+6.80	8	DER16	0.012	-0.046	0.015	3.35	0.034	OK	0.46
NE+3.45	8	DER16	0.007	-0.024	0.018	3.45	0.035	OK	0.51

0.513

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	9	DER1	0.039	0.013	0.012	3.35	0.034	OK	0.37
NE+3.45	9	DER1	0.022	0.007	-0.013	3.45	0.035	OK	-0.37
NE+6.80	9	DER2	0.039	-0.015	0.013	3.35	0.034	OK	0.38
NE+3.45	9	DER2	0.022	-0.008	-0.013	3.45	0.035	OK	-0.38
NE+6.80	9	DER3	-0.039	-0.016	0.013	3.35	0.034	OK	0.38
NE+3.45	9	DER3	-0.022	-0.008	-0.012	3.45	0.035	OK	-0.34
NE+6.80	9	DER4	-0.039	0.012	0.012	3.35	0.034	OK	0.36
NE+3.45	9	DER4	-0.022	0.007	-0.016	3.45	0.035	OK	-0.47
NE+6.80	9	DER5	0.012	0.045	0.015	3.35	0.034	OK	0.44
NE+3.45	9	DER5	0.007	0.025	-0.015	3.45	0.035	OK	-0.42
NE+6.80	9	DER6	-0.012	0.045	0.015	3.35	0.034	OK	0.44
NE+3.45	9	DER6	-0.007	0.025	-0.017	3.45	0.035	OK	-0.49
NE+6.80	9	DER7	-0.012	-0.048	0.016	3.35	0.034	OK	0.49
NE+3.45	9	DER7	-0.007	-0.025	-0.016	3.45	0.035	OK	-0.47
NE+6.80	9	DER8	0.012	-0.048	0.016	3.35	0.034	OK	0.49
NE+3.45	9	DER8	0.007	-0.025	-0.011	3.45	0.035	OK	-0.31
NE+6.80	9	DER9	0.039	0.013	0.012	3.35	0.034	OK	0.37
NE+3.45	9	DER9	0.022	0.007	-0.013	3.45	0.035	OK	-0.37
NE+6.80	9	DER10	0.039	-0.015	0.013	3.35	0.034	OK	0.38
NE+3.45	9	DER10	0.022	-0.008	-0.013	3.45	0.035	OK	-0.37
NE+6.80	9	DER11	-0.039	-0.016	0.013	3.35	0.034	OK	0.38
NE+3.45	9	DER11	-0.022	-0.008	-0.012	3.45	0.035	OK	-0.35
NE+6.80	9	DER12	-0.039	0.012	0.012	3.35	0.034	OK	0.36
NE+3.45	9	DER12	-0.022	0.007	-0.016	3.45	0.035	OK	-0.48
NE+6.80	9	DER13	0.012	0.046	0.015	3.35	0.034	OK	0.44
NE+3.45	9	DER13	0.007	0.025	-0.015	3.45	0.035	OK	-0.43
NE+6.80	9	DER14	-0.012	0.045	0.015	3.35	0.034	OK	0.44
NE+3.45	9	DER14	-0.007	0.025	-0.017	3.45	0.035	OK	-0.49
NE+6.80	9	DER15	-0.012	-0.048	0.016	3.35	0.034	OK	0.49
NE+3.45	9	DER15	-0.007	-0.025	-0.016	3.45	0.035	OK	-0.47
NE+6.80	9	DER16	0.012	-0.048	0.016	3.35	0.034	OK	0.49
NE+3.45	9	DER16	0.007	-0.025	0.018	3.45	0.035	OK	0.53

0.527

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	10	DER1	0.039	0.014	0.012	3.35	0.034	OK	0.37
NE+3.45	10	DER1	0.022	0.008	-0.012	3.45	0.035	OK	-0.36
NE+6.80	10	DER2	0.039	-0.014	0.013	3.35	0.034	OK	0.38
NE+3.45	10	DER2	0.022	-0.007	-0.014	3.45	0.035	OK	-0.40
NE+6.80	10	DER3	-0.039	-0.019	0.013	3.35	0.034	OK	0.40
NE+3.45	10	DER3	-0.022	-0.009	-0.011	3.45	0.035	OK	-0.33
NE+6.80	10	DER4	-0.039	0.010	0.012	3.35	0.034	OK	0.36
NE+3.45	10	DER4	-0.022	0.006	-0.017	3.45	0.035	OK	-0.49
NE+6.80	10	DER5	0.012	0.046	0.016	3.35	0.034	OK	0.47
NE+3.45	10	DER5	0.007	0.024	-0.015	3.45	0.035	OK	-0.42
NE+6.80	10	DER6	-0.012	0.045	0.015	3.35	0.034	OK	0.45
NE+3.45	10	DER6	-0.007	0.024	-0.019	3.45	0.035	OK	-0.55
NE+6.80	10	DER7	-0.012	-0.050	0.018	3.35	0.034	OK	0.53
NE+3.45	10	DER7	-0.007	-0.025	-0.017	3.45	0.035	OK	-0.49
NE+6.80	10	DER8	0.012	-0.049	0.017	3.35	0.034	OK	0.51
NE+3.45	10	DER8	0.007	-0.025	-0.011	3.45	0.035	OK	-0.33
NE+6.80	10	DER9	0.039	0.015	0.013	3.35	0.034	OK	0.37
NE+3.45	10	DER9	0.022	0.008	-0.012	3.45	0.035	OK	-0.35
NE+6.80	10	DER10	0.039	-0.014	0.013	3.35	0.034	OK	0.37
NE+3.45	10	DER10	0.022	-0.007	-0.014	3.45	0.035	OK	-0.40
NE+6.80	10	DER11	-0.039	-0.018	0.013	3.35	0.034	OK	0.40
NE+3.45	10	DER11	-0.022	-0.009	-0.011	3.45	0.035	OK	-0.33
NE+6.80	10	DER12	-0.039	0.010	0.012	3.35	0.034	OK	0.36
NE+3.45	10	DER12	-0.022	0.006	-0.017	3.45	0.035	OK	-0.50
NE+6.80	10	DER13	0.012	0.046	0.016	3.35	0.034	OK	0.47
NE+3.45	10	DER13	0.007	0.024	-0.015	3.45	0.035	OK	-0.43
NE+6.80	10	DER14	-0.012	0.045	0.015	3.35	0.034	OK	0.45
NE+3.45	10	DER14	-0.007	0.024	-0.018	3.45	0.035	OK	-0.53
NE+6.80	10	DER15	-0.012	-0.050	0.018	3.35	0.034	OK	0.52
NE+3.45	10	DER15	-0.007	-0.025	-0.017	3.45	0.035	OK	-0.48
NE+6.80	10	DER16	0.012	-0.048	0.017	3.35	0.034	OK	0.51
NE+3.45	10	DER16	0.007	-0.024	0.018	3.45	0.035	OK	0.51

0.528

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	12	DER1	0.036	0.011	0.012	3.35	0.034	OK	0.35
NE+3.45	12	DER1	0.020	0.006	-0.013	3.45	0.035	OK	-0.39
NE+6.80	12	DER2	0.037	-0.015	0.013	3.35	0.034	OK	0.38
NE+3.45	12	DER2	0.020	-0.008	-0.011	3.45	0.035	OK	-0.31
NE+6.80	12	DER3	-0.036	-0.011	0.012	3.35	0.034	OK	0.35
NE+3.45	12	DER3	-0.020	-0.006	-0.013	3.45	0.035	OK	-0.37
NE+6.80	12	DER4	-0.036	0.014	0.012	3.35	0.034	OK	0.37
NE+3.45	12	DER4	-0.020	0.008	-0.015	3.45	0.035	OK	-0.44
NE+6.80	12	DER5	0.010	0.042	0.014	3.35	0.034	OK	0.43
NE+3.45	12	DER5	0.006	0.022	-0.015	3.45	0.035	OK	-0.45
NE+6.80	12	DER6	-0.012	0.043	0.015	3.35	0.034	OK	0.44
NE+3.45	12	DER6	-0.006	0.023	-0.014	3.45	0.035	OK	-0.41
NE+6.80	12	DER7	-0.010	-0.043	0.015	3.35	0.034	OK	0.44
NE+3.45	12	DER7	-0.005	-0.022	-0.016	3.45	0.035	OK	-0.46
NE+6.80	12	DER8	0.012	-0.044	0.015	3.35	0.034	OK	0.46
NE+3.45	12	DER8	0.007	-0.023	-0.010	3.45	0.035	OK	-0.29
NE+6.80	12	DER9	0.036	0.011	0.012	3.35	0.034	OK	0.35
NE+3.45	12	DER9	0.020	0.006	-0.013	3.45	0.035	OK	-0.39
NE+6.80	12	DER10	0.037	-0.015	0.013	3.35	0.034	OK	0.38
NE+3.45	12	DER10	0.020	-0.008	-0.011	3.45	0.035	OK	-0.32
NE+6.80	12	DER11	-0.036	-0.011	0.012	3.35	0.034	OK	0.35
NE+3.45	12	DER11	-0.020	-0.006	-0.013	3.45	0.035	OK	-0.37
NE+6.80	12	DER12	-0.036	0.015	0.012	3.35	0.034	OK	0.37
NE+3.45	12	DER12	-0.020	0.008	-0.015	3.45	0.035	OK	-0.44
NE+6.80	12	DER13	0.010	0.042	0.014	3.35	0.034	OK	0.43
NE+3.45	12	DER13	0.006	0.022	-0.015	3.45	0.035	OK	-0.45
NE+6.80	12	DER14	-0.012	0.043	0.015	3.35	0.034	OK	0.45
NE+3.45	12	DER14	-0.006	0.023	-0.014	3.45	0.035	OK	-0.41
NE+6.80	12	DER15	-0.010	-0.043	0.015	3.35	0.034	OK	0.44
NE+3.45	12	DER15	-0.005	-0.022	-0.016	3.45	0.035	OK	-0.46
NE+6.80	12	DER16	0.012	-0.044	0.015	3.35	0.034	OK	0.45
NE+3.45	12	DER16	0.007	-0.023	0.017	3.45	0.035	OK	0.48

0.480

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	13	DER1	0.036	0.012	0.012	3.35	0.034	OK	0.36
NE+3.45	13	DER1	0.020	0.007	-0.013	3.45	0.035	OK	-0.38
NE+6.80	13	DER2	0.037	-0.015	0.013	3.35	0.034	OK	0.38
NE+3.45	13	DER2	0.020	-0.008	-0.011	3.45	0.035	OK	-0.33
NE+6.80	13	DER3	-0.036	-0.014	0.012	3.35	0.034	OK	0.36
NE+3.45	13	DER3	-0.020	-0.007	-0.012	3.45	0.035	OK	-0.36

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	14	DER1	0.036	0.013	0.012	3.35	0.034	OK	0.36
NE+3.45	14	DER1	0.020	0.007	-0.013	3.45	0.035	OK	-0.38
NE+6.80	14	DER2	0.037	-0.015	0.013	3.35	0.034	OK	0.38
NE+3.45	14	DER2	0.020	-0.008	-0.012	3.45	0.035	OK	-0.35
NE+6.80	14	DER3	-0.036	-0.016	0.012	3.35	0.034	OK	0.37
NE+3.45	14	DER3	-0.020	-0.008	-0.012	3.45	0.035	OK	-0.34

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	15	DER1	0.036	0.014	0.012	3.35	0.034	OK	0.36
NE+3.45	15	DER1	0.020	0.008	-0.013	3.45	0.035	OK	-0.36
NE+6.80	15	DER2	0.037	-0.014	0.013	3.35	0.034	OK	0.38
NE+3.45	15	DER2	0.020	-0.007	-0.013	3.45	0.035	OK	-0.38
NE+6.80	15	DER3	-0.036	-0.019	0.013	3.35	0.034	OK	0.39
NE+3.45	15	DER3	-0.020	-0.009	-0.011	3.45	0.035	OK	-0.32

NE+6.80	13	DER4	-0.036	0.013	0.012	3.35	0.034	OK	0.36
NE+3.45	13	DER4	-0.020	0.007	-0.017	3.45	0.035	OK	-0.48
NE+6.80	13	DER5	0.010	0.044	0.014	3.35	0.034	OK	0.43
NE+3.45	13	DER5	0.006	0.024	-0.015	3.45	0.035	OK	-0.43
NE+6.80	13	DER6	-0.012	0.044	0.015	3.35	0.034	OK	0.44
NE+3.45	13	DER6	-0.006	0.024	-0.015	3.45	0.035	OK	-0.44
NE+6.80	13	DER7	-0.010	-0.045	0.015	3.35	0.034	OK	0.45
NE+3.45	13	DER7	-0.005	-0.024	-0.016	3.45	0.035	OK	-0.46
NE+6.80	13	DER8	0.012	-0.046	0.015	3.35	0.034	OK	0.46
NE+3.45	13	DER8	0.007	-0.025	-0.009	3.45	0.035	OK	-0.26
NE+6.80	13	DER9	0.036	0.012	0.012	3.35	0.034	OK	0.35
NE+3.45	13	DER9	0.020	0.007	-0.013	3.45	0.035	OK	-0.38
NE+6.80	13	DER10	0.037	-0.015	0.013	3.35	0.034	OK	0.37
NE+3.45	13	DER10	0.020	-0.008	-0.011	3.45	0.035	OK	-0.33
NE+6.80	13	DER11	-0.036	-0.013	0.012	3.35	0.034	OK	0.35
NE+3.45	13	DER11	-0.020	-0.007	-0.012	3.45	0.035	OK	-0.36
NE+6.80	13	DER12	-0.036	0.014	0.012	3.35	0.034	OK	0.36
NE+3.45	13	DER12	-0.020	0.007	-0.017	3.45	0.035	OK	-0.48
NE+6.80	13	DER13	0.010	0.044	0.014	3.35	0.034	OK	0.43
NE+3.45	13	DER13	0.006	0.024	-0.015	3.45	0.035	OK	-0.44
NE+6.80	13	DER14	-0.012	0.044	0.015	3.35	0.034	OK	0.44
NE+3.45	13	DER14	-0.006	0.024	-0.015	3.45	0.035	OK	-0.43
NE+6.80	13	DER15	-0.010	-0.045	0.015	3.35	0.034	OK	0.45
NE+3.45	13	DER15	-0.005	-0.024	-0.016	3.45	0.035	OK	-0.46
NE+6.80	13	DER16	0.012	-0.046	0.015	3.35	0.034	OK	0.46
NE+3.45	13	DER16	0.007	-0.024	0.018	3.45	0.035	OK	0.51

0.513

NE+6.80	14	DER4	-0.036	0.012	0.012	3.35	0.034	OK	0.35
NE+3.45	14	DER4	-0.020	0.007	-0.018	3.45	0.035	OK	-0.51
NE+6.80	14	DER5	0.010	0.045	0.015	3.35	0.034	OK	0.44
NE+3.45	14	DER5	0.006	0.025	-0.015	3.45	0.035	OK	-0.43
NE+6.80	14	DER6	-0.012	0.045	0.015	3.35	0.034	OK	0.44
NE+3.45	14	DER6	-0.006	0.025	-0.017	3.45	0.035	OK	-0.49
NE+6.80	14	DER7	-0.010	-0.048	0.016	3.35	0.034	OK	0.49
NE+3.45	14	DER7	-0.005	-0.025	-0.017	3.45	0.035	OK	-0.48
NE+6.80	14	DER8	0.012	-0.048	0.016	3.35	0.034	OK	0.49
NE+3.45	14	DER8	0.007	-0.025	-0.009	3.45	0.035	OK	-0.25
NE+6.80	14	DER9	0.036	0.013	0.012	3.35	0.034	OK	0.36
NE+3.45	14	DER9	0.020	0.007	-0.013	3.45	0.035	OK	-0.37
NE+6.80	14	DER10	0.037	-0.015	0.013	3.35	0.034	OK	0.38
NE+3.45	14	DER10	0.020	-0.008	-0.012	3.45	0.035	OK	-0.35
NE+6.80	14	DER11	-0.036	-0.016	0.012	3.35	0.034	OK	0.37
NE+3.45	14	DER11	-0.020	-0.008	-0.012	3.45	0.035	OK	-0.34
NE+6.80	14	DER12	-0.036	0.012	0.012	3.35	0.034	OK	0.35
NE+3.45	14	DER12	-0.020	0.007	-0.018	3.45	0.035	OK	-0.51
NE+6.80	14	DER13	0.010	0.046	0.015	3.35	0.034	OK	0.44
NE+3.45	14	DER13	0.006	0.025	-0.015	3.45	0.035	OK	-0.43
NE+6.80	14	DER14	-0.012	0.045	0.015	3.35	0.034	OK	0.44
NE+3.45	14	DER14	-0.006	0.025	-0.017	3.45	0.035	OK	-0.48
NE+6.80	14	DER15	-0.010	-0.048	0.016	3.35	0.034	OK	0.49
NE+3.45	14	DER15	-0.005	-0.025	-0.016	3.45	0.035	OK	-0.48
NE+6.80	14	DER16	0.012	-0.048	0.016	3.35	0.034	OK	0.49
NE+3.45	14	DER16	0.007	-0.025	0.018	3.45	0.035	OK	0.53

0.527

NE+6.80	15	DER4	-0.036	0.010	0.012	3.35	0.034	OK	0.35
NE+3.45	15	DER4	-0.020	0.006	-0.018	3.45	0.035	OK	-0.53
NE+6.80	15	DER5	0.010	0.046	0.016	3.35	0.034	OK	0.46
NE+3.45	15	DER5	0.006	0.024	-0.015	3.45	0.035	OK	-0.43
NE+6.80	15	DER6	-0.012	0.045	0.015	3.35	0.034	OK	0.45
NE+3.45	15	DER6	-0.006	0.024	-0.019	3.45	0.035	OK	-0.54
NE+6.80	15	DER7	-0.010	-0.050	0.018	3.35	0.034	OK	0.52
NE+3.45	15	DER7	-0.005	-0.025	-0.017	3.45	0.035	OK	-0.50
NE+6.80	15	DER8	0.012	-0.049	0.017	3.35	0.034	OK	0.52
NE+3.45	15	DER8	0.007	-0.025	-0.010	3.45	0.035	OK	-0.28
NE+6.80	15	DER9	0.036	0.015	0.012	3.35	0.034	OK	0.36
NE+3.45	15	DER9	0.020	0.008	-0.012	3.45	0.035	OK	-0.36
NE+6.80	15	DER10	0.037	-0.014	0.012	3.35	0.034	OK	0.37
NE+3.45	15	DER10	0.020	-0.007	-0.013	3.45	0.035	OK	-0.38
NE+6.80	15	DER11	-0.036	-0.018	0.013	3.35	0.034	OK	0.38
NE+3.45	15	DER11	-0.020	-0.009	-0.011	3.45	0.035	OK	-0.32
NE+6.80	15	DER12	-0.036	0.010	0.012	3.35	0.034	OK	0.35
NE+3.45	15	DER12	-0.020	0.006	-0.019	3.45	0.035	OK	-0.54
NE+6.80	15	DER13	0.010	0.046	0.016	3.35	0.034	OK	0.47
NE+3.45	15	DER13	0.006	0.024	-0.015	3.45	0.035	OK	-0.43
NE+6.80	15	DER14	-0.012	0.045	0.015	3.35	0.034	OK	0.46
NE+3.45	15	DER14	-0.006	0.024	-0.018	3.45	0.035	OK	-0.53
NE+6.80	15	DER15	-0.010	-0.050	0.017	3.35	0.034	OK	0.52
NE+3.45	15	DER15	-0.005	-0.025	-0.017	3.45	0.035	OK	-0.49
NE+6.80	15	DER16	0.012	-0.048	0.017	3.35	0.034	OK	0.51
NE+3.45	15	DER16	0.007	-0.024	0.018	3.45	0.035	OK	0.51

0.525

2.3.1 DESPLAZAMIENTOS NUDOS

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+6.80	3	DER1	0.0414	0.0106	0.0000	-0.0014	0.0038	0.0004
NE+6.80	3	DER2	0.0408	-0.0151	-0.0001	0.0012	0.0037	0.0002
NE+6.80	3	DER3	-0.0421	-0.0113	-0.0004	0.0008	-0.0037	-0.0006
NE+6.80	3	DER4	-0.0415	0.0145	-0.0003	-0.0018	-0.0037	-0.0004
NE+6.80	3	DER5	0.0131	0.0419	0.0000	-0.0045	0.0012	0.0004
NE+6.80	3	DER6	-0.0118	0.0431	-0.0001	-0.0047	-0.0010	0.0002
NE+6.80	3	DER7	-0.0138	-0.0426	-0.0004	0.0040	-0.0012	-0.0006
NE+6.80	3	DER8	0.0111	-0.0438	-0.0003	0.0041	0.0010	-0.0004
NE+6.80	3	DER9	0.0415	0.0107	0.0000	-0.0013	0.0038	0.0005
NE+6.80	3	DER10	0.0409	-0.0151	0.0000	0.0013	0.0038	0.0002
NE+6.80	3	DER11	-0.0420	-0.0112	-0.0004	0.0008	-0.0037	-0.0006
NE+6.80	3	DER12	-0.0414	0.0145	-0.0003	-0.0018	-0.0037	-0.0004
NE+6.80	3	DER13	0.0132	0.0420	0.0000	-0.0045	0.0013	0.0005
NE+6.80	3	DER14	-0.0117	0.0432	-0.0001	-0.0046	-0.0010	0.0002
NE+6.80	3	DER15	-0.0137	-0.0426	-0.0003	0.0040	-0.0012	-0.0006
NE+6.80	3	DER16	0.0112	-0.0437	-0.0002	0.0041	0.0011	-0.0004
NE+6.80	4	DER1	0.0414	0.0118	-0.0002	-0.0013	0.0029	0.0003
NE+6.80	4	DER2	0.0408	-0.0151	-0.0003	0.0013	0.0029	0.0000
NE+6.80	4	DER3	-0.0421	-0.0135	-0.0003	0.0011	-0.0029	-0.0006
NE+6.80	4	DER4	-0.0415	0.0134	-0.0002	-0.0015	-0.0029	-0.0003
NE+6.80	4	DER5	0.0131	0.0437	-0.0001	-0.0044	0.0009	0.0004
NE+6.80	4	DER6	-0.0118	0.0442	-0.0001	-0.0044	-0.0008	0.0002
NE+6.80	4	DER7	-0.0138	-0.0454	-0.0004	0.0041	-0.0009	-0.0008
NE+6.80	4	DER8	0.0111	-0.0459	-0.0004	0.0042	0.0008	-0.0006
NE+6.80	4	DER9	0.0415	0.0120	-0.0002	-0.0012	0.0029	0.0003
NE+6.80	4	DER10	0.0409	-0.0149	-0.0003	0.0013	0.0029	0.0000
NE+6.80	4	DER11	-0.0420	-0.0133	-0.0002	0.0011	-0.0029	-0.0006
NE+6.80	4	DER12	-0.0414	0.0136	-0.0002	-0.0014	-0.0029	-0.0003
NE+6.80	4	DER13	0.0132	0.0439	-0.0001	-0.0043	0.0009	0.0005
NE+6.80	4	DER14	-0.0117	0.0444	-0.0001	-0.0043	-0.0008	0.0003
NE+6.80	4	DER15	-0.0137	-0.0452	-0.0003	0.0042	-0.0009	-0.0007
NE+6.80	4	DER16	0.0112	-0.0457	-0.0004	0.0043	0.0008	-0.0005
NE+6.80	5	DER1	0.0414	0.0128	-0.0003	-0.0005	0.0028	0.0007
NE+6.80	5	DER2	0.0408	-0.0152	-0.0004	0.0022	0.0028	0.0006
NE+6.80	5	DER3	-0.0421	-0.0160	-0.0004	0.0024	-0.0029	-0.0010
NE+6.80	5	DER4	-0.0416	0.0120	-0.0004	-0.0003	-0.0029	-0.0009
NE+6.80	5	DER5	0.0131	0.0452	-0.0002	-0.0036	0.0009	0.0004
NE+6.80	5	DER6	-0.0118	0.0449	-0.0002	-0.0035	-0.0008	-0.0001
NE+6.80	5	DER7	-0.0138	-0.0484	-0.0005	0.0055	-0.0010	-0.0007
NE+6.80	5	DER8	0.0111	-0.0481	-0.0005	0.0054	0.0007	-0.0002
NE+6.80	5	DER9	0.0415	0.0131	-0.0002	-0.0004	0.0029	0.0008
NE+6.80	5	DER10	0.0409	-0.0149	-0.0003	0.0023	0.0028	0.0006
NE+6.80	5	DER11	-0.0421	-0.0157	-0.0004	0.0025	-0.0029	-0.0010
NE+6.80	5	DER12	-0.0415	0.0123	-0.0003	-0.0002	-0.0029	-0.0008
NE+6.80	5	DER13	0.0132	0.0455	-0.0002	-0.0035	0.0009	0.0004
NE+6.80	5	DER14	-0.0117	0.0452	-0.0002	-0.0035	-0.0008	-0.0001
NE+6.80	5	DER15	-0.0137	-0.0481	-0.0005	0.0056	-0.0009	-0.0006
NE+6.80	5	DER16	0.0112	-0.0478	-0.0004	0.0055	0.0008	-0.0002
NE+6.80	6	DER1	0.0415	0.0144	-0.0004	-0.0007	0.0036	0.0009
NE+6.80	6	DER2	0.0409	-0.0140	-0.0005	0.0022	0.0036	0.0008
NE+6.80	6	DER3	-0.0422	-0.0186	-0.0002	0.0026	-0.0038	-0.0011
NE+6.80	6	DER4	-0.0416	0.0098	-0.0001	-0.0003	-0.0037	-0.0010
NE+6.80	6	DER5	0.0131	0.0459	-0.0002	-0.0040	0.0011	0.0004
NE+6.80	6	DER6	-0.0118	0.0445	-0.0001	-0.0038	-0.0011	-0.0002
NE+6.80	6	DER7	-0.0138	-0.0501	-0.0004	0.0059	-0.0013	-0.0006
NE+6.80	6	DER8	0.0111	-0.0487	-0.0005	0.0057	0.0009	0.0000
NE+6.80	6	DER9	0.0415	0.0148	-0.0004	-0.0007	0.0036	0.0009
NE+6.80	6	DER10	0.0410	-0.0135	-0.0005	0.0022	0.0035	0.0008
NE+6.80	6	DER11	-0.0421	-0.0182	-0.0001	0.0026	-0.0038	-0.0011
NE+6.80	6	DER12	-0.0415	0.0102	0.0000	-0.0003	-0.0038	-0.0010
NE+6.80	6	DER13	0.0132	0.0463	-0.0002	-0.0039	0.0011	0.0004
NE+6.80	6	DER14	-0.0118	0.0449	-0.0001	-0.0038	-0.0011	-0.0002
NE+6.80	6	DER15	-0.0137	-0.0497	-0.0003	0.0059	-0.0013	-0.0006
NE+6.80	6	DER16	0.0112	-0.0483	-0.0004	0.0058	0.0009	0.0000
NE+6.80	7	DER1	0.0390	0.0106	-0.0001	-0.0009	0.0031	0.0005
NE+6.80	7	DER2	0.0390	-0.0151	-0.0001	0.0012	0.0031	0.0003
NE+6.80	7	DER3	-0.0390	-0.0113	-0.0004	0.0009	-0.0033	-0.0007
NE+6.80	7	DER4	-0.0390	0.0144	-0.0004	-0.0012	-0.0033	-0.0005
NE+6.80	7	DER5	0.0117	0.0419	-0.0002	-0.0034	0.0008	0.0004
NE+6.80	7	DER6	-0.0117	0.0431	-0.0003	-0.0035	-0.0011	0.0001
NE+6.80	7	DER7	-0.0117	-0.0426	-0.0003	0.0034	-0.0011	-0.0006
NE+6.80	7	DER8	0.0117	-0.0438	-0.0002	0.0035	0.0008	-0.0003
NE+6.80	7	DER9	0.0390	0.0106	-0.0001	-0.0009	0.0031	0.0005
NE+6.80	7	DER10	0.0390	-0.0151	-0.0001	0.0012	0.0031	0.0003
NE+6.80	7	DER11	-0.0390	-0.0112	-0.0004	0.0009	-0.0033	-0.0007
NE+6.80	7	DER12	-0.0390	0.0145	-0.0004	-0.0012	-0.0033	-0.0005
NE+6.80	7	DER13	0.0117	0.0420	-0.0002	-0.0034	0.0009	0.0004
NE+6.80	7	DER14	-0.0117	0.0431	-0.0003	-0.0035	-0.0011	0.0001
NE+6.80	7	DER15	-0.0117	-0.0426	-0.0003	0.0034	-0.0011	-0.0006
NE+6.80	7	DER16	0.0117	-0.0437	-0.0002	0.0035	0.0009	-0.0002

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+6.80	12	DER1	0.0362	0.0106	-0.0001	-0.0007	0.0032	0.0005
NE+6.80	12	DER2	0.0368	-0.0152	0.0000	0.0019	0.0033	0.0003
NE+6.80	12	DER3	-0.0355	-0.0113	-0.0003	0.0015	-0.0030	-0.0007
NE+6.80	12	DER4	-0.0361	0.0144	-0.0004	-0.0011	-0.0031	-0.0005
NE+6.80	12	DER5	0.0102	0.0419	-0.0003	-0.0039	0.0010	0.0005
NE+6.80	12	DER6	-0.0115	0.0431	-0.0003	-0.0040	-0.0009	0.0002
NE+6.80	12	DER7	-0.0095	-0.0426	-0.0001	0.0047	-0.0008	-0.0006
NE+6.80	12	DER8	0.0122	-0.0438	0.0000	0.0048	0.0011	-0.0004
NE+6.80	12	DER9	0.0362	0.0106	0.0000	-0.0007	0.0033	0.0005
NE+6.80	12	DER10	0.0368	-0.0151	0.0000	0.0019	0.0033	0.0003
NE+6.80	12	DER11	-0.0356	-0.0112	-0.0003	0.0015	-0.0030	-0.0007
NE+6.80	12	DER12	-0.0362	0.0145	-0.0003	-0.0012	-0.0031	-0.0004
NE+6.80	12	DER13	0.0101	0.0420	-0.0002	-0.0039	0.0010	0.0005
NE+6.80	12	DER14	-0.0116	0.0432	-0.0003	-0.0041	-0.0009	0.0002
NE+6.80	12	DER15	-0.0096	-0.0426	-0.0001	0.0047	-0.0007	-0.0006
NE+6.80	12	DER16	0.0121	-0.0437	0.0000	0.0048	0.0012	-0.0003
NE+6.80	13	DER1	0.0362	0.0118	-0.0003	-0.0008	0.0025	0.0004
NE+6.80	13	DER2	0.0368	-0.0151	-0.0002	0.0018	0.0025	0.0001
NE+6.80	13	DER3	-0.0355	-0.0135	-0.0002	0.0016	-0.0024	-0.0007
NE+6.80	13	DER4	-0.0361	0.0134	-0.0003	-0.0010	-0.0024	-0.0004
NE+6.80	13	DER5	0.0102	0.0437	-0.0004	-0.0039	0.0007	0.0005
NE+6.80	13	DER6	-0.0115	0.0442	-0.0004	-0.0039	-0.0008	0.0002
NE+6.80	13	DER7	-0.0095	-0.0454	-0.0001	0.0047	-0.0006	-0.0008
NE+6.80	13	DER8	0.0122	-0.0459	-0.0001	0.0047	0.0009	-0.0005
NE+6.80	13	DER9	0.0361	0.0120	-0.0003	-0.0009	0.0025	0.0004
NE+6.80	13	DER10	0.0367	-0.0149	-0.0002	0.0017	0.0025	0.0001
NE+6.80	13	DER11	-0.0356	-0.0133	-0.0002	0.0015	-0.0024	-0.0007
NE+6.80	13	DER12	-0.0362	0.0136	-0.0002	-0.0011	-0.0025	-0.0004
NE+6.80	13	DER13	0.0101	0.0439	-0.0004	-0.0040	0.0007	0.0005
NE+6.80	13	DER14	-0.0116	0.0444	-0.0003	-0.0040	-0.0008	0.0002
NE+6.80	13	DER15	-0.0096	-0.0452	-0.0001	0.0046	-0.0006	-0.0007
NE+6.80	13	DER16	0.0121	-0.0457	-0.0001	0.0046	0.0008	-0.0005
NE+6.80	14	DER1	0.0362	0.0128	-0.0003	-0.0008	0.0024	0.0004
NE+6.80	14	DER2	0.0368	-0.0152	-0.0002	0.0019	0.0025	0.0003
NE+6.80	14	DER3	-0.0355	-0.0160	-0.0002	0.0020	-0.0024	-0.0007
NE+6.80	14	DER4	-0.0361	0.0120	-0.0003	-0.0007	-0.0025	-0.0006
NE+6.80	14	DER5	0.0102	0.0452	-0.0004	-0.0039	0.0007	0.0003
NE+6.80	14	DER6	-0.0115	0.0449	-0.0004	-0.0039	-0.0008	0.0000
NE+6.80	14	DER7	-0.0095	-0.0484	-0.0001	0.0051	-0.0007	-0.0006
NE+6.80	14	DER8	0.0122	-0.0481	-0.0001	0.0051	0.0008	-0.0003
NE+6.80	14	DER9	0.0361	0.0131	-0.0002	-0.0010	0.0024	0.0005
NE+6.80	14	DER10	0.0367	-0.0149	-0.0002	0.0018	0.0025	0.0003
NE+6.80	14	DER11	-0.0356	-0.0157	-0.0002	0.0019	-0.0024	-0.0007
NE+6.80	14	DER12	-0.0362	0.0123	-0.0003	-0.0009	-0.0025	-0.0005
NE+6.80	14	DER13	0.0101	0.0455	-0.0003	-0.0041	0.0007	0.0003
NE+6.80	14	DER14	-0.0116	0.0452	-0.0004	-0.0041	-0.0008	0.0000
NE+6.80	14	DER15	-0.0096	-0.0481	-0.0001	0.0050	-0.0007	-0.0006
NE+6.80	14	DER16	0.0121	-0.0478	-0.0001	0.0050	0.0008	-0.0003
NE+6.80	15	DER1	0.0362	0.0144	-0.0004	-0.0010	0.0031	0.0006
NE+6.80	15	DER2	0.0368	-0.0140	-0.0003	0.0020	0.0032	0.0005
NE+6.80	15	DER3	-0.0355	-0.0186	0.0000	0.0025	-0.0031	-0.0008
NE+6.80	15	DER4	-0.0361	0.0098	-0.0001	-0.0004	-0.0032	-0.0007
NE+6.80	15	DER5	0.0102	0.0459	-0.0003	-0.0042	0.0008	0.0002
NE+6.80	15	DER6	-0.0115	0.0445	-0.0003	-0.0040	-0.0011	-0.0001
NE+6.80	15	DER7	-0.0095	-0.0500	0.0000	0.0057	-0.0009	-0.0004
NE+6.80	15	DER8	0.0122	-0.0487	-0.0001	0.0056	0.0010	-0.0001
NE+6.80	15	DER9	0.0361	0.0148	-0.0003	-0.0011	0.0031	0.0006
NE+6.80	15	DER10	0.0367	-0.0135	-0.0003	0.0019	0.0031	0.0005
NE+6.80	15	DER11	-0.0356	-0.0182	0.0000	0.0024	-0.0032	-0.0007
NE+6.80	15	DER12	-0.0362	0.0102	0.0000	-0.0005	-0.0032	-0.0006
NE+6.80	15	DER13	0.0101	0.0463	-0.0003	-0.0043	0.0008	0.0003
NE+6.80	15	DER14	-0.0116	0.0449	-0.0002	-0.0041	-0.0011	-0.0001
NE+6.80	15	DER15	-0.0096	-0.0496	0.0000	0.0056	-0.0009	-0.0004
NE+6.80	15	DER16	0.0121	-0.0482	-0.0001	0.0055	0.0010	0.0000
NE+3.45	3	DER1	0.0226	0.0056	0.0000	-0.0016	0.0055	0.0002
NE+3.45	3	DER2	0.0223	-0.0078	0.0000	0.0018	0.0054	0.0000
NE+3.45	3	DER3	-0.0229	-0.0059	-0.0003	0.0013	-0.0048	-0.0003
NE+3.45	3	DER4	-0.0226	0.0075	-0.0002	-0.0021	-0.0047	-0.0001
NE+3.45	3	DER5	0.0071	0.0219	0.0000	-0.0056	0.0020	0.0003
NE+3.45	3	DER6	-0.0064	0.0224	-0.0001	-0.0058	-0.0011	0.0003
NE+3.45	3	DER7	-0.0074	-0.0222	-0.0003	0.0053	-0.0013	-0.0004
NE+3.45	3	DER8	0.0061	-0.0227	-0.0002	0.0055	0.0018	-0.0003
NE+3.45	3	DER9	0.0226	0.0056	0.0000	-0.0016	0.0054	0.0002
NE+3.45	3	DER10	0.0223	-0.0078	0.0000	0.0017	0.0053	0.0000
NE+3.45	3	DER11	-0.0228	-0.0059	-0.0003	0.0013	-0.0048	-0.0002
NE+3.45	3	DER12	-0.0225	0.0075	-0.0002	-0.0021	-0.0048	0.0000
NE+3.45	3	DER13	0.0072	0.0219	0.0000	-0.0056	0.0019	0.0003
NE+3.45	3	DER14	-0.0064	0.0225	-0.0001	-0.0058	-0.0011	0.0003
NE+3.45	3	DER15	-0.0074	-0.0221	-0.0003	0.0053	-0.0014	-0.0004
NE+3.45	3	DER16	0.0062	-0.0227	-0.0002	0.0055	0.0017	-0.0003

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+3.45	7	DER1	0.0224	0.0056	-0.0001	-0.0009	0.0055	0.0003
NE+3.45	7	DER2	0.0224	-0.0078	-0.0001	0.0013	0.0055	0.0001
NE+3.45	7	DER3	-0.0224	-0.0059	-0.0003	0.0010	-0.0042	-0.0004
NE+3.45	7	DER4	-0.0224	0.0075	-0.0003	-0.0013	-0.0042	-0.0002
NE+3.45	7	DER5	0.0067	0.0219	-0.0002	-0.0037	0.0021	0.0003
NE+3.45	7	DER6	-0.0067	0.0225	-0.0003	-0.0038	-0.0008	0.0001
NE+3.45	7	DER7	-0.0067	-0.0222	-0.0002	0.0037	-0.0008	-0.0004
NE+3.45	7	DER8	0.0067	-0.0227	-0.0002	0.0038	0.0021	-0.0002
NE+3.45	7	DER9	0.0224	0.0056	-0.0001	-0.0009	0.0054	0.0003
NE+3.45	7	DER10	0.0224	-0.0078	-0.0001	0.0013	0.0054	0.0002
NE+3.45	7	DER11	-0.0224	-0.0059	-0.0003	0.0010	-0.0043	-0.0004
NE+3.45	7	DER12	-0.0224	0.0075	-0.0003	-0.0013	-0.0043	-0.0002
NE+3.45	7	DER13	0.0067	0.0219	-0.0002	-0.0037	0.0020	0.0003
NE+3.45	7	DER14	-0.0067	0.0225	-0.0002	-0.0038	-0.0009	0.0001
NE+3.45	7	DER15	-0.0067	-0.0222	-0.0002	0.0037	-0.0009	-0.0004
NE+3.45	7	DER16	0.0067	-0.0227	-0.0001	0.0038	0.0020	-0.0002
NE+3.45	8	DER1	0.0224	0.0066	-0.0003	-0.0011	0.0031	0.0003
NE+3.45	8	DER2	0.0224	-0.0079	-0.0003	0.0013	0.0031	0.0001
NE+3.45	8	DER3	-0.0224	-0.0072	-0.0003	0.0012	-0.0033	-0.0003
NE+3.45	8	DER4	-0.0224	0.0073	-0.0003	-0.0012	-0.0033	-0.0002
NE+3.45	8	DER5	0.0067	0.0237	-0.0003	-0.0039	0.0009	0.0003
NE+3.45	8	DER6	-0.0067	0.0239	-0.0003	-0.0039	-0.0010	0.0002
NE+3.45	8	DER7	-0.0067	-0.0243	-0.0003	0.0040	-0.0010	-0.0004
NE+3.45	8	DER8	0.0067	-0.0245	-0.0003	0.0040	0.0009	-0.0002
NE+3.45	8	DER9	0.0224	0.0067	-0.0003	-0.0011	0.0031	0.0003
NE+3.45	8	DER10	0.0224	-0.0078	-0.0003	0.0013	0.0031	0.0001
NE+3.45	8	DER11	-0.0224	-0.0071	-0.0002	0.0012	-0.0033	-0.0003
NE+3.45	8	DER12	-0.0224	0.0074	-0.0002	-0.0012	-0.0033	-0.0002
NE+3.45	8	DER13	0.0067	0.0238	-0.0003	-0.0039	0.0009	0.0003
NE+3.45	8	DER14	-0.0067	0.0240	-0.0003	-0.0039	-0.0010	0.0002
NE+3.45	8	DER15	-0.0067	-0.0242	-0.0002	0.0039	-0.0010	-0.0004
NE+3.45	8	DER16	0.0067	-0.0244	-0.0003	0.0040	0.0009	-0.0002
NE+3.45	9	DER1	0.0224	0.0073	-0.0003	-0.0012	0.0032	0.0002
NE+3.45	9	DER2	0.0224	-0.0076	-0.0003	0.0013	0.0032	0.0002
NE+3.45	9	DER3	-0.0224	-0.0081	-0.0003	0.0014	-0.0031	-0.0003
NE+3.45	9	DER4	-0.0224	0.0069	-0.0003	-0.0011	-0.0031	-0.0003
NE+3.45	9	DER5	0.0067	0.0246	-0.0003	-0.0040	0.0010	0.0001
NE+3.45	9	DER6	-0.0067	0.0245	-0.0003	-0.0040	-0.0009	0.0000
NE+3.45	9	DER7	-0.0067	-0.0254	-0.0003	0.0042	-0.0009	-0.0002
NE+3.45	9	DER8	0.0067	-0.0252	-0.0003	0.0042	0.0010	0.0000
NE+3.45	9	DER9	0.0224	0.0074	-0.0002	-0.0012	0.0032	0.0002
NE+3.45	9	DER10	0.0224	-0.0075	-0.0002	0.0013	0.0032	0.0002
NE+3.45	9	DER11	-0.0224	-0.0079	-0.0003	0.0013	-0.0031	-0.0003
NE+3.45	9	DER12	-0.0224	0.0070	-0.0003	-0.0011	-0.0031	-0.0002
NE+3.45	9	DER13	0.0067	0.0248	-0.0003	-0.0040	0.0010	0.0001
NE+3.45	9	DER14	-0.0067	0.0246	-0.0003	-0.0040	-0.0009	0.0000
NE+3.45	9	DER15	-0.0067	-0.0252	-0.0003	0.0042	-0.0009	-0.0002
NE+3.45	9	DER16	0.0067	-0.0251	-0.0002	0.0042	0.0010	0.0000
NE+3.45	10	DER1	0.0224	0.0079	-0.0003	-0.0013	0.0042	0.0002
NE+3.45	10	DER2	0.0224	-0.0067	-0.0003	0.0012	0.0042	0.0002
NE+3.45	10	DER3	-0.0224	-0.0089	-0.0001	0.0016	-0.0055	-0.0003
NE+3.45	10	DER4	-0.0224	0.0057	-0.0001	-0.0009	-0.0055	-0.0003
NE+3.45	10	DER5	0.0067	0.0242	-0.0003	-0.0041	0.0008	0.0001
NE+3.45	10	DER6	-0.0067	0.0235	-0.0002	-0.0039	-0.0021	-0.0001
NE+3.45	10	DER7	-0.0067	-0.0252	-0.0002	0.0043	-0.0021	-0.0001
NE+3.45	10	DER8	0.0067	-0.0245	-0.0002	0.0042	0.0008	0.0000
NE+3.45	10	DER9	0.0224	0.0081	-0.0003	-0.0013	0.0043	0.0002
NE+3.45	10	DER10	0.0224	-0.0066	-0.0003	0.0012	0.0043	0.0002
NE+3.45	10	DER11	-0.0224	-0.0088	-0.0001	0.0016	-0.0053	-0.0003
NE+3.45	10	DER12	-0.0224	0.0059	-0.0001	-0.0009	-0.0053	-0.0003
NE+3.45	10	DER13	0.0067	0.0243	-0.0002	-0.0041	0.0009	0.0001
NE+3.45	10	DER14	-0.0067	0.0237	-0.0002	-0.0039	-0.0019	-0.0001
NE+3.45	10	DER15	-0.0067	-0.0250	-0.0001	0.0043	-0.0019	-0.0001
NE+3.45	10	DER16	0.0067	-0.0244	-0.0002	0.0042	0.0009	0.0000
NE+3.45	12	DER1	0.0200	0.0056	0.0000	-0.0012	0.0049	0.0004
NE+3.45	12	DER2	0.0203	-0.0078	0.0000	0.0022	0.0049	0.0002
NE+3.45	12	DER3	-0.0197	-0.0059	-0.0002	0.0017	-0.0040	-0.0005
NE+3.45	12	DER4	-0.0200	0.0075	-0.0003	-0.0017	-0.0041	-0.0003
NE+3.45	12	DER5	0.0056	0.0219	-0.0002	-0.0053	0.0017	0.0004
NE+3.45	12	DER6	-0.0064	0.0225	-0.0003	-0.0054	-0.0010	0.0002
NE+3.45	12	DER7	-0.0053	-0.0222	-0.0001	0.0058	-0.0008	-0.0005
NE+3.45	12	DER8	0.0067	-0.0227	0.0000	0.0060	0.0019	-0.0003
NE+3.45	12	DER9	0.0200	0.0056	0.0000	-0.0012	0.0048	0.0004
NE+3.45	12	DER10	0.0203	-0.0078	0.0000	0.0022	0.0049	0.0002
NE+3.45	12	DER11	-0.0198	-0.0059	-0.0002	0.0017	-0.0041	-0.0005
NE+3.45	12	DER12	-0.0201	0.0075	-0.0003	-0.0017	-0.0041	-0.0003
NE+3.45	12	DER13	0.0056	0.0219	-0.0002	-0.0053	0.0016	0.0004
NE+3.45	12	DER14	-0.0064	0.0225	-0.0003	-0.0054	-0.0011	0.0002
NE+3.45	12	DER15	-0.0054	-0.0221	-0.0001	0.0058	-0.0009	-0.0005
NE+3.45	12	DER16	0.0066	-0.0227	0.0000	0.0060	0.0018	-0.0003

NE+6.80	8	DER1	0.0390	0.0118	-0.0004	-0.0009	0.0026	0.0005
NE+6.80	8	DER2	0.0390	-0.0151	-0.0004	0.0012	0.0026	0.0002
NE+6.80	8	DER3	-0.0390	-0.0135	-0.0003	0.0010	-0.0025	-0.0007
NE+6.80	8	DER4	-0.0390	0.0134	-0.0003	-0.0010	-0.0025	-0.0005
NE+6.80	8	DER5	0.0117	0.0437	-0.0004	-0.0034	0.0008	0.0004
NE+6.80	8	DER6	-0.0117	0.0442	-0.0004	-0.0034	-0.0007	0.0001
NE+6.80	8	DER7	-0.0117	-0.0454	-0.0003	0.0035	-0.0007	-0.0007
NE+6.80	8	DER8	0.0117	-0.0458	-0.0004	0.0036	0.0008	-0.0004
NE+6.80	8	DER9	0.0390	0.0120	-0.0003	-0.0009	0.0026	0.0005
NE+6.80	8	DER10	0.0390	-0.0149	-0.0003	0.0012	0.0026	0.0002
NE+6.80	8	DER11	-0.0390	-0.0133	-0.0003	0.0010	-0.0025	-0.0007
NE+6.80	8	DER12	-0.0390	0.0136	-0.0003	-0.0010	-0.0025	-0.0005
NE+6.80	8	DER13	0.0117	0.0439	-0.0003	-0.0034	0.0008	0.0004
NE+6.80	8	DER14	-0.0117	0.0444	-0.0003	-0.0034	-0.0007	0.0002
NE+6.80	8	DER15	-0.0117	-0.0452	-0.0003	0.0035	-0.0007	-0.0007
NE+6.80	8	DER16	0.0117	-0.0457	-0.0003	0.0036	0.0008	-0.0004
NE+6.80	9	DER1	0.0390	0.0128	-0.0003	-0.0010	0.0025	0.0005
NE+6.80	9	DER2	0.0390	-0.0152	-0.0003	0.0012	0.0025	0.0003
NE+6.80	9	DER3	-0.0390	-0.0160	-0.0004	0.0013	-0.0026	-0.0007
NE+6.80	9	DER4	-0.0390	0.0120	-0.0004	-0.0009	-0.0026	-0.0005
NE+6.80	9	DER5	0.0117	0.0451	-0.0004	-0.0035	0.0007	0.0003
NE+6.80	9	DER6	-0.0117	0.0449	-0.0004	-0.0035	-0.0008	0.0000
NE+6.80	9	DER7	-0.0117	-0.0483	-0.0004	0.0038	-0.0008	-0.0006
NE+6.80	9	DER8	0.0117	-0.0481	-0.0003	0.0038	0.0007	-0.0003
NE+6.80	9	DER9	0.0390	0.0131	-0.0003	-0.0010	0.0025	0.0005
NE+6.80	9	DER10	0.0390	-0.0149	-0.0003	0.0012	0.0025	0.0003
NE+6.80	9	DER11	-0.0390	-0.0157	-0.0003	0.0012	-0.0025	-0.0007
NE+6.80	9	DER12	-0.0390	0.0123	-0.0003	-0.0010	-0.0025	-0.0005
NE+6.80	9	DER13	0.0117	0.0455	-0.0003	-0.0036	0.0007	0.0003
NE+6.80	9	DER14	-0.0117	0.0452	-0.0003	-0.0035	-0.0008	0.0000
NE+6.80	9	DER15	-0.0117	-0.0480	-0.0003	0.0037	-0.0008	-0.0005
NE+6.80	9	DER16	0.0117	-0.0478	-0.0003	0.0037	0.0007	-0.0003
NE+6.80	10	DER1	0.0390	0.0144	-0.0004	-0.0012	0.0033	0.0005
NE+6.80	10	DER2	0.0390	-0.0139	-0.0004	0.0011	0.0033	0.0004
NE+6.80	10	DER3	-0.0390	-0.0186	-0.0001	0.0016	-0.0030	-0.0007
NE+6.80	10	DER4	-0.0390	0.0098	-0.0001	-0.0008	-0.0030	-0.0006
NE+6.80	10	DER5	0.0117	0.0459	-0.0003	-0.0038	0.0011	0.0003
NE+6.80	10	DER6	-0.0117	0.0445	-0.0002	-0.0036	-0.0008	-0.0001
NE+6.80	10	DER7	-0.0117	-0.0500	-0.0002	0.0041	-0.0008	-0.0005
NE+6.80	10	DER8	0.0117	-0.0486	-0.0003	0.0040	0.0011	-0.0001
NE+6.80	10	DER9	0.0390	0.0148	-0.0004	-0.0012	0.0033	0.0005
NE+6.80	10	DER10	0.0390	-0.0135	-0.0004	0.0011	0.0033	0.0004
NE+6.80	10	DER11	-0.0390	-0.0182	-0.0001	0.0015	-0.0031	-0.0007
NE+6.80	10	DER12	-0.0390	0.0102	-0.0001	-0.0008	-0.0031	-0.0006
NE+6.80	10	DER13	0.0117	0.0463	-0.0003	-0.0038	0.0010	0.0003
NE+6.80	10	DER14	-0.0117	0.0449	-0.0002	-0.0037	-0.0009	0.0000
NE+6.80	10	DER15	-0.0117	-0.0496	-0.0002	0.0041	-0.0009	-0.0004
NE+6.80	10	DER16	0.0117	-0.0482	-0.0003	0.0039	0.0010	-0.0001

NE+3.45	4	DER1	0.0226	0.0066	-0.0002	-0.0018	0.0033	0.0002
NE+3.45	4	DER2	0.0223	-0.0079	-0.0003	0.0017	0.0033	0.0000
NE+3.45	4	DER3	-0.0229	-0.0072	-0.0002	0.0015	-0.0035	-0.0003
NE+3.45	4	DER4	-0.0226	0.0073	-0.0001	-0.0020	-0.0034	0.0000
NE+3.45	4	DER5	0.0071	0.0237	-0.0001	-0.0059	0.0010	0.0003
NE+3.45	4	DER6	-0.0064	0.0239	-0.0001	-0.0060	-0.0010	0.0003
NE+3.45	4	DER7	-0.0074	-0.0243	-0.0003	0.0057	-0.0012	-0.0004
NE+3.45	4	DER8	0.0061	-0.0245	-0.0003	0.0058	0.0009	-0.0003
NE+3.45	4	DER9	0.0226	0.0066	-0.0002	-0.0018	0.0033	0.0002
NE+3.45	4	DER10	0.0223	-0.0078	-0.0002	0.0017	0.0033	0.0000
NE+3.45	4	DER11	-0.0229	-0.0071	-0.0002	0.0015	-0.0035	-0.0002
NE+3.45	4	DER12	-0.0226	0.0074	-0.0001	-0.0020	-0.0034	0.0000
NE+3.45	4	DER13	0.0072	0.0238	-0.0001	-0.0060	0.0010	0.0004
NE+3.45	4	DER14	-0.0064	0.0240	-0.0001	-0.0060	-0.0010	0.0003
NE+3.45	4	DER15	-0.0074	-0.0242	-0.0003	0.0057	-0.0012	-0.0004
NE+3.45	4	DER16	0.0062	-0.0244	-0.0003	0.0057	0.0009	-0.0003
NE+3.45	5	DER1	0.0226	0.0073	-0.0002	-0.0016	0.0035	0.0002
NE+3.45	5	DER2	0.0223	-0.0076	-0.0003	0.0021	0.0035	0.0002
NE+3.45	5	DER3	-0.0229	-0.0081	-0.0004	0.0023	-0.0032	-0.0003
NE+3.45	5	DER4	-0.0226	0.0069	-0.0003	-0.0014	-0.0032	-0.0003
NE+3.45	5	DER5	0.0071	0.0246	-0.0002	-0.0058	0.0012	0.0001
NE+3.45	5	DER6	-0.0064	0.0245	-0.0002	-0.0057	-0.0008	-0.0001
NE+3.45	5	DER7	-0.0074	-0.0254	-0.0004	0.0065	-0.0009	-0.0001
NE+3.45	5	DER8	0.0061	-0.0252	-0.0004	0.0064	0.0011	0.0000
NE+3.45	5	DER9	0.0226	0.0075	-0.0002	-0.0018	0.0034	0.0003
NE+3.45	5	DER10	0.0224	-0.0075	-0.0002	0.0018	0.0034	0.0002
NE+3.45	5	DER11	-0.0229	-0.0079	-0.0003	0.0020	-0.0033	-0.0003
NE+3.45	5	DER12	-0.0226	0.0070	-0.0002	-0.0016	-0.0032	-0.0003
NE+3.45	5	DER13	0.0072	0.0247	-0.0001	-0.0060	0.0012	0.0001
NE+3.45	5	DER14	-0.0064	0.0246	-0.0001	-0.0059	-0.0008	-0.0001
NE+3.45	5	DER15	-0.0074	-0.0252	-0.0004	0.0062	-0.0010	-0.0001
NE+3.45	5	DER16	0.0062	-0.0251	-0.0003	0.0061	0.0010	0.0000
NE+3.45	6	DER1	0.0226	0.0079	-0.0003	-0.0017	0.0044	0.0003
NE+3.45	6	DER2	0.0223	-0.0067	-0.0004	0.0020	0.0044	0.0003
NE+3.45	6	DER3	-0.0229	-0.0089	-0.0001	0.0025	-0.0056	-0.0003
NE+3.45	6	DER4	-0.0226	0.0057	0.0000	-0.0012	-0.0056	-0.0004
NE+3.45	6	DER5	0.0071	0.0242	-0.0001	-0.0058	0.0010	0.0000
NE+3.45	6	DER6	-0.0064	0.0235	-0.0001	-0.0056	-0.0020	-0.0002
NE+3.45	6	DER7	-0.0074	-0.0252	-0.0003	0.0066	-0.0022	-0.0001
NE+3.45	6	DER8	0.0061	-0.0245	-0.0004	0.0065	0.0008	0.0001
NE+3.45	6	DER9	0.0226	0.0081	-0.0003	-0.0019	0.0046	0.0003
NE+3.45	6	DER10	0.0223	-0.0065	-0.0003	0.0018	0.0046	0.0003
NE+3.45	6	DER11	-0.0229	-0.0087	-0.0001	0.0022	-0.0055	-0.0003
NE+3.45	6	DER12	-0.0226	0.0059	0.0000	-0.0014	-0.0054	-0.0004
NE+3.45	6	DER13	0.0072	0.0243	-0.0001	-0.0060	0.0012	0.0000
NE+3.45	6	DER14	-0.0064	0.0237	0.0000	-0.0059	-0.0018	-0.0002
NE+3.45	6	DER15	-0.0074	-0.0250	-0.0002	0.0063	-0.0020	-0.0001
NE+3.45	6	DER16	0.0062	-0.0244	-0.0003	0.0062	0.0010	0.0001

NE+3.45	13	DER1	0.0200	0.0066	-0.0003	-0.0013	0.0029	0.0003
NE+3.45	13	DER2	0.0203	-0.0079	-0.0002	0.0022	0.0030	0.0001
NE+3.45	13	DER3	-0.0197	-0.0071	-0.0002	0.0020	-0.0030	-0.0004
NE+3.45	13	DER4	-0.0200	0.0073	-0.0002	-0.0015	-0.0030	-0.0002
NE+3.45	13	DER5	0.0057	0.0237	-0.0003	-0.0055	0.0008	0.0004
NE+3.45	13	DER6	-0.0064	0.0239	-0.0003	-0.0056	-0.0010	0.0002
NE+3.45	13	DER7	-0.0054	-0.0243	-0.0001	0.0062	-0.0008	-0.0005
NE+3.45	13	DER8	0.0067	-0.0245	-0.0001	0.0063	0.0009	-0.0003
NE+3.45	13	DER9	0.0200	0.0067	-0.0002	-0.0013	0.0029	0.0003
NE+3.45	13	DER10	0.0203	-0.0078	-0.0002	0.0022	0.0030	0.0001
NE+3.45	13	DER11	-0.0198	-0.0071	-0.0001	0.0020	-0.0029	-0.0004
NE+3.45	13	DER12	-0.0201	0.0074	-0.0002	-0.0015	-0.0030	-0.0002
NE+3.45	13	DER13	0.0056	0.0238	-0.0003	-0.0055	0.0008	0.0004
NE+3.45	13	DER14	-0.0064	0.0240	-0.0003	-0.0056	-0.0010	0.0002
NE+3.45	13	DER15	-0.0054	-0.0242	-0.0001	0.0062	-0.0008	-0.0004
NE+3.45	13	DER16	0.0066	-0.0244	-0.0001	0.0063	0.0010	-0.0003
NE+3.45	14	DER1	0.0200	0.0073	-0.0002	-0.0015	0.0030	0.0003
NE+3.45	14	DER2	0.0203	-0.0076	-0.0002	0.0022	0.0030	0.0003
NE+3.45	14	DER3	-0.0197	-0.0081	-0.0002	0.0023	-0.0029	-0.0004
NE+3.45	14	DER4	-0.0200	0.0069	-0.0003	-0.0014	-0.0029	-0.0003
NE+3.45	14	DER5	0.0057	0.0246	-0.0003	-0.0057	0.0009	0.0001
NE+3.45	14	DER6	-0.0064	0.0245	-0.0003	-0.0057	-0.0009	-0.0001
NE+3.45	14	DER7	-0.0054	-0.0254	-0.0001	0.0066	-0.0007	-0.0002
NE+3.45	14	DER8	0.0067	-0.0252	-0.0001	0.0066	0.0010	0.0000
NE+3.45	14	DER9	0.0200	0.0074	-0.0002	-0.0015	0.0030	0.0003
NE+3.45	14	DER10	0.0203	-0.0075	-0.0001	0.0022	0.0030	0.0003
NE+3.45	14	DER11	-0.0198	-0.0079	-0.0002	0.0023	-0.0029	-0.0003
NE+3.45	14	DER12	-0.0201	0.0070	-0.0002	-0.0014	-0.0029	-0.0003
NE+3.45	14	DER13	0.0056	0.0247	-0.0003	-0.0058	0.0009	0.0001
NE+3.45	14	DER14	-0.0064	0.0246	-0.0003	-0.0057	-0.0009	-0.0001
NE+3.45	14	DER15	-0.0054	-0.0252	-0.0001	0.0066	-0.0008	-0.0002
NE+3.45	14	DER16	0.0066	-0.0251	-0.0001	0.0065	0.0010	0.0000
NE+3.45	15	DER1	0.0200	0.0079	-0.0003	-0.0017	0.0041	0.0004
NE+3.45	15	DER2	0.0203	-0.0067	-0.0002	0.0020	0.0041	0.0004
NE+3.45	15	DER3	-0.0197	-0.0089	0.0000	0.0026	-0.0047	-0.0004
NE+3.45	15	DER4	-0.0200	0.0057	0.0000	-0.0011	-0.0048	-0.0005
NE+3.45	15	DER5	0.0057	0.0242	-0.0003	-0.0058	0.0009	0.0000
NE+3.45	15	DER6	-0.0064	0.0235	-0.0002	-0.0056	-0.0018	-0.0002
NE+3.45	15	DER7	-0.0054	-0.0252	0.0000	0.0067	-0.0016	-0.0001
NE+3.45	15	DER8	0.0067	-0.0245	-0.0001	0.0066	0.0011	0.0001
NE+3.45	15	DER9	0.0200	0.0081	-0.0003	-0.0017	0.0041	0.0004
NE+3.45	15	DER10	0.0203	-0.0065	-0.0002	0.0020	0.0042	0.0004
NE+3.45	15	DER11	-0.0198	-0.0087	0.0000	0.0026	-0.0047	-0.0004
NE+3.45	15	DER12	-0.0201	0.0059	0.0000	-0.0011	-0.0048	-0.0005
NE+3.45	15	DER13	0.0056	0.0243	-0.0003	-0.0059	0.0009	0.0000
NE+3.45	15	DER14	-0.0064	0.0237	-0.0002	-0.0057	-0.0017	-0.0002
NE+3.45	15	DER15	-0.0054	-0.0250	0.0000	0.0067	-0.0015	-0.0001
NE+3.45	15	DER16	0.0066	-0.0244	-0.0001	0.0065	0.0012	0.0001

2.4 VERIFICACIÓN DE DERIVAS UMBRAL DE DAÑO

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	3	DER1	0.009	0.002	0.003	3.35	0.013	OK	0.21
NE+3.45	3	DER1	0.005	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	3	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.22
NE+3.45	3	DER2	0.005	-0.002	-0.003	3.45	0.014	OK	-0.24
NE+6.80	3	DER3	-0.009	-0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	3	DER3	-0.005	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	3	DER4	-0.009	0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	3	DER4	-0.005	0.002	-0.003	3.45	0.014	OK	-0.20
NE+6.80	3	DER5	0.003	0.009	0.003	3.35	0.013	OK	0.23
NE+3.45	3	DER5	0.001	0.005	-0.003	3.45	0.014	OK	-0.23
NE+6.80	3	DER6	-0.003	0.009	0.003	3.35	0.013	OK	0.23
NE+3.45	3	DER6	-0.002	0.005	-0.003	3.45	0.014	OK	-0.25
NE+6.80	3	DER7	-0.003	-0.009	0.003	3.35	0.013	OK	0.25
NE+3.45	3	DER7	-0.002	-0.005	-0.003	3.45	0.014	OK	-0.24
NE+6.80	3	DER8	0.002	-0.010	0.003	3.35	0.013	OK	0.24
NE+3.45	3	DER8	0.001	-0.005	-0.003	3.45	0.014	OK	-0.19
NE+6.80	3	DER9	0.009	0.002	0.003	3.35	0.013	OK	0.22
NE+3.45	3	DER9	0.005	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	3	DER10	0.009	-0.003	0.003	3.35	0.013	OK	0.22
NE+3.45	3	DER10	0.005	-0.002	-0.003	3.45	0.014	OK	-0.23
NE+6.80	3	DER11	-0.009	-0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	3	DER11	-0.005	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	3	DER12	-0.009	0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	3	DER12	-0.005	0.002	-0.003	3.45	0.014	OK	-0.20
NE+6.80	3	DER13	0.003	0.009	0.003	3.35	0.013	OK	0.22
NE+3.45	3	DER13	0.001	0.005	-0.003	3.45	0.014	OK	-0.23
NE+6.80	3	DER14	-0.003	0.009	0.003	3.35	0.013	OK	0.23
NE+3.45	3	DER14	-0.002	0.005	-0.003	3.45	0.014	OK	-0.25
NE+6.80	3	DER15	-0.003	-0.009	0.003	3.35	0.013	OK	0.25
NE+3.45	3	DER15	-0.002	-0.005	-0.003	3.45	0.014	OK	-0.24
NE+6.80	3	DER16	0.002	-0.010	0.003	3.35	0.013	OK	0.25
NE+3.45	3	DER16	0.001	-0.005	0.004	3.45	0.014	OK	0.26

0.256

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	4	DER1	0.009	0.002	0.003	3.35	0.013	OK	0.21
NE+3.45	4	DER1	0.005	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	4	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.22
NE+3.45	4	DER2	0.005	-0.002	-0.003	3.45	0.014	OK	-0.25
NE+6.80	4	DER3	-0.009	-0.004	0.003	3.35	0.013	OK	0.24
NE+3.45	4	DER3	-0.005	-0.002	-0.003	3.45	0.014	OK	-0.21
NE+6.80	4	DER4	-0.009	0.002	0.003	3.35	0.013	OK	0.22
NE+3.45	4	DER4	-0.005	0.001	-0.003	3.45	0.014	OK	-0.20
NE+6.80	4	DER5	0.003	0.009	0.003	3.35	0.013	OK	0.21
NE+3.45	4	DER5	0.001	0.005	-0.003	3.45	0.014	OK	-0.21
NE+6.80	4	DER6	-0.003	0.009	0.003	3.35	0.013	OK	0.21
NE+3.45	4	DER6	-0.002	0.005	-0.004	3.45	0.014	OK	-0.29
NE+6.80	4	DER7	-0.003	-0.010	0.004	3.35	0.013	OK	0.27
NE+3.45	4	DER7	-0.002	-0.005	-0.003	3.45	0.014	OK	-0.25
NE+6.80	4	DER8	0.002	-0.010	0.003	3.35	0.013	OK	0.26
NE+3.45	4	DER8	0.001	-0.006	-0.002	3.45	0.014	OK	-0.17
NE+6.80	4	DER9	0.009	0.002	0.003	3.35	0.013	OK	0.21
NE+3.45	4	DER9	0.005	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	4	DER10	0.009	-0.004	0.003	3.35	0.013	OK	0.22
NE+3.45	4	DER10	0.005	-0.002	-0.003	3.45	0.014	OK	-0.24
NE+6.80	4	DER11	-0.009	-0.003	0.003	3.35	0.013	OK	0.24
NE+3.45	4	DER11	-0.005	-0.002	-0.003	3.45	0.014	OK	-0.20
NE+6.80	4	DER12	-0.009	0.002	0.003	3.35	0.013	OK	0.22
NE+3.45	4	DER12	-0.005	0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	4	DER13	0.003	0.009	0.003	3.35	0.013	OK	0.21
NE+3.45	4	DER13	0.001	0.005	-0.003	3.45	0.014	OK	-0.21
NE+6.80	4	DER14	-0.003	0.009	0.003	3.35	0.013	OK	0.22
NE+3.45	4	DER14	-0.002	0.005	-0.004	3.45	0.014	OK	-0.28
NE+6.80	4	DER15	-0.003	-0.010	0.004	3.35	0.013	OK	0.27
NE+3.45	4	DER15	-0.002	-0.005	-0.003	3.45	0.014	OK	-0.25
NE+6.80	4	DER16	0.002	-0.010	0.004	3.35	0.013	OK	0.26
NE+3.45	4	DER16	0.001	-0.005	0.004	3.45	0.014	OK	0.28

0.281

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	5	DER1	0.009	0.002	0.003	3.35	0.013	OK	0.20
NE+3.45	5	DER1	0.005	0.001	-0.003	3.45	0.014	OK	-0.24
NE+6.80	5	DER2	0.008	-0.005	0.003	3.35	0.013	OK	0.24
NE+3.45	5	DER2	0.005	-0.002	-0.004	3.45	0.014	OK	-0.28
NE+6.80	5	DER3	-0.009	-0.005	0.004	3.35	0.013	OK	0.26
NE+3.45	5	DER3	-0.005	-0.002	-0.003	3.45	0.014	OK	-0.19
NE+6.80	5	DER4	-0.009	0.001	0.003	3.35	0.013	OK	0.22
NE+3.45	5	DER4	-0.005	0.001	-0.003	3.45	0.014	OK	-0.19
NE+6.80	5	DER5	0.003	0.008	0.003	3.35	0.013	OK	0.19
NE+3.45	5	DER5	0.001	0.005	-0.002	3.45	0.014	OK	-0.18
NE+6.80	5	DER6	-0.003	0.008	0.003	3.35	0.013	OK	0.19
NE+3.45	5	DER6	-0.002	0.005	-0.005	3.45	0.014	OK	-0.35
NE+6.80	5	DER7	-0.003	-0.012	0.004	3.35	0.013	OK	0.32
NE+3.45	5	DER7	-0.002	-0.006	-0.004	3.45	0.014	OK	-0.29
NE+6.80	5	DER8	0.002	-0.012	0.004	3.35	0.013	OK	0.31
NE+3.45	5	DER8	0.001	-0.006	-0.002	3.45	0.014	OK	-0.16
NE+6.80	5	DER9	0.009	0.002	0.003	3.35	0.013	OK	0.21
NE+3.45	5	DER9	0.005	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	5	DER10	0.009	-0.004	0.003	3.35	0.013	OK	0.23
NE+3.45	5	DER10	0.005	-0.002	-0.004	3.45	0.014	OK	-0.26
NE+6.80	5	DER11	-0.009	-0.004	0.003	3.35	0.013	OK	0.25
NE+3.45	5	DER11	-0.005	-0.002	-0.003	3.45	0.014	OK	-0.20
NE+6.80	5	DER12	-0.009	0.002	0.003	3.35	0.013	OK	0.22
NE+3.45	5	DER12	-0.005	0.001	-0.003	3.45	0.014	OK	-0.20
NE+6.80	5	DER13	0.003	0.009	0.003	3.35	0.013	OK	0.20
NE+3.45	5	DER13	0.001	0.005	-0.003	3.45	0.014	OK	-0.19
NE+6.80	5	DER14	-0.003	0.009	0.003	3.35	0.013	OK	0.19
NE+3.45	5	DER14	-0.002	0.005	-0.004	3.45	0.014	OK	-0.32
NE+6.80	5	DER15	-0.003	-0.011	0.004	3.35	0.013	OK	0.31
NE+3.45	5	DER15	-0.002	-0.006	-0.004	3.45	0.014	OK	-0.28
NE+6.80	5	DER16	0.002	-0.011	0.004	3.35	0.013	OK	0.30
NE+3.45	5	DER16	0.001	-0.006	0.004	3.45	0.014	OK	0.29

0.318

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	6	DER1	0.009	0.001	0.003	3.35	0.013	OK	0.20
NE+3.45	6	DER1	0.005	0.001	-0.003	3.45	0.014	OK	-0.24
NE+6.80	6	DER2	0.008	-0.005	0.003	3.35	0.013	OK	0.24
NE+3.45	6	DER2	0.005	-0.002	-0.004	3.45	0.014	OK	-0.30
NE+6.80	6	DER3	-0.009	-0.006	0.004	3.35	0.013	OK	0.28
NE+3.45	6	DER3	-0.005	-0.002	-0.003	3.45	0.014	OK	-0.19
NE+6.80	6	DER4	-0.009	0.000	0.003	3.35	0.013	OK	0.22
NE+3.45	6	DER4	-0.005	0.001	-0.003	3.45	0.014	OK	-0.18
NE+6.80	6	DER5	0.003	0.008	0.003	3.35	0.013	OK	0.19
NE+3.45	6	DER5	0.001	0.005	-0.002	3.45	0.014	OK	-0.17
NE+6.80	6	DER6	-0.003	0.008	0.002	3.35	0.013	OK	0.19
NE+3.45	6	DER6	-0.002	0.005	-0.006	3.45	0.014	OK	-0.40
NE+6.80	6	DER7	-0.003	-0.012	0.005	3.35	0.013	OK	0.35
NE+3.45	6	DER7	-0.002	-0.006	-0.004	3.45	0.014	OK	-0.31
NE+6.80	6	DER8	0.002	-0.012	0.005	3.35	0.013	OK	0.34
NE+3.45	6	DER8	0.001	-0.006	-0.002	3.45	0.014	OK	-0.16
NE+6.80	6	DER9	0.009	0.002	0.003	3.35	0.013	OK	0.20
NE+3.45	6	DER9	0.005	0.002	-0.003	3.45	0.014	OK	-0.23
NE+6.80	6	DER10	0.009	-0.004	0.003	3.35	0.013	OK	0.23
NE+3.45	6	DER10	0.005	-0.002	-0.004	3.45	0.014	OK	-0.28

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	7	DER1	0.008	0.002	0.003	3.35	0.013	OK	0.19
NE+3.45	7	DER1	0.005	0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	7	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.20
NE+3.45	7	DER2	0.005	-0.002	-0.003	3.45	0.014	OK	-0.18
NE+6.80	7	DER3	-0.008	-0.003	0.003	3.35	0.013	OK	0.19
NE+3.45	7	DER3	-0.005	-0.001	-0.003	3.45	0.014	OK	-0.19
NE+6.80	7	DER4	-0.008	0.003	0.003	3.35	0.013	OK	0.19
NE+3.45	7	DER4	-0.005	0.002	-0.003	3.45	0.014	OK	-0.20
NE+6.80	7	DER5	0.003	0.009	0.003	3.35	0.013	OK	0.22
NE+3.45	7	DER5	0.001	0.005	-0.003	3.45	0.014	OK	-0.23
NE+6.80	7	DER6	-0.003	0.009	0.003	3.35	0.013	OK	0.23
NE+3.45	7	DER6	-0.001	0.005	-0.003	3.45	0.014	OK	-0.24
NE+6.80	7	DER7	-0.003	-0.009	0.003	3.35	0.013	OK	0.25
NE+3.45	7	DER7	-0.001	-0.005	-0.003	3.45	0.014	OK	-0.25
NE+6.80	7	DER8	0.003	-0.010	0.003	3.35	0.013	OK	0.25
NE+3.45	7	DER8	0.001	-0.005	-0.002	3.45	0.014	OK	-0.17
NE+6.80	7	DER9	0.008	0.002	0.003	3.35	0.013	OK	0.19
NE+3.45	7	DER9	0.005	0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	7	DER10	0.008	-0.003	0.003	3.35	0.013	OK	0.20
NE+3.45	7	DER10	0.005	-0.002	-0.003	3.45	0.014	OK	-0.18

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	8	DER1	0.008	0.002	0.002	3.35	0.013	OK	0.19
NE+3.45	8	DER1	0.005	0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	8	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.21
NE+3.45	8	DER2	0.005	-0.002	-0.003	3.45	0.014	OK	-0.20
NE+6.80	8	DER3	-0.008	-0.004	0.003	3.35	0.013	OK	0.20
NE+3.45	8	DER3	-0.005	-0.002	-0.002	3.45	0.014	OK	-0.18
NE+6.80	8	DER4	-0.008	0.002	0.003	3.35	0.013	OK	0.19
NE+3.45	8	DER4	-0.005	0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	8	DER5	0.003	0.009	0.003	3.35	0.013	OK	0.21
NE+3.45	8	DER5	0.001	0.005	-0.003	3.45	0.014	OK	-0.21
NE+6.80	8	DER6	-0.003	0.009	0.003	3.35	0.013	OK	0.21
NE+3.45	8	DER6	-0.001	0.005	-0.004	3.45	0.014	OK	-0.28
NE+6.80	8	DER7	-0.003	-0.010	0.004	3.35	0.013	OK	0.26
NE+3.45	8	DER7	-0.001	-0.005	-0.004	3.45	0.014	OK	-0.26
NE+6.80	8	DER8	0.003	-0.010	0.004	3.35	0.013	OK	0.26
NE+3.45	8	DER8	0.001	-0.006	-0.002	3.45	0.014	OK	-0.15
NE+6.80	8	DER9	0.008	0.002	0.002	3.35	0.013	OK	0.19
NE+3.45	8	DER9	0.005	0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	8	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.21
NE+3.45	8	DER10	0.005	-0.002	-0.003	3.45	0.014	OK	-0.19

NE+6.80	6	DER11	-0.009	-0.005	0.004	3.35	0.013	OK	0.27
NE+3.45	6	DER11	-0.005	-0.002	-0.003	3.45	0.014	OK	-0.19
NE+6.80	6	DER12	-0.009	0.001	0.003	3.35	0.013	OK	0.22
NE+3.45	6	DER12	-0.005	0.001	-0.003	3.45	0.014	OK	-0.20
NE+6.80	6	DER13	0.003	0.009	0.003	3.35	0.013	OK	0.20
NE+3.45	6	DER13	0.001	0.005	-0.003	3.45	0.014	OK	-0.18
NE+6.80	6	DER14	-0.003	0.008	0.003	3.35	0.013	OK	0.19
NE+3.45	6	DER14	-0.002	0.005	-0.005	3.45	0.014	OK	-0.37
NE+6.80	6	DER15	-0.003	-0.012	0.005	3.35	0.013	OK	0.34
NE+3.45	6	DER15	-0.002	-0.006	-0.004	3.45	0.014	OK	-0.30
NE+6.80	6	DER16	0.002	-0.012	0.004	3.35	0.013	OK	0.32
NE+3.45	6	DER16	0.001	-0.006	0.004	3.45	0.014	OK	0.29

0.348

NE+6.80	7	DER11	-0.008	-0.003	0.003	3.35	0.013	OK	0.19
NE+3.45	7	DER11	-0.005	-0.001	-0.003	3.45	0.014	OK	-0.19
NE+6.80	7	DER12	-0.008	0.003	0.003	3.35	0.013	OK	0.20
NE+3.45	7	DER12	-0.005	0.002	-0.003	3.45	0.014	OK	-0.20
NE+6.80	7	DER13	0.003	0.009	0.003	3.35	0.013	OK	0.22
NE+3.45	7	DER13	0.001	0.005	-0.003	3.45	0.014	OK	-0.23
NE+6.80	7	DER14	-0.003	0.009	0.003	3.35	0.013	OK	0.23
NE+3.45	7	DER14	-0.001	0.005	-0.003	3.45	0.014	OK	-0.24
NE+6.80	7	DER15	-0.003	-0.009	0.003	3.35	0.013	OK	0.24
NE+3.45	7	DER15	-0.001	-0.005	-0.003	3.45	0.014	OK	-0.24
NE+6.80	7	DER16	0.003	-0.010	0.003	3.35	0.013	OK	0.25
NE+3.45	7	DER16	0.001	-0.005	0.004	3.45	0.014	OK	0.26

0.258

NE+6.80	8	DER11	-0.008	-0.003	0.003	3.35	0.013	OK	0.20
NE+3.45	8	DER11	-0.005	-0.002	-0.002	3.45	0.014	OK	-0.18
NE+6.80	8	DER12	-0.008	0.002	0.003	3.35	0.013	OK	0.19
NE+3.45	8	DER12	-0.005	0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	8	DER13	0.003	0.009	0.003	3.35	0.013	OK	0.21
NE+3.45	8	DER13	0.001	0.005	-0.003	3.45	0.014	OK	-0.21
NE+6.80	8	DER14	-0.003	0.009	0.003	3.35	0.013	OK	0.21
NE+3.45	8	DER14	-0.001	0.005	-0.004	3.45	0.014	OK	-0.27
NE+6.80	8	DER15	-0.003	-0.010	0.004	3.35	0.013	OK	0.26
NE+3.45	8	DER15	-0.001	-0.005	-0.004	3.45	0.014	OK	-0.26
NE+6.80	8	DER16	0.003	-0.010	0.004	3.35	0.013	OK	0.26
NE+3.45	8	DER16	0.001	-0.005	0.004	3.45	0.014	OK	0.28

0.283

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	9	DER1	0.008	0.002	0.002	3.35	0.013	OK	0.18
NE+3.45	9	DER1	0.005	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	9	DER2	0.008	-0.005	0.003	3.35	0.013	OK	0.22
NE+3.45	9	DER2	0.005	-0.002	-0.003	3.45	0.014	OK	-0.22
NE+6.80	9	DER3	-0.008	-0.005	0.003	3.35	0.013	OK	0.23
NE+3.45	9	DER3	-0.005	-0.002	-0.002	3.45	0.014	OK	-0.16
NE+6.80	9	DER4	-0.008	0.001	0.002	3.35	0.013	OK	0.18
NE+3.45	9	DER4	-0.005	0.001	-0.003	3.45	0.014	OK	-0.19
NE+6.80	9	DER5	0.003	0.008	0.003	3.35	0.013	OK	0.19
NE+3.45	9	DER5	0.001	0.005	-0.002	3.45	0.014	OK	-0.18
NE+6.80	9	DER6	-0.003	0.008	0.003	3.35	0.013	OK	0.19
NE+3.45	9	DER6	-0.001	0.005	-0.005	3.45	0.014	OK	-0.34
NE+6.80	9	DER7	-0.003	-0.012	0.004	3.35	0.013	OK	0.31
NE+3.45	9	DER7	-0.001	-0.006	-0.004	3.45	0.014	OK	-0.30
NE+6.80	9	DER8	0.003	-0.012	0.004	3.35	0.013	OK	0.31
NE+3.45	9	DER8	0.001	-0.006	-0.002	3.45	0.014	OK	-0.13
NE+6.80	9	DER9	0.008	0.002	0.002	3.35	0.013	OK	0.18
NE+3.45	9	DER9	0.005	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	9	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.22
NE+3.45	9	DER10	0.005	-0.002	-0.003	3.45	0.014	OK	-0.22
NE+6.80	9	DER11	-0.008	-0.004	0.003	3.35	0.013	OK	0.22
NE+3.45	9	DER11	-0.005	-0.002	-0.002	3.45	0.014	OK	-0.17
NE+6.80	9	DER12	-0.008	0.002	0.002	3.35	0.013	OK	0.18
NE+3.45	9	DER12	-0.005	0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	9	DER13	0.003	0.009	0.003	3.35	0.013	OK	0.20
NE+3.45	9	DER13	0.001	0.005	-0.003	3.45	0.014	OK	-0.19
NE+6.80	9	DER14	-0.003	0.009	0.003	3.35	0.013	OK	0.19
NE+3.45	9	DER14	-0.001	0.005	-0.004	3.45	0.014	OK	-0.32
NE+6.80	9	DER15	-0.003	-0.011	0.004	3.35	0.013	OK	0.30
NE+3.45	9	DER15	-0.001	-0.006	-0.004	3.45	0.014	OK	-0.29
NE+6.80	9	DER16	0.003	-0.011	0.004	3.35	0.013	OK	0.30
NE+3.45	9	DER16	0.001	-0.006	0.004	3.45	0.014	OK	0.29

0.313

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	10	DER1	0.008	0.001	0.002	3.35	0.013	OK	0.18
NE+3.45	10	DER1	0.005	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	10	DER2	0.008	-0.005	0.003	3.35	0.013	OK	0.23
NE+3.45	10	DER2	0.005	-0.002	-0.003	3.45	0.014	OK	-0.25
NE+6.80	10	DER3	-0.008	-0.006	0.003	3.35	0.013	OK	0.24
NE+3.45	10	DER3	-0.005	-0.002	-0.002	3.45	0.014	OK	-0.15
NE+6.80	10	DER4	-0.008	0.001	0.002	3.35	0.013	OK	0.18
NE+3.45	10	DER4	-0.005	0.001	-0.003	3.45	0.014	OK	-0.19
NE+6.80	10	DER5	0.003	0.008	0.003	3.35	0.013	OK	0.19
NE+3.45	10	DER5	0.001	0.005	-0.002	3.45	0.014	OK	-0.17
NE+6.80	10	DER6	-0.003	0.008	0.002	3.35	0.013	OK	0.18
NE+3.45	10	DER6	-0.001	0.005	-0.005	3.45	0.014	OK	-0.39
NE+6.80	10	DER7	-0.003	-0.012	0.005	3.35	0.013	OK	0.34
NE+3.45	10	DER7	-0.001	-0.006	-0.004	3.45	0.014	OK	-0.32
NE+6.80	10	DER8	0.003	-0.012	0.005	3.35	0.013	OK	0.34
NE+3.45	10	DER8	0.001	-0.006	-0.002	3.45	0.014	OK	-0.14
NE+6.80	10	DER9	0.008	0.002	0.002	3.35	0.013	OK	0.18
NE+3.45	10	DER9	0.005	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	10	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.22
NE+3.45	10	DER10	0.005	-0.002	-0.003	3.45	0.014	OK	-0.24
NE+6.80	10	DER11	-0.008	-0.005	0.003	3.35	0.013	OK	0.24
NE+3.45	10	DER11	-0.005	-0.002	-0.002	3.45	0.014	OK	-0.16
NE+6.80	10	DER12	-0.008	0.001	0.002	3.35	0.013	OK	0.18
NE+3.45	10	DER12	-0.005	0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	10	DER13	0.003	0.009	0.003	3.35	0.013	OK	0.20
NE+3.45	10	DER13	0.001	0.005	-0.003	3.45	0.014	OK	-0.18
NE+6.80	10	DER14	-0.003	0.008	0.003	3.35	0.013	OK	0.19
NE+3.45	10	DER14	-0.001	0.005	-0.005	3.45	0.014	OK	-0.36
NE+6.80	10	DER15	-0.003	-0.012	0.004	3.35	0.013	OK	0.33
NE+3.45	10	DER15	-0.001	-0.006	-0.004	3.45	0.014	OK	-0.31
NE+6.80	10	DER16	0.003	-0.012	0.004	3.35	0.013	OK	0.32
NE+3.45	10	DER16	0.001	-0.006	0.004	3.45	0.014	OK	0.29

0.344

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	12	DER1	0.008	0.002	0.003	3.35	0.013	OK	0.19
NE+3.45	12	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	12	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.21
NE+3.45	12	DER2	0.005	-0.002	-0.002	3.45	0.014	OK	-0.15
NE+6.80	12	DER3	-0.007	-0.003	0.002	3.35	0.013	OK	0.18
NE+3.45	12	DER3	-0.004	-0.001	-0.003	3.45	0.014	OK	-0.18
NE+6.80	12	DER4	-0.007	0.003	0.002	3.35	0.013	OK	0.18
NE+3.45	12	DER4	-0.004	0.002	-0.003	3.45	0.014	OK	-0.23
NE+6.80	12	DER5	0.003	0.009	0.003	3.35	0.013	OK	0.22
NE+3.45	12	DER5	0.001	0.005	-0.003	3.45	0.014	OK	-0.22
NE+6.80	12	DER6	-0.002	0.009	0.003	3.35	0.013	OK	0.23
NE+3.45	12	DER6	-0.001	0.005	-0.003	3.45	0.014	OK	-0.24
NE+6.80	12	DER7	-0.002	-0.009	0.003	3.35	0.013	OK	0.24
NE+3.45	12	DER7	-0.001	-0.005	-0.004	3.45	0.014	OK	-0.26
NE+6.80	12	DER8	0.003	-0.010	0.003	3.35	0.013	OK	0.25
NE+3.45	12	DER8	0.002	-0.005	-0.002	3.45	0.014	OK	-0.15
NE+6.80	12	DER9	0.008	0.002	0.003	3.35	0.013	OK	0.19
NE+3.45	12	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	12	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.21
NE+3.45	12	DER10	0.004	-0.002	-0.002	3.45	0.014	OK	-0.16
NE+6.80	12	DER11	-0.007	-0.003	0.002	3.35	0.013	OK	0.19
NE+3.45	12	DER11	-0.004	-0.001	-0.003	3.45	0.014	OK	-0.19
NE+6.80	12	DER12	-0.008	0.003	0.003	3.35	0.013	OK	0.19
NE+3.45	12	DER12	-0.004	0.002	-0.003	3.45	0.014	OK	-0.23
NE+6.80	12	DER13	0.002	0.009	0.003	3.35	0.013	OK	0.22
NE+3.45	12	DER13	0.001	0.005	-0.003	3.45	0.014	OK	-0.23
NE+6.80	12	DER14	-0.002	0.009	0.003	3.35	0.013	OK	0.23
NE+3.45	12	DER14	-0.001	0.005	-0.003	3.45	0.014	OK	-0.23
NE+6.80	12	DER15	-0.002	-0.009	0.003	3.35	0.013	OK	0.24
NE+3.45	12	DER15	-0.001	-0.005	-0.004	3.45	0.014	OK	-0.26
NE+6.80	12	DER16	0.003	-0.010	0.003	3.35	0.013	OK	0.25
NE+3.45	12	DER16	0.002	-0.005	0.004	3.45	0.014	OK	0.26

0.260

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	13	DER1	0.008	0.002	0.003	3.35	0.013	OK	0.19
NE+3.45	13	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	13	DER2	0.008	-0.004	0.003	3.35	0.013	OK	0.21
NE+3.45	13	DER2	0.005	-0.002	-0.002	3.45	0.014	OK	-0.16
NE+6.80	13	DER3	-0.007	-0.004	0.003	3.35	0.013	OK	0.19
NE+3.45	13	DER3	-0.004	-0.002	-0.002	3.45	0.014	OK	-0.17
NE+6.80	13	DER4	-0.007	0.002	0.002	3.35	0.013	OK	0.17
NE+3.45	13	DER4	-0.004	0.001	-0.003	3.45	0.014	OK	-0.24
NE+6.80	13	DER5	0.003	0.009	0.003	3.35	0.013	OK	0.21
NE+3.45	13	DER5	0.001	0.005	-0.003	3.45	0.014	OK	-0.21
NE+6.80	13	DER6	-0.002	0.009	0.003	3.35	0.013	OK	0.21
NE+3.45	13	DER6	-0.001	0.005	-0.004	3.45	0.014	OK	-0.27
NE+6.80	13	DER7	-0.002	-0.010	0.003	3.35	0.013	OK	0.26
NE+3.45	13	DER7	-0.001	-0.005	-0.004	3.45	0.014	OK	-0.27
NE+6.80	13	DER8	0.003	-0.010	0.004	3.35	0.013	OK	0.27
NE+3.45	13	DER8	0.002	-0.005	-0.002	3.45	0.014	OK	-0.13
NE+6.80	13	DER9	0.008	0.002	0.002	3.35	0.013	OK	0.19
NE+3.45	13	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	13	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.22
NE+3.45	13	DER10	0.004	-0.002	-0.002	3.45	0.014	OK	-0.17
NE+6.80	13	DER11	-0.007	-0.003	0.003	3.35	0.013	OK	0.19
NE+3.45	13	DER11	-0.004	-0.002	-0.002	3.45	0.014	OK	-0.17
NE+6.80	13	DER12	-0.008	0.002	0.002	3.35	0.013	OK	0.18
NE+3.45	13	DER12	-0.004	0.001	-0.003	3.45	0.014	OK	-0.24
NE+6.80	13	DER13	0.002	0.009	0.003	3.35	0.013	OK	0.21
NE+3.45	13	DER13	0.001	0.005	-0.003	3.45	0.014	OK	-0.21
NE+6.80	13	DER14	-0.002	0.009	0.003	3.35	0.013	OK	0.21
NE+3.45	13	DER14	-0.001	0.005	-0.004	3.45	0.014	OK	-0.26
NE+6.80	13	DER15	-0.002	-0.010	0.003	3.35	0.013	OK	0.26
NE+3.45	13	DER15	-0.001	-0.005	-0.004	3.45	0.014	OK	-0.27
NE+6.80	13	DER16	0.003	-0.010	0.004	3.35	0.013	OK	0.26
NE+3.45	13	DER16	0.002	-0.005	0.004	3.45	0.014	OK	0.28

0.284

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	14	DER1	0.008	0.002	0.002	3.35	0.013	OK	0.19
NE+3.45	14	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.24
NE+6.80	14	DER2	0.008	-0.005	0.003	3.35	0.013	OK	0.23
NE+3.45	14	DER2	0.005	-0.002	-0.003	3.45	0.014	OK	-0.19
NE+6.80	14	DER3	-0.007	-0.005	0.003	3.35	0.013	OK	0.22
NE+3.45	14	DER3	-0.004	-0.002	-0.002	3.45	0.014	OK	-0.15
NE+6.80	14	DER4	-0.007	0.001	0.002	3.35	0.013	OK	0.16
NE+3.45	14	DER4	-0.004	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	14	DER5	0.002	0.008	0.002	3.35	0.013	OK	0.19
NE+3.45	14	DER5	0.001	0.005	-0.002	3.45	0.014	OK	-0.17
NE+6.80	14	DER6	-0.002	0.008	0.002	3.35	0.013	OK	0.19
NE+3.45	14	DER6	-0.001	0.005	-0.005	3.45	0.014	OK	-0.34
NE+6.80	14	DER7	-0.002	-0.012	0.004	3.35	0.013	OK	0.31
NE+3.45	14	DER7	-0.001	-0.006	-0.004	3.45	0.014	OK	-0.31
NE+6.80	14	DER8	0.003	-0.012	0.004	3.35	0.013	OK	0.31
NE+3.45	14	DER8	0.002	-0.006	-0.002	3.45	0.014	OK	-0.11
NE+6.80	14	DER9	0.008	0.002	0.002	3.35	0.013	OK	0.18
NE+3.45	14	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	14	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.22
NE+3.45	14	DER10	0.004	-0.002	-0.003	3.45	0.014	OK	-0.20
NE+6.80	14	DER11	-0.007	-0.004	0.003	3.35	0.013	OK	0.21
NE+3.45	14	DER11	-0.004	-0.002	-0.002	3.45	0.014	OK	-0.16
NE+6.80	14	DER12	-0.008	0.002	0.002	3.35	0.013	OK	0.17
NE+3.45	14	DER12	-0.004	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	14	DER13	0.002	0.009	0.003	3.35	0.013	OK	0.20
NE+3.45	14	DER13	0.001	0.005	-0.003	3.45	0.014	OK	-0.18
NE+6.80	14	DER14	-0.002	0.009	0.003	3.35	0.013	OK	0.19
NE+3.45	14	DER14	-0.001	0.005	-0.004	3.45	0.014	OK	-0.31
NE+6.80	14	DER15	-0.002	-0.011	0.004	3.35	0.013	OK	0.30
NE+3.45	14	DER15	-0.001	-0.006	-0.004	3.45	0.014	OK	-0.30
NE+6.80	14	DER16	0.003	-0.011	0.004	3.35	0.013	OK	0.30
NE+3.45	14	DER16	0.002	-0.006	0.004	3.45	0.014	OK	0.29

0.312

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	15	DER1	0.008	0.001	0.002	3.35	0.013	OK	0.18
NE+3.45	15	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.24
NE+6.80	15	DER2	0.008	-0.005	0.003	3.35	0.013	OK	0.23
NE+3.45	15	DER2	0.005	-0.002	-0.003	3.45	0.014	OK	-0.22
NE+6.80	15	DER3	-0.007	-0.006	0.003	3.35	0.013	OK	0.24
NE+3.45	15	DER3	-0.004	-0.002	-0.002	3.45	0.014	OK	-0.14
NE+6.80	15	DER4	-0.007	0.001	0.002	3.35	0.013	OK	0.16
NE+3.45	15	DER4	-0.004	0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	15	DER5	0.002	0.008	0.002	3.35	0.013	OK	0.18
NE+3.45	15	DER5	0.001	0.005	-0.002	3.45	0.014	OK	-0.16
NE+6.80	15	DER6	-0.002	0.008	0.002	3.35	0.013	OK	0.18
NE+3.45	15	DER6	-0.001	0.005	-0.005	3.45	0.014	OK	-0.39
NE+6.80	15	DER7	-0.002	-0.012	0.005	3.35	0.013	OK	0.34
NE+3.45	15	DER7	-0.001	-0.006	-0.005	3.45	0.014	OK	-0.33
NE+6.80	15	DER8	0.003	-0.012	0.005	3.35	0.013	OK	0.34
NE+3.45	15	DER8	0.002	-0.006	-0.002	3.45	0.014	OK	-0.12
NE+6.80	15	DER9	0.008	0.002	0.002	3.35	0.013	OK	0.18
NE+3.45	15	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	15	DER10	0.008	-0.004	0.003	3.35	0.013	OK	0.23
NE+3.45	15	DER10	0.004	-0.002	-0.003	3.45	0.014	OK	-0.22
NE+6.80	15	DER11	-0.007	-0.005	0.003	3.35	0.013	OK	0.23
NE+3.45	15	DER11	-0.004	-0.002	-0.002	3.45	0.014	OK	-0.15
NE+6.80	15	DER12	-0.008	0.001	0.002	3.35	0.013	OK	0.17
NE+3.45	15	DER12	-0.004	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	15	DER13	0.002	0.009	0.003	3.35	0.013	OK	0.20
NE+3.45	15	DER13	0.001	0.005	-0.002	3.45	0.014	OK	-0.18
NE+6.80	15	DER14	-0.002	0.008	0.003	3.35	0.013	OK	0.19
NE+3.45	15	DER14	-0.001	0.005	-0.005	3.45	0.014	OK	-0.36
NE+6.80	15	DER15	-0.002	-0.012	0.004	3.35	0.013	OK	0.33
NE+3.45	15	DER15	-0.001	-0.006	-0.004	3.45	0.014	OK	-0.32
NE+6.80	15	DER16	0.003	-0.012	0.004	3.35	0.013	OK	0.33
NE+3.45	15	DER16	0.002	-0.006	0.004	3.45	0.014	OK	0.29

0.342

2.4.1 DESPLAZAMIENTOS NUDOS UMBRAL DE DAÑO

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+6.80	3	DER1	0.0086	0.0020	-0.0001	-0.0005	0.0008	0.0000
NE+6.80	3	DER2	0.0084	-0.0035	-0.0001	0.0000	0.0008	0.0000
NE+6.80	3	DER3	-0.0092	-0.0027	-0.0002	-0.0001	-0.0008	-0.0002
NE+6.80	3	DER4	-0.0091	0.0028	-0.0002	-0.0006	-0.0008	-0.0002
NE+6.80	3	DER5	0.0025	0.0087	-0.0001	-0.0012	0.0003	0.0000
NE+6.80	3	DER6	-0.0028	0.0089	-0.0002	-0.0012	-0.0002	0.0000
NE+6.80	3	DER7	-0.0032	-0.0094	-0.0002	0.0006	-0.0002	-0.0002
NE+6.80	3	DER8	0.0021	-0.0096	-0.0002	0.0006	0.0002	-0.0002
NE+6.80	3	DER9	0.0087	0.0021	-0.0001	-0.0005	0.0009	0.0000
NE+6.80	3	DER10	0.0085	-0.0034	-0.0001	0.0001	0.0008	0.0000
NE+6.80	3	DER11	-0.0092	-0.0026	-0.0002	0.0000	-0.0008	-0.0002
NE+6.80	3	DER12	-0.0090	0.0029	-0.0002	-0.0006	-0.0007	-0.0001
NE+6.80	3	DER13	0.0026	0.0087	-0.0001	-0.0012	0.0003	0.0000
NE+6.80	3	DER14	-0.0027	0.0090	-0.0001	-0.0012	-0.0002	0.0000

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+6.80	12	DER1	0.0080	0.0020	-0.0001	0.0002	0.0008	0.0000
NE+6.80	12	DER2	0.0081	-0.0035	-0.0001	0.0007	0.0008	0.0000
NE+6.80	12	DER3	-0.0073	-0.0027	-0.0002	0.0007	-0.0006	-0.0002
NE+6.80	12	DER4	-0.0074	0.0028	-0.0002	0.0001	-0.0006	-0.0002
NE+6.80	12	DER5	0.0025	0.0087	-0.0002	-0.0005	0.0003	0.0000
NE+6.80	12	DER6	-0.0022	0.0089	-0.0002	-0.0005	-0.0001	0.0000
NE+6.80	12	DER7	-0.0018	-0.0094	-0.0002	0.0013	-0.0001	-0.0002
NE+6.80	12	DER8	0.0029	-0.0096	-0.0001	0.0014	0.0003	-0.0002
NE+6.80	12	DER9	0.0079	0.0020	-0.0001	0.0001	0.0008	0.0001
NE+6.80	12	DER10	0.0081	-0.0035	-0.0001	0.0007	0.0008	0.0000
NE+6.80	12	DER11	-0.0074	-0.0026	-0.0002	0.0006	-0.0006	-0.0002
NE+6.80	12	DER12	-0.0075	0.0029	-0.0002	0.0000	-0.0006	-0.0002
NE+6.80	12	DER13	0.0024	0.0087	-0.0002	-0.0006	0.0003	0.0000
NE+6.80	12	DER14	-0.0022	0.0090	-0.0002	-0.0006	-0.0001	0.0000

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+3.45	7	DER1	0.0048	0.0011	-0.0002	-0.0002	0.0017	0.0000
NE+3.45	7	DER2	0.0048	-0.0018	-0.0002	0.0003	0.0017	0.0000
NE+3.45	7	DER3	-0.0048	-0.0014	-0.0002	0.0002	-0.0004	-0.0001
NE+3.45	7	DER4	-0.0048	0.0015	-0.0002	-0.0003	-0.0004	-0.0001
NE+3.45	7	DER5	0.0014	0.0046	-0.0002	-0.0008	0.0010	0.0000
NE+3.45	7	DER6	-0.0014	0.0047	-0.0002	-0.0008	0.0004	0.0000
NE+3.45	7	DER7	-0.0014	-0.0048	-0.0002	0.0008	0.0004	-0.0001
NE+3.45	7	DER8	0.0014	-0.0050	-0.0002	0.0008	0.0010	-0.0001
NE+3.45	7	DER9	0.0048	0.0011	-0.0002	-0.0002	0.0016	0.0000
NE+3.45	7	DER10	0.0048	-0.0017	-0.0002	0.0003	0.0016	0.0000
NE+3.45	7	DER11	-0.0048	-0.0013	-0.0002	0.0002	-0.0005	-0.0001
NE+3.45	7	DER12	-0.0048	0.0015	-0.0002	-0.0003	-0.0005	-0.0001
NE+3.45	7	DER13	0.0014	0.0046	-0.0002	-0.0008	0.0008	0.0000
NE+3.45	7	DER14	-0.0014	0.0047	-0.0002	-0.0008	0.0002	0.0000

NE+6.80	3	DER15	-0.0031	-0.0093	-0.0002	0.0007	-0.0002	-0.0002
NE+6.80	3	DER16	0.0022	-0.0095	-0.0002	0.0007	0.0003	-0.0001
NE+6.80	4	DER1	0.0086	0.0019	-0.0003	-0.0004	0.0006	-0.0001
NE+6.80	4	DER2	0.0084	-0.0039	-0.0003	0.0002	0.0006	-0.0001
NE+6.80	4	DER3	-0.0093	-0.0035	-0.0003	0.0001	-0.0006	-0.0003
NE+6.80	4	DER4	-0.0091	0.0022	-0.0002	-0.0004	-0.0006	-0.0002
NE+6.80	4	DER5	0.0025	0.0087	-0.0002	-0.0010	0.0002	0.0000
NE+6.80	4	DER6	-0.0028	0.0088	-0.0002	-0.0010	-0.0002	-0.0001
NE+6.80	4	DER7	-0.0032	-0.0103	-0.0003	0.0008	-0.0002	-0.0003
NE+6.80	4	DER8	0.0021	-0.0104	-0.0003	0.0008	0.0002	-0.0002
NE+6.80	4	DER9	0.0087	0.0020	-0.0002	-0.0003	0.0006	0.0000
NE+6.80	4	DER10	0.0085	-0.0037	-0.0002	0.0003	0.0006	-0.0001
NE+6.80	4	DER11	-0.0092	-0.0034	-0.0002	0.0002	-0.0006	-0.0002
NE+6.80	4	DER12	-0.0090	0.0024	-0.0002	-0.0003	-0.0006	-0.0002
NE+6.80	4	DER13	0.0026	0.0088	-0.0002	-0.0009	0.0002	0.0000
NE+6.80	4	DER14	-0.0027	0.0089	-0.0002	-0.0010	-0.0002	0.0000
NE+6.80	4	DER15	-0.0031	-0.0102	-0.0003	0.0009	-0.0002	-0.0003
NE+6.80	4	DER16	0.0022	-0.0103	-0.0003	0.0009	0.0002	-0.0002
NE+6.80	5	DER1	0.0086	0.0015	-0.0004	0.0006	0.0006	0.0000
NE+6.80	5	DER2	0.0084	-0.0045	-0.0004	0.0012	0.0006	0.0000
NE+6.80	5	DER3	-0.0093	-0.0047	-0.0004	0.0012	-0.0007	-0.0003
NE+6.80	5	DER4	-0.0091	0.0013	-0.0004	0.0007	-0.0006	-0.0003
NE+6.80	5	DER5	0.0025	0.0084	-0.0003	0.0000	0.0002	0.0000
NE+6.80	5	DER6	-0.0028	0.0083	-0.0003	0.0000	-0.0002	-0.0001
NE+6.80	5	DER7	-0.0032	-0.0116	-0.0004	0.0019	-0.0002	-0.0003
NE+6.80	5	DER8	0.0021	-0.0115	-0.0004	0.0019	0.0001	-0.0002
NE+6.80	5	DER9	0.0087	0.0018	-0.0003	0.0007	0.0006	0.0001
NE+6.80	5	DER10	0.0085	-0.0042	-0.0003	0.0013	0.0006	0.0000
NE+6.80	5	DER11	-0.0092	-0.0044	-0.0003	0.0013	-0.0006	-0.0003
NE+6.80	5	DER12	-0.0091	0.0016	-0.0003	0.0007	-0.0006	-0.0003
NE+6.80	5	DER13	0.0026	0.0087	-0.0003	0.0000	0.0002	0.0000
NE+6.80	5	DER14	-0.0027	0.0086	-0.0003	0.0001	-0.0002	-0.0001
NE+6.80	5	DER15	-0.0031	-0.0113	-0.0003	0.0020	-0.0002	-0.0002
NE+6.80	5	DER16	0.0022	-0.0112	-0.0003	0.0020	0.0001	-0.0001
NE+6.80	6	DER1	0.0086	0.0014	-0.0003	0.0006	0.0007	0.0001
NE+6.80	6	DER2	0.0084	-0.0046	-0.0003	0.0012	0.0007	0.0001
NE+6.80	6	DER3	-0.0093	-0.0056	-0.0003	0.0013	-0.0009	-0.0003
NE+6.80	6	DER4	-0.0092	0.0004	-0.0002	0.0007	-0.0009	-0.0003
NE+6.80	6	DER5	0.0025	0.0082	-0.0003	-0.0001	0.0002	0.0000
NE+6.80	6	DER6	-0.0028	0.0079	-0.0002	-0.0001	-0.0003	-0.0001
NE+6.80	6	DER7	-0.0032	-0.0123	-0.0003	0.0020	-0.0003	-0.0002
NE+6.80	6	DER8	0.0021	-0.0120	-0.0003	0.0020	0.0001	-0.0001
NE+6.80	6	DER9	0.0086	0.0018	-0.0003	0.0006	0.0007	0.0001
NE+6.80	6	DER10	0.0085	-0.0042	-0.0003	0.0012	0.0007	0.0001
NE+6.80	6	DER11	-0.0092	-0.0052	-0.0002	0.0013	-0.0009	-0.0003
NE+6.80	6	DER12	-0.0091	0.0009	-0.0002	0.0007	-0.0009	-0.0003
NE+6.80	6	DER13	0.0026	0.0086	-0.0002	-0.0001	0.0001	0.0000
NE+6.80	6	DER14	-0.0027	0.0083	-0.0002	0.0000	-0.0003	-0.0001
NE+6.80	6	DER15	-0.0031	-0.0119	-0.0003	0.0020	-0.0004	-0.0002
NE+6.80	6	DER16	0.0022	-0.0116	-0.0003	0.0020	0.0001	-0.0001
NE+6.80	7	DER1	0.0083	0.0020	-0.0002	-0.0002	0.0005	0.0000
NE+6.80	7	DER2	0.0083	-0.0035	-0.0002	0.0003	0.0005	0.0000
NE+6.80	7	DER3	-0.0083	-0.0027	-0.0003	0.0002	-0.0008	-0.0002
NE+6.80	7	DER4	-0.0083	0.0028	-0.0003	-0.0002	-0.0008	-0.0002
NE+6.80	7	DER5	0.0025	0.0087	-0.0003	-0.0007	0.0001	0.0000
NE+6.80	7	DER6	-0.0025	0.0089	-0.0003	-0.0007	-0.0003	-0.0001
NE+6.80	7	DER7	-0.0025	-0.0094	-0.0003	0.0007	-0.0003	-0.0002
NE+6.80	7	DER8	0.0025	-0.0096	-0.0003	0.0008	0.0001	-0.0001
NE+6.80	7	DER9	0.0083	0.0020	-0.0002	-0.0002	0.0006	0.0001
NE+6.80	7	DER10	0.0083	-0.0034	-0.0002	0.0003	0.0006	0.0000
NE+6.80	7	DER11	-0.0083	-0.0026	-0.0003	0.0002	-0.0008	-0.0002
NE+6.80	7	DER12	-0.0083	0.0029	-0.0003	-0.0002	-0.0008	-0.0002
NE+6.80	7	DER13	0.0025	0.0087	-0.0002	-0.0007	0.0001	0.0000
NE+6.80	7	DER14	-0.0025	0.0090	-0.0003	-0.0007	-0.0003	0.0000
NE+6.80	7	DER15	-0.0025	-0.0093	-0.0003	0.0007	-0.0003	-0.0002
NE+6.80	7	DER16	0.0025	-0.0095	-0.0002	0.0008	0.0001	-0.0001
NE+6.80	8	DER1	0.0083	0.0019	-0.0004	-0.0001	0.0006	0.0000
NE+6.80	8	DER2	0.0083	-0.0039	-0.0004	0.0003	0.0006	-0.0001
NE+6.80	8	DER3	-0.0083	-0.0035	-0.0004	0.0003	-0.0005	-0.0003
NE+6.80	8	DER4	-0.0083	0.0022	-0.0004	-0.0002	-0.0005	-0.0002
NE+6.80	8	DER5	0.0025	0.0087	-0.0004	-0.0007	0.0002	0.0000
NE+6.80	8	DER6	-0.0025	0.0088	-0.0004	-0.0007	-0.0001	-0.0001
NE+6.80	8	DER7	-0.0025	-0.0103	-0.0004	0.0008	-0.0001	-0.0003
NE+6.80	8	DER8	0.0025	-0.0104	-0.0004	0.0008	0.0002	-0.0002
NE+6.80	8	DER9	0.0083	0.0020	-0.0003	-0.0001	0.0006	0.0000
NE+6.80	8	DER10	0.0083	-0.0037	-0.0003	0.0003	0.0006	0.0000
NE+6.80	8	DER11	-0.0083	-0.0034	-0.0003	0.0003	-0.0005	-0.0002
NE+6.80	8	DER12	-0.0083	0.0024	-0.0003	-0.0002	-0.0005	-0.0002
NE+6.80	8	DER13	0.0025	0.0088	-0.0003	-0.0007	0.0002	0.0000
NE+6.80	8	DER14	-0.0025	0.0089	-0.0003	-0.0007	-0.0001	0.0000
NE+6.80	8	DER15	-0.0025	-0.0102	-0.0003	0.0008	-0.0001	-0.0002
NE+6.80	8	DER16	0.0025	-0.0103	-0.0003	0.0008	0.0002	-0.0002
NE+6.80	9	DER1	0.0083	0.0015	-0.0003	-0.0001	0.0005	0.0000
NE+6.80	9	DER2	0.0083	-0.0045	-0.0003	0.0004	0.0005	0.0000
NE+6.80	9	DER3	-0.0083	-0.0047	-0.0004	0.0004	-0.0006	-0.0003
NE+6.80	9	DER4	-0.0083	0.0013	-0.0004	-0.0001	-0.0006	-0.0002
NE+6.80	9	DER5	0.0025	0.0084	-0.0004	-0.0007	0.0001	0.0000
NE+6.80	9	DER6	-0.0025	0.0083	-0.0004	-0.0006	-0.0002	-0.0001
NE+6.80	9	DER7	-0.0025	-0.0116	-0.0004	0.0009	-0.0002	-0.0002
NE+6.80	9	DER8	0.0025	-0.0115	-0.0003	0.0009	0.0001	-0.0002
NE+6.80	9	DER9	0.0083	0.0018	-0.0003	-0.0002	0.0005	0.0000
NE+6.80	9	DER10	0.0083	-0.0042	-0.0003	0.0003	0.0005	0.0000
NE+6.80	9	DER11	-0.0083	-0.0044	-0.0003	0.0003	-0.0006	-0.0002
NE+6.80	9	DER12	-0.0083	0.0016	-0.0003	-0.0001	-0.0006	-0.0002
NE+6.80	9	DER13	0.0025	0.0087	-0.0003	-0.0007	0.0001	0.0000
NE+6.80	9	DER14	-0.0025	0.0086	-0.0003	-0.0007	-0.0002	-0.0001
NE+6.80	9	DER15	-0.0025	-0.0113	-0.0003	0.0009	-0.0002	-0.0002
NE+6.80	9	DER16	0.0025	-0.0112	-0.0003	0.0009	0.0001	-0.0001
NE+6.80	10	DER1	0.0083	0.0014	-0.0003	-0.0001	0.0008	0.0000
NE+6.80	10	DER2	0.0083	-0.0046	-0.0003	0.0004	0.0008	0.0000
NE+6.80	10	DER3	-0.0083	-0.0056	-0.0002	0.0005	-0.0005	-0.0002
NE+6.80	10	DER4	-0.0083	0.0005	-0.0002	0.0000	-0.0005	-0.0002
NE+6.80	10	DER5	0.0025	0.0082	-0.0003	-0.0007	0.0003	0.0000
NE+6.80	10	DER6	-0.0025	0.0079	-0.0003	-0.0006	-0.0001	-0.0001
NE+6.80	10	DER7	-0.0025	-0.0123	-0.0003	0.0010	-0.0001	-0.0002
NE+6.80	10	DER8	0.0025	-0.0120	-0.0003	0.0010	0.0003	-0.0001
NE+6.80	10	DER9	0.0083	0.0018	-0.0003	-0.0002	0.0008	0.0001
NE+6.80	10	DER10	0.0083	-0.0042	-0.0003	0.0003	0.0008	0.0000
NE+6.80	10	DER11	-0.0083	-0.0052	-0.0002	0.0004	-0.0006	-0.0002
NE+6.80	10	DER12	-0.0083	0.0009	-0.0002	-0.0001	-0.0006	-0.0002
NE+6.80	10	DER13	0.0025	0.0086	-0.0002	-0.0007	0.0003	0.0000
NE+6.80	10	DER14	-0.0025	0.0083	-0.0002	-0.0007	-0.0001	-0.0001
NE+6.80	10	DER15	-0.0025	-0.0119	-0.0002	0.0010	-0.0001	-0.0001
NE+6.80	10	DER16	0.0025	-0.0116	-0.0002	0.0009	0.0003	-0.0001

NE+6.80	12	DER15	-0.0018	-0.0093	-0.0001	0.0013	-0.0001	-0.0002
NE+6.80	12	DER16	0.0028	-0.0096	-0.0001	0.0013	0.0003	-0.0001
NE+6.80	13	DER1	0.0080	0.0019	-0.0003	0.0002	0.0006	0.0000
NE+6.80	13	DER2	0.0081	-0.0039	-0.0003	0.0007	0.0006	-0.0001
NE+6.80	13	DER3	-0.0073	-0.0035	-0.0002	0.0007	-0.0005	-0.0003
NE+6.80	13	DER4	-0.0074	0.0022	-0.0003	0.0001	-0.0005	-0.0002
NE+6.80	13	DER5	0.0025	0.0087	-0.0003	-0.0005	0.0002	0.0000
NE+6.80	13	DER6	-0.0022	0.0088	-0.0003	-0.0005	-0.0001	-0.0001
NE+6.80	13	DER7	-0.0018	-0.0103	-0.0002	0.0013	-0.0001	-0.0003
NE+6.80	13	DER8	0.0029	-0.0104	-0.0002	0.0013	0.0002	-0.0002
NE+6.80	13	DER9	0.0079	0.0020	-0.0002	0.0000	0.0006	0.0000
NE+6.80	13	DER10	0.0081	-0.0037	-0.0002	0.0006	0.0006	-0.0001
NE+6.80	13	DER11	-0.0074	-0.0034	-0.0002	0.0005	-0.0005	-0.0002
NE+6.80	13	DER12	-0.0075	0.0024	-0.0002	0.0000	-0.0005	-0.0002
NE+6.80	13	DER13	0.0024	0.0088	-0.0003	-0.0006	0.0002	0.0000
NE+6.80	13	DER14	-0.0023	0.0089	-0.0003	-0.0006	-0.0001	0.0000
NE+6.80	13	DER15	-0.0018	-0.0102	-0.0002	0.0012	-0.0001	-0.0003
NE+6.80	13	DER16	0.0028	-0.0103	-0.0002	0.0012	0.0002	-0.0002
NE+6.80	14	DER1	0.0080	0.0015	-0.0003	0.0003	0.0005	0.0000
NE+6.80	14	DER2	0.0081	-0.0045	-0.0002	0.0009	0.0005	-0.0001
NE+6.80	14	DER3	-0.0073	-0.0047	-0.0002	0.0009	-0.0005	-0.0003
NE+6.80	14	DER4	-0.0074	0.0013	-0.0003	0.0003	-0.0005	-0.0002
NE+6.80	14	DER5	0.0024	0.0084	-0.0003	-0.0004	0.0002	-0.0001
NE+6.80	14	DER6	-0.0022	0.0083	-0.0003	-0.0004	-0.0002	-0.0001
NE+6.80	14	DER7	-0.0018	-0.0116	-0.0002	0.0016	-0.0001	-0.0003
NE+6.80	14	DER8	0.0029	-0.0115	-0.0002	0.0016	0.0002	-0.0002
NE+6.80	14	DER9	0.0079	0.0018	-0.0002	0.0002	0.0005	0.0000
NE+6.80	14	DER10	0.0080	-0.0042	-0.0002	0.0007	0.0005	0.0000
NE+6.80	14	DER11	-0.0074	-0.0044	-0.0002	0.0008	-0.0005	-0.0003
NE+6.80	14	DER12	-0.0075	0.0016	-0.0002	0.0002	-0.0005	-0.0002
NE+6.80	14	DER13	0.0024	0.0087	-0.0002	-0.0005	0.0002	0.0000
NE+6.80	14	DER14	-0.0023	0.0086	-0.0003	-0.0005	-0.0002	-0.0001
NE+6.80	14	DER15	-0.0018	-0.0113	-0.0002	0.0014	-0.0001	-0.0002
NE+6.80	14	DER16	0.0028	-0.0112	-0.0002	0.0014	0.0002	-0.0002
NE+6.80	15	DER1	0.0080	0.0014	-0.0002	0.0004	0.0006	0.0000
NE+6.80	15	DER2	0.0081	-0.0046	-0.0002	0.0010	0.0007	0.0000
NE+6.80	15	DER3	-0.0073	-0.0056	-0.0001	0.0011	-0.0007	-0.0002
NE+6.80	15	DER4	-0.0074	0.0005	-0.0001	0.0005	-0.0007	-0.0002
NE+6.80	15	DER5	0.0024	0.0081	-0.0002	-0.0003	0.0002	0.0000
NE+6.80	15	DER6	-0.0022	0.0079	-0.0002	-0.0003	-0.0002	-0.0001
NE+6.80	15	DER7	-0.0018	-0.0123	-0.0001	0.0018	-0.0002	-0.0002
NE+6.80	15	DER8	0.0029	-0.0120	-0.0002	0.0018	0.0002	-0.0001
NE+6.80	15	DER9	0.0079	0.0018	-0.0002	0.0003	0.0006	0.0001
NE+6.80	15	DER10	0.0080	-0.0042	-0.0002	0.0009	0.0006	0.0000
NE+6.80	15	DER11	-0.0074	-0.0052	-0.0001	0.0010	-0.0007	-0.0002
NE+6.80	15	DER12	-0.0075	0.0009	-0.0001	0.0004	-0.0007	-0.0002
NE+6.80	15	DER13	0.0024	0.0086	-0.0002	-0.0004	0.0001	0.0000
NE+6.80	15	DER14	-0.0023	0.0083	-0.0002	-0.0004	-0.0003	-0.0001
NE+6.80	15	DER15	-0.0018	-0.0119	-0.0001	0.0017	-0.0002	-0.0001
NE+6.80	15	DER16	0.0028	-0.0116	-0.0001	0.0017	0.0002	-0.0001
NE+3.45	3	DER1	0.0047	0.0011	-0.0001	-0.0005	0.0014	0.0000
NE+3.45	3	DER2	0.0046	-0.0018	-0.0001	0.0003	0.0014	0.0000
NE+3.45	3	DER3	-0.0050	-0.0014	-0.0002	0.0001	-0.0007	-0.0001
NE+3.45	3	DER4	-0.0049	0.0015	-0.0002	-0.0006	-0.0007	0.0000
NE+3.45	3	DER5	0.0014	0.0045	-0.0001	-0.0013	0.0007	0.0000
NE+3.45	3	DER6	-0.0015	0.0047	-0.0001	-0.0014	0.0001	0.0000
NE+3.45	3	DER7	-0.0017	-0.0048	-0.0002	0.0010	0.0000	-0.0001
NE+3.45	3	DER8	0.0012	-0.0050	-0.0001	0.0010	0.0007	-0.0001
NE+3.45	3	DER9	0.0047	0.0011	-0.0001	-0.0005	0.0014	0.0000
NE+3.45	3	DER10	0.0047	-0.0017	-0.0001	0.0002	0.0014	0.0000
NE+3.45	3	DER11	-0.0050	-0.0013	-0.0002	0.0001	-0.0008	-0.0001
NE+3.45	3	DER12	-0.0049	0.0015	-0.0001	-0.0006	-0.0008	0.0000
NE+3.45	3	DER13	0.0014	0.0046	-0.0001	-0.0013	0.0006	0.0000
NE+3.45	3	DER14	-0.0015	0.0047	-0.0001	-0.0014	0.0000	0.0000
NE+3.45	3	DER15	-0.0017	-0.0048	-0.0002	0.0010	-0.0001	-0.0001
NE+3.45	3	DER16	0.0012	-0.0049	-0.0001	0.0010	0.0006	-0.0001
NE+3.45	4	DER1	0.0047	0.0012	-0.0002	-0.0005	0.0006	0.0000
NE+3.45	4	DER2	0.0046	-0.0019	-0.0002	0.0003	0.0006	0.0000
NE+3.45	4	DER3	-0.0050	-0.0018	-0.0002	0.0002	-0.0008	-0.0001
NE+3.45	4	DER4	-0.0049	0.0013	-0.0002	-0.0005	-0.0008	0.0000
NE+3.45	4	DER5	0.0014	0.0048	-0.0002	-0.0014	0.0002	0.0000
NE+3.45	4	DER6	-0.0015	0.0049	-0.0002	-0.0014	-0.0003	0.0000
NE+3.45	4	DER7	-0.0017	-0.0054	-0.0002	0.0011	-0.0003	-0.0001
NE+3.45	4	DER8	0.0012	-0.0055	-0.0002	0.0011	0.0001	-0.0001
NE+3.45	4	DER9	0.0047	0.0012	-0.0002	-0.0005	0.0007	0.0000
NE+3.45	4	DER10	0.0047	-0.0018	-0.0002	0.0002	0.0007	0.0000
NE+3.45	4	DER11	-0.0050	-0.0017	-0.0002	0.0002	-0.0008	-0.0001
NE+3.45	4	DER12	-0.0049	0.0014	-0.0002	-0.0005	-0.0008	0.0000
NE+3.45	4	DER13	0.0014	0.0049	-0.0002	-0.0014	0.0002	0.0001
NE+3.45	4	DER14	-0.0015	0.0049	-0.0002	-0.0014	-0.0003	0.0000
NE+3.45	4	DER15	-0.0017	-0.0053	-0.0002	0.0011	-0.0003	-0.0001
NE+3.45	4	DER16	0.0012	-0.0054	-0.0002	0.0011	0.0001	-0.0001
NE+3.45	5	DER1	0.0047	0.0013	-0.0003	-0.0001	0.0009	0.0000
NE+3.45	5	DER2	0.0046	-0.0019	-0.0003	0.0007	0.0009	0.0000
NE+3.45	5	DER3	-0.0050	-0.0020	-0.0003	0.0008	-0.0006	-0.0001
NE+3.45	5	DER4	-0.0049	0.0012	-0.0003	0.0000	-0.0005	-0.0001
NE+3.45	5	DER5	0.0014	0.0050	-0.0003	-0.0010	0.0004	0.0000
NE+3.45	5	DER6	-0.0015	0.0049	-0.0003	-0.0009	0.0000	-0.0001
NE+3.45	5	DER7	-0.0017	-0.0057	-0.0003	0.0016	-0.0001	-0.0001
NE+3.45	5	DER8	0.0012	-0.0057	-0.0003	0.0016	0.0004	0.0000
NE+3.45	5	DER9	0.0047	0.0014	-0.0002	-0.0003	0.0008	0.0000
NE+3.45	5	DER10	0.0047	-0.0018	-0.0002	0.0005	0.0008	0.0000
NE+3.45	5	DER11	-0.0050	-0.0019	-0.0003	0.0005	-0.0006	-0.0001
NE+3.45	5	DER12	-0.0049	0.0013	-0.0002	-0.0003	-0.0006	-0.0001
NE+3.45	5	DER13	0.0014	0.0051	-0.0002	-0.0012	0.0003	0.0000
NE+3.45	5	DER14	-0.0015	0.0051	-0.0002	-0.0012	-0.0001	0.0000
NE+3.45	5	DER15	-0.0017	-0.0056	-0.0003	0.0014	-0.0002	0.0000
NE+3.45	5	DER16	0.0012	-0.0055	-0.0003	0.0014	0.0003	0.0000
NE+3.45	6	DER1	0.0047	0.0013	-0.0002	0.0000	0.0005	0.0000
NE+3.45	6	DER2	0.0046	-0.0018	-0.0003	0.0008	0.0005	0.0000
NE+3.45	6	DER3	-0.0050	-0.0023	-0.0002	0.0009	-0.0017	-0.0001
NE+3.45	6	DER4	-0.0049	0.0008	-0.0002	0.0001	-0.0017	-0.0001
NE+3.45	6	DER5	0.0014	0.0048	-0.0002	-0.0009	-0.0003	0.0000
NE+3.45	6	DER6	-0.0015	0.0046	-0.0002	-0.0009	-0.0009	-0.0001
NE+3.45	6	DER7	-0.0017	-0.0058	-0.0002	0.0017	-0.0009	-0.0001
NE+3.45	6	DER8	0.0012	-0.0056	-0.0002	0.0017	-0.0003	0.0000
NE+3.45	6	DER9	0.0047	0.0015	-0.0002	-0.0003	0.0007	0.0000
NE+3.45	6	DER10	0.0047	-0.0017	-0.0002	0.0005	0.0006	0.0000
NE+3.45	6	DER11	-0.0050	-0.0021	-0.0002	0.0006	-0.0015	-0.0001
NE+3.45	6	DER12	-0.0049	0.0010	-0.0001	-0.0002	-0.0015	-0.0001
NE+3.45	6	DER13	0.0014	0.0049	-0.0002	-0.0012	-0.0001	0.0000
NE+3.45	6	DER14	-0.0015	0.0048	-0.0002	-0.0011	-0.0007	-0.0001
NE+3.45	6	DER15	-0.0017	-0.0056	-0.0002	0.0015	-0.0008	0.0000
NE+3.45	6	DER16	0.0012	-0.0055	-0.0002	0.0014	-0.0001	0.0000

NE+3.45	7	DER15	-0.0014	-0.0048	-0.0002	0.0008	0.0002	-0.0001
NE+3.45	7	DER16	0.0014	-0.0049	-0.0002	0.0008	0.0008	-0.0001
NE+3.45	8	DER1	0.0048	0.0012	-0.0003	-0.0002	0.0006	0.0000
NE+3.45	8	DER2	0.0048	-0.0019	-0.0003	0.0003	0.0006	0.0000
NE+3.45	8	DER3	-0.0048	-0.0018	-0.0003	0.0003	-0.0008	-0.0001
NE+3.45	8	DER4	-0.0048	0.0013	-0.0003	-0.0002	-0.0008	-0.0001
NE+3.45	8	DER5	0.0014	0.0048	-0.0003	-0.0008	0.0001	0.0000
NE+3.45	8	DER6	-0.0014	0.0049	-0.0003	-0.0008	-0.0003	0.0000
NE+3.45	8	DER7	-0.0014	-0.0054	-0.0003	0.0009	-0.0003	-0.0001
NE+3.45	8	DER8	0.0014	-0.0055	-0.0003	0.0009	0.0001	-0.0001
NE+3.45	8	DER9	0.0048	0.0013	-0.0003	-0.0002	0.0006	0.0000
NE+3.45	8	DER10	0.0048	-0.0018	-0.0003	0.0003	0.0006	0.0000
NE+3.45	8	DER11	-0.0048	-0.0017	-0.0003	0.0003	-0.0007	-0.0001
NE+3.45	8	DER12	-0.0048	0.0014	-0.0003	-0.0002	-0.0007	-0.0001
NE+3.45	8	DER13	0.0014	0.0049	-0.0003	-0.0008	0.0001	0.0000
NE+3.45	8	DER14	-0.0014	0.0050	-0.0003	-0.0008	-0.0003	0.0000
NE+3.45	8	DER15	-0.0014	-0.0053	-0.0003	0.0009	-0.0003	-0.0001
NE+3.45	8	DER16	0.0014	-0.0054	-0.0003	0.0009	0.0001	-0.0001
NE+3.45	9	DER1	0.0048	0.0013	-0.0003	-0.0002	0.0007	0.0000
NE+3.45	9	DER2	0.0048	-0.0019	-0.0003	0.0004	0.0007	0.0000
NE+3.45	9	DER3	-0.0048	-0.0020	-0.0003	0.0004	-0.0006	-0.0001
NE+3.45	9	DER4	-0.0048	0.0012	-0.0003	-0.0002	-0.0006	-0.0001
NE+3.45	9	DER5	0.0014	0.0050	-0.0003	-0.0008	0.0003	0.0000
NE+3.45	9	DER6	-0.0014	0.0049	-0.0003	-0.0008	-0.0001	0.0000
NE+3.45	9	DER7	-0.0014	-0.0057	-0.0003	0.0010	-0.0001	-0.0001
NE+3.45	9	DER8	0.0014	-0.0057	-0.0003	0.0010	0.0003	0.0000
NE+3.45	9	DER9	0.0048	0.0014	-0.0003	-0.0002	0.0007	0.0000
NE+3.45	9	DER10	0.0048	-0.0018	-0.0003	0.0003	0.0007	0.0000
NE+3.45	9	DER11	-0.0048	-0.0019	-0.0003	0.0004	-0.0006	-0.0001
NE+3.45	9	DER12	-0.0048	0.0013	-0.0003	-0.0002	-0.0006	-0.0001
NE+3.45	9	DER13	0.0014	0.0051	-0.0003	-0.0008	0.0003	0.0000
NE+3.45	9	DER14	-0.0014	0.0051	-0.0003	-0.0008	-0.0002	0.0000
NE+3.45	9	DER15	-0.0014	-0.0056	-0.0003	0.0010	-0.0002	-0.0001
NE+3.45	9	DER16	0.0014	-0.0056	-0.0003	0.0010	0.0003	0.0000
NE+3.45	10	DER1	0.0048	0.0013	-0.0002	-0.0002	0.0004	0.0000
NE+3.45	10	DER2	0.0048	-0.0018	-0.0002	0.0004	0.0004	0.0000
NE+3.45	10	DER3	-0.0048	-0.0023	-0.0002	0.0004	-0.0017	-0.0001
NE+3.45	10	DER4	-0.0048	0.0008	-0.0002	-0.0001	-0.0017	-0.0001
NE+3.45	10	DER5	0.0014	0.0048	-0.0002	-0.0008	-0.0003	0.0000
NE+3.45	10	DER6	-0.0014	0.0046	-0.0002	-0.0007	-0.0009	-0.0001
NE+3.45	10	DER7	-0.0014	-0.0058	-0.0002	0.0010	-0.0009	-0.0001
NE+3.45	10	DER8	0.0014	-0.0056	-0.0002	0.0010	-0.0003	0.0000
NE+3.45	10	DER9	0.0048	0.0014	-0.0002	-0.0002	0.0005	0.0000
NE+3.45	10	DER10	0.0048	-0.0017	-0.0002	0.0003	0.0005	0.0000
NE+3.45	10	DER11	-0.0048	-0.0021	-0.0002	0.0004	-0.0015	-0.0001
NE+3.45	10	DER12	-0.0048	0.0010	-0.0002	-0.0001	-0.0015	-0.0001
NE+3.45	10	DER13	0.0014	0.0049	-0.0002	-0.0008	-0.0002	0.0000
NE+3.45	10	DER14	-0.0014	0.0048	-0.0002	-0.0007	-0.0008	0.0000
NE+3.45	10	DER15	-0.0014	-0.0056	-0.0002	0.0010	-0.0008	-0.0001
NE+3.45	10	DER16	0.0014	-0.0055	-0.0002	0.0010	-0.0002	0.0000
NE+3.45	12	DER1	0.0044	0.0011	-0.0001	0.0000	0.0014	0.0001
NE+3.45	12	DER2	0.0045	-0.0018	-0.0001	0.0007	0.0014	0.0000
NE+3.45	12	DER3	-0.0041	-0.0014	-0.0002	0.0006	-0.0005	-0.0001
NE+3.45	12	DER4	-0.0042	0.0015	-0.0002	-0.0002	-0.0005	-0.0001
NE+3.45	12	DER5	0.0013	0.0046	-0.0001	-0.0009	0.0007	0.0001
NE+3.45	12	DER6	-0.0012	0.0047	-0.0002	-0.0010	0.0001	0.0000
NE+3.45	12	DER7	-0.0010	-0.0048	-0.0001	0.0014	0.0002	-0.0001
NE+3.45	12	DER8	0.0015	-0.0050	-0.0001	0.0015	0.0008	-0.0001
NE+3.45	12	DER9	0.0044	0.0011	-0.0001	0.0000	0.0013	0.0001
NE+3.45	12	DER10	0.0044	-0.0017	-0.0001	0.0007	0.0013	0.0000
NE+3.45	12	DER11	-0.0041	-0.0013	-0.0001	0.0006	-0.0006	-0.0001
NE+3.45	12	DER12	-0.0042	0.0015	-0.0002	-0.0002	-0.0006	-0.0001
NE+3.45	12	DER13	0.0013	0.0046	-0.0001	-0.0009	0.0006	0.0001
NE+3.45	12	DER14	-0.0013	0.0047	-0.0002	-0.0010	0.0000	0.0000
NE+3.45	12	DER15	-0.0011	-0.0048	-0.0001	0.0014	0.0001	-0.0001
NE+3.45	12	DER16	0.0015	-0.0049	-0.0001	0.0015	0.0007	-0.0001
NE+3.45	13	DER1	0.0044	0.0012	-0.0002	0.0000	0.0006	0.0000
NE+3.45	13	DER2	0.0045	-0.0019	-0.0002	0.0007	0.0006	0.0000
NE+3.45	13	DER3	-0.0041	-0.0017	-0.0002	0.0007	-0.0006	-0.0001
NE+3.45	13	DER4	-0.0042	0.0013	-0.0002	-0.0001	-0.0007	-0.0001
NE+3.45	13	DER5	0.0013	0.0048	-0.0002	-0.0009	0.0002	0.0001
NE+3.45	13	DER6	-0.0012	0.0049	-0.0002	-0.0009	-0.0002	0.0000
NE+3.45	13	DER7	-0.0010	-0.0054	-0.0002	0.0016	-0.0002	-0.0001
NE+3.45	13	DER8	0.0015	-0.0054	-0.0002	0.0016	0.0002	-0.0001
NE+3.45	13	DER9	0.0044	0.0013	-0.0002	0.0000	0.0006	0.0001
NE+3.45	13	DER10	0.0044	-0.0018	-0.0002	0.0007	0.0006	0.0000
NE+3.45	13	DER11	-0.0041	-0.0017	-0.0002	0.0007	-0.0006	-0.0001
NE+3.45	13	DER12	-0.0042	0.0014	-0.0002	-0.0001	-0.0007	-0.0001
NE+3.45	13	DER13	0.0013	0.0049	-0.0002	-0.0009	0.0002	0.0001
NE+3.45	13	DER14	-0.0013	0.0050	-0.0002	-0.0009	-0.0002	0.0000
NE+3.45	13	DER15	-0.0011	-0.0053	-0.0002	0.0016	-0.0002	-0.0001
NE+3.45	13	DER16	0.0015	-0.0054	-0.0002	0.0016	0.0002	-0.0001
NE+3.45	14	DER1	0.0044	0.0013	-0.0002	0.0000	0.0007	0.0000
NE+3.45	14	DER2	0.0045	-0.0019	-0.0002	0.0008	0.0007	0.0000
NE+3.45	14	DER3	-0.0041	-0.0020	-0.0002	0.0008	-0.0006	-0.0001
NE+3.45	14	DER4	-0.0042	0.0012	-0.0002	0.0000	-0.0006	-0.0001
NE+3.45	14	DER5	0.0013	0.0050	-0.0002	-0.0009	0.0002	0.0000
NE+3.45	14	DER6	-0.0012	0.0049	-0.0002	-0.0009	-0.0001	0.0000
NE+3.45	14	DER7	-0.0010	-0.0057	-0.0002	0.0017	-0.0001	-0.0001
NE+3.45	14	DER8	0.0015	-0.0057	-0.0002	0.0017	0.0003	0.0000
NE+3.45	14	DER9	0.0044	0.0014	-0.0002	0.0000	0.0007	0.0000
NE+3.45	14	DER10	0.0044	-0.0018	-0.0002	0.0008	0.0007	0.0000
NE+3.45	14	DER11	-0.0041	-0.0019	-0.0002	0.0008	-0.0006	-0.0001
NE+3.45	14	DER12	-0.0042	0.0013	-0.0002	0.0000	-0.0006	-0.0001
NE+3.45	14	DER13	0.0013	0.0051	-0.0002	-0.0009	0.0002	0.0000
NE+3.45	14	DER14	-0.0013	0.0051	-0.0002	-0.0009	-0.0002	0.0000
NE+3.45	14	DER15	-0.0011	-0.0056	-0.0002	0.0017	-0.0001	-0.0001
NE+3.45	14	DER16	0.0015	-0.0056	-0.0002	0.0017	0.0003	0.0000
NE+3.45	15	DER1	0.0044	0.0013	-0.0002	0.0000	0.0006	0.0000
NE+3.45	15	DER2	0.0045	-0.0018	-0.0002	0.0008	0.0006	0.0001
NE+3.45	15	DER3	-0.0041	-0.0023	-0.0001	0.0009	-0.0013	-0.0001
NE+3.45	15	DER4	-0.0042	0.0008	-0.0001	0.0001	-0.0013	-0.0001
NE+3.45	15	DER5	0.0013	0.0048	-0.0002	-0.0009	-0.0001	0.0000
NE+3.45	15	DER6	-0.0012	0.0046	-0.0001	-0.0008	-0.0007	-0.0001
NE+3.45	15	DER7	-0.0010	-0.0058	-0.0001	0.0018	-0.0006	-0.0001
NE+3.45	15	DER8	0.0015	-0.0056	-0.0001	0.0018	0.0000	0.0000
NE+3.45	15	DER9	0.0044	0.0014	-0.0002	0.0000	0.0007	0.0001
NE+3.45	15	DER10	0.0044	-0.0017	-0.0001	0.0008	0.0007	0.0001
NE+3.45	15	DER11	-0.0041	-0.0021	-0.0001	0.0009	-0.0012	-0.0001
NE+3.45	15	DER12	-0.0042	0.0010	-0.0001	0.0001	-0.0012	-0.0001
NE+3.45	15	DER13	0.0013	0.0049	-0.0001	-0.0009	0.0000	0.0000
NE+3.45	15	DER14	-0.0013	0.0048	-0.0001	-0.0009	-0.0006	-0.0001
NE+3.45	15	DER15	-0.0011	-0.0056	-0.0001	0.0018	-0.0005	0.0000
NE+3.45	15	DER16	0.0015	-0.0055	-0.0001	0.0017	0.0000	0.0000

2.5 VERIFICACIÓN TORSIÓN ACCIDENTAL

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO X)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	3	0.01410	12	0.01265	0.01410	0.01605	NO TORSION
NE+3.45	3	0.01389	12	0.01086	0.01389	0.01485	NO TORSION

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO Y)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	3	0.01518	12	0.01526	0.01526	0.01826	NO TORSION
NE+3.45	3	0.01647	12	0.01655	0.01655	0.01981	NO TORSION

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO X)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	6	0.01508	15	0.01292	0.01508	0.01680	NO TORSION
NE+3.45	6	0.01272	15	0.01105	0.01272	0.01426	NO TORSION

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO Y)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	6	0.01799	15	0.01759	0.01799	0.02135	NO TORSION
NE+3.45	6	0.01762	15	0.01769	0.01769	0.02119	NO TORSION

3 DISEÑO DE LA ESTRUCTURA

3.1 DISEÑO DE VIGAS Y COLUMNAS

Story	Label	Design Sect	Station m	AsTopComb o	AsMinTop cm²	AsTop cm²	AsBot Combo	AsMinBot cm²	AsBot cm²	VCombo	VRebar cm²/m	TLng Combo	TLngRebar cm²	TTrn Combo	TTrnRebar cm²/m	WarnMsg	ErrMsg
NE+6.80	B1	V12X35	0.000	COMB5	0.400	0.400	COMB5	0.200	0.200	COMB18	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B1	V12X35	1.675	COMB4	0.100	0.100	COMB2	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B1	V12X35	3.350	COMB3	0.400	0.400	COMB4	0.200	0.200	COMB18	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B2	V30X35	0.000	COMB10	0.100	0.100	COMB10	0.100	0.100	COMB10	5.000	COMB14	3.600	COMB5	1.100	No Message	No Message
NE+6.80	B2	V30X35	0.738	COMB1	1.700	1.700	COMB9	1.000	1.000	COMB10	5.600	COMB14	3.600	COMB5	1.100	No Message	No Message
NE+6.80	B2	V30X35	1.475	COMB10	3.100	3.100	COMB1	2.000	2.000	COMB10	6.100	COMB14	3.600	COMB5	1.100	No Message	No Message
NE+6.80	B3	V30X35	0.000	COMB17	0.100	0.100	COMB9	0.100	0.100	COMB10	5.000	COMB12	3.600	COMB3	1.200	No Message	No Message
NE+6.80	B3	V30X35	0.738	COMB1	1.700	1.700	COMB1	1.000	1.000	COMB10	5.600	COMB12	3.600	COMB3	1.200	No Message	No Message
NE+6.80	B3	V30X35	1.475	COMB10	3.100	3.100	COMB1	2.000	2.000	COMB10	6.100	COMB12	3.600	COMB3	1.200	No Message	No Message
NE+6.80	B4	V30X35	0.175	COMB5	2.400	2.400	COMB11	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B4	V30X35	1.700	COMB5	0.400	0.400	COMB5	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B4	V30X35	3.225	COMB3	2.200	2.200	COMB13	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B5	V30X35	0.175	COMB5	2.000	2.000	COMB11	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B5	V30X35	1.700	COMB12	0.500	0.500	COMB4	0.500	0.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B5	V30X35	3.225	COMB3	2.100	2.100	COMB13	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B6	V30X35	0.175	COMB5	2.000	2.000	COMB11	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B6	V30X35	1.675	COMB11	0.500	0.500	COMB11	0.500	0.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B6	V30X35	3.175	COMB3	2.300	2.300	COMB13	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B7	V30X35	0.175	COMB10	2.800	2.800	COMB16	1.100	1.100	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B7	V30X35	2.075	COMB10	0.500	0.500	COMB2	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B7	V30X35	3.975	COMB8	2.900	2.900	COMB8	0.900	0.900	COMB8	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B8	V30X35	0.175	COMB10	2.800	2.800	COMB16	1.100	1.100	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B8	V30X35	2.075	COMB10	0.500	0.500	COMB2	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B8	V30X35	3.975	COMB8	2.500	2.500	COMB18	1.200	1.200	COMB8	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B9	V30X35	0.175	COMB9	3.100	3.200	COMB10	1.600	1.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B9	V30X35	2.075	COMB10	1.000	1.000	COMB10	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B9	V30X35	3.975	COMB7	2.200	2.200	COMB18	1.900	1.900	COMB8	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B10	V30X35	0.175	COMB9	3.100	3.500	COMB9	1.700	1.700	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B10	V30X35	2.075	COMB9	1.100	1.100	COMB9	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B10	V30X35	3.975	COMB7	2.500	2.500	COMB17	1.700	1.700	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B11	V30X35	0.175	COMB6	2.000	2.000	COMB12	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B11	V30X35	1.700	COMB14	0.400	0.400	COMB14	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B11	V30X35	3.225	COMB12	1.400	1.400	COMB14	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B12	V30X35	0.175	COMB6	1.500	1.500	COMB11	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B12	V30X35	1.700	COMB14	0.300	0.300	COMB14	0.300	0.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B12	V30X35	3.225	COMB3	1.500	1.500	COMB14	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B13	V30X35	0.175	COMB13	1.500	1.500	COMB12	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B13	V30X35	1.675	COMB12	0.400	0.400	COMB12	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B13	V30X35	3.175	COMB4	2.000	2.000	COMB13	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B14	V30X35	0.175	COMB10	3.100	3.100	COMB10	0.900	0.900	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B14	V30X35	2.160	COMB8	0.500	0.500	COMB2	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B14	V30X35	4.145	COMB8	2.700	2.700	COMB18	1.000	1.000	COMB8	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B15	V30X35	0.175	COMB10	2.800	2.800	COMB16	0.900	0.900	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B15	V30X35	2.160	COMB8	0.400	0.400	COMB2	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B15	V30X35	4.145	COMB8	2.400	2.400	COMB18	1.200	1.200	COMB8	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B16	V30X35	0.175	COMB9	3.100	3.100	COMB10	1.000	1.000	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B16	V30X35	2.160	COMB10	0.500	0.500	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B16	V30X35	4.145	COMB7	2.400	2.400	COMB17	1.500	1.500	COMB8	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B17	V30X35	0.175	COMB10	3.100	3.100	COMB9	1.200	1.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B17	V30X35	2.160	COMB9	0.700	0.700	COMB2	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B17	V30X35	4.145	COMB7	2.600	2.600	COMB17	1.600	1.600	COMB8	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B18	V30X35	0.175	COMB6	2.100	2.100	COMB12	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B18	V30X35	1.700	COMB14	0.400	0.400	COMB1	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B18	V30X35	3.225	COMB4	2.000	2.000	COMB14	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B19	V30X35	0.175	COMB6	1.800	1.800	COMB12	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B19	V30X35	1.700	COMB14	0.300	0.300	COMB1	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B19	V30X35	3.225	COMB4	1.900	1.900	COMB14	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B20	V30X35	0.175	COMB6	1.800	1.800	COMB12	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B20	V30X35	1.675	COMB4	0.400	0.400	COMB4	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B20	V30X35	3.175	COMB4	2.200	2.200	COMB14	1.100	1.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+3.45	B1	V12X35	0.000	COMB5	0.600	0.600	COMB5	0.300	0.300	COMB10	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B1	V12X35	1.675	COMB4	0.100	0.100	COMB2	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B1	V12X35	3.350	COMB3	0.500	0.500	COMB4	0.300	0.300	COMB10	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B2	V30X45	0.000	COMB10	0.034	0.034	COMB10	0.034	0.034	COMB10	4.800	COMB9	4.700	COMB5	1.200	No Message	No Message
NE+3.45	B2	V30X45	0.738	COMB2	1.400	1.400	COMB2	0.800	0.800	COMB10	5.200	COMB9	4.700	COMB5	1.200	No Message	No Message
NE+3.45	B2	V30X45	1.475	COMB2	3.200	3.200	COMB2	1.600	1.600	COMB10	5.600	COMB9	4.700	COMB5	1.200	No Message	No Message
NE+3.45	B3	V30X45	0.000	COMB17	0.037	0.037	COMB9	0.037	0.037	COMB10	4.700	COMB7	4.700	COMB3	1.200	No Message	No Message
NE+3.45	B3	V30X45	0.738	COMB2	1.400	1.400	COMB2	0.800	0.800	COMB10	5.100	COMB7	4.700	COMB3	1.200	No Message	No Message
NE+3.45	B3	V30X45	1.475	COMB2	3.200	3.200	COMB2	1.600	1.600	COMB10	5.500	COMB7	4.700	COMB3	1.200	No Message	No Message
NE+3.45	B4	V30X45	0.175	COMB14	4.100	4.100	COMB11	3.300	3.300	COMB17	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B4	V30X45	1.700	COMB3	1.200	1.200	COMB4	1.900	1.900	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B4	V30X45	3.225	COMB3	4.100	4.100	COMB13	2.100	2.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B5	V30X45	0.175	COMB14	4.100	4.100	COMB11	1.900	1.900	COMB17	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B5	V30X45	1.700	COMB4	1.100	1.100	COMB2	1.500	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B5	V30X45	3.225	COMB12	4.100	4.100	COMB13	1.700	1.700	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B6	V30X45	0.175	COMB5	4.100	4.400	COMB5	2.000	2.000	COMB6	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B6	V30X45	1.675	COMB5	1.200	1.200	COMB2	2.500	2.500	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B6	V30X45	3.175	COMB12	4.100	4.100	COMB13	3.300	3.300	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B7	V30X45	0.175	COMB18	4.100	4.100	COMB16	3.100	3.100	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B7	V30X45	2.075	COMB8	1.000	1.000	COMB8	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B7	V30X45	3.975	COMB16	4.100	4.100	COMB18	2.200	2.200	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B8	V30X45	0.175	COMB18	4.100	4.100	COMB16	3.200	3.200	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B8	V30X45	2.075	COMB8	1.000	1.000	COMB7	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B8	V30X45	3.975	COMB16	4.100	4.100	COMB18	2.400	2.400	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B9	V30X45	0.175	COMB9	4.100	4.300	COMB15	2.900	2.900	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B9	V30X45	2.075	COMB9	1.000	1.000	COMB9	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B9	V30X45	3.975	COMB16	4.100	4.100	COMB17	2.600	2.600	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B10	V30X45	0.175	COMB9	4.100	4.500	COMB15	2.900	2.900	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B10	V30X45	2.075	COMB9	1.100	1.100	COMB9	1.100	1.100	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B10	V30X45	3.975	COMB16	4.100	4.100	COMB17	2.800	2.800	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B11	V30X45	0.175	COMB14	4.100	4.100	COMB11	2.800	2.800	COMB6	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B11	V30X45	1.700	COMB3	1.300	1.300	COMB2	2.900	2.900	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B11	V30X45	3.225	COMB3	4.100	4.900	COMB3	2.200	2.200	COMB4	3.700	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B12	V30X45	0.175	COMB6	4.100	4.400	COMB6	1.900	1.900	COMB6	2.700	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B12	V30X45	1.700	COMB6	1.100	1.100	COMB2	2.600	2.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B12	V30X45	3.225	COMB3	4.100	4.300	COMB3	1.900	1.900	COMB4	2.700	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B13	V30X45	0.175	COMB6	4.100	4.900	COMB6	2.200	2.200	COMB6	3.700	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B13	V30X45	1.675	COMB6	1.300	1.300	COMB2	2.900	2.900	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B13	V30X45	3.175	COMB12	4.100	4.100	COMB14	2.900	2.900	COMB4	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B14	V30X45	0.175	COMB18	4.100	4.100	COMB16	2.000	2.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B14	V30X45	2.160	COMB10	1.100	1.100	COMB9	1.300	1.300	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B14	V30X45	4.145	COMB16	4.100	4.100	COMB18	3.000	3.000	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B15	V30X45	0.175	COMB18	4.100	4.100	COMB16	2.000	2.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B15	V30X45	2.160	COMB10	1.100	1.100	COMB10	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B15	V30X45	4.145	COMB16	4.100	4.100	COMB18	3.300	3.300	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B16	V30X45	0.175	COMB18	4.100	4.100	COMB15	2.000	2.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B16	V30X45	2.160	COMB9	1.100	1.100	COMB9	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B16	V30X45	4.145	COMB16	4.100	4.100	COMB17	3.500	3.500	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B17	V30X45	0.175	COMB9	4.100	4.100	COMB15	2.000	2.000	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B17	V30X45	2.160	COMB9	1.200	1.200	COMB9	1.400	1.400	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B17	V30X45	4.145	COMB16	4.100	4.100	COMB17	3.600	3.600	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B18	V30X45	0.175	COMB14	4.100	4.100	COMB12	2.900	2.900	COMB17	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B18	V30X45	1.700	COMB4	1.100	1.100	COMB3	1.800	1.800	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B18	V30X45	3.225	COMB12	4.100	4.100	COMB4	1.800	1.800	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B19	V30X45	0.175	COMB6	4.100	4.100	COMB6	1.500	1.500	COMB17	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B19	V30X45	1.700	COMB3	0.900	0.900	COMB2	1.600	1.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B19	V30X45	3.225	COMB4	4.100	4.100	COMB3	1.500	1.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B20	V30X45	0.175	COMB14	4.100	4.100	COMB6	1.700	1.700	COMB17	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B20	V30X45	1.675	COMB6	1.100	1.100	COMB6	1.800	1.800	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B20	V30X45	3.175	COMB12	4.100	4.100	COMB14	2.900	2.900	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message

Story	Label	Design Sect	Station	DesignOpt	PMMCombo	AsMin	As	Mid Bar As	Corner BarAs	Vmaj Combo	VMajRebar	Vmin Combo	VMinRebar	WarnMsg	ErrMsg
			m			cm²	cm²	cm²	cm²		cm²/m		cm²/m		
NE+6.80	C1	C35X35	0.000	Design	COMB9	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C1	C35X35	1.500	Design	COMB4	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C1	C35X35	3.000	Design	COMB9	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C2	C35X35	0.000	Design	COMB4	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C2	C35X35	1.500	Design	COMB3	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C2	C35X35	3.000	Design	COMB5	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C3	C35X35	0.000	Design	COMB6	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C3	C35X35	1.500	Design	COMB1	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C3	C35X35	3.000	Design	COMB6	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C4	C35X35	0.000	Design	COMB3	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C4	C35X35	1.500	Design	COMB1	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C4	C35X35	3.000	Design	COMB7	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C5	C35X35	0.000	Design	COMB9	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C5	C35X35	1.500	Design	COMB3	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C5	C35X35	3.000	Design	COMB18	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C6	C35X35	0.000	Design	COMB12	12.300	12.300	1.500	1.500	COMB18	2.900	COMB18	3.300	No Message	No Message
NE+6.80	C6	C35X35	1.500	Design	COMB10	12.300	12.300	1.500	1.500	COMB18	2.900	COMB18	3.300	No Message	No Message
NE+6.80	C6	C35X35	3.000	Design	COMB4	12.300	12.300	1.500	1.500	COMB18	2.900	COMB18	3.300	No Message	No Message
NE+6.80	C7	C35X35	0.000	Design	COMB9	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	2.900	No Message	No Message
NE+6.80	C7	C35X35	1.500	Design	COMB9	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	2.900	No Message	No Message
NE+6.80	C7	C35X35	3.000	Design	COMB10	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	2.900	No Message	No Message
NE+6.80	C8	C35X35	0.000	Design	COMB12	12.300	12.300	1.500	1.500	COMB18	2.900	COMB18	4.000	No Message	No Message
NE+6.80	C8	C35X35	1.500	Design	COMB9	12.300	12.300	1.500	1.500	COMB18	2.900	COMB18	4.000	No Message	No Message
NE+6.80	C8	C35X35	3.000	Design	COMB13	12.300	14.100	1.800	1.800	COMB18	2.900	COMB18	4.000	No Message	No Message
NE+6.80	C9	C35X35	0.000	Design	COMB8	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C9	C35X35	1.500	Design	COMB3	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C9	C35X35	3.000	Design	COMB8	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+6.80	C10	C35X35	0.000	Design	COMB3	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C10	C35X35	1.500	Design	COMB3	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C10	C35X35	3.000	Design	COMB3	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C11	C35X35	0.000	Design	COMB11	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C11	C35X35	1.500	Design	COMB8	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C11	C35X35	3.000	Design	COMB3	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C12	C35X35	0.000	Design	COMB7	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C12	C35X35	1.500	Design	COMB6	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C12	C35X35	3.000	Design	COMB7	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C1	C35X35	0.000	Design	COMB11	12.300	12.300	1.500	1.500	COMB6	2.900	COMB18	0.000	No Message	No Message
NE+3.45	C1	C35X35	1.500	Design	COMB15	12.300	12.300	1.500	1.500	COMB6	2.900	COMB18	0.000	No Message	No Message
NE+3.45	C1	C35X35	3.000	Design	COMB5	12.300	12.300	1.500	1.500	COMB6	2.900	COMB18	0.000	No Message	No Message
NE+3.45	C2	C35X35	0.000	Design	COMB14	12.300	12.300	1.500	1.500	COMB14	2.900	COMB18	0.000	No Message	No Message
NE+3.45	C2	C35X35	1.500	Design	COMB10	12.300	12.300	1.500	1.500	COMB14	2.900	COMB18	0.000	No Message	No Message
NE+3.45	C2	C35X35	3.000	Design	COMB4	12.300	12.300	1.500	1.500	COMB14	2.900	COMB18	0.000	No Message	No Message
NE+3.45	C3	C35X35	0.000	Design	COMB13	12.300	12.300	1.500	1.500	COMB14	2.900	COMB18	2.900	No Message	No Message
NE+3.45	C3	C35X35	1.500	Design	COMB9	12.300	12.300	1.500	1.500	COMB14	2.900	COMB18	2.900	No Message	No Message
NE+3.45	C3	C35X35	3.000	Design	COMB6	12.300	12.300	1.500	1.500	COMB14	2.900	COMB18	2.900	No Message	No Message
NE+3.45	C4	C35X35	0.000	Design	COMB7	12.300	12.300	1.500	1.500	COMB4	2.900	COMB18	2.900	No Message	No Message
NE+3.45	C4	C35X35	1.500	Design	COMB9	12.300	12.300	1.500	1.500	COMB4	2.900	COMB18	2.900	No Message	No Message
NE+3.45	C4	C35X35	3.000	Design	COMB3	12.300	12.300	1.500	1.500	COMB4	2.900	COMB18	2.900	No Message	No Message
NE+3.45	C5	C35X35	0.000	Design	COMB9	12.300	12.300	1.500	1.500	COMB14	2.900	COMB18	2.900	No Message	No Message
NE+3.45	C5	C35X35	1.500	Design	COMB4	12.300	12.300	1.500	1.500	COMB14	2.900	COMB18	2.900	No Message	No Message
NE+3.45	C5	C35X35	3.000	Design	COMB9	12.300	12.300	1.500	1.500	COMB14	2.900	COMB18	2.900	No Message	No Message
NE+3.45	C6	C35X35	0.000	Design	COMB18	12.300	12.300	1.500	1.500	COMB18	2.900	COMB18	2.900	No Message	No Message
NE+3.45	C6	C35X35	1.500	Design	COMB10	12.300	12.300	1.500	1.500	COMB18	2.900	COMB18	2.900	No Message	No Message
NE+3.45	C6	C35X35	3.000	Design	COMB12	12.300	12.300	1.500	1.500	COMB18	2.900	COMB18	2.900	No Message	No Message
NE+3.45	C7	C35X35	0.000	Design	COMB17	12.300	12.300	1.500	1.500	COMB14	2.900	COMB18	2.900	No Message	No Message
NE+3.45	C7	C35X35	1.500	Design	COMB9	12.300	12.300	1.500	1.500	COMB14	2.900	COMB18	2.900	No Message	No Message
NE+3.45	C7	C35X35	3.000	Design	COMB9	12.300	12.300	1.500	1.500	COMB14	2.900	COMB18	2.900	No Message	No Message
NE+3.45	C8	C35X35	0.000	Design	COMB17	12.300	12.300	1.500	1.500	COMB13	3.300	COMB17	4.900	No Message	No Message
NE+3.45	C8	C35X35	1.500	Design	COMB5	12.300	12.300	1.500	1.500	COMB13	3.300	COMB17	4.900	No Message	No Message
NE+3.45	C8	C35X35	3.000	Design	COMB13	12.300	12.300	1.500	1.500	COMB13	3.300	COMB17	4.900	No Message	No Message
NE+3.45	C9	C35X35	0.000	Design	COMB18	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C9	C35X35	1.500	Design	COMB18	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C9	C35X35	3.000	Design	COMB6	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C10	C35X35	0.000	Design	COMB18	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C10	C35X35	1.500	Design	COMB10	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C10	C35X35	3.000	Design	COMB3	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C11	C35X35	0.000	Design	COMB18	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C11	C35X35	1.500	Design	COMB10	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C11	C35X35	3.000	Design	COMB6	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C12	C35X35	0.000	Design	COMB17	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C12	C35X35	1.500	Design	COMB17	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C12	C35X35	3.000	Design	COMB3	12.300	12.300	1.500	1.500	COMB18	0.000	COMB18	0.000	No Message	No Message

3.2 REVISIÓN COLUMNA FUERTE – VIGA DÉBIL

Story	Label	DesignSect	BCMaj Combo	BCMajRatio	BCMin Combo	BCMinRatio	JSMaj Combo	JSMajRatio	JSMin Combo	JSMinRatio	WarnMsg	ErrMsg
NE+6.80	C1	C35X35	COMB11	0.810	COMB11	0.466	COMB3	0.961	COMB3	0.679	No Message	No Message
NE+6.80	C2	C35X35	COMB14	0.440	COMB14	0.420	COMB3	0.460	COMB3	0.547	No Message	No Message
NE+6.80	C3	C35X35	COMB12	0.475	COMB12	0.349	COMB3	0.494	COMB3	0.441	No Message	No Message
NE+6.80	C4	C35X35	COMB14	0.870	COMB14	0.462	COMB3	0.900	COMB3	0.647	No Message	No Message
NE+6.80	C5	C35X35	COMB12	0.814	COMB12	0.489	COMB3	0.966	COMB3	0.716	No Message	No Message
NE+6.80	C6	C35X35	COMB13	0.431	COMB13	0.416	COMB3	0.453	COMB3	0.544	No Message	No Message
NE+6.80	C7	C35X35	COMB12	0.432	COMB12	0.239	COMB3	0.435	COMB3	0.295	No Message	No Message
NE+6.80	C8	C35X35	COMB13	0.586	COMB13	0.468	COMB3	0.625	COMB3	0.684	No Message	No Message
NE+6.80	C9	C35X35	COMB18	0.529	COMB18	0.484	COMB3	0.560	COMB3	0.713	No Message	No Message
NE+6.80	C10	C35X35	COMB13	0.394	COMB13	0.318	COMB3	0.391	COMB3	0.401	No Message	No Message
NE+6.80	C11	C35X35	COMB11	0.459	COMB11	0.360	COMB3	0.484	COMB3	0.481	No Message	No Message
NE+6.80	C12	C35X35	COMB16	0.577	COMB16	0.480	COMB3	0.677	COMB3	0.797	No Message	No Message
NE+3.45	C1	C35X35	COMB15	0.524	COMB15	0.495	COMB3	0.609	COMB3	0.828	No Message	No Message
NE+3.45	C2	C35X35	COMB14	0.423	COMB14	0.385	COMB3	0.438	COMB3	0.517	No Message	No Message
NE+3.45	C3	C35X35	COMB12	0.549	COMB12	0.346	COMB3	0.294	COMB3	0.232	No Message	No Message
NE+3.45	C4	C35X35	COMB17	0.864	COMB17	0.702	COMB3	0.481	COMB3	0.517	No Message	No Message
NE+3.45	C5	C35X35	COMB18	0.807	COMB18	0.731	COMB3	0.448	COMB3	0.541	No Message	No Message
NE+3.45	C6	C35X35	COMB13	0.485	COMB13	0.448	COMB3	0.257	COMB3	0.304	No Message	No Message
NE+3.45	C7	C35X35	COMB11	0.380	COMB11	0.297	COMB3	0.378	COMB3	0.374	No Message	No Message
NE+3.45	C8	C35X35	COMB16	0.518	COMB16	0.467	COMB3	0.546	COMB3	0.683	No Message	No Message
NE+3.45	C9	C35X35	COMB15	0.480	COMB15	0.483	COMB3	0.503	COMB3	0.713	No Message	No Message
NE+3.45	C10	C35X35	COMB14	0.339	COMB14	0.318	COMB3	0.332	COMB3	0.402	No Message	No Message
NE+3.45	C11	C35X35	COMB12	0.459	COMB12	0.399	COMB3	0.476	COMB3	0.511	No Message	No Message
NE+3.45	C12	C35X35	COMB13	0.868	COMB13	0.444	COMB3	0.998	COMB3	0.621	No Message	No Message

3.3 REVISIÓN CORTANTE PLÁSTICO

Story	Label	DesignSect	Station	AsTopComb	AsMinTop	AsTop	AsBotCom	AsMinBot	AsBot	VCombo	VRebar	TLngComb	TLngRebar	TTrnCom	TTrnRebar	WarnMsg	ErrMsg
			m	o	cm²	cm²	bo	cm²	cm²		cm²/m	o	cm²	bo	cm²/m		
NE+6.80	B1	V12X35	0.000	CORPL5	0.400	0.400	CORPL5	0.200	0.200	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B1	V12X35	1.675	CORPL4	0.100	0.100	CORPL9	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B1	V12X35	3.350	CORPL3	0.500	0.500	CORPL4	0.200	0.200	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B2	V30X35	0.000	CORPL10	0.200	0.200	CORPL10	0.200	0.200	CORPL10	5.100	CORPL14	3.600	CORPL5	1.300	No Message	No Message
NE+6.80	B2	V30X35	0.738	CORPL9	1.700	1.700	CORPL9	1.100	1.100	CORPL10	5.600	CORPL14	3.600	CORPL5	1.300	No Message	No Message
NE+6.80	B2	V30X35	1.475	CORPL10	3.100	3.100	CORPL9	2.000	2.000	CORPL10	6.200	CORPL14	3.600	CORPL5	1.300	No Message	No Message
NE+6.80	B3	V30X35	0.000	CORPL17	0.200	0.200	CORPL9	0.200	0.200	CORPL10	5.100	CORPL12	3.600	CORPL3	1.300	No Message	No Message
NE+6.80	B3	V30X35	0.738	CORPL10	1.700	1.700	CORPL10	1.000	1.000	CORPL10	5.600	CORPL12	3.600	CORPL3	1.300	No Message	No Message
NE+6.80	B3	V30X35	1.475	CORPL10	3.100	3.100	CORPL10	2.000	2.000	CORPL10	6.200	CORPL12	3.600	CORPL3	1.300	No Message	No Message
NE+6.80	B4	V30X35	0.175	CORPL14	3.100	3.100	CORPL11	2.300	2.300	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B4	V30X35	1.700	CORPL5	0.600	0.600	CORPL5	0.600	0.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B4	V30X35	3.225	CORPL3	3.000	3.000	CORPL13	2.000	2.000	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B5	V30X35	0.175	CORPL5	2.800	2.800	CORPL11	2.000	2.000	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B5	V30X35	1.700	CORPL12	0.700	0.700	CORPL12	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B5	V30X35	3.225	CORPL3	3.000	3.000	CORPL13	1.700	1.700	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B6	V30X35	0.175	CORPL5	2.800	2.800	CORPL11	2.200	2.200	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B6	V30X35	1.675	CORPL11	0.700	0.700	CORPL11	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B6	V30X35	3.175	CORPL12	3.100	3.100	CORPL13	2.200	2.200	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B7	V30X35	0.175	CORPL18	3.100	3.100	CORPL16	1.900	1.900	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B7	V30X35	2.075	CORPL10	0.700	0.700	CORPL8	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B7	V30X35	3.975	CORPL16	3.100	3.100	CORPL18	1.600	1.600	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B8	V30X35	0.175	CORPL18	3.100	3.100	CORPL16	2.000	2.000	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B8	V30X35	2.075	CORPL10	0.700	0.700	CORPL10	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B8	V30X35	3.975	CORPL8	3.100	3.100	CORPL18	2.100	2.100	CORPL8	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B9	V30X35	0.175	CORPL9	3.100	3.900	CORPL10	1.900	1.900	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B9	V30X35	2.075	CORPL10	1.300	1.300	CORPL10	1.300	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B9	V30X35	3.975	CORPL7	3.000	3.000	CORPL18	2.800	2.800	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B10	V30X35	0.175	CORPL9	3.100	4.400	CORPL9	2.100	2.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B10	V30X35	2.075	CORPL9	1.400	1.400	CORPL9	1.400	1.400	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B10	V30X35	3.975	CORPL15	3.100	3.100	CORPL17	2.700	2.700	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B11	V30X35	0.175	CORPL6	2.800	2.800	CORPL12	1.900	1.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B11	V30X35	1.700	CORPL14	0.600	0.600	CORPL14	0.600	0.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B11	V30X35	3.225	CORPL12	2.100	2.100	CORPL14	2.100	2.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B12	V30X35	0.175	CORPL6	2.200	2.200	CORPL11	1.800	1.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B12	V30X35	1.700	CORPL14	0.400	0.400	CORPL14	0.400	0.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B12	V30X35	3.225	CORPL3	2.100	2.100	CORPL14	1.800	1.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B13	V30X35	0.175	CORPL13	2.100	2.100	CORPL12	2.100	2.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B13	V30X35	1.675	CORPL12	0.600	0.600	CORPL12	0.600	0.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B13	V30X35	3.175	CORPL4	2.800	2.800	CORPL13	1.900	1.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B14	V30X35	0.175	CORPL18	3.100	3.100	CORPL16	1.400	1.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B14	V30X35	2.160	CORPL8	0.700	0.700	CORPL10	0.900	0.900	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B14	V30X35	4.145	CORPL16	3.100	3.100	CORPL18	1.800	1.800	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B15	V30X35	0.175	CORPL10	3.100	3.100	CORPL16	1.700	1.700	CORPL10	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B15	V30X35	2.160	CORPL8	0.600	0.600	CORPL7	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B15	V30X35	4.145	CORPL8	3.100	3.100	CORPL18	2.100	2.100	CORPL8	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B16	V30X35	0.175	CORPL18	3.100	3.100	CORPL15	1.800	1.800	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B16	V30X35	2.160	CORPL10	0.700	0.700	CORPL10	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B16	V30X35	4.145	CORPL8	3.100	3.100	CORPL17	2.400	2.400	CORPL8	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B17	V30X35	0.175	CORPL9	3.100	3.500	CORPL15	1.500	1.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B17	V30X35	2.160	CORPL9	0.800	0.800	CORPL9	1.100	1.100	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B17	V30X35	4.145	CORPL16	3.100	3.100	CORPL17	2.500	2.500	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B18	V30X35	0.175	CORPL6	2.900	2.900	CORPL12	1.800	1.800	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B18	V30X35	1.700	CORPL14	0.600	0.600	CORPL14	0.600	0.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B18	V30X35	3.225	CORPL4	2.600	2.600	CORPL14	1.700	1.700	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B19	V30X35	0.175	CORPL6	2.500	2.500	CORPL12	1.500	1.500	CORPL6	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B19	V30X35	1.700	CORPL14	0.400	0.400	CORPL14	0.400	0.400	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B19	V30X35	3.225	CORPL4	2.500	2.500	CORPL14	1.500	1.500	CORPL4	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B20	V30X35	0.175	CORPL6	2.500	2.500	CORPL12	1.800	1.800	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B20	V30X35	1.675	CORPL4	0.600	0.600	CORPL4	0.600	0.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B20	V30X35	3.175	CORPL4	3.000	3.000	CORPL14	1.800	1.800	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B1	V12X35	0.000	CORPL5	0.600	0.600	CORPL5	0.300	0.300	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B1	V12X35	1.675	CORPL4	0.200	0.200	CORPL5	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B1	V12X35	3.350	CORPL3	0.700	0.700	CORPL4	0.300	0.300	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B2	V30X45	0.000	CORPL10	0.100	0.100	CORPL10	0.050	0.050	CORPL10	4.400	CORPL9	4.700	CORPL5	1.300	No Message	No Message
NE+3.45	B2	V30X45	0.738	CORPL5	1.300	1.300	CORPL9	0.700	0.700	CORPL10	4.800	CORPL9	4.700	CORPL5	1.300	No Message	No Message
NE+3.45	B2	V30X45	1.475	CORPL5	2.900	2.900	CORPL5	1.400	1.400	CORPL10	5.200	CORPL9	4.700	CORPL5	1.300	No Message	No Message
NE+3.45	B3	V30X45	0.000	CORPL17	0.100	0.100	CORPL9	0.100	0.100	CORPL10	4.400	CORPL12	4.700	CORPL3	1.400	No Message	No Message
NE+3.45	B3	V30X45	0.738	CORPL4	1.300	1.300	CORPL10	0.700	0.700	CORPL10	4.800	CORPL12	4.700	CORPL3	1.400	No Message	No Message
NE+3.45	B3	V30X45	1.475	CORPL4	2.800	2.800	CORPL4	1.400	1.400	CORPL10	5.100	CORPL12	4.700	CORPL3	1.400	No Message	No Message
NE+3.45	B4	V30X45	0.175	CORPL5	4.100	5.400	CORPL12	4.100	4.100	CORPL17	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B4	V30X45	1.700	CORPL3	1.600	1.600	CORPL4	2.100	2.100	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B4	V30X45	3.225	CORPL3	4.100	5.400	CORPL13	3.700	3.700	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B5	V30X45	0.175	CORPL5	4.100	4.700	CORPL11	3.300	3.300	CORPL17	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B5	V30X45	1.700	CORPL4	1.400	1.400	CORPL4	1.400	1.400	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B5	V30X45	3.225	CORPL3	4.100	4.900	CORPL13	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B6	V30X45	0.175	CORPL5	4.100	5.700	CORPL11	3.600	3.600	CORPL6	3.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B6	V30X45	1.675	CORPL5	1.500	1.500	CORPL5	2.400	2.400	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B6	V30X45	3.175	CORPL3	4.100	5.400	CORPL14	4.100	4.100	CORPL4	2.700	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B7	V30X45	0.175	CORPL10	4.100	4.900	CORPL16	4.100	4.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B7	V30X45	2.075	CORPL8	1.400	1.400	CORPL8	1.400	1.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B7	V30X45	3.975	CORPL8	4.100	4.700	CORPL18	3.700	3.700	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B8	V30X45	0.175	CORPL10	4.100	5.200	CORPL16	4.100	4.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B8	V30X45	2.075	CORPL8	1.400	1.400	CORPL7	1.400	1.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B8	V30X45	3.975	CORPL8	4.100	4.800	CORPL18	3.900	3.900	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B9	V30X45	0.175	CORPL9	4.100	5.900	CORPL16	4.100	4.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B9	V30X45	2.075	CORPL9	1.400	1.400	CORPL9	1.400	1.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B9	V30X45	3.975	CORPL7	4.100	4.500	CORPL18	4.100	4.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B10	V30X45	0.175	CORPL9	4.100	6.100	CORPL16	4.100	4.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B10	V30X45	2.075	CORPL9	1.500	1.500	CORPL9	1.500	1.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B10	V30X45	3.975	CORPL7	4.100	4.500	CORPL18	4.100	4.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message

NE+3.45	B11	V30X45	0.175	CORPL6	4.100	5.500	CORPL12	4.100	4.100	CORPL6	3.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B11	V30X45	1.700	CORPL3	1.700	1.700	CORPL3	2.900	2.900	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B11	V30X45	3.225	CORPL3	4.100	6.200	CORPL3	2.700	2.700	CORPL4	4.700	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B12	V30X45	0.175	CORPL6	4.100	5.400	CORPL6	2.300	2.300	CORPL6	3.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B12	V30X45	1.700	CORPL6	1.400	1.400	CORPL6	1.900	1.900	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B12	V30X45	3.225	CORPL3	4.100	5.400	CORPL14	2.300	2.300	CORPL4	3.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B13	V30X45	0.175	CORPL6	4.100	6.200	CORPL6	2.700	2.700	CORPL6	4.700	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B13	V30X45	1.675	CORPL6	1.700	1.700	CORPL6	2.800	2.800	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B13	V30X45	3.175	CORPL4	4.100	5.400	CORPL14	4.100	4.100	CORPL4	3.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B14	V30X45	0.175	CORPL10	4.100	4.800	CORPL16	3.400	3.400	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B14	V30X45	2.160	CORPL10	1.400	1.400	CORPL9	1.500	1.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B14	V30X45	4.145	CORPL8	4.100	4.800	CORPL18	4.100	4.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B15	V30X45	0.175	CORPL10	4.100	5.000	CORPL16	3.500	3.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B15	V30X45	2.160	CORPL10	1.400	1.400	CORPL10	1.500	1.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B15	V30X45	4.145	CORPL8	4.100	4.800	CORPL18	4.100	4.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B16	V30X45	0.175	CORPL9	4.100	5.200	CORPL15	3.500	3.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B16	V30X45	2.160	CORPL9	1.500	1.500	CORPL9	1.500	1.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B16	V30X45	4.145	CORPL7	4.100	4.800	CORPL18	4.100	4.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B17	V30X45	0.175	CORPL9	4.100	5.400	CORPL15	3.600	3.600	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B17	V30X45	2.160	CORPL9	1.500	1.500	CORPL9	1.500	1.500	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B17	V30X45	4.145	CORPL7	4.100	4.900	CORPL17	4.100	4.200	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B18	V30X45	0.175	CORPL6	4.100	4.700	CORPL12	4.100	4.100	CORPL17	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B18	V30X45	1.700	CORPL4	1.400	1.400	CORPL3	2.000	2.000	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B18	V30X45	3.225	CORPL4	4.100	5.100	CORPL14	3.000	3.000	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B19	V30X45	0.175	CORPL6	4.100	4.300	CORPL12	2.700	2.700	CORPL17	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B19	V30X45	1.700	CORPL6	1.200	1.200	CORPL8	1.300	1.300	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B19	V30X45	3.225	CORPL4	4.100	4.400	CORPL14	2.600	2.600	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B20	V30X45	0.175	CORPL6	4.100	4.900	CORPL12	3.100	3.100	CORPL17	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B20	V30X45	1.675	CORPL6	1.400	1.400	CORPL6	2.000	2.000	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B20	V30X45	3.175	CORPL4	4.100	4.800	CORPL14	4.100	4.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message

Story	Label	DesignSect	Station	DesignOpt	PMMCombo	AsMin	As	Mid Bar As	CornerBar As	VMajCombo	VMajRebar	VMinCombo	VMinRebar	WarnMsg	ErrMsg
			m			cm²	cm²	cm²	cm²		cm²/m		cm²/m		
NE+6.80	C1	C35X35	0.000	Design	CORPL9-1	12.300	12.300	1.500	1.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C1	C35X35	1.500	Design	CORPL3-1	12.300	12.300	1.500	1.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C1	C35X35	3.000	Design	CORPL9-1	12.300	12.300	1.500	1.500	CORPL18-1	0.000	CORPL15-1	2.900	No Message	No Message
NE+6.80	C2	C35X35	0.000	Design	CORPL13-1	12.300	13.900	1.700	1.700	CORPL14-1	2.900	CORPL18-1	0.000	No Message	No Message
NE+6.80	C2	C35X35	1.500	Design	CORPL3-1	12.300	12.300	1.500	1.500	CORPL14-1	2.900	CORPL18-1	0.000	No Message	No Message
NE+6.80	C2	C35X35	3.000	Design	CORPL13-1	12.300	12.300	1.500	1.500	CORPL14-1	2.900	CORPL18-1	0.000	No Message	No Message
NE+6.80	C3	C35X35	0.000	Design	CORPL6-1	12.300	14.800	1.800	1.800	CORPL14-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+6.80	C3	C35X35	1.500	Design	CORPL6-1	12.300	12.300	1.500	1.500	CORPL14-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+6.80	C3	C35X35	3.000	Design	CORPL14-1	12.300	12.300	1.500	1.500	CORPL14-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+6.80	C4	C35X35	0.000	Design	CORPL7-1	12.300	12.300	1.500	1.500	CORPL18-1	0.000	CORPL18-1	2.900	No Message	No Message
NE+6.80	C4	C35X35	1.500	Design	CORPL6-1	12.300	12.300	1.500	1.500	CORPL18-1	0.000	CORPL18-1	2.900	No Message	No Message
NE+6.80	C4	C35X35	3.000	Design	CORPL7-1	12.300	12.300	1.500	1.500	CORPL18-1	0.000	CORPL18-1	2.900	No Message	No Message
NE+6.80	C5	C35X35	0.000	Design	CORPL10-1	12.300	14.400	1.800	1.800	CORPL18-1	0.000	CORPL18-1	2.900	No Message	No Message
NE+6.80	C5	C35X35	1.500	Design	CORPL4-1	12.300	12.300	1.500	1.500	CORPL18-1	0.000	CORPL18-1	2.900	No Message	No Message
NE+6.80	C5	C35X35	3.000	Design	CORPL18-1	12.300	12.300	1.500	1.500	CORPL18-1	0.000	CORPL18-1	2.900	No Message	No Message
NE+6.80	C6	C35X35	0.000	Design	CORPL4-1	12.300	27.100	3.400	3.400	CORPL18-1	5.100	CORPL10-1	5.800	No Message	No Message
NE+6.80	C6	C35X35	1.500	Design	CORPL10-1	12.300	12.300	1.500	1.500	CORPL18-1	5.100	CORPL10-1	5.800	No Message	No Message
NE+6.80	C6	C35X35	3.000	Design	CORPL17-1	12.300	20.400	2.500	2.500	CORPL18-1	5.100	CORPL10-1	5.800	No Message	No Message
NE+6.80	C7	C35X35	0.000	Design	CORPL9-1	12.300	18.100	2.300	2.300	CORPL14-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+6.80	C7	C35X35	1.500	Design	CORPL9-1	12.300	12.300	1.500	1.500	CORPL14-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+6.80	C7	C35X35	3.000	Design	CORPL10-1	12.300	14.000	1.700	1.700	CORPL14-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+6.80	C8	C35X35	0.000	Design	CORPL4-1	12.300	31.700	4.000	4.000	CORPL4-1	3.000	CORPL9-1	7.400	No Message	No Message
NE+6.80	C8	C35X35	1.500	Design	CORPL9-1	12.300	12.300	1.500	1.500	CORPL4-1	3.000	CORPL9-1	7.400	No Message	No Message
NE+6.80	C8	C35X35	3.000	Design	CORPL4-1	12.300	27.600	3.400	3.400	CORPL4-1	3.000	CORPL9-1	7.400	No Message	No Message
NE+6.80	C9	C35X35	0.000	Design	CORPL8-1	12.300	12.300	1.500	1.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C9	C35X35	1.500	Design	CORPL4-1	12.300	12.300	1.500	1.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C9	C35X35	3.000	Design	CORPL8-1	12.300	12.300	1.500	1.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C10	C35X35	0.000	Design	CORPL12-1	12.300	12.300	1.500	1.500	CORPL14-1	2.900	CORPL18-1	0.000	No Message	No Message
NE+6.80	C10	C35X35	1.500	Design	CORPL18-1	12.300	12.300	1.500	1.500	CORPL14-1	2.900	CORPL18-1	0.000	No Message	No Message
NE+6.80	C10	C35X35	3.000	Design	CORPL12-1	12.300	12.300	1.500	1.500	CORPL14-1	2.900	CORPL18-1	0.000	No Message	No Message
NE+6.80	C11	C35X35	0.000	Design	CORPL12-1	12.300	12.300	1.500	1.500	CORPL14-1	2.900	CORPL18-1	0.000	No Message	No Message
NE+6.80	C11	C35X35	1.500	Design	CORPL8-1	12.300	12.300	1.500	1.500	CORPL14-1	2.900	CORPL18-1	0.000	No Message	No Message
NE+6.80	C11	C35X35	3.000	Design	CORPL12-1	12.300	12.300	1.500	1.500	CORPL14-1	2.900	CORPL18-1	0.000	No Message	No Message
NE+6.80	C12	C35X35	0.000	Design	CORPL7-1	12.300	12.300	1.500	1.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C12	C35X35	1.500	Design	CORPL5-1	12.300	12.300	1.500	1.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C12	C35X35	3.000	Design	CORPL7-1	12.300	12.300	1.500	1.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C1	C35X35	0.000	Design	CORPL9-1	12.300	43.200	5.400	5.400	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C1	C35X35	1.500	Design	CORPL11-1	12.300	12.300	1.500	1.500	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C1	C35X35	3.000	Design	CORPL11-1	12.300	12.300	1.500	1.500	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C2	C35X35	0.000	Design	CORPL4-1	12.300	50.800	6.400	6.400	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C2	C35X35	1.500	Design	CORPL16-1	12.300	12.300	1.500	1.500	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C2	C35X35	3.000	Design	CORPL14-1	12.300	16.800	2.100	2.100	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C3	C35X35	0.000	Design	CORPL5-1	12.300	52.900	6.600	6.600	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C3	C35X35	1.500	Design	CORPL9-1	12.300	12.300	1.500	1.500	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C3	C35X35	3.000	Design	CORPL11-1	12.300	16.200	2.000	2.000	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C4	C35X35	0.000	Design	CORPL3-1	12.300	48.400	6.100	6.100	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C4	C35X35	1.500	Design	CORPL16-1	12.300	12.300	1.500	1.500	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C4	C35X35	3.000	Design	CORPL3-1	12.300	12.300	1.500	1.500	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C5	C35X35	0.000	Design	CORPL8-1	12.300	49.600	6.200	6.200	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C5	C35X35	1.500	Design	CORPL12-1	12.300	12.300	1.500	1.500	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C5	C35X35	3.000	Design	CORPL9-1	12.300	15.200	1.900	1.900	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message

NE+3.45	C6	C35X35	0.000	Design	CORPL10-1	12.300	55.900	7.000	7.000	CORPL12-1	3.200	CORPL18-1	3.600	No Message	No Message
NE+3.45	C6	C35X35	1.500	Design	CORPL10-1	12.300	12.300	1.500	1.500	CORPL12-1	3.200	CORPL18-1	3.600	No Message	No Message
NE+3.45	C6	C35X35	3.000	Design	CORPL12-1	12.300	26.900	3.400	3.400	CORPL12-1	3.300	CORPL18-1	3.700	No Message	No Message
NE+3.45	C7	C35X35	0.000	Design	CORPL9-1	12.300	58.400	7.300	7.300	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C7	C35X35	1.500	Design	CORPL10-1	12.300	12.300	1.500	1.500	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C7	C35X35	3.000	Design	CORPL17-1	12.300	17.800	2.200	2.200	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C8	C35X35	0.000	Design	CORPL10-1	12.300	54.900	6.900	6.900	CORPL13-1	8.000	CORPL17-1	10.700	No Message	No Message
NE+3.45	C8	C35X35	1.500	Design	CORPL13-1	12.300	12.300	1.500	1.500	CORPL13-1	8.000	CORPL17-1	10.700	No Message	No Message
NE+3.45	C8	C35X35	3.000	Design	CORPL13-1	12.300	36.100	4.500	4.500	CORPL13-1	8.000	CORPL17-1	10.700	No Message	No Message
NE+3.45	C9	C35X35	0.000	Design	CORPL8-1	12.300	40.400	5.000	5.000	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C9	C35X35	1.500	Design	CORPL18-1	12.300	12.300	1.500	1.500	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C9	C35X35	3.000	Design	CORPL12-1	12.300	12.300	1.500	1.500	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C10	C35X35	0.000	Design	CORPL8-1	12.300	45.300	5.700	5.700	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C10	C35X35	1.500	Design	CORPL17-1	12.300	12.300	1.500	1.500	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C10	C35X35	3.000	Design	CORPL12-1	12.300	13.500	1.700	1.700	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C11	C35X35	0.000	Design	CORPL8-1	12.300	47.300	5.900	5.900	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C11	C35X35	1.500	Design	CORPL18-1	12.300	12.300	1.500	1.500	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C11	C35X35	3.000	Design	CORPL12-1	12.300	14.200	1.800	1.800	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C12	C35X35	0.000	Design	CORPL7-1	12.300	43.500	5.400	5.400	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C12	C35X35	1.500	Design	CORPL17-1	12.300	12.300	1.500	1.500	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message
NE+3.45	C12	C35X35	3.000	Design	CORPL3-1	12.300	12.300	1.500	1.500	CORPL18-1	2.900	CORPL18-1	2.900	No Message	No Message

3.4 DISEÑO DE LA CIMENTACIÓN

DISEÑO DE ZAPATAS

σadm = 170.00 kN/m^2 f`c = 21000.00 kN/m^2

ZAPATAS CUADRADAS Y RECTANGULARES

		SECCION COLUMNA				SECCION ZAPATA				FLEXION													
CO	Preal (kN)	En X (m)	En Y (m)	Area (m^2)	Lado (m)	B(m)	L(m)	σneta (kN/m^2)	σneta < σadm	Mox (kN-m)	Moy (kN-m)	ϕMnx (kN-m)	ϕMoy (kN-m)	h (m)	ρx	ρy	Asx (mm^2)	Asy (mm^2)	Barra #	Sep. (m)	Barra #	Sep. (m)
A3	107.60	0.35	0.35	0.70	0.83	1.10	1.10	92.48	ok	7.15	7.15	10.01	10.01	0.40	0.0002	0.0002	800	800	5	0.25	5	0.25
B3	162.00	0.35	0.35	1.05	1.02	1.10	1.10	139.24	ok	10.77	10.77	15.08	15.08	0.40	0.0004	0.0004	800	800	5	0.25	5	0.25
C3	225.80	0.35	0.35	1.46	1.21	1.25	1.25	150.29	ok	19.02	19.02	26.63	26.63	0.40	0.0006	0.0006	800	800	5	0.25	5	0.25
D3	169.50	0.35	0.35	1.10	1.05	1.10	1.10	145.69	ok	11.27	11.27	15.78	15.78	0.40	0.0004	0.0004	800	800	5	0.25	5	0.25
A2	169.70	0.35	0.35	1.10	1.05	1.10	1.10	145.86	ok	11.28	11.28	15.79	15.79	0.40	0.0004	0.0004	800	800	5	0.25	5	0.25
B2	242.80	0.35	0.35	1.57	1.25	1.25	1.25	161.61	ok	20.45	20.45	28.63	28.63	0.40	0.0006	0.0006	800	800	5	0.25	5	0.25
C2	237.40	0.35	0.35	1.54	1.24	1.25	1.25	158.01	ok	20.00	20.00	28.00	28.00	0.40	0.0006	0.0006	800	800	5	0.25	5	0.25
D2	164.10	0.35	0.35	1.06	1.03	1.10	1.10	141.04	ok	10.91	10.91	15.27	15.27	0.40	0.0004	0.0004	800	800	5	0.25	5	0.25
A1	107.20	0.35	0.35	0.69	0.83	1.10	1.10	92.14	ok	7.13	7.13	9.98	9.98	0.40	0.0002	0.0002	800	800	5	0.25	5	0.25
B1	163.40	0.35	0.35	1.06	1.03	1.10	1.10	140.44	ok	10.86	10.86	15.21	15.21	0.40	0.0004	0.0004	800	800	5	0.25	5	0.25
C1	160.90	0.35	0.35	1.04	1.02	1.10	1.10	138.29	ok	10.70	10.70	14.97	14.97	0.40	0.0004	0.0004	800	800	5	0.25	5	0.25
D1	105.10	0.35	0.35	0.68	0.82	1.10	1.10	90.33	ok	6.99	6.99	9.78	9.78	0.40	0.0002	0.0002	800	800	5	0.25	5	0.25

		SECCION COLUMNA				SECCION ZAPATA			CORTANTE							
Zapata	Preal (kN)	En X (m)	En Y (m)	Area (m^2)	Lado (m)	B(m)	L(m)	σneta (kN/m^2)	Vdx (kN)	Vdy (kN)	Vux (kN)	Vuy (kN)	vux (kN)	vuy (kN)	Rev x	Rev y
A3	107.60	0.35	0.35	0.70	0.83	1.10	1.10	93.37	5.65	5.65	8.76	8.76	24.87	24.87	ok	ok
B3	162.00	0.35	0.35	1.05	1.02	1.10	1.10	140.58	8.51	8.51	13.18	13.18	37.45	37.45	ok	ok
C3	225.80	0.35	0.35	1.46	1.21	1.25	1.25	151.74	24.66	24.66	38.22	38.22	95.55	95.55	ok	ok
D3	169.50	0.35	0.35	1.10	1.05	1.10	1.10	147.09	8.90	8.90	13.79	13.79	39.18	39.18	ok	ok
A2	169.70	0.35	0.35	1.10	1.05	1.10	1.10	147.26	8.91	8.91	13.81	13.81	39.23	39.23	ok	ok
B2	242.80	0.35	0.35	1.57	1.25	1.25	1.25	163.16	26.51	26.51	41.10	41.10	102.74	102.74	ok	ok
C2	237.40	0.35	0.35	1.54	1.24	1.25	1.25	159.53	25.92	25.92	40.18	40.18	100.46	100.46	ok	ok
D2	164.10	0.35	0.35	1.06	1.03	1.10	1.10	142.40	8.62	8.62	13.35	13.35	37.94	37.94	ok	ok
A1	107.20	0.35	0.35	0.69	0.83	1.10	1.10	93.02	5.63	5.63	8.72	8.72	24.78	24.78	ok	ok
B1	163.40	0.35	0.35	1.06	1.03	1.10	1.10	141.79	8.58	8.58	13.30	13.30	37.77	37.77	ok	ok
C1	160.90	0.35	0.35	1.04	1.02	1.10	1.10	139.62	8.45	8.45	13.09	13.09	37.20	37.20	ok	ok
D1	105.10	0.35	0.35	0.68	0.82	1.10	1.10	91.20	5.52	5.52	8.55	8.55	24.30	24.30	ok	ok

DISEÑO DE VIGAS DE AMARRE

f`c = 21000.00 kN/m^2
fy = 420000.00 kN/m^2

					FLEXION						Seccion				REFUERZO					
Viga Amarre	L1 (m)	L2 (m)	Pu (kN)	Po (kN)	Mo1 (kN-m)	Mo2 (kN-m)	Mo3 (kN-m)	fMn1 (kN-m)	fMn2 (kN-m)	fMn3 (kN-m)	b (m)	h(m)	d(m)	Amax (mm^2)	Barra #	Cant.	Barra #	Cant.	Assum (mm^2)	
VC-1	3.40	3.40	242.80	24.28	20.64	20.64	20.64	31.99	31.99	31.99	0.30	0.40	0.35	347	5	3			594	OK
VC-2	4.15	4.31	242.80	24.28	26.15	25.66	25.18	40.54	39.77	39.03	0.30	0.40	0.35	359	5	3			594	OK

					CORTANTE					
Viga Amarre	L1 (m)	L2(m)	Pu (kN)	Po(kN)	Vo1 (kN)	Vo3 (kN)	fVn1 (kN)	fVn3 (kN)	Rev 1	Rev 3
VC-1	3.40	3.40	242.80	24.28	12.14	12.14	179.21	179.21	ok	ok
VC-2	4.15	4.31	242.80	24.28	12.48	11.80	184.29	174.13	ok	ok

3.4.1 REACCIONES EN LA CIMENTACIÓN

Story	Label	Output Case	FX	FY	FZ	MX	MY	MZ
			tonf	tonf	tonf	tonf-m	tonf-m	tonf-m
Base	3	PPROPIO	0.050	0.070	3.900	-0.090	0.060	0.005
Base	3	MUERTA	0.290	0.160	5.970	-0.210	0.350	0.010
Base	3	VIVA	0.080	0.001	0.890	-0.010	0.110	0.010
Base	3	SISMOX	-9.310	0.350	-12.120	-0.770	-19.540	-0.080
Base	3	SISMOY	-0.200	-8.590	-9.840	18.610	-0.430	-0.230
Base	4	PPROPIO	0.010	0.070	4.880	-0.100	0.020	0.005
Base	4	MUERTA	-0.005	0.190	9.520	-0.260	0.020	0.010
Base	4	VIVA	0.002	0.005	1.800	-0.030	0.020	0.010
Base	4	SISMOX	-11.310	0.130	2.350	-0.300	-21.820	-0.080
Base	4	SISMOY	-0.250	-9.470	-9.810	20.320	-0.480	-0.240
Base	5	PPROPIO	0.020	-0.020	6.170	-0.005	0.030	0.005
Base	5	MUERTA	0.120	0.060	12.880	-0.120	0.160	0.010
Base	5	VIVA	0.100	-0.170	3.530	0.150	0.130	0.010
Base	5	SISMOX	-11.370	-0.010	-2.960	0.100	-21.900	-0.190
Base	5	SISMOY	-0.250	-9.750	-10.360	20.970	-0.480	-0.010
Base	6	PPROPIO	-0.030	-0.010	5.200	-0.020	-0.030	0.010
Base	6	MUERTA	-0.300	0.060	9.260	-0.130	-0.310	0.010
Base	6	VIVA	-0.140	-0.150	2.490	0.120	-0.140	0.010
Base	6	SISMOX	-9.420	-0.470	12.730	0.970	-19.670	-0.210
Base	6	SISMOY	-0.200	-9.320	-10.230	20.260	-0.420	0.020
Base	7	PPROPIO	0.040	0.020	5.180	-0.030	0.040	0.005
Base	7	MUERTA	0.450	0.040	10.030	-0.070	0.510	0.010
Base	7	VIVA	0.130	0.010	1.760	-0.020	0.150	0.010
Base	7	SISMOX	-9.460	0.450	-11.640	-0.880	-19.620	-0.170
Base	7	SISMOY	0.000	-10.690	0.660	21.010	0.000	-0.170
Base	8	PPROPIO	-0.003	0.020	6.150	-0.050	-0.003	0.004
Base	8	MUERTA	-0.060	0.050	14.400	-0.110	-0.070	0.010
Base	8	VIVA	-0.020	0.020	3.730	-0.050	-0.020	0.010
Base	8	SISMOX	-11.380	0.170	1.970	-0.340	-21.810	-0.160
Base	8	SISMOY	0.000	-11.700	0.680	22.870	0.000	-0.190

Story	Label	Output Case	FX	FY	FZ	MX	MY	MZ
			tonf	tonf	tonf	tonf-m	tonf-m	tonf-m
Base	9	PPROPIO	0.001	0.030	6.050	-0.060	0.001	0.004
Base	9	MUERTA	0.050	0.020	14.080	-0.080	0.050	0.010
Base	9	VIVA	0.020	0.060	3.610	-0.110	0.020	0.010
Base	9	SISMOX	-11.400	-0.110	-2.200	0.210	-21.830	-0.170
Base	9	SISMOY	-0.001	-12.070	0.720	23.600	-0.001	-0.050
Base	10	PPROPIO	-0.040	0.040	5.070	-0.080	-0.040	0.005
Base	10	MUERTA	-0.430	0.030	9.710	-0.110	-0.490	0.010
Base	10	VIVA	-0.130	0.080	1.630	-0.140	-0.140	0.010
Base	10	SISMOX	-9.490	-0.500	11.870	1.010	-19.650	-0.180
Base	10	SISMOY	-0.001	-11.630	0.730	22.880	-0.001	-0.010
Base	12	PPROPIO	0.030	-0.050	3.890	0.050	0.020	0.005
Base	12	MUERTA	0.250	-0.130	5.980	0.120	0.250	0.010
Base	12	VIVA	0.060	0.020	0.860	-0.030	0.050	0.010
Base	12	SISMOX	-8.320	0.350	-11.310	-0.780	-17.410	-0.240
Base	12	SISMOY	0.210	-8.500	9.180	18.510	0.430	-0.230
Base	13	PPROPIO	-0.010	-0.050	4.860	0.040	-0.030	0.005
Base	13	MUERTA	-0.060	-0.150	9.610	0.120	-0.100	0.010
Base	13	VIVA	-0.020	0.030	1.870	-0.060	-0.040	0.010
Base	13	SISMOX	-10.080	0.130	1.680	-0.290	-19.410	-0.180
Base	13	SISMOY	0.250	-9.380	9.130	20.220	0.480	-0.230
Base	14	PPROPIO	-0.010	-0.050	4.810	0.040	-0.020	0.005
Base	14	MUERTA	-0.004	-0.180	9.450	0.150	-0.030	0.010
Base	14	VIVA	-0.010	0.040	1.830	-0.090	-0.020	0.010
Base	14	SISMOX	-10.100	-0.080	-2.030	0.180	-19.430	-0.210
Base	14	SISMOY	0.250	-9.660	9.630	20.860	0.480	-0.030
Base	15	PPROPIO	-0.050	-0.050	3.850	0.020	-0.060	0.005
Base	15	MUERTA	-0.280	-0.150	5.830	0.100	-0.350	0.010
Base	15	VIVA	-0.080	0.050	0.830	-0.110	-0.100	0.010
Base	15	SISMOX	-8.350	-0.400	11.650	0.890	-17.430	-0.280
Base	15	SISMOY	0.200	-9.230	9.510	20.140	0.420	0.040

3.5 DISEÑO ELEMENTOS NO ESTRUCTURALES

3.5.1 DISEÑO MUROS FACHADA Y DIVISORIOS

DISEÑO MURO DE FACHADA SOPORTADO EN LA BASE Y EN EL EXTREMO SUPERIOR
(Mamposteria de Perforación Vertical)

GEOMETRIA DEL MURO				**MAMPOSTERIA**			
Altura del muro	H=	3.00	m	Tipo de Mampostería	=	Perforación Vertical	
Espesor del Muro	e=	0.12	m	Ubicación	=	Fachada	
Nivel de localización del muro		Piso DOS		Tipo de Apoyo	=	Apoyo Superior e inferior aislado lateralmente	
Densidad del material del muro	γm=	1800	Kg/m³				
Peso del Muro	w=	2.2	KN/m²				
Resistencia a la compresión del muro	f'm=	5.0	MPa				

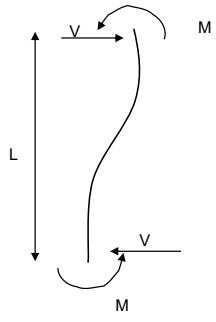
CRITERIOS DE DISEÑO

1-	Grupo de Uso		III	
2-	Coeficiente de importancia	*I*=	1.25	
3-	Grado mínimo de Desempeño		Superior	Según Tabla A.9.2-1 NSR-10
4-	Tipo de Elemento No Estructural según Tabla A.9.5-1 (NSR-10)		1	
	Mampostería con refuerzo separado lateralmente de la estructura, apoyada arriba y abajo			
5-	Coeficiente de amplificación dinámica del elemento NO estructural	*ap*=	1.0	Según Tabla A.9.5-1 NSR-10
6-	Coeficiente de capacidad de disipación de energía	*Rpi*=	1.5	Según Tabla A.9.5-1 NSR-10
7-	Coeficiente de Aceleración pico efectiva	*Aa*=	0.15	
8-	Período de la Estructura	*T*=	0.4614	
9-	Máxima aceleración horizontal de diseño	Sa=	0.7031	

DISEÑO

Fuerza Cortante en el piso o nivel que se encuentra el muro	*Fi*=	1,242.80	KN	
Peso de la placa de entrepiso del nivel que se encuentra el muro	*wi*=	1,767.50	KN	
Aceleración Horizontal	*ax=Fi/Wi*=	0.70	g	ok< 2 Sa
Fuerza horizontal de diseño del muro	*Fp=(ax*ap)/Rp*g*Mp*	1.01	KN/m	ok > Aa I/2 g Mp
Momento de diseño actuante en el muro	*Mi=Fp*H²/8*=	1.14	KN-m	
Fuerza Cortante por metro de longitud	*Vi=Fp*H/2*=	1.52	KN	
Separación entre columnetas o refuerzo	S=	2.0	m	
Ancho de columnetas	b=	0.12	m	
Largo de Columnetas (igual que el espesor del muro)	t=	0.12	m	
Area sección columneta	Ac=	0.014	m²	
Momento actuante en cada columneta	*M=Mi*S*=	2.28	KN-m	
Area de cortante efectiva del muro	*Amv*=	120000	mm²	
Resistencia a Cortante en la dirección perpendicular del muro	*ØVn=Ø1/6Amv*(f'm)^0.5*=	60	KN	*ok >Vi*
Cortante actuante en cada columneta	V=Vi*S=	3.04	KN	*ok >Vi*

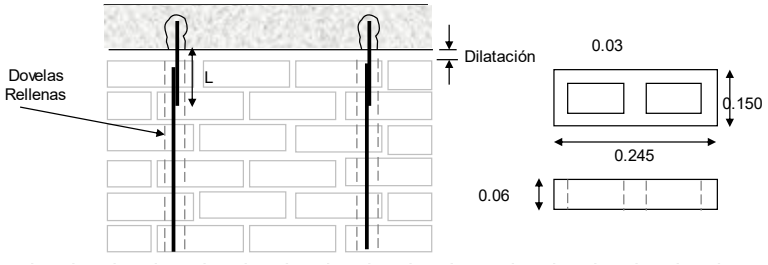
Fuerzas actuante sobre el refuerzo de anclaje



Número de la varilla de anclaje	#=	4	
Cantidad de Varillas	CANT=	2	
Diámetro de la varilla de anclaje	D=	12.70	mm
Longitud libre de la varilla de anclaje	L=	100	mm
Esfuerzo de Fluencia del refuerzo	fy=	420	MPa

Fuerza Cortante Resistente del refuerzo de anclaje

$V=\pi D^3 fy /(16 L)$ = 3.38 KN ok

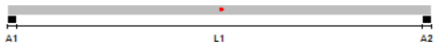


3.5.2 DISEÑO CORREAS

REPORTE DE CORREAS

PHR C con atiesador 150 x 50 x 17 (2.50 mm)
con Fy = 35.15 Kgf/mm² cada 1.10 m con arriostramiento cada L/2.

SECCION LONGITUDINAL



L1	3.40 m
A1	0.05 m
A2	0.05 m

CONFIGURACION	
TIPO DE CARGA	DISTRIBUIDA
Carga muerta	0.07 Ton/m²
Peso propio correa	0.01 Ton/m
Carga viva	0.05 Ton/m²
Carga granizo	0.00 Ton/m²
Viento compresión (Perpendicular)	0.04 Ton/m²
Viento succión (Perpendicular)	0.04 Ton/m²
Pendiente sección transversal	16° = 28.6750%

SECCION TRANSVERSAL



L = 1.10 m

REPORTES DE DISEÑO

REPORTE FLEXION				
	Apoyos		Interiores	
Ejes locales	3	2	3	2
Resistente (Ton.m)	0.9532	0.1863	0.7928	0.1849
Calculado (Ton.m)	9.3750E-08	3.1250E-09	0.3039	0.0194

REPORTE CORTANTE		
Ejes locales	2	3
Resistente (Ton)	6.7627	3.5066
Calculado (Ton)	0.3489	0.0449

REPORTE DEFLEXION		
Deflexiones máximas	Instantanea	Permanente
Admisible (m)	0.0129	0.0000
Calculado (m)	0.0022	0.0000

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M.P 22202221866 COR
Contratista Dirección Departamental de Proyectos
Gobernación de Córdoba

MEMORIA DE ANÁLISIS Y DISEÑO ESTRUCTURAL

DATOS DEL PROYECTO	
OBJETO:	ESTUDIOS Y DISEÑOS ESTRUCTURALES DE LA EDIFICACIÓN UBICADA EN EL MUNICIPIO DE PLANETA RICA DEPARTAMENTO DE CÓRDOBA.
SOLICITANTE:	GOBERNACIÓN DE CÓRDOBA
DIRECCIÓN:	MUNICIPIO DE PLANETA RICA
MUNICIPIO:	PLANETA RICA
DEPARTAMENTO:	CÓRDOBA
FECHA:	OCTUBRE DE 2025

INGENIERO RESPONSABLE	
NOMBRE:	OSCAR DAVID MORENO COGOLLO
CEDULA:	1.073.819.714
MATRICULA PROF.:	22202221866 COR
DEPENDENCIA:	CONTRATISTA DEPARTAMENTO ADMINISTRATIVO DE PLANEACIÓN – GOBERNACIÓN DE CÓRDOBA
CELULAR:	3014262269
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1. LICEO PLANETA RICA – BLOQUE F

Estudios y diseños estructurales de la edificación ubicada en el municipio de Planeta Rica departamento de Córdoba.

1.1 DESCRIPCION DEL PROYECTO Y SISTEMA ESTRUCTURAL

No. Pisos	Área (m^2)	Tipo de Estructura	Descripción
2	307.00	Pórticos en Concreto	La estructura tiene un pórtico tridimensional de concreto reforzado con elementos en los dos sentidos principales, con columnas de sección 0.45x0.45m, y vigas de secciones 0.30x0.35m a 0.30x0.45m. La placa del segundo piso es aligerada con viguetas de sección 0.12x0.35m. Un sector de la cubierta es losa maciza de espesor 0.10m, y el otro sector es cubierta liviana apoyada en perfiles metálicos tipo C.

1.2 CIMENTACION

La cimentación de la estructura son zapatas aisladas de secciones 1.10x1.10m a 1.50x1.50m, y altura de 0.40m, con vigas de amarre de sección de 0.30x0.40m que vinculan todas las columnas de la estructura. La cimentación se encuentra localizada a una profundidad de 1.00m. La capacidad portante para zapatas es 17.00Ton/m2.

1.3 MATERIALES

Concretos

Bloque	f´c Ton/m2	Ec Ton/m2
BLOQUE F	2100.00	2153811.00

El módulo de elasticidad del concreto Ec se ha calculado con las formulaciones de la norma:

$$Ec = 4700\sqrt{f'c}\,(MPa)$$

Acero de Refuerzo

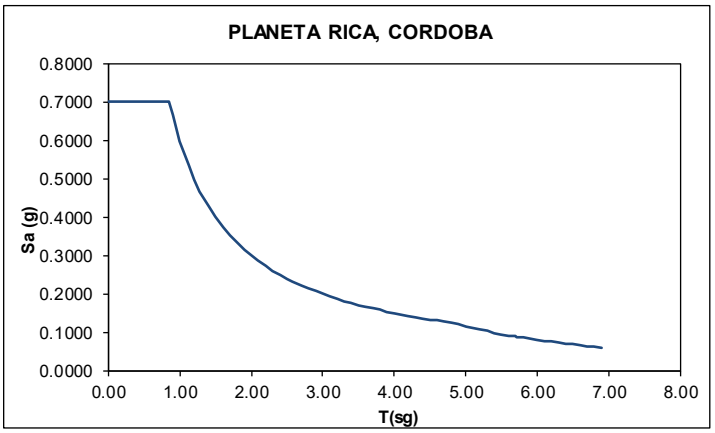
El refuerzo longitudinal y transversal, acero corrugado Grado 60 con punto de fluencia fy=42000Ton/m2. El módulo de elasticidad de este acero es Es= 20´390.000 Ton/m2.

1.4 ZONA DE MICROZONIFICACIÓN SISMICA

Esta parte incluye la evaluación del Espectro de Diseño Sísmico, acorde según NSR-10. Este espectro se afecta por el Coeficiente de Importancia (I).

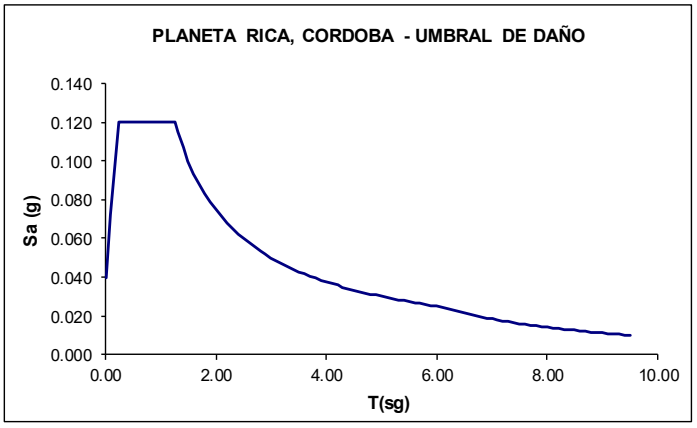
PARAMETROS SISMICOS
Region: PLANETA RICA, CORDOBA

	PLANETA RICA, CORDOBA
Tc	0.85
TL	4.80
Aa	0.15
Av	0.20
Fa	1.50
Fv	2.00
I	1.25
Samax =	0.7031



PARAMETROS SISMICOS
Region: PLANETA RICA, CORDOBA - UMBRAL DE DAÑO

	PLANETA RICA, CORDOBA
Ad	0.04
Ae	0.08
Fv	2.00
S	2.50
Tcd	1.25
TLd	6.00
I	1.25
Sadmax	0.12



1.5 EVALUACIÓN DE IRREGULARIDADES

Con el objeto de establecer el comportamiento de la edificación ante cargas sísmicas, se evalúan sus irregularidades en planta y en altura. En la siguiente tabla se determinan los grados de irregularidad según el Titulo A de la NSR-10 tablas A.3-6 y A.3-7.

ϕa: Irregularidad en altura ϕp: Irregularidad en planta

Bloque	ϕa	Descripción	ϕp	Descripción
BLOQUE F	1.0	Estructura de dos pisos no presenta irregularidad en altura.	1.0	Estructura con forma rectangular no presenta irregularidades en planta.

1.6 DETERMINACIÓN DE Sa y Ro.

CALCULO DEL CORTANTE SISMICO

Ct =	0.047
α =	0.900
Av =	0.200
Fv =	2.000

Para porticos resistentes a momentos de concreto

Cu = 1.27 Cu = 1.27 Periodo Etabs

Ta = Ct * $Hn^{(\alpha)}$ Hn= **6.80 m** T = **0.413 sg**

Ta= 0.26 sg Sa = **0.7031**

Cu Ta = 0.34 sg

10%Cu Ta = 0.37 sg

R = Ro Φp Φa Φr Φp= 1.00

Ro = **5.00** Φa= 1.00

Φr= 0.75

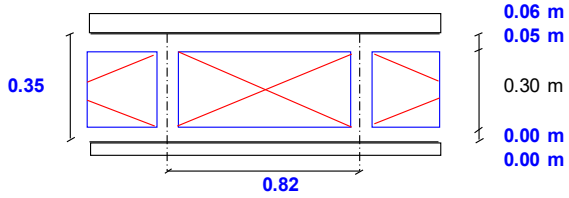
R = **3.75**

Peso total del edificio= **234.98T** Cortante en la base= 165.22T

1.7 EVALUACIÓN DE CARGAS VERTICALES Y SISMICAS

1.7.1 CARGAS VERTICALES

CARGAS SOBRE LOSA ALIGERADA SEGUNDO PISO



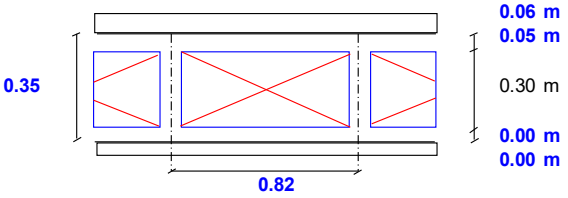
PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Espesor m	Densidad T/m³	Peso Ton/m²	NSR 10 CAP B-3
Viguetas	0.12	2.40	0.105	B.3.2
Losa superior	0.05	2.40	0.120	B.3.2
Alistado	0.06	2.10	0.126	B.3.2
Caseton			0.022	
Muros Mamposteria		1.80	0.100	B.3.4.2
Losa inferior	0.00	2.40	0.000	B.3.2
Cielorraso	0.00	2.10	0.025	B.3.2
Instalaciones			0.010	
Total			**0.51T/m²**	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
SALONES	**0.20T/m²**	

CARGAS SOBRE LOSA ALIGERADA SEGUNDO PISO



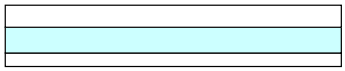
PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Espesor m	Densidad T/m³	Peso Ton/m²	NSR 10 CAP B-3
Viguetas	0.12	2.40	0.105	B.3.2
Losa superior	0.05	2.40	0.120	B.3.2
Alistado	0.06	2.10	0.126	B.3.2
Caseton			0.022	
Muros Mamposteria		1.80	0.000	B.3.4.2
Losa inferior	0.00	2.40	0.000	B.3.2
Cielorraso	0.00	2.10	0.025	B.3.2
Instalaciones			0.010	
Total			**0.41T/m²**	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
CORREDORES	**0.50T/m²**	

CARGAS SOBRE LOSA MACIZA NE+9.60



0.03 m
0.10 m
0.00 m

PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Espesor m	Densidad T/m³	Peso Ton/m²	NSR 10 CAP B-3
Losa Maciza	0.10	2.40	0.240	B.3.2
Alistado	0.03	2.10	0.063	B.3.2
Muros Mamposteria		1.80	0.000	B.3.4.2
Impermeabilizacion			0.015	B.3.3
Instalaciones			0.005	
Total			0.32T/m²	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
LIVIANA	0.05T/m²	

CARGAS SOBRE CUBIERTA



PESO DE ELEMENTOS NO ESTRUCTURALES

Item	Peso Ton/m²	NSR 10 CAP B-4
Teja tipo sandwich	0.013	B.3.3
Correas	0.030	
Iluminacion	0.005	
Cielorraso	0.020	
Total	0.07T/m²	

Cargas vivas

	Unitaria	NSR 10 CAP B-4
Cubierta, pendiente menor al 20%	0.05T/m²	

1.7.2 CARGAS HORIZONTALES (SÍSMICAS)

El efecto de la torsión accidental se considera en el programa ETABS cuando en las combinaciones de carga sísmicas (SISMOX, SISMOY) se afecta la dirección en análisis por 0.05. Ver Define Response Spectra en el archivo base.

1.8 DESCRIPCIÓN DE LA METODOLOGÍA DEL ANÁLISIS SISMICO

La modelación matemática se realizó en el programa ETABS. Los modelos reflejan la configuración tridimensional de la edificación. El método de análisis del sistema de resistencia sísmica es por el método de Fuerza Horizontal Equivalente. El alcance del modelo matemático abarca el análisis de vigas y columnas, en el rango elástico.

2 DATOS DE ENTRADA DE LOS MODELOS DE CÁLCULO Y DISEÑO

```
$ File D:\Users\Isabella\Desktop\PROYECTOS\2024\02-INGENIEROS\19-
LUCHO\INGENIERIA\MOD_BL F PLANETA RICA.$et saved 11/10/2024 10:47:48 a.
m.

$ PROGRAM INFORMATION
  PROGRAM  "ETABS"  VERSION "18.1.1"

$ CONTROLS
  UNITS  "TONF"  "M"  "C"
  TITLE2  "MOD_LA ESMERALDA AJUSTE"
  PREFERENCE  MERGETOL 0.001
  RLLF  METHOD "UBC97"  USEDEFAULTMIN "YES"

$ STORIES - IN SEQUENCE FROM TOP
  STORY "NE+6.80"  HEIGHT 3.35
  STORY "NE+3.45"  HEIGHT 3.45
  STORY "Base"  ELEV 0

$ GRIDS
  GRIDSYSTEM "G1"  TYPE "CARTESIAN"  BUBBLESIZE 1
  GENGRID "G1"  LABEL "1"  X1 0 Y1 -0.95 X2 0 Y2 18.3 VISIBLE "Yes"
BUBBLELOC "End"
  GENGRID "G1"  LABEL "2"  X1 4.03 Y1 -0.95 X2 4.03 Y2 18.3 VISIBLE "Yes"
BUBBLELOC "End"
  GENGRID "G1"  LABEL "3"  X1 8.71 Y1 -0.95 X2 8.71 Y2 18.3 VISIBLE "Yes"
BUBBLELOC "End"
  GENGRID "G1"  LABEL "A"  X1 0 Y1 0 X2 8.71 Y2 0 VISIBLE "Yes"
BUBBLELOC "Start"
  GENGRID "G1"  LABEL "B"  X1 0 Y1 3.15 X2 8.71 Y2 3.15 VISIBLE "Yes"
BUBBLELOC "Start"
  GENGRID "G1"  LABEL "C"  X1 0 Y1 6.7 X2 8.71 Y2 6.7 VISIBLE "Yes"
BUBBLELOC "Start"
  GENGRID "G1"  LABEL "D"  X1 0 Y1 10.25 X2 8.71 Y2 10.25 VISIBLE "Yes"
BUBBLELOC "Start"
  GENGRID "G1"  LABEL "E"  X1 0 Y1 13.8 X2 8.71 Y2 13.8 VISIBLE "Yes"
BUBBLELOC "Start"
  GENGRID "G1"  LABEL "F"  X1 0 Y1 17.35 X2 8.71 Y2 17.35 VISIBLE "Yes"
BUBBLELOC "Start"

$ DIAPHRAGM NAMES
  DIAPHRAGM "D1"    TYPE RIGID

$ MATERIAL PROPERTIES
  MATERIAL  "STEEL"    TYPE "Steel"    WEIGHTPERVOLUME 7.833414
```

```
  MATERIAL  "STEEL"    SYMTYPE "Isotropic"  E 2.038902E+07  U 0.3  A
1.169999999590917E-05
  MATERIAL  "STEEL"  FY 35153.48  FU 45699.53 FYE 38668.83  FUE 50269.48
  MATERIAL  "STEEL"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17
FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "CONC"    TYPE "Concrete"    WEIGHTPERVOLUME 8.68E-05
  MATERIAL  "CONC"    SYMTYPE "Isotropic"  E 3600  U 0.2  A
5.500000004295725E-06
  MATERIAL  "CONC"    FC 4
  MATERIAL  "CONC"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC"  HYSTYPE "Takeda"  SSTYPE "Simple"  STRAINATFC
0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006
CPCOMPRESSION 0.015
  MATERIAL  "OTHER"    TYPE "Other"    WEIGHTPERVOLUME 7.833414
  MATERIAL  "OTHER"    SYMTYPE "Isotropic"  E 2.038902E+07  U 0.3  A
1.169999999590917E-05
  MATERIAL  "OTHER"  DESIGNTYPE "OTHER"
  MATERIAL  "OTHER"  HYSTYPE "Elastic"  IOTENSION 0.01 LSTENSION 0.02
CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
IGNORETENSIONACCEPTANCE "No"
  MATERIAL  "OTHER"  STRAIN -1 STRESS -1
  MATERIAL  "OTHER"  STRAIN 0 STRESS 0 POINTID "A"
  MATERIAL  "OTHER"  STRAIN 1 STRESS 1
  MATERIAL  "CONC21"    TYPE "Concrete"    WEIGHTPERVOLUME 2.4
  MATERIAL  "CONC21"    SYMTYPE "Isotropic"  E 2153811  U 0.2  A
9.899999988542412E-06
  MATERIAL  "CONC21"    FC 2100
  MATERIAL  "CONC21"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC21"  HYSTYPE "Takeda"  SSTYPE "Simple"  STRAINATFC
0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1 IOTENSION 0.01
LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION 0.006
CPCOMPRESSION 0.015
  MATERIAL  "A615Gr60"    TYPE "Rebar"    WEIGHTPERVOLUME 7.849048
  MATERIAL  "A615Gr60"    SYMTYPE "Uniaxial"  E 2.038902E+07  A
1.169999999590917E-05
  MATERIAL  "A615Gr60"  FY 42184.18  FU 63276.27 FYE 42184.18  FUE
63276.27
  MATERIAL  "A615Gr60"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.01 STRAINATULTIMATE 0.09 FINALSLOPE -0.1 IOTENSION
0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01
CPCOMPRESSION 0.02
  MATERIAL  "A416Gr270"    TYPE "Tendon"    GRADE "Grade 270"
WEIGHTPERVOLUME 7.849048
  MATERIAL  "A416Gr270"    SYMTYPE "Uniaxial"  E 2.003748E+07  A
1.169999999590917E-05
  MATERIAL  "A416Gr270"  FY 172322.4  FU 189828.8
  MATERIAL  "A416Gr270"  HYSTYPE "Kinematic"  SSTYPE "270ksi"  FINALSLOPE
-0.1 IOTENSION 0.015 LSTENSION 0.023 CPTENSION 0.03 IOCOMPRESSION 0.015
LSCOMPRESSION 0.023 CPCOMPRESSION 0.03

$ REBAR DEFINITIONS
  REBARDEFINITION  "#2"  AREA  3.2258E-05 DIA  0.00635
  REBARDEFINITION  "#3"  AREA  7.09676E-05 DIA  0.009525
  REBARDEFINITION  "#4"  AREA  0.000129032 DIA  0.0127
  REBARDEFINITION  "#5"  AREA  0.0001999996 DIA  0.015875
  REBARDEFINITION  "#6"  AREA  0.0002838704 DIA  0.01905
  REBARDEFINITION  "#7"  AREA  0.000387096 DIA  0.022225
  REBARDEFINITION  "#8"  AREA  0.0005096764 DIA  0.0254
  REBARDEFINITION  "#9"  AREA  0.00064516 DIA  0.0286512
  REBARDEFINITION  "#10"  AREA  0.0008193532 DIA  0.032258
  REBARDEFINITION  "#11"  AREA  0.00100645 DIA  0.035814
  REBARDEFINITION  "#14"  AREA  0.00145161 DIA  0.0430022
  REBARDEFINITION  "#18"  AREA  0.00258064 DIA  0.0573278
  REBARDEFINITION  "10M"  AREA  0.0001 DIA  0.0113
  REBARDEFINITION  "15M"  AREA  0.0002 DIA  0.016
  REBARDEFINITION  "20M"  AREA  0.0003 DIA  0.0195
  REBARDEFINITION  "25M"  AREA  0.0005 DIA  0.0252
  REBARDEFINITION  "30M"  AREA  0.0007 DIA  0.0299
  REBARDEFINITION  "35M"  AREA  0.001 DIA  0.0357
  REBARDEFINITION  "45M"  AREA  0.0015 DIA  0.0437
  REBARDEFINITION  "55M"  AREA  0.0025 DIA  0.0564
  REBARDEFINITION  "6d"  AREA  2.83E-05 DIA  0.006
  REBARDEFINITION  "8d"  AREA  5.03E-05 DIA  0.008
  REBARDEFINITION  "10d"  AREA  7.85E-05 DIA  0.01
  REBARDEFINITION  "12d"  AREA  0.000113 DIA  0.012
  REBARDEFINITION  "14d"  AREA  0.000154 DIA  0.014
  REBARDEFINITION  "16d"  AREA  0.000201 DIA  0.016
  REBARDEFINITION  "20d"  AREA  0.000314 DIA  0.02
  REBARDEFINITION  "25d"  AREA  0.000491 DIA  0.025
  REBARDEFINITION  "26d"  AREA  0.000531 DIA  0.026
  REBARDEFINITION  "28d"  AREA  0.000616 DIA  0.028
  REBARDEFINITION  "N12"  AREA  0.000113 DIA  0.012
  REBARDEFINITION  "N16"  AREA  0.000201 DIA  0.016
  REBARDEFINITION  "N20"  AREA  0.000314 DIA  0.02
  REBARDEFINITION  "N24"  AREA  0.000452 DIA  0.024
  REBARDEFINITION  "N28"  AREA  0.000616 DIA  0.028
  REBARDEFINITION  "N32"  AREA  0.000804 DIA  0.032
  REBARDEFINITION  "N36"  AREA  0.00102 DIA  0.036

$ FRAME SECTIONS
  FRAMESECTION  "C45X60"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.6 B 0.45 NOTIONALUSERVALUE 1
  FRAMESECTION  "V30X35"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.35 B 0.3 NOTIONALUSERVALUE 1
  FRAMESECTION  "V12X35"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.35 B 0.12 NOTIONALUSERVALUE 1
  FRAMESECTION  "V35X45"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.45 B 0.35 NOTIONALUSERVALUE 1
  FRAMESECTION  "V30X40"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.4 B 0.3 NOTIONALUSERVALUE 1
  FRAMESECTION  "C45X45"  MATERIAL "CONC21"  SHAPE "Concrete Rectangular"
D 0.45 B 0.45 NOTIONALUSERVALUE 1
  FRAMESECTION  "C45X60"  I2MOD 0.7 I3MOD 0.7
  FRAMESECTION  "V30X35"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "V12X35"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "V35X45"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "V30X40"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "C45X45"  I2MOD 0.7 I3MOD 0.7

$ CONCRETE SECTIONS
  CONCRETESECTION  "C45X60"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Column"  PATTERN "R-3-3"  TRANSREINF
"TIES"  DESIGNCHECK "DESIGN"  COVER 0.04 LONGBARAREA 0.00064516
CONFINEBARAREA 3.2258E-05 CONFINEBARSPACING 0.15 NUMCONFINEBARS3 3
NUMCONFINEBARS2 3
  CONCRETESECTION  "V30X35"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "V12X35"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "V35X45"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "V30X40"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Beam"  COVERTOP 0.04 COVERBOTTOM
0.04 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "C45X45"  LONGBARMATERIAL "A615Gr60"
CONFINEBARMATERIAL "A615Gr60"  TYPE "Column"  PATTERN "R-3-3"  TRANSREINF
"TIES"  DESIGNCHECK "DESIGN"  COVER 0.04 LONGBARAREA 0.00064516
CONFINEBARAREA 3.2258E-05 CONFINEBARSPACING 0.15 NUMCONFINEBARS3 3
NUMCONFINEBARS2 3

$ TENDON SECTIONS
  TENDONSECTION  "Tendon1"  MATERIAL  "A416Gr270"  STRANDAREA  9.870948E-
05

$ SECTION DESIGNER SECTIONS

$ SLAB PROPERTIES
  SHELLPROP  "LOSA"  PROPTYPE  "Slab"  MATERIAL "CONC21"  MODELINGTYPE
"Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS 0.0001
NOTIONALUSERVALUE 1
  SHELLPROP  "PLANK1"  PROPTYPE  "Slab"  MATERIAL "CONC21"  MODELINGTYPE
"Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"  SLABTHICKNESS 0.25
NOTIONALUSERVALUE 1
  SHELLPROP  "PLANK1"  F11MOD 0.01 F22MOD 0.01

$ DECK PROPERTIES
  SHELLPROP  "DECK1"  PROPTYPE  "Deck"  DECKTYPE "Filled"  CONCMATERIAL
"CONC21"  DECKMATERIAL "STEEL"  DECKSLABDEPTH 0.0889 DECKRIBDEPTH 0.0762
DECKRIBWIDTHTOP 0.1524 DECKRIBWIDTHBOTTOM 0.1524 DECKRIBSPACING 0.3048
DECKSHEARTHICKNESS 0.000889 DECKUNITWEIGHT 0.01122958 SHEARSTUDDIAM
0.01905 SHEARSTUDHEIGHT 0.1524 SHEARSTUDFU 42184.18

$ WALL PROPERTIES
  SHELLPROP  "WALL1"  PROPTYPE  "Wall"  MATERIAL "CONC21"  MODELINGTYPE
"ShellThin"  WALLTHICKNESS 0.25 NOTIONALUSERVALUE 1
  SHELLPROP  "E 20"  PROPTYPE  "Wall"  MATERIAL "CONC21"  MODELINGTYPE
"ShellThin"  WALLTHICKNESS 0.2 NOTIONALUSERVALUE 1

$ LINK PROPERTIES
  LINKPROP  "NLPR1"  TYPE "DAMPER - EXPONENTIAL"
  LINKPROP  "NLPR1"  DOF "U1"

$ PANEL ZONE PROPERTIES
  PANELZONE  "PZone1"  PZENDOFFSETSRIGID  "No"  PZACTIVEDIRECTIONS
"Both"  PZTYPE  "From Column"
  PANELZONE  "PZone1"  PZDOUBLER  0

$ PIER/SPANDREL NAMES
  PIERNAME  "P1"
  SPANDRELNAME  "S1"

$ POINT COORDINATES
  POINT "1"  4.03 -0.95
  POINT "2"  8.71 -0.95
  POINT "3"  4.03 0
  POINT "4"  8.71 0
  POINT "5"  0 3.15
  POINT "6"  4.03 3.15
  POINT "7"  8.71 3.15
  POINT "8"  0 6.7
  POINT "9"  8.71 6.7
  POINT "10"  0 10.25
  POINT "11"  8.71 10.25
  POINT "12"  0 13.8
  POINT "13"  8.71 13.8
  POINT "14"  0 17.35
  POINT "15"  4.03 17.35
  POINT "16"  8.71 17.35

$ LINE CONNECTIVITIES
  LINE  "C1"  COLUMN  "3"  "3"  1
  LINE  "C2"  COLUMN  "4"  "4"  1
  LINE  "C3"  COLUMN  "5"  "5"  1
  LINE  "C4"  COLUMN  "6"  "6"  1
  LINE  "C5"  COLUMN  "7"  "7"  1
  LINE  "C6"  COLUMN  "8"  "8"  1
  LINE  "C7"  COLUMN  "9"  "9"  1
  LINE  "C8"  COLUMN  "10"  "10"  1
  LINE  "C9"  COLUMN  "11"  "11"  1
  LINE  "C10"  COLUMN  "12"  "12"  1
  LINE  "C11"  COLUMN  "13"  "13"  1
  LINE  "C12"  COLUMN  "14"  "14"  1
  LINE  "C13"  COLUMN  "15"  "15"  1
  LINE  "C14"  COLUMN  "16"  "16"  1
  LINE  "B1"  BEAM  "1"  "2"  0
  LINE  "B2"  BEAM  "1"  "3"  0
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  LINE  "B3"  BEAM  "2"  "4"  0
  LINE  "B4"  BEAM  "3"  "4"  0
  LINE  "B5"  BEAM  "3"  "6"  0
  LINE  "B6"  BEAM  "4"  "7"  0
  LINE  "B7"  BEAM  "5"  "6"  0
  LINE  "B8"  BEAM  "6"  "7"  0
  LINE  "B9"  BEAM  "5"  "8"  0
  LINE  "B10"  BEAM  "7"  "9"  0
  LINE  "B11"  BEAM  "8"  "9"  0
  LINE  "B12"  BEAM  "8"  "10"  0
  LINE  "B13"  BEAM  "9"  "11"  0
  LINE  "B14"  BEAM  "10"  "11"  0
  LINE  "B15"  BEAM  "10"  "12"  0
  LINE  "B16"  BEAM  "11"  "13"  0
  LINE  "B17"  BEAM  "12"  "13"  0
  LINE  "B18"  BEAM  "12"  "14"  0
  LINE  "B19"  BEAM  "13"  "16"  0
  LINE  "B20"  BEAM  "14"  "15"  0
  LINE  "B21"  BEAM  "15"  "16"  0

$ AREA CONNECTIVITIES
  AREA "F1"  FLOOR  6  "1"  "3"  "6"  "7"  "4"  "2"  0  0  0  0  0  0
  AREA "F2"  FLOOR  12  "5"  "8"  "10"  "12"  "14"  "15"  "16"  "13"
"11"  "9"  "7"  "6"  0  0  0  0  0  0  0  0  0  0  0  0

$ GROUPS
  GROUP "DER"
  GROUP "DER"  POINT "3"  "NE+3.45"
  GROUP "DER"  POINT "5"  "NE+3.45"
  GROUP "DER"  POINT "8"  "NE+3.45"
  GROUP "DER"  POINT "4"  "NE+3.45"
  GROUP "DER"  POINT "7"  "NE+3.45"
  GROUP "DER"  POINT "9"  "NE+3.45"
  GROUP "DER"  POINT "3"  "NE+6.80"
  GROUP "DER"  POINT "4"  "NE+6.80"
  GROUP "DER"  POINT "5"  "NE+6.80"
  GROUP "DER"  POINT "7"  "NE+6.80"
  GROUP "DER"  POINT "8"  "NE+6.80"
  GROUP "DER"  POINT "9"  "NE+6.80"
  GROUP "DER"  POINT "6"  "NE+3.45"
  GROUP "DER"  POINT "6"  "NE+6.80"
  GROUP "DER"  POINT "10"  "NE+3.45"
  GROUP "DER"  POINT "11"  "NE+3.45"
  GROUP "DER"  POINT "10"  "NE+6.80"
  GROUP "DER"  POINT "11"  "NE+6.80"
  GROUP "DER"  POINT "12"  "NE+3.45"
  GROUP "DER"  POINT "13"  "NE+3.45"
  GROUP "DER"  POINT "12"  "NE+6.80"
  GROUP "DER"  POINT "13"  "NE+6.80"
  GROUP "DER"  POINT "14"  "NE+3.45"
  GROUP "DER"  POINT "15"  "NE+3.45"
  GROUP "DER"  POINT "16"  "NE+3.45"
  GROUP "DER"  POINT "14"  "NE+6.80"
  GROUP "DER"  POINT "15"  "NE+6.80"
  GROUP "DER"  POINT "16"  "NE+6.80"
  GROUP "DER"  LINE "C1"  "NE+3.45"
  GROUP "DER"  LINE "C2"  "NE+3.45"
  GROUP "DER"  LINE "C3"  "NE+3.45"
  GROUP "DER"  LINE "C5"  "NE+3.45"
  GROUP "DER"  LINE "C6"  "NE+3.45"
  GROUP "DER"  LINE "C7"  "NE+3.45"
  GROUP "DER"  LINE "C1"  "NE+6.80"
  GROUP "DER"  LINE "C2"  "NE+6.80"
  GROUP "DER"  LINE "C3"  "NE+6.80"
  GROUP "DER"  LINE "C5"  "NE+6.80"
  GROUP "DER"  LINE "C6"  "NE+6.80"
  GROUP "DER"  LINE "C7"  "NE+6.80"
  GROUP "DER"  LINE "C4"  "NE+3.45"
  GROUP "DER"  LINE "C4"  "NE+6.80"
  GROUP "DER"  LINE "C8"  "NE+3.45"
  GROUP "DER"  LINE "C9"  "NE+3.45"
  GROUP "DER"  LINE "C8"  "NE+6.80"
  GROUP "DER"  LINE "C9"  "NE+6.80"
  GROUP "DER"  LINE "C10"  "NE+3.45"
  GROUP "DER"  LINE "C11"  "NE+3.45"
  GROUP "DER"  LINE "C10"  "NE+6.80"
  GROUP "DER"  LINE "C11"  "NE+6.80"
  GROUP "DER"  LINE "C12"  "NE+3.45"
  GROUP "DER"  LINE "C14"  "NE+3.45"
  GROUP "DER"  LINE "C12"  "NE+6.80"
  GROUP "DER"  LINE "C14"  "NE+6.80"
  GROUP "DER"  LINE "C13"  "NE+3.45"
  GROUP "DER"  LINE "C13"  "NE+6.80"

$ POINT ASSIGNS
  POINTASSIGN  "3"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "3"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "4"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "5"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "5"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "6"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "7"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "8"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "9"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "8"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "4"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "7"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "9"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "3"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "4"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "5"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "6"  "NE+6.80"  DIAPH "DISCONNECTED"
  POINTASSIGN  "7"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "8"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "9"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "6"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"
  POINTASSIGN  "2"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "2"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "1"  "NE+3.45"  DIAPH "D1"
  POINTASSIGN  "1"  "NE+6.80"  DIAPH "DISCONNECTED"
  POINTASSIGN  "10"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "11"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "10"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "11"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "10"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "11"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "12"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "13"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "12"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "13"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "12"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "13"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "14"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "14"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "15"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "16"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "16"  "NE+3.45"  DIAPH "D1"  USERJOINT  "Yes"
  POINTASSIGN  "14"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "15"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "16"  "NE+6.80"  DIAPH "DISCONNECTED"  USERJOINT  "Yes"
  POINTASSIGN  "15"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  DIAPH
"DISCONNECTED"  USERJOINT  "Yes"

$ LINE ASSIGNS
  LINEASSIGN  "C1"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C2"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C3"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C5"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C6"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C7"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B4"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B7"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B8"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B11"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B9"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B5"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B6"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B10"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C1"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C2"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C3"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C5"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C6"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C7"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B4"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B7"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B8"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B11"  "NE+6.80"  SECTION "V30X40"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B9"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B5"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B6"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B10"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C4"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B3"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B3"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C4"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
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  LINEASSIGN  "B2"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B2"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B1"  "NE+3.45"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C8"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C9"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B14"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C8"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C9"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B14"  "NE+6.80"  SECTION "V30X40"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C10"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C11"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B17"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C10"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C11"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B17"  "NE+6.80"  SECTION "V30X40"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C12"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C14"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B20"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B21"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C12"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C14"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B20"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "B21"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"  FLOORMESH "Yes"
  LINEASSIGN  "C13"  "NE+3.45"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C13"  "NE+6.80"  SECTION "C45X45"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B12"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B12"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B15"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B15"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B18"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B18"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B13"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B13"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B16"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B16"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B19"  "NE+3.45"  SECTION "V35X45"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B19"  "NE+6.80"  SECTION "V30X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B1"  "NE+6.80"  SECTION "V12X35"  CARDINALPT 8  MINNUMSTA
3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"

$ AREA ASSIGNS
  AREAASSIGN  "F1"  "NE+3.45"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"
  AREAASSIGN  "F2"  "NE+3.45"  SECTION "LOSA"  ANG 90 OBJMESHTYPE
"DEFAULT"  CARDINALPOINT "TOP"  TRANSFORMSTIFFNESSFOROFFSETS "No"

$ LOAD PATTERNS
  LOADPATTERN "PPROPIO"  TYPE  "Dead"  SELFWEIGHT  1
  LOADPATTERN "MUERTA"  TYPE  "Dead"  SELFWEIGHT  0
  LOADPATTERN "VIVA"  TYPE  "Live"  SELFWEIGHT  0
  LOADPATTERN "SISMOX"  TYPE  "Seismic"  SELFWEIGHT  0
  LOADPATTERN "SISMOY"  TYPE  "Seismic"  SELFWEIGHT  0
  SEISMIC "SISMOX"  "User Coefficient"    DIR "X+ECC"  ECC 0.05  TOPSTORY
"NE+6.80"    BOTTOMSTORY "Base"    SHEARCOEFF 0.7031  HEIGHTEXPONENT 1
  SEISMIC "SISMOY"  "User Coefficient"    DIR "Y+ECC"  ECC 0.05  TOPSTORY
"NE+6.80"    BOTTOMSTORY "Base"    SHEARCOEFF 0.7031  HEIGHTEXPONENT 1

$ POINT OBJECT LOADS

$ FRAME OBJECT LOADS
  LINELOAD  "B7"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B9"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B5"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B6"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B10"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B7"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.14
  LINELOAD  "B7"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.1
  LINELOAD  "B7"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B8"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.28
  LINELOAD  "B8"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.2
  LINELOAD  "B8"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B11"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.28
  LINELOAD  "B11"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.2
  LINELOAD  "B9"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.09
  LINELOAD  "B9"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B5"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.18
  LINELOAD  "B5"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B6"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.18
  LINELOAD  "B6"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B10"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.18
  LINELOAD  "B10"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B3"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B3"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B2"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.24
  LINELOAD  "B2"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B14"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.28
  LINELOAD  "B14"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.2
  LINELOAD  "B17"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.28
  LINELOAD  "B17"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.2
  LINELOAD  "B20"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B21"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B20"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.14
  LINELOAD  "B20"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.1
  LINELOAD  "B20"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B21"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.14
  LINELOAD  "B21"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.1
  LINELOAD  "B21"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B12"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B12"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B15"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B15"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B18"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B18"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B13"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B13"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B16"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B16"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B19"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.73
  LINELOAD  "B19"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37
  LINELOAD  "B1"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.14
  LINELOAD  "B1"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.1
  LINELOAD  "B1"  "NE+6.80"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.37

$ SHELL OBJECT LOADS
  AREALOAD  "F1"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.41
  AREALOAD  "F1"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.5
  AREALOAD  "F2"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "MUERTA"  FVAL
0.51
  AREALOAD  "F2"  "NE+3.45"  TYPE "UNIFF"  DIR "GRAV"  LC "VIVA"  FVAL
0.5
```

```
$ ANALYSIS OPTIONS
  ACTIVEDOF "UX UY UZ RX RY RZ"
  MODELHINGESINLINKS "No"
  PDELTA  METHOD "NONE"
  AUTORECTMESH  LOCALIZEDFLOORMESHING  "Yes"  FLOORMESHMERGEJOINTS  "Yes"
FLOORMESHMAXSIZE  1.25 WALLMESHMAXSIZE  1.25

$ MASS SOURCE
  MASSSOURCE  "MsSrc1"    INCLUDEELEMENTS "No"    INCLUDEADDEDMASS "No"
INCLUDELOADS "Yes"    INCLUDEMOVE "No"    INCLUDELATERALMASS "Yes"
INCLUDEVERTICALMASS "No"    LUMPATSTORIES "Yes"    ISDEFAULT "Yes"
  MASSSOURCELOAD  "MsSrc1"  "PPROPIO"  1
  MASSSOURCELOAD  "MsSrc1"  "MUERTA"  1

$ GENERALIZED DISPLACEMENTS

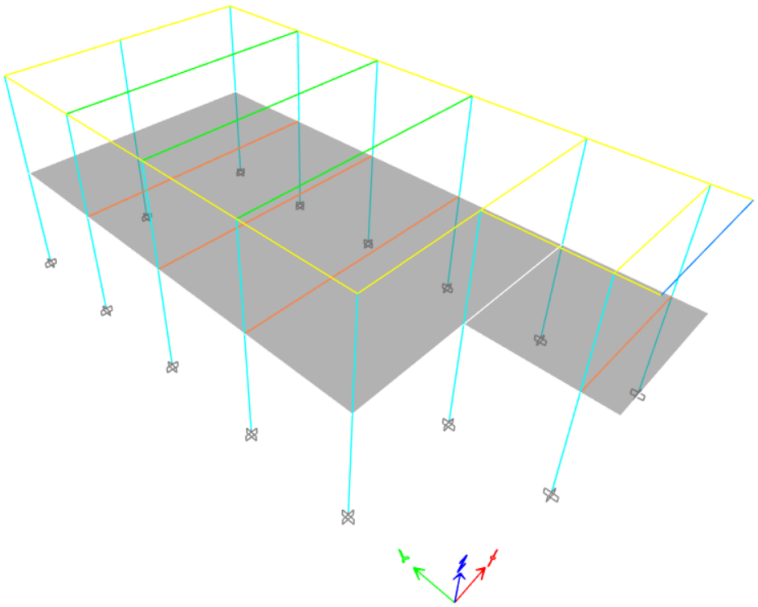
$ LOAD CASES
  LOADCASE "Modal"  TYPE  "Modal - Eigen"  INITCOND  "PRESET"
  LOADCASE "Modal"  MAXMODES  12 MINMODES  12 EIGENSHIFTFREQ  0
EIGENCUTOFF  0 EIGENTOL  1E-07
  LOADCASE "PPROPIO"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "PPROPIO"  LOADPAT  "PPROPIO"  SF  1
  LOADCASE "MUERTA"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "MUERTA"  LOADPAT  "MUERTA"  SF  1
  LOADCASE "VIVA"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "VIVA"  LOADPAT  "VIVA"  SF  1
  LOADCASE "SISMOX"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "SISMOX"  LOADPAT  "SISMOX"  SF  1
  LOADCASE "SISMOY"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "SISMOY"  LOADPAT  "SISMOY"  SF  1

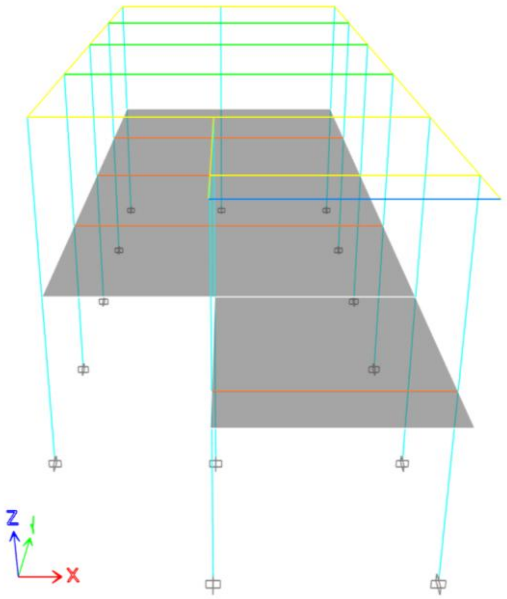
$ LOAD COMBINATIONS
  COMBO "COMB1"  TYPE "Linear Add"
  COMBO "COMB1"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB1"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB1"  LOADCASE "PPROPIO"  SF 1.4
  COMBO "COMB1"  LOADCASE "MUERTA"  SF 1.4
  COMBO "COMB2"  TYPE "Linear Add"
  COMBO "COMB2"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB2"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB2"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB2"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB2"  LOADCASE "VIVA"  SF 1.6
  COMBO "COMB3"  TYPE "Linear Add"
  COMBO "COMB3"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB3"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB3"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB3"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB3"  LOADCASE "VIVA"  SF 1
  COMBO "COMB3"  LOADCASE "SISMOX"  SF 0.27
  COMBO "COMB3"  LOADCASE "SISMOY"  SF 0.08
  COMBO "COMB4"  TYPE "Linear Add"
  COMBO "COMB4"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB4"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB4"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB4"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB4"  LOADCASE "VIVA"  SF 1
  COMBO "COMB4"  LOADCASE "SISMOX"  SF 0.27
  COMBO "COMB4"  LOADCASE "SISMOY"  SF -0.08
  COMBO "COMB5"  TYPE "Linear Add"
  COMBO "COMB5"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB5"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB5"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB5"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB5"  LOADCASE "VIVA"  SF 1
  COMBO "COMB5"  LOADCASE "SISMOX"  SF -0.27
  COMBO "COMB5"  LOADCASE "SISMOY"  SF -0.08
  COMBO "COMB6"  TYPE "Linear Add"
  COMBO "COMB6"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB6"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB6"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB6"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB6"  LOADCASE "VIVA"  SF 1
  COMBO "COMB6"  LOADCASE "SISMOX"  SF -0.27
  COMBO "COMB6"  LOADCASE "SISMOY"  SF 0.08
  COMBO "COMB7"  TYPE "Linear Add"
  COMBO "COMB7"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB7"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB7"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB7"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB7"  LOADCASE "VIVA"  SF 1
  COMBO "COMB7"  LOADCASE "SISMOX"  SF 0.08
  COMBO "COMB7"  LOADCASE "SISMOY"  SF 0.27
  COMBO "COMB8"  TYPE "Linear Add"
  COMBO "COMB8"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB8"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB8"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB8"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB8"  LOADCASE "VIVA"  SF 1
  COMBO "COMB8"  LOADCASE "SISMOX"  SF -0.08
  COMBO "COMB8"  LOADCASE "SISMOY"  SF 0.27
  COMBO "COMB9"  TYPE "Linear Add"
  COMBO "COMB9"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB9"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB9"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB9"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB9"  LOADCASE "VIVA"  SF 1
  COMBO "COMB9"  LOADCASE "SISMOX"  SF -0.08
  COMBO "COMB9"  LOADCASE "SISMOY"  SF -0.27
  COMBO "COMB10"  TYPE "Linear Add"
  COMBO "COMB10"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB10"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB10"  LOADCASE "PPROPIO"  SF 1.2
  COMBO "COMB10"  LOADCASE "MUERTA"  SF 1.2
  COMBO "COMB10"  LOADCASE "VIVA"  SF 1
  COMBO "COMB10"  LOADCASE "SISMOX"  SF 0.08
  COMBO "COMB10"  LOADCASE "SISMOY"  SF -0.27
  COMBO "COMB11"  TYPE "Linear Add"
  COMBO "COMB11"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB11"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB11"  LOADCASE "PPROPIO"  SF 0.9
  COMBO "COMB11"  LOADCASE "MUERTA"  SF 0.9
  COMBO "COMB11"  LOADCASE "SISMOX"  SF 0.27
  COMBO "COMB11"  LOADCASE "SISMOY"  SF 0.08
  COMBO "COMB12"  TYPE "Linear Add"
  COMBO "COMB12"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB12"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB12"  LOADCASE "PPROPIO"  SF 0.9
  COMBO "COMB12"  LOADCASE "MUERTA"  SF 0.9
  COMBO "COMB12"  LOADCASE "SISMOX"  SF 0.27
  COMBO "COMB12"  LOADCASE "SISMOY"  SF -0.08
  COMBO "COMB13"  TYPE "Linear Add"
  COMBO "COMB13"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB13"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB13"  LOADCASE "PPROPIO"  SF 0.9
  COMBO "COMB13"  LOADCASE "MUERTA"  SF 0.9
  COMBO "COMB13"  LOADCASE "SISMOX"  SF -0.27
  COMBO "COMB13"  LOADCASE "SISMOY"  SF -0.08
  COMBO "COMB14"  TYPE "Linear Add"
  COMBO "COMB14"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB14"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB14"  LOADCASE "PPROPIO"  SF 0.9
  COMBO "COMB14"  LOADCASE "MUERTA"  SF 0.9
  COMBO "COMB14"  LOADCASE "SISMOX"  SF -0.27
  COMBO "COMB14"  LOADCASE "SISMOY"  SF 0.08
  COMBO "COMB15"  TYPE "Linear Add"
  COMBO "COMB15"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB15"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB15"  LOADCASE "PPROPIO"  SF 0.9
  COMBO "COMB15"  LOADCASE "MUERTA"  SF 0.9
  COMBO "COMB15"  LOADCASE "SISMOX"  SF 0.08
  COMBO "COMB15"  LOADCASE "SISMOY"  SF 0.27
  COMBO "COMB16"  TYPE "Linear Add"
  COMBO "COMB16"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB16"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB16"  LOADCASE "PPROPIO"  SF 0.9
  COMBO "COMB16"  LOADCASE "MUERTA"  SF 0.9
  COMBO "COMB16"  LOADCASE "SISMOX"  SF -0.08
  COMBO "COMB16"  LOADCASE "SISMOY"  SF 0.27
  COMBO "COMB17"  TYPE "Linear Add"
  COMBO "COMB17"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB17"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB17"  LOADCASE "PPROPIO"  SF 0.9
  COMBO "COMB17"  LOADCASE "MUERTA"  SF 0.9
  COMBO "COMB17"  LOADCASE "SISMOX"  SF -0.08
  COMBO "COMB17"  LOADCASE "SISMOY"  SF -0.27
  COMBO "COMB18"  TYPE "Linear Add"
  COMBO "COMB18"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB18"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB18"  LOADCASE "PPROPIO"  SF 0.9
  COMBO "COMB18"  LOADCASE "MUERTA"  SF 0.9
  COMBO "COMB18"  LOADCASE "SISMOX"  SF 0.08
  COMBO "COMB18"  LOADCASE "SISMOY"  SF -0.27
  COMBO "DER1"  TYPE "Linear Add"
  COMBO "DER1"  LOADCASE "PPROPIO"  SF 1
  COMBO "DER1"  LOADCASE "MUERTA"  SF 1
  COMBO "DER1"  LOADCASE "VIVA"  SF 1
  COMBO "DER1"  LOADCASE "SISMOX"  SF 1
  COMBO "DER1"  LOADCASE "SISMOY"  SF 0.3
  COMBO "DER2"  TYPE "Linear Add"
  COMBO "DER2"  LOADCASE "PPROPIO"  SF 1
  COMBO "DER2"  LOADCASE "MUERTA"  SF 1
  COMBO "DER2"  LOADCASE "VIVA"  SF 1
  COMBO "DER2"  LOADCASE "SISMOX"  SF 1
  COMBO "DER2"  LOADCASE "SISMOY"  SF -0.3
  COMBO "DER3"  TYPE "Linear Add"
  COMBO "DER3"  LOADCASE "PPROPIO"  SF 1
  COMBO "DER3"  LOADCASE "MUERTA"  SF 1
  COMBO "DER3"  LOADCASE "VIVA"  SF 1
  COMBO "DER3"  LOADCASE "SISMOX"  SF -1
  COMBO "DER3"  LOADCASE "SISMOY"  SF -0.3
  COMBO "DER4"  TYPE "Linear Add"
  COMBO "DER4"  LOADCASE "PPROPIO"  SF 1
  COMBO "DER4"  LOADCASE "MUERTA"  SF 1
  COMBO "DER4"  LOADCASE "VIVA"  SF 1
  COMBO "DER4"  LOADCASE "SISMOX"  SF -1
  COMBO "DER4"  LOADCASE "SISMOY"  SF 0.3
  COMBO "DER5"  TYPE "Linear Add"
  COMBO "DER5"  LOADCASE "PPROPIO"  SF 1
  COMBO "DER5"  LOADCASE "MUERTA"  SF 1
  COMBO "DER5"  LOADCASE "VIVA"  SF 1
  COMBO "DER5"  LOADCASE "SISMOX"  SF 0.3
  COMBO "DER5"  LOADCASE "SISMOY"  SF 1
  COMBO "DER6"  TYPE "Linear Add"
  COMBO "DER6"  LOADCASE "PPROPIO"  SF 1
  COMBO "DER6"  LOADCASE "MUERTA"  SF 1
  COMBO "DER6"  LOADCASE "VIVA"  SF 1
  COMBO "DER6"  LOADCASE "SISMOX"  SF -0.3
  COMBO "DER6"  LOADCASE "SISMOY"  SF 1
  COMBO "DER7"  TYPE "Linear Add"
  COMBO "DER7"  LOADCASE "PPROPIO"  SF 1
  COMBO "DER7"  LOADCASE "MUERTA"  SF 1
  COMBO "DER7"  LOADCASE "VIVA"  SF 1
  COMBO "DER7"  LOADCASE "SISMOX"  SF -0.3
  COMBO "DER7"  LOADCASE "SISMOY"  SF -1
  COMBO "DER8"  TYPE "Linear Add"
  COMBO "DER8"  LOADCASE "PPROPIO"  SF 1
  COMBO "DER8"  LOADCASE "MUERTA"  SF 1
  COMBO "DER8"  LOADCASE "VIVA"  SF 1
  COMBO "DER8"  LOADCASE "SISMOX"  SF 0.3
  COMBO "DER8"  LOADCASE "SISMOY"  SF -1
```

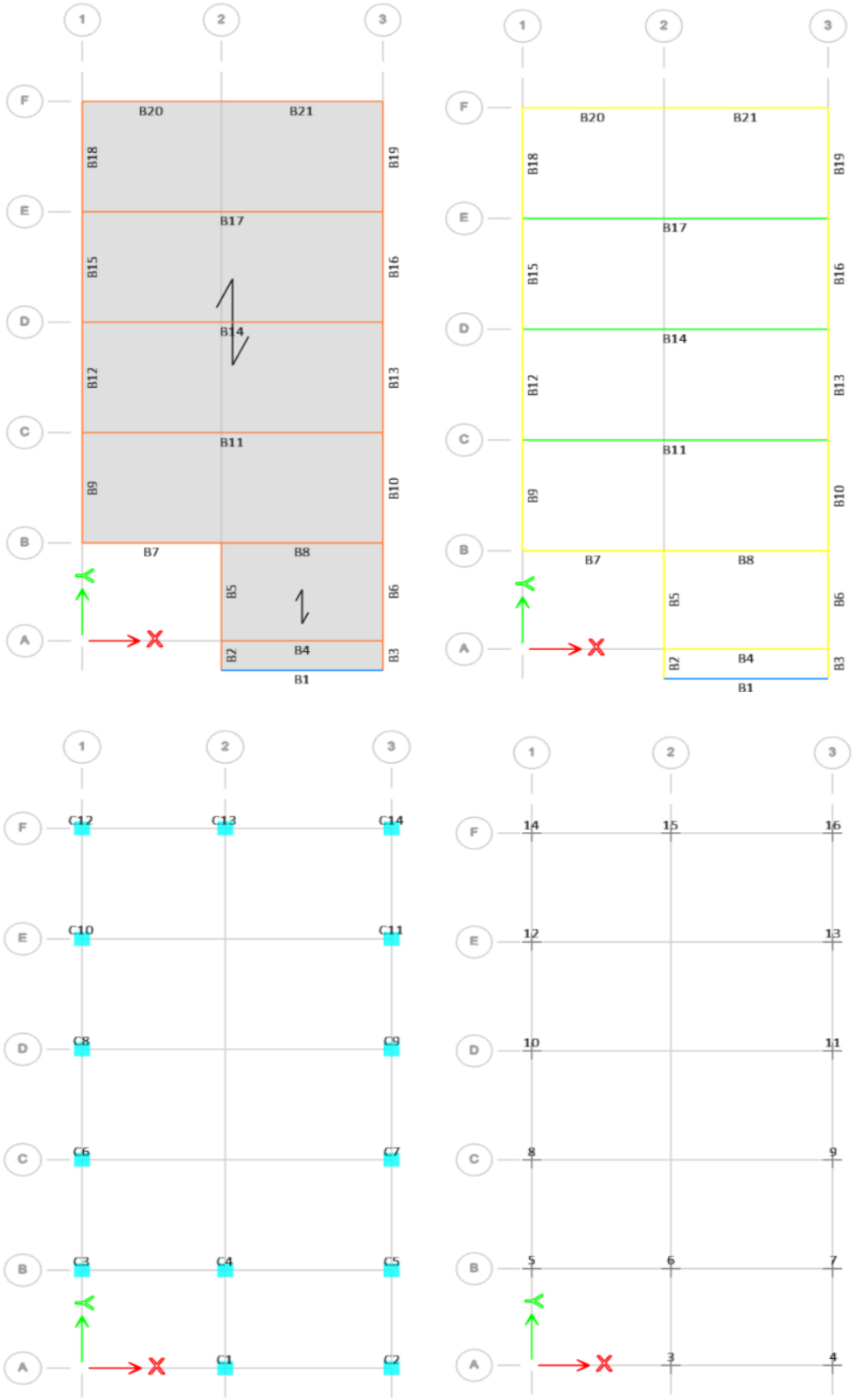
```
COMBO "DER9"  TYPE "Linear Add"
COMBO "DER9"  LOADCASE "PPROPIO"  SF 1
COMBO "DER9"  LOADCASE "MUERTA"  SF 1
COMBO "DER9"  LOADCASE "SISMOX"  SF 1
COMBO "DER9"  LOADCASE "SISMOY"  SF 0.3
COMBO "DER10"  TYPE "Linear Add"
COMBO "DER10"  LOADCASE "PPROPIO"  SF 1
COMBO "DER10"  LOADCASE "MUERTA"  SF 1
COMBO "DER10"  LOADCASE "SISMOX"  SF 1
COMBO "DER10"  LOADCASE "SISMOY"  SF -0.3
COMBO "DER11"  TYPE "Linear Add"
COMBO "DER11"  LOADCASE "PPROPIO"  SF 1
COMBO "DER11"  LOADCASE "MUERTA"  SF 1
COMBO "DER11"  LOADCASE "SISMOX"  SF -1
COMBO "DER11"  LOADCASE "SISMOY"  SF -0.3
COMBO "DER12"  TYPE "Linear Add"
COMBO "DER12"  LOADCASE "PPROPIO"  SF 1
COMBO "DER12"  LOADCASE "MUERTA"  SF 1
COMBO "DER12"  LOADCASE "SISMOX"  SF -1
COMBO "DER12"  LOADCASE "SISMOY"  SF 0.3
COMBO "DER13"  TYPE "Linear Add"
COMBO "DER13"  LOADCASE "PPROPIO"  SF 1
COMBO "DER13"  LOADCASE "MUERTA"  SF 1
COMBO "DER13"  LOADCASE "SISMOX"  SF 0.3
COMBO "DER13"  LOADCASE "SISMOY"  SF 1
COMBO "DER14"  TYPE "Linear Add"
COMBO "DER14"  LOADCASE "PPROPIO"  SF 1
COMBO "DER14"  LOADCASE "MUERTA"  SF 1
COMBO "DER14"  LOADCASE "SISMOX"  SF -0.3
COMBO "DER14"  LOADCASE "SISMOY"  SF 1
COMBO "DER15"  TYPE "Linear Add"
COMBO "DER15"  LOADCASE "PPROPIO"  SF 1
COMBO "DER15"  LOADCASE "MUERTA"  SF 1
COMBO "DER15"  LOADCASE "SISMOX"  SF -0.3
COMBO "DER15"  LOADCASE "SISMOY"  SF -1
COMBO "DER16"  TYPE "Linear Add"
COMBO "DER16"  LOADCASE "PPROPIO"  SF 1
COMBO "DER16"  LOADCASE "MUERTA"  SF 1
COMBO "DER16"  LOADCASE "SISMOX"  SF 0.3
COMBO "DER16"  LOADCASE "SISMOY"  SF -1
COMBO "CIMENT"  TYPE "Linear Add"
COMBO "CIMENT"  LOADCASE "PPROPIO"  SF 1
COMBO "CIMENT"  LOADCASE "MUERTA"  SF 1
COMBO "CIMENT"  LOADCASE "VIVA"  SF 1
COMBO "CORPL3"  TYPE "Linear Add"
COMBO "CORPL3"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL3"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL3"  LOADCASE "VIVA"  SF 1
COMBO "CORPL3"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL3"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL4"  TYPE "Linear Add"
COMBO "CORPL4"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL4"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL4"  LOADCASE "VIVA"  SF 1
COMBO "CORPL4"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL4"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL5"  TYPE "Linear Add"
COMBO "CORPL5"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL5"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL5"  LOADCASE "VIVA"  SF 1
COMBO "CORPL5"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL5"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL6"  TYPE "Linear Add"
COMBO "CORPL6"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL6"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL6"  LOADCASE "VIVA"  SF 1
COMBO "CORPL6"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL6"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL7"  TYPE "Linear Add"
COMBO "CORPL7"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL7"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL7"  LOADCASE "VIVA"  SF 1
COMBO "CORPL7"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL7"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL8"  TYPE "Linear Add"
COMBO "CORPL8"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL8"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL8"  LOADCASE "VIVA"  SF 1
COMBO "CORPL8"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL8"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL9"  TYPE "Linear Add"
COMBO "CORPL9"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL9"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL9"  LOADCASE "VIVA"  SF 1
COMBO "CORPL9"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL9"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL10"  TYPE "Linear Add"
COMBO "CORPL10"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL10"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL10"  LOADCASE "VIVA"  SF 1
COMBO "CORPL10"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL10"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL11"  TYPE "Linear Add"
COMBO "CORPL11"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL11"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL11"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL11"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL12"  TYPE "Linear Add"
COMBO "CORPL12"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL12"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL12"  LOADCASE "SISMOX"  SF 0.54
COMBO "CORPL12"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL13"  TYPE "Linear Add"
COMBO "CORPL13"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL13"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL13"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL13"  LOADCASE "SISMOY"  SF -0.16
COMBO "CORPL14"  TYPE "Linear Add"
COMBO "CORPL14"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL14"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL14"  LOADCASE "SISMOX"  SF -0.54
COMBO "CORPL14"  LOADCASE "SISMOY"  SF 0.16
COMBO "CORPL15"  TYPE "Linear Add"
COMBO "CORPL15"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL15"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL15"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL15"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL16"  TYPE "Linear Add"
COMBO "CORPL16"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL16"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL16"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL16"  LOADCASE "SISMOY"  SF 0.54
COMBO "CORPL17"  TYPE "Linear Add"
COMBO "CORPL17"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL17"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL17"  LOADCASE "SISMOX"  SF -0.16
COMBO "CORPL17"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL18"  TYPE "Linear Add"
COMBO "CORPL18"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL18"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL18"  LOADCASE "SISMOX"  SF 0.16
COMBO "CORPL18"  LOADCASE "SISMOY"  SF -0.54
COMBO "CORPL3-1"  TYPE "Linear Add"
COMBO "CORPL3-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL3-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL3-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL3-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL3-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL4-1"  TYPE "Linear Add"
COMBO "CORPL4-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL4-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL4-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL4-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL4-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL5-1"  TYPE "Linear Add"
COMBO "CORPL5-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL5-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL5-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL5-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL5-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL6-1"  TYPE "Linear Add"
COMBO "CORPL6-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL6-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL6-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL6-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL6-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL7-1"  TYPE "Linear Add"
COMBO "CORPL7-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL7-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL7-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL7-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL7-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL8-1"  TYPE "Linear Add"
COMBO "CORPL8-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL8-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL8-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL8-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL8-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL9-1"  TYPE "Linear Add"
COMBO "CORPL9-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL9-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL9-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL9-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL9-1"  LOADCASE "SISMOY"  SF -0.81
COMBO "CORPL10-1"  TYPE "Linear Add"
COMBO "CORPL10-1"  LOADCASE "PPROPIO"  SF 1.2
COMBO "CORPL10-1"  LOADCASE "MUERTA"  SF 1.2
COMBO "CORPL10-1"  LOADCASE "VIVA"  SF 1
COMBO "CORPL10-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL10-1"  LOADCASE "SISMOY"  SF -0.81
COMBO "CORPL11-1"  TYPE "Linear Add"
COMBO "CORPL11-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL11-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL11-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL11-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL12-1"  TYPE "Linear Add"
COMBO "CORPL12-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL12-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL12-1"  LOADCASE "SISMOX"  SF 0.81
COMBO "CORPL12-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL13-1"  TYPE "Linear Add"
COMBO "CORPL13-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL13-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL13-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL13-1"  LOADCASE "SISMOY"  SF -0.24
COMBO "CORPL14-1"  TYPE "Linear Add"
COMBO "CORPL14-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL14-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL14-1"  LOADCASE "SISMOX"  SF -0.81
COMBO "CORPL14-1"  LOADCASE "SISMOY"  SF 0.24
COMBO "CORPL15-1"  TYPE "Linear Add"
COMBO "CORPL15-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL15-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL15-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL15-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL16-1"  TYPE "Linear Add"
COMBO "CORPL16-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL16-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL16-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL16-1"  LOADCASE "SISMOY"  SF 0.81
COMBO "CORPL17-1"  TYPE "Linear Add"
COMBO "CORPL17-1"  LOADCASE "PPROPIO"  SF 0.9
```

```
COMBO "CORPL17-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL17-1"  LOADCASE "SISMOX"  SF -0.24
COMBO "CORPL17-1"  LOADCASE "SISMOY"  SF -0.81
COMBO "CORPL18-1"  TYPE "Linear Add"
COMBO "CORPL18-1"  LOADCASE "PPROPIO"  SF 0.9
COMBO "CORPL18-1"  LOADCASE "MUERTA"  SF 0.9
COMBO "CORPL18-1"  LOADCASE "SISMOX"  SF 0.24
COMBO "CORPL18-1"  LOADCASE "SISMOY"  SF -0.81
LOG STARTCOMMENTS
```

2.1 ISOMÉTRICO DE LA ESTRUCTURA







NUMERACIÓN ELEMENTOS PLANTA PISO 2, CUBIERTA, COLUMNAS Y NUDOS

2.2 COMBINACIONES DE CARGA

EVALUACIÓN DERIVAS

1.00CM+1.00CV + EQX + 0.30EQY	1.00CM+ EQX + 0.30EQY
1.00CM+1.00CV + EQX – 0.30EQY	1.00CM+ EQX – 0.30EQY
1.00CM+1.00CV – EQX + 0.30EQY	1.00CM– EQX + 0.30EQY
1.00CM+1.00CV – EQX – 0.30EQY	1.00CM– EQX – 0.30EQY
1.00CM+1.00CV + 0.30EQX + EQY	1.00CM+ 0.30EQX + EQY
1.00CM+1.00CV + 0.30EQX – EQY	1.00CM+ 0.30EQX – EQY
1.00CM+1.00CV – 0.30EQX + EQY	1.00CM– 0.30EQX + EQY
1.00CM+1.00CV – 0.30EQX – EQY	1.00CM– 0.30EQX – EQY

DISEÑO ESTRUCTURA

1.40CM	
1.20CM+1.60CV	
1.20CM+1.00CV + EQX/R + 0.30EQY/R	0.90CM+ EQX/R + 0.30EQY/R
1.20CM+1.00CV + EQX/R – 0.30EQY/R	0.90CM– EQX/R + 0.30EQY/R
1.20CM+1.00CV – EQX/R + 0.30EQY/R	0.90CM+ EQX/R – 0.30EQY/R
1.20CM+1.00CV – EQX/R – 0.30EQY/R	0.90CM– EQX/R – 0.30EQY/R
1.20CM+1.00CV + 0.30EQX/R + EQY/R	0.90CM+ 0.30EQX/R + EQY/R
1.20CM+1.00CV + 0.30EQX/R – EQY/R	0.90CM+ 0.30EQX/R – EQY/R
1.20CM+1.00CV – 0.30EQX/R + EQY/R	0.90CM– 0.30EQX/R + EQY/R
1.20CM+1.00CV – 0.30EQX/R – EQY/R	0.90CM– 0.30EQX/R – EQY/R

REVISIÓN CORTANTE VIGAS

1.20CM+1.00CV + 2EQX/R + 0.60EQY/R	0.90CM+ 2EQX/R + 0.60EQY/R
1.20CM+1.00CV + 2EQX/R – 0.60EQY/R	0.90CM– 2EQX/R + 0.60EQY/R
1.20CM+1.00CV – 2EQX/R + 0.60EQY/R	0.90CM+ 2EQX/R – 0.60EQY/R
1.20CM+1.00CV – 2EQX/R – 0.60EQY/R	0.90CM– 2EQX/R – 0.60EQY/R
1.20CM+1.00CV + 0.60EQX/R + 2EQY/R	0.90CM+ 0.60EQX/R + 2EQY/R
1.20CM+1.00CV + 0.60EQX/R – 2EQY/R	0.90CM+ 0.60EQX/R – 2EQY/R
1.20CM+1.00CV – 0.60EQX/R + 2EQY/R	0.90CM– 0.60EQX/R + 2EQY/R
1.20CM+1.00CV – 0.60EQX/R – 2EQY/R	0.90CM– 0.60EQX/R – 2EQY/R

REVISIÓN CORTANTE COLUMNAS

Incrementado por medio de Ω.
Donde: Ro = 5.00 Ω = 3.00

1.20CM+1.00CV + 3EQX/R + 0.90EQY/R	0.90CM+ 3EQX/R + 0.90EQY/R
1.20CM+1.00CV + 3EQX/R – 0.90EQY/R	0.90CM– 3EQX/R + 0.90EQY/R
1.20CM+1.00CV – 3EQX/R + 0.90EQY/R	0.90CM+ 3EQX/R – 0.90EQY/R
1.20CM+1.00CV – 3EQX/R – 0.90EQY/R	0.90CM– 3EQX/R – 0.90EQY/R
1.20CM+1.00CV + 0.90EQX/R + 3EQY/R	0.90CM+ 0.90EQX/R + 3EQY/R
1.20CM+1.00CV + 0.90EQX/R – 3EQY/R	0.90CM+ 0.90EQX/R – 3EQY/R
1.20CM+1.00CV – 0.90EQX/R + 3EQY/R	0.90CM– 0.90EQX/R + 3EQY/R
1.20CM+1.00CV – 0.90EQX/R – 3EQY/R	0.90CM– 0.90EQX/R – 3EQY/R

2.3 VERIFICACIÓN DE DERIVAS

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	3	DER1	0.035	0.008	0.014	3.35	0.034	OK	0.42
NE+3.45	3	DER1	0.015	0.004	-0.014	3.45	0.035	OK	-0.41
NE+6.80	3	DER2	0.035	-0.009	0.014	3.35	0.034	OK	0.43
NE+3.45	3	DER2	0.015	-0.004	-0.015	3.45	0.035	OK	-0.42
NE+6.80	3	DER3	-0.035	-0.009	0.014	3.35	0.034	OK	0.43
NE+3.45	3	DER3	-0.015	-0.004	-0.014	3.45	0.035	OK	-0.41

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	4	DER1	0.035	0.007	0.014	3.35	0.034	OK	0.42
NE+3.45	4	DER1	0.015	0.003	-0.014	3.45	0.035	OK	-0.42
NE+6.80	4	DER2	0.035	-0.009	0.014	3.35	0.034	OK	0.43
NE+3.45	4	DER2	0.015	-0.004	-0.014	3.45	0.035	OK	-0.41
NE+6.80	4	DER3	-0.035	-0.008	0.014	3.35	0.034	OK	0.43
NE+3.45	4	DER3	-0.015	-0.003	-0.014	3.45	0.035	OK	-0.41

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	5	DER1	0.035	0.009	0.014	3.35	0.034	OK	0.43
NE+3.45	5	DER1	0.015	0.004	-0.014	3.45	0.035	OK	-0.40
NE+6.80	5	DER2	0.035	-0.007	0.014	3.35	0.034	OK	0.42
NE+3.45	5	DER2	0.015	-0.003	-0.015	3.45	0.035	OK	-0.43
NE+6.80	5	DER3	-0.036	-0.009	0.014	3.35	0.034	OK	0.43
NE+3.45	5	DER3	-0.016	-0.004	-0.014	3.45	0.035	OK	-0.40

NE+6.80	3	DER4	-0.035	0.008	0.014	3.35	0.034	OK	0.43
NE+3.45	3	DER4	-0.015	0.004	-0.010	3.45	0.035	OK	-0.29
NE+6.80	3	DER5	0.011	0.028	0.011	3.35	0.034	OK	0.34
NE+3.45	3	DER5	0.005	0.013	-0.011	3.45	0.035	OK	-0.33
NE+6.80	3	DER6	-0.010	0.028	0.011	3.35	0.034	OK	0.34
NE+3.45	3	DER6	-0.004	0.012	-0.013	3.45	0.035	OK	-0.36
NE+6.80	3	DER7	-0.011	-0.029	0.012	3.35	0.034	OK	0.36
NE+3.45	3	DER7	-0.005	-0.013	-0.012	3.45	0.035	OK	-0.35
NE+6.80	3	DER8	0.010	-0.029	0.012	3.35	0.034	OK	0.36
NE+3.45	3	DER8	0.004	-0.013	-0.016	3.45	0.035	OK	-0.46
NE+6.80	3	DER9	0.035	0.008	0.014	3.35	0.034	OK	0.42
NE+3.45	3	DER9	0.015	0.004	-0.014	3.45	0.035	OK	-0.41
NE+6.80	3	DER10	0.035	-0.009	0.014	3.35	0.034	OK	0.43
NE+3.45	3	DER10	0.015	-0.004	-0.015	3.45	0.035	OK	-0.42
NE+6.80	3	DER11	-0.035	-0.009	0.014	3.35	0.034	OK	0.43
NE+3.45	3	DER11	-0.015	-0.004	-0.014	3.45	0.035	OK	-0.41
NE+6.80	3	DER12	-0.035	0.008	0.014	3.35	0.034	OK	0.43
NE+3.45	3	DER12	-0.015	0.004	-0.010	3.45	0.035	OK	-0.29
NE+6.80	3	DER13	0.011	0.028	0.012	3.35	0.034	OK	0.34
NE+3.45	3	DER13	0.005	0.013	-0.011	3.45	0.035	OK	-0.33
NE+6.80	3	DER14	-0.010	0.028	0.012	3.35	0.034	OK	0.34
NE+3.45	3	DER14	-0.004	0.012	-0.012	3.45	0.035	OK	-0.36
NE+6.80	3	DER15	-0.011	-0.029	0.012	3.35	0.034	OK	0.36
NE+3.45	3	DER15	-0.005	-0.013	-0.012	3.45	0.035	OK	-0.35
NE+6.80	3	DER16	0.010	-0.029	0.012	3.35	0.034	OK	0.36
NE+3.45	3	DER16	0.004	-0.013	0.009	3.45	0.035	OK	0.27

0.430

NE+6.80	4	DER4	-0.035	0.008	0.014	3.35	0.034	OK	0.42
NE+3.45	4	DER4	-0.015	0.004	-0.009	3.45	0.035	OK	-0.26
NE+6.80	4	DER5	0.011	0.026	0.011	3.35	0.034	OK	0.31
NE+3.45	4	DER5	0.005	0.012	-0.011	3.45	0.035	OK	-0.31
NE+6.80	4	DER6	-0.010	0.027	0.011	3.35	0.034	OK	0.31
NE+3.45	4	DER6	-0.004	0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	4	DER7	-0.011	-0.027	0.011	3.35	0.034	OK	0.33
NE+3.45	4	DER7	-0.005	-0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	4	DER8	0.010	-0.027	0.011	3.35	0.034	OK	0.32
NE+3.45	4	DER8	0.004	-0.013	-0.015	3.45	0.035	OK	-0.45
NE+6.80	4	DER9	0.035	0.007	0.014	3.35	0.034	OK	0.42
NE+3.45	4	DER9	0.015	0.003	-0.014	3.45	0.035	OK	-0.41
NE+6.80	4	DER10	0.035	-0.009	0.014	3.35	0.034	OK	0.42
NE+3.45	4	DER10	0.015	-0.004	-0.014	3.45	0.035	OK	-0.41
NE+6.80	4	DER11	-0.035	-0.008	0.014	3.35	0.034	OK	0.43
NE+3.45	4	DER11	-0.015	-0.003	-0.014	3.45	0.035	OK	-0.41
NE+6.80	4	DER12	-0.035	0.009	0.014	3.35	0.034	OK	0.42
NE+3.45	4	DER12	-0.015	0.004	-0.009	3.45	0.035	OK	-0.26
NE+6.80	4	DER13	0.011	0.026	0.011	3.35	0.034	OK	0.31
NE+3.45	4	DER13	0.005	0.013	-0.011	3.45	0.035	OK	-0.31
NE+6.80	4	DER14	-0.010	0.027	0.011	3.35	0.034	OK	0.32
NE+3.45	4	DER14	-0.004	0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	4	DER15	-0.011	-0.027	0.011	3.35	0.034	OK	0.32
NE+3.45	4	DER15	-0.005	-0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	4	DER16	0.010	-0.027	0.011	3.35	0.034	OK	0.32
NE+3.45	4	DER16	0.004	-0.013	0.009	3.45	0.035	OK	0.28

0.427

NE+6.80	5	DER4	-0.035	0.007	0.014	3.35	0.034	OK	0.42
NE+3.45	5	DER4	-0.015	0.003	-0.009	3.45	0.035	OK	-0.27
NE+6.80	5	DER5	0.011	0.027	0.011	3.35	0.034	OK	0.32
NE+3.45	5	DER5	0.005	0.013	-0.010	3.45	0.035	OK	-0.30
NE+6.80	5	DER6	-0.010	0.026	0.011	3.35	0.034	OK	0.32
NE+3.45	5	DER6	-0.005	0.012	-0.011	3.45	0.035	OK	-0.33
NE+6.80	5	DER7	-0.011	-0.027	0.011	3.35	0.034	OK	0.33
NE+3.45	5	DER7	-0.005	-0.013	-0.010	3.45	0.035	OK	-0.30
NE+6.80	5	DER8	0.010	-0.027	0.011	3.35	0.034	OK	0.32
NE+3.45	5	DER8	0.004	-0.012	-0.016	3.45	0.035	OK	-0.47
NE+6.80	5	DER9	0.035	0.009	0.014	3.35	0.034	OK	0.42
NE+3.45	5	DER9	0.016	0.004	-0.014	3.45	0.035	OK	-0.40
NE+6.80	5	DER10	0.035	-0.007	0.014	3.35	0.034	OK	0.42
NE+3.45	5	DER10	0.015	-0.003	-0.015	3.45	0.035	OK	-0.43
NE+6.80	5	DER11	-0.036	-0.009	0.014	3.35	0.034	OK	0.43
NE+3.45	5	DER11	-0.016	-0.004	-0.014	3.45	0.035	OK	-0.40
NE+6.80	5	DER12	-0.035	0.007	0.014	3.35	0.034	OK	0.42
NE+3.45	5	DER12	-0.015	0.003	-0.009	3.45	0.035	OK	-0.27
NE+6.80	5	DER13	0.011	0.027	0.011	3.35	0.034	OK	0.33
NE+3.45	5	DER13	0.005	0.013	-0.010	3.45	0.035	OK	-0.30
NE+6.80	5	DER14	-0.010	0.026	0.011	3.35	0.034	OK	0.32
NE+3.45	5	DER14	-0.004	0.012	-0.011	3.45	0.035	OK	-0.33
NE+6.80	5	DER15	-0.011	-0.027	0.011	3.35	0.034	OK	0.33
NE+3.45	5	DER15	-0.005	-0.013	-0.010	3.45	0.035	OK	-0.30
NE+6.80	5	DER16	0.010	-0.027	0.011	3.35	0.034	OK	0.32
NE+3.45	5	DER16	0.004	-0.012	0.009	3.45	0.035	OK	0.27

0.429

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	6	DER1	0.035	0.008	0.014	3.35	0.034	OK	0.42
NE+3.45	6	DER1	0.015	0.004	-0.014	3.45	0.035	OK	-0.41
NE+6.80	6	DER2	0.035	-0.009	0.014	3.35	0.034	OK	0.43
NE+3.45	6	DER2	0.015	-0.004	-0.015	3.45	0.035	OK	-0.42
NE+6.80	6	DER3	-0.036	-0.009	0.014	3.35	0.034	OK	0.43
NE+3.45	6	DER3	-0.016	-0.004	-0.014	3.45	0.035	OK	-0.41
NE+6.80	6	DER4	-0.035	0.008	0.014	3.35	0.034	OK	0.42
NE+3.45	6	DER4	-0.015	0.004	-0.010	3.45	0.035	OK	-0.28
NE+6.80	6	DER5	0.011	0.028	0.011	3.35	0.034	OK	0.34
NE+3.45	6	DER5	0.005	0.013	-0.011	3.45	0.035	OK	-0.33
NE+6.80	6	DER6	-0.010	0.028	0.011	3.35	0.034	OK	0.34
NE+3.45	6	DER6	-0.005	0.012	-0.013	3.45	0.035	OK	-0.36
NE+6.80	6	DER7	-0.011	-0.029	0.012	3.35	0.034	OK	0.37
NE+3.45	6	DER7	-0.005	-0.013	-0.012	3.45	0.035	OK	-0.35
NE+6.80	6	DER8	0.010	-0.029	0.012	3.35	0.034	OK	0.36
NE+3.45	6	DER8	0.004	-0.013	-0.016	3.45	0.035	OK	-0.46
NE+6.80	6	DER9	0.035	0.008	0.014	3.35	0.034	OK	0.42
NE+3.45	6	DER9	0.016	0.004	-0.014	3.45	0.035	OK	-0.41
NE+6.80	6	DER10	0.035	-0.009	0.014	3.35	0.034	OK	0.43
NE+3.45	6	DER10	0.015	-0.004	-0.015	3.45	0.035	OK	-0.42
NE+6.80	6	DER11	-0.036	-0.009	0.014	3.35	0.034	OK	0.43
NE+3.45	6	DER11	-0.016	-0.004	-0.014	3.45	0.035	OK	-0.41
NE+6.80	6	DER12	-0.035	0.008	0.014	3.35	0.034	OK	0.42
NE+3.45	6	DER12	-0.015	0.004	-0.010	3.45	0.035	OK	-0.29
NE+6.80	6	DER13	0.011	0.028	0.012	3.35	0.034	OK	0.34
NE+3.45	6	DER13	0.005	0.013	-0.011	3.45	0.035	OK	-0.33
NE+6.80	6	DER14	-0.010	0.028	0.012	3.35	0.034	OK	0.34
NE+3.45	6	DER14	-0.004	0.012	-0.012	3.45	0.035	OK	-0.36
NE+6.80	6	DER15	-0.011	-0.029	0.012	3.35	0.034	OK	0.37
NE+3.45	6	DER15	-0.005	-0.013	-0.012	3.45	0.035	OK	-0.35
NE+6.80	6	DER16	0.010	-0.029	0.012	3.35	0.034	OK	0.36
NE+3.45	6	DER16	0.004	-0.013	0.009	3.45	0.035	OK	0.27

0.432

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	7	DER1	0.035	0.007	0.014	3.35	0.034	OK	0.42
NE+3.45	7	DER1	0.015	0.003	-0.014	3.45	0.035	OK	-0.42
NE+6.80	7	DER2	0.035	-0.009	0.014	3.35	0.034	OK	0.42
NE+3.45	7	DER2	0.015	-0.004	-0.014	3.45	0.035	OK	-0.42
NE+6.80	7	DER3	-0.036	-0.008	0.014	3.35	0.034	OK	0.43
NE+3.45	7	DER3	-0.016	-0.003	-0.014	3.45	0.035	OK	-0.41
NE+6.80	7	DER4	-0.035	0.008	0.014	3.35	0.034	OK	0.42
NE+3.45	7	DER4	-0.015	0.004	-0.009	3.45	0.035	OK	-0.25
NE+6.80	7	DER5	0.011	0.026	0.011	3.35	0.034	OK	0.32
NE+3.45	7	DER5	0.005	0.012	-0.011	3.45	0.035	OK	-0.31
NE+6.80	7	DER6	-0.010	0.027	0.010	3.35	0.034	OK	0.31
NE+3.45	7	DER6	-0.005	0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	7	DER7	-0.011	-0.027	0.011	3.35	0.034	OK	0.33
NE+3.45	7	DER7	-0.005	-0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	7	DER8	0.010	-0.027	0.011	3.35	0.034	OK	0.32
NE+3.45	7	DER8	0.004	-0.013	-0.016	3.45	0.035	OK	-0.45
NE+6.80	7	DER9	0.035	0.007	0.014	3.35	0.034	OK	0.42
NE+3.45	7	DER9	0.016	0.003	-0.014	3.45	0.035	OK	-0.41
NE+6.80	7	DER10	0.035	-0.009	0.014	3.35	0.034	OK	0.43
NE+3.45	7	DER10	0.015	-0.004	-0.014	3.45	0.035	OK	-0.41
NE+6.80	7	DER11	-0.036	-0.008	0.014	3.35	0.034	OK	0.43
NE+3.45	7	DER11	-0.016	-0.003	-0.014	3.45	0.035	OK	-0.42
NE+6.80	7	DER12	-0.035	0.009	0.014	3.35	0.034	OK	0.42
NE+3.45	7	DER12	-0.015	0.004	-0.009	3.45	0.035	OK	-0.25
NE+6.80	7	DER13	0.011	0.026	0.011	3.35	0.034	OK	0.32
NE+3.45	7	DER13	0.005	0.013	-0.011	3.45	0.035	OK	-0.31
NE+6.80	7	DER14	-0.010	0.027	0.011	3.35	0.034	OK	0.31
NE+3.45	7	DER14	-0.004	0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	7	DER15	-0.011	-0.027	0.011	3.35	0.034	OK	0.33
NE+3.45	7	DER15	-0.005	-0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	7	DER16	0.010	-0.027	0.011	3.35	0.034	OK	0.32
NE+3.45	7	DER16	0.004	-0.013	0.010	3.45	0.035	OK	0.28

0.430

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	8	DER1	0.041	0.009	0.018	3.35	0.034	OK	0.52
NE+3.45	8	DER1	0.016	0.004	-0.017	3.45	0.035	OK	-0.50
NE+6.80	8	DER2	0.041	-0.007	0.018	3.35	0.034	OK	0.52
NE+3.45	8	DER2	0.016	-0.003	-0.018	3.45	0.035	OK	-0.52
NE+6.80	8	DER3	-0.041	-0.009	0.018	3.35	0.034	OK	0.52
NE+3.45	8	DER3	-0.016	-0.004	-0.017	3.45	0.035	OK	-0.50
NE+6.80	8	DER4	-0.041	0.007	0.017	3.35	0.034	OK	0.52
NE+3.45	8	DER4	-0.016	0.003	-0.009	3.45	0.035	OK	-0.27
NE+6.80	8	DER5	0.012	0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	8	DER5	0.005	0.013	-0.011	3.45	0.035	OK	-0.31
NE+6.80	8	DER6	-0.012	0.026	0.011	3.35	0.034	OK	0.33
NE+3.45	8	DER6	-0.005	0.012	-0.012	3.45	0.035	OK	-0.34
NE+6.80	8	DER7	-0.012	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	8	DER7	-0.005	-0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	8	DER8	0.012	-0.027	0.011	3.35	0.034	OK	0.33
NE+3.45	8	DER8	0.005	-0.012	-0.020	3.45	0.035	OK	-0.58
NE+6.80	8	DER9	0.041	0.009	0.018	3.35	0.034	OK	0.52
NE+3.45	8	DER9	0.016	0.004	-0.017	3.45	0.035	OK	-0.50
NE+6.80	8	DER10	0.041	-0.007	0.017	3.35	0.034	OK	0.52
NE+3.45	8	DER10	0.016	-0.003	-0.018	3.45	0.035	OK	-0.51
NE+6.80	8	DER11	-0.041	-0.009	0.017	3.35	0.034	OK	0.52
NE+3.45	8	DER11	-0.016	-0.004	-0.017	3.45	0.035	OK	-0.50
NE+6.80	8	DER12	-0.041	0.007	0.017	3.35	0.034	OK	0.52
NE+3.45	8	DER12	-0.016	0.003	-0.009	3.45	0.035	OK	-0.27
NE+6.80	8	DER13	0.012	0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	8	DER13	0.005	0.013	-0.011	3.45	0.035	OK	-0.31
NE+6.80	8	DER14	-0.012	0.026	0.011	3.35	0.034	OK	0.33
NE+3.45	8	DER14	-0.005	0.012	-0.012	3.45	0.035	OK	-0.34
NE+6.80	8	DER15	-0.012	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	8	DER15	-0.005	-0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	8	DER16	0.012	-0.027	0.011	3.35	0.034	OK	0.33
NE+3.45	8	DER16	0.005	-0.012	0.009	3.45	0.035	OK	0.27

0.525

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	9	DER1	0.040	0.007	0.017	3.35	0.034	OK	0.52
NE+3.45	9	DER1	0.016	0.003	-0.018	3.45	0.035	OK	-0.51
NE+6.80	9	DER2	0.040	-0.009	0.017	3.35	0.034	OK	0.52
NE+3.45	9	DER2	0.016	-0.004	-0.018	3.45	0.035	OK	-0.51
NE+6.80	9	DER3	-0.041	-0.008	0.018	3.35	0.034	OK	0.53
NE+3.45	9	DER3	-0.016	-0.003	-0.018	3.45	0.035	OK	-0.51
NE+6.80	9	DER4	-0.041	0.008	0.017	3.35	0.034	OK	0.52
NE+3.45	9	DER4	-0.016	0.004	-0.009	3.45	0.035	OK	-0.25
NE+6.80	9	DER5	0.012	0.026	0.011	3.35	0.034	OK	0.33
NE+3.45	9	DER5	0.005	0.012	-0.011	3.45	0.035	OK	-0.32
NE+6.80	9	DER6	-0.012	0.027	0.011	3.35	0.034	OK	0.33
NE+3.45	9	DER6	-0.005	0.013	-0.011	3.45	0.035	OK	-0.33
NE+6.80	9	DER7	-0.012	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	9	DER7	-0.005	-0.013	-0.011	3.45	0.035	OK	-0.33
NE+6.80	9	DER8	0.012	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	9	DER8	0.005	-0.013	-0.019	3.45	0.035	OK	-0.55
NE+6.80	9	DER9	0.041	0.007	0.017	3.35	0.034	OK	0.52
NE+3.45	9	DER9	0.016	0.003	-0.018	3.45	0.035	OK	-0.51
NE+6.80	9	DER10	0.040	-0.009	0.017	3.35	0.034	OK	0.52
NE+3.45	9	DER10	0.016	-0.004	-0.017	3.45	0.035	OK	-0.50
NE+6.80	9	DER11	-0.041	-0.008	0.018	3.35	0.034	OK	0.52
NE+3.45	9	DER11	-0.016	-0.003	-0.018	3.45	0.035	OK	-0.51
NE+6.80	9	DER12	-0.041	0.009	0.018	3.35	0.034	OK	0.52
NE+3.45	9	DER12	-0.016	0.004	-0.009	3.45	0.035	OK	-0.25
NE+6.80	9	DER13	0.012	0.026	0.011	3.35	0.034	OK	0.33
NE+3.45	9	DER13	0.005	0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	9	DER14	-0.012	0.027	0.011	3.35	0.034	OK	0.33
NE+3.45	9	DER14	-0.005	0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	9	DER15	-0.012	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	9	DER15	-0.005	-0.013	-0.011	3.45	0.035	OK	-0.33
NE+6.80	9	DER16	0.012	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	9	DER16	0.005	-0.013	0.010	3.45	0.035	OK	0.28

0.526

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	10	DER1	0.043	0.009	0.019	3.35	0.034	OK	0.56
NE+3.45	10	DER1	0.016	0.004	-0.019	3.45	0.035	OK	-0.54
NE+6.80	10	DER2	0.043	-0.007	0.019	3.35	0.034	OK	0.56
NE+3.45	10	DER2	0.016	-0.003	-0.019	3.45	0.035	OK	-0.55
NE+6.80	10	DER3	-0.043	-0.009	0.019	3.35	0.034	OK	0.56
NE+3.45	10	DER3	-0.016	-0.004	-0.018	3.45	0.035	OK	-0.54
NE+6.80	10	DER4	-0.043	0.007	0.019	3.35	0.034	OK	0.56
NE+3.45	10	DER4	-0.016	0.003	-0.009	3.45	0.035	OK	-0.26
NE+6.80	10	DER5	0.013	0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	10	DER5	0.005	0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	10	DER6	-0.013	0.026	0.011	3.35	0.034	OK	0.34
NE+3.45	10	DER6	-0.005	0.012	-0.012	3.45	0.035	OK	-0.34
NE+6.80	10	DER7	-0.013	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	10	DER7	-0.005	-0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	10	DER8	0.013	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	10	DER8	0.005	-0.012	-0.021	3.45	0.035	OK	-0.62
NE+6.80	10	DER9	0.043	0.009	0.019	3.35	0.034	OK	0.56
NE+3.45	10	DER9	0.016	0.004	-0.019	3.45	0.035	OK	-0.54
NE+6.80	10	DER10	0.043	-0.007	0.019	3.35	0.034	OK	0.56
NE+3.45	10	DER10	0.016	-0.003	-0.019	3.45	0.035	OK	-0.55
NE+6.80	10	DER11	-0.043	-0.009	0.019	3.35	0.034	OK	0.56
NE+3.45	10	DER11	-0.016	-0.004	-0.018	3.45	0.035	OK	-0.54
NE+6.80	10	DER12	-0.043	0.007	0.019	3.35	0.034	OK	0.56
NE+3.45	10	DER12	-0.016	0.003	-0.009	3.45	0.035	OK	-0.26
NE+6.80	10	DER13	0.013	0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	10	DER13	0.005	0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	10	DER14	-0.013	0.026	0.011	3.35	0.034	OK	0.34
NE+3.45	10	DER14	-0.005	0.012	-0.012	3.45	0.035	OK	-0.34
NE+6.80	10	DER15	-0.013	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	10	DER15	-0.005	-0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	10	DER16	0.013	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	10	DER16	0.005	-0.012	0.009	3.45	0.035	OK	0.27

0.561

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	11	DER1	0.043	0.007	0.019	3.35	0.034	OK	0.56
NE+3.45	11	DER1	0.016	0.003	-0.019	3.45	0.035	OK	-0.55
NE+6.80	11	DER2	0.043	-0.009	0.019	3.35	0.034	OK	0.56
NE+3.45	11	DER2	0.016	-0.004	-0.019	3.45	0.035	OK	-0.54
NE+6.80	11	DER3	-0.043	-0.008	0.019	3.35	0.034	OK	0.56
NE+3.45	11	DER3	-0.016	-0.003	-0.019	3.45	0.035	OK	-0.55
NE+6.80	11	DER4	-0.043	0.008	0.019	3.35	0.034	OK	0.56
NE+3.45	11	DER4	-0.016	0.004	-0.009	3.45	0.035	OK	-0.25
NE+6.80	11	DER5	0.013	0.026	0.011	3.35	0.034	OK	0.33
NE+3.45	11	DER5	0.005	0.012	-0.011	3.45	0.035	OK	-0.33
NE+6.80	11	DER6	-0.013	0.027	0.011	3.35	0.034	OK	0.33
NE+3.45	11	DER6	-0.005	0.013	-0.011	3.45	0.035	OK	-0.33
NE+6.80	11	DER7	-0.013	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	11	DER7	-0.005	-0.013	-0.012	3.45	0.035	OK	-0.34
NE+6.80	11	DER8	0.013	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	11	DER8	0.005	-0.013	-0.021	3.45	0.035	OK	-0.60
NE+6.80	11	DER9	0.043	0.007	0.019	3.35	0.034	OK	0.56
NE+3.45	11	DER9	0.016	0.003	-0.019	3.45	0.035	OK	-0.55
NE+6.80	11	DER10	0.043	-0.009	0.019	3.35	0.034	OK	0.56
NE+3.45	11	DER10	0.016	-0.004	-0.019	3.45	0.035	OK	-0.54
NE+6.80	11	DER11	-0.043	-0.008	0.019	3.35	0.034	OK	0.56
NE+3.45	11	DER11	-0.016	-0.003	-0.019	3.45	0.035	OK	-0.55
NE+6.80	11	DER12	-0.043	0.008	0.019	3.35	0.034	OK	0.56
NE+3.45	11	DER12	-0.016	0.004	-0.009	3.45	0.035	OK	-0.25
NE+6.80	11	DER13	0.013	0.026	0.011	3.35	0.034	OK	0.33
NE+3.45	11	DER13	0.005	0.013	-0.011	3.45	0.035	OK	-0.33
NE+6.80	11	DER14	-0.013	0.027	0.011	3.35	0.034	OK	0.33
NE+3.45	11	DER14	-0.005	0.013	-0.011	3.45	0.035	OK	-0.33
NE+6.80	11	DER15	-0.013	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	11	DER15	-0.005	-0.013	-0.012	3.45	0.035	OK	-0.34
NE+6.80	11	DER16	0.013	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	11	DER16	0.005	-0.013	0.010	3.45	0.035	OK	0.28

0.561

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	12	DER1	0.042	0.009	0.018	3.35	0.034	OK	0.53
NE+3.45	12	DER1	0.017	0.004	-0.018	3.45	0.035	OK	-0.51
NE+6.80	12	DER2	0.042	-0.007	0.018	3.35	0.034	OK	0.53
NE+3.45	12	DER2	0.017	-0.003	-0.018	3.45	0.035	OK	-0.52
NE+6.80	12	DER3	-0.042	-0.009	0.018	3.35	0.034	OK	0.53
NE+3.45	12	DER3	-0.017	-0.004	-0.017	3.45	0.035	OK	-0.51
NE+6.80	12	DER4	-0.042	0.007	0.018	3.35	0.034	OK	0.53
NE+3.45	12	DER4	-0.017	0.003	-0.009	3.45	0.035	OK	-0.25

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	13	DER1	0.042	0.007	0.018	3.35	0.034	OK	0.52
NE+3.45	13	DER1	0.017	0.003	-0.018	3.45	0.035	OK	-0.52
NE+6.80	13	DER2	0.042	-0.009	0.018	3.35	0.034	OK	0.53
NE+3.45	13	DER2	0.017	-0.004	-0.018	3.45	0.035	OK	-0.51
NE+6.80	13	DER3	-0.042	-0.008	0.018	3.35	0.034	OK	0.53
NE+3.45	13	DER3	-0.017	-0.003	-0.018	3.45	0.035	OK	-0.52
NE+6.80	13	DER4	-0.042	0.008	0.018	3.35	0.034	OK	0.53
NE+3.45	13	DER4	-0.017	0.004	-0.008	3.45	0.035	OK	-0.23

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	14	DER1	0.037	0.009	0.014	3.35	0.034	OK	0.42
NE+3.45	14	DER1	0.017	0.004	-0.014	3.45	0.035	OK	-0.41
NE+6.80	14	DER2	0.037	-0.007	0.014	3.35	0.034	OK	0.42
NE+3.45	14	DER2	0.017	-0.003	-0.014	3.45	0.035	OK	-0.41
NE+6.80	14	DER3	-0.037	-0.009	0.014	3.35	0.034	OK	0.42
NE+3.45	14	DER3	-0.017	-0.004	-0.014	3.45	0.035	OK	-0.41
NE+6.80	14	DER4	-0.037	0.007	0.014	3.35	0.034	OK	0.42
NE+3.45	14	DER4	-0.017	0.003	-0.008	3.45	0.035	OK	-0.23

NE+6.80	12	DER5	0.012	0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	12	DER5	0.005	0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	12	DER6	-0.013	0.026	0.011	3.35	0.034	OK	0.33
NE+3.45	12	DER6	-0.005	0.012	-0.012	3.45	0.035	OK	-0.34
NE+6.80	12	DER7	-0.012	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	12	DER7	-0.005	-0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	12	DER8	0.013	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	12	DER8	0.005	-0.012	-0.021	3.45	0.035	OK	-0.60
NE+6.80	12	DER9	0.042	0.009	0.018	3.35	0.034	OK	0.53
NE+3.45	12	DER9	0.017	0.004	-0.018	3.45	0.035	OK	-0.51
NE+6.80	12	DER10	0.042	-0.007	0.018	3.35	0.034	OK	0.53
NE+3.45	12	DER10	0.017	-0.003	-0.018	3.45	0.035	OK	-0.52
NE+6.80	12	DER11	-0.042	-0.009	0.018	3.35	0.034	OK	0.53
NE+3.45	12	DER11	-0.017	-0.004	-0.018	3.45	0.035	OK	-0.51
NE+6.80	12	DER12	-0.042	0.007	0.018	3.35	0.034	OK	0.53
NE+3.45	12	DER12	-0.017	0.003	-0.009	3.45	0.035	OK	-0.25
NE+6.80	12	DER13	0.012	0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	12	DER13	0.005	0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	12	DER14	-0.013	0.026	0.011	3.35	0.034	OK	0.34
NE+3.45	12	DER14	-0.005	0.012	-0.012	3.45	0.035	OK	-0.34
NE+6.80	12	DER15	-0.012	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	12	DER15	-0.005	-0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	12	DER16	0.013	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	12	DER16	0.005	-0.012	0.009	3.45	0.035	OK	0.27

0.530

NE+6.80	13	DER5	0.012	0.026	0.011	3.35	0.034	OK	0.33
NE+3.45	13	DER5	0.005	0.012	-0.011	3.45	0.035	OK	-0.33
NE+6.80	13	DER6	-0.013	0.027	0.011	3.35	0.034	OK	0.33
NE+3.45	13	DER6	-0.005	0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	13	DER7	-0.012	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	13	DER7	-0.005	-0.013	-0.012	3.45	0.035	OK	-0.34
NE+6.80	13	DER8	0.013	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	13	DER8	0.005	-0.013	-0.020	3.45	0.035	OK	-0.57
NE+6.80	13	DER9	0.042	0.007	0.018	3.35	0.034	OK	0.52
NE+3.45	13	DER9	0.017	0.003	-0.018	3.45	0.035	OK	-0.52
NE+6.80	13	DER10	0.042	-0.009	0.018	3.35	0.034	OK	0.53
NE+3.45	13	DER10	0.017	-0.004	-0.018	3.45	0.035	OK	-0.51
NE+6.80	13	DER11	-0.042	-0.008	0.018	3.35	0.034	OK	0.53
NE+3.45	13	DER11	-0.017	-0.003	-0.018	3.45	0.035	OK	-0.52
NE+6.80	13	DER12	-0.042	0.008	0.018	3.35	0.034	OK	0.53
NE+3.45	13	DER12	-0.017	0.004	-0.008	3.45	0.035	OK	-0.23
NE+6.80	13	DER13	0.012	0.026	0.011	3.35	0.034	OK	0.33
NE+3.45	13	DER13	0.005	0.013	-0.011	3.45	0.035	OK	-0.33
NE+6.80	13	DER14	-0.013	0.027	0.011	3.35	0.034	OK	0.33
NE+3.45	13	DER14	-0.005	0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	13	DER15	-0.012	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	13	DER15	-0.005	-0.013	-0.012	3.45	0.035	OK	-0.34
NE+6.80	13	DER16	0.013	-0.027	0.011	3.35	0.034	OK	0.34
NE+3.45	13	DER16	0.005	-0.013	0.010	3.45	0.035	OK	0.28

0.531

NE+6.80	14	DER5	0.011	0.027	0.011	3.35	0.034	OK	0.32
NE+3.45	14	DER5	0.005	0.013	-0.011	3.45	0.035	OK	-0.31
NE+6.80	14	DER6	-0.012	0.026	0.011	3.35	0.034	OK	0.32
NE+3.45	14	DER6	-0.006	0.012	-0.011	3.45	0.035	OK	-0.32
NE+6.80	14	DER7	-0.011	-0.027	0.011	3.35	0.034	OK	0.33
NE+3.45	14	DER7	-0.005	-0.013	-0.011	3.45	0.035	OK	-0.31
NE+6.80	14	DER8	0.012	-0.027	0.011	3.35	0.034	OK	0.32
NE+3.45	14	DER8	0.006	-0.012	-0.017	3.45	0.035	OK	-0.49
NE+6.80	14	DER9	0.037	0.009	0.014	3.35	0.034	OK	0.42
NE+3.45	14	DER9	0.017	0.004	-0.014	3.45	0.035	OK	-0.41
NE+6.80	14	DER10	0.037	-0.007	0.014	3.35	0.034	OK	0.42
NE+3.45	14	DER10	0.017	-0.003	-0.014	3.45	0.035	OK	-0.41
NE+6.80	14	DER11	-0.037	-0.009	0.014	3.35	0.034	OK	0.42
NE+3.45	14	DER11	-0.017	-0.004	-0.014	3.45	0.035	OK	-0.41
NE+6.80	14	DER12	-0.037	0.007	0.014	3.35	0.034	OK	0.42
NE+3.45	14	DER12	-0.017	0.003	-0.008	3.45	0.035	OK	-0.23
NE+6.80	14	DER13	0.011	0.027	0.011	3.35	0.034	OK	0.32
NE+3.45	14	DER13	0.005	0.013	-0.011	3.45	0.035	OK	-0.31
NE+6.80	14	DER14	-0.012	0.026	0.011	3.35	0.034	OK	0.32
NE+3.45	14	DER14	-0.006	0.012	-0.011	3.45	0.035	OK	-0.32
NE+6.80	14	DER15	-0.011	-0.027	0.011	3.35	0.034	OK	0.33
NE+3.45	14	DER15	-0.005	-0.013	-0.011	3.45	0.035	OK	-0.31
NE+6.80	14	DER16	0.012	-0.027	0.011	3.35	0.034	OK	0.32
NE+3.45	14	DER16	0.006	-0.012	0.009	3.45	0.035	OK	0.27

0.422

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	15	DER1	0.037	0.010	0.014	3.35	0.034	OK	0.43
NE+3.45	15	DER1	0.017	0.004	-0.015	3.45	0.035	OK	-0.42
NE+6.80	15	DER2	0.037	-0.010	0.014	3.35	0.034	OK	0.43
NE+3.45	15	DER2	0.017	-0.004	-0.014	3.45	0.035	OK	-0.42
NE+6.80	15	DER3	-0.037	-0.011	0.014	3.35	0.034	OK	0.43
NE+3.45	15	DER3	-0.017	-0.004	-0.014	3.45	0.035	OK	-0.42
NE+6.80	15	DER4	-0.037	0.010	0.014	3.35	0.034	OK	0.43
NE+3.45	15	DER4	-0.017	0.004	-0.012	3.45	0.035	OK	-0.36
NE+6.80	15	DER5	0.011	0.034	0.015	3.35	0.034	OK	0.46
NE+3.45	15	DER5	0.005	0.013	-0.015	3.45	0.035	OK	-0.45
NE+6.80	15	DER6	-0.012	0.034	0.015	3.35	0.034	OK	0.46
NE+3.45	15	DER6	-0.006	0.012	-0.016	3.45	0.035	OK	-0.45
NE+6.80	15	DER7	-0.011	-0.034	0.016	3.35	0.034	OK	0.46
NE+3.45	15	DER7	-0.005	-0.013	-0.016	3.45	0.035	OK	-0.45
NE+6.80	15	DER8	0.012	-0.034	0.016	3.35	0.034	OK	0.46
NE+3.45	15	DER8	0.006	-0.013	-0.017	3.45	0.035	OK	-0.50
NE+6.80	15	DER9	0.037	0.010	0.014	3.35	0.034	OK	0.43
NE+3.45	15	DER9	0.017	0.004	-0.015	3.45	0.035	OK	-0.42
NE+6.80	15	DER10	0.037	-0.010	0.014	3.35	0.034	OK	0.43
NE+3.45	15	DER10	0.017	-0.004	-0.014	3.45	0.035	OK	-0.42
NE+6.80	15	DER11	-0.037	-0.011	0.014	3.35	0.034	OK	0.43
NE+3.45	15	DER11	-0.017	-0.004	-0.015	3.45	0.035	OK	-0.42
NE+6.80	15	DER12	-0.037	0.010	0.014	3.35	0.034	OK	0.43
NE+3.45	15	DER12	-0.017	0.004	-0.012	3.45	0.035	OK	-0.36
NE+6.80	15	DER13	0.011	0.034	0.015	3.35	0.034	OK	0.46
NE+3.45	15	DER13	0.005	0.013	-0.015	3.45	0.035	OK	-0.45
NE+6.80	15	DER14	-0.012	0.034	0.015	3.35	0.034	OK	0.46
NE+3.45	15	DER14	-0.006	0.012	-0.016	3.45	0.035	OK	-0.45
NE+6.80	15	DER15	-0.011	-0.034	0.016	3.35	0.034	OK	0.46
NE+3.45	15	DER15	-0.005	-0.013	-0.016	3.45	0.035	OK	-0.45
NE+6.80	15	DER16	0.012	-0.034	0.015	3.35	0.034	OK	0.46
NE+3.45	15	DER16	0.006	-0.013	0.010	3.45	0.035	OK	0.28

0.464

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	16	DER1	0.037	0.007	0.014	3.35	0.034	OK	0.42
NE+3.45	16	DER1	0.017	0.003	-0.015	3.45	0.035	OK	-0.42
NE+6.80	16	DER2	0.037	-0.009	0.014	3.35	0.034	OK	0.42
NE+3.45	16	DER2	0.017	-0.004	-0.014	3.45	0.035	OK	-0.40
NE+6.80	16	DER3	-0.037	-0.008	0.014	3.35	0.034	OK	0.42
NE+3.45	16	DER3	-0.017	-0.003	-0.014	3.45	0.035	OK	-0.42
NE+6.80	16	DER4	-0.037	0.008	0.014	3.35	0.034	OK	0.42
NE+3.45	16	DER4	-0.017	0.004	-0.007	3.45	0.035	OK	-0.21
NE+6.80	16	DER5	0.011	0.026	0.011	3.35	0.034	OK	0.31
NE+3.45	16	DER5	0.005	0.012	-0.011	3.45	0.035	OK	-0.32
NE+6.80	16	DER6	-0.012	0.027	0.011	3.35	0.034	OK	0.32
NE+3.45	16	DER6	-0.006	0.013	-0.011	3.45	0.035	OK	-0.31
NE+6.80	16	DER7	-0.011	-0.027	0.011	3.35	0.034	OK	0.33
NE+3.45	16	DER7	-0.005	-0.013	-0.011	3.45	0.035	OK	-0.33
NE+6.80	16	DER8	0.012	-0.028	0.011	3.35	0.034	OK	0.33
NE+3.45	16	DER8	0.006	-0.013	-0.016	3.45	0.035	OK	-0.47
NE+6.80	16	DER9	0.037	0.007	0.014	3.35	0.034	OK	0.42
NE+3.45	16	DER9	0.017	0.003	-0.014	3.45	0.035	OK	-0.42
NE+6.80	16	DER10	0.037	-0.009	0.014	3.35	0.034	OK	0.42
NE+3.45	16	DER10	0.017	-0.004	-0.014	3.45	0.035	OK	-0.40
NE+6.80	16	DER11	-0.037	-0.008	0.014	3.35	0.034	OK	0.42
NE+3.45	16	DER11	-0.017	-0.003	-0.014	3.45	0.035	OK	-0.42
NE+6.80	16	DER12	-0.037	0.008	0.014	3.35	0.034	OK	0.42
NE+3.45	16	DER12	-0.017	0.004	-0.007	3.45	0.035	OK	-0.21
NE+6.80	16	DER13	0.011	0.026	0.010	3.35	0.034	OK	0.31
NE+3.45	16	DER13	0.005	0.013	-0.011	3.45	0.035	OK	-0.32
NE+6.80	16	DER14	-0.012	0.027	0.011	3.35	0.034	OK	0.32
NE+3.45	16	DER14	-0.006	0.013	-0.011	3.45	0.035	OK	-0.31
NE+6.80	16	DER15	-0.011	-0.027	0.011	3.35	0.034	OK	0.32
NE+3.45	16	DER15	-0.005	-0.013	-0.011	3.45	0.035	OK	-0.33
NE+6.80	16	DER16	0.012	-0.027	0.011	3.35	0.034	OK	0.33
NE+3.45	16	DER16	0.006	-0.013	0.010	3.45	0.035	OK	0.28

0.424

2.3.1 DESPLAZAMIENTOS NUDOS

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+6.80	3	DER1	0.0349	0.0078	0.0000	-0.0009	0.0053	0.0001
NE+6.80	3	DER2	0.0347	-0.0092	-0.0001	0.0016	0.0053	0.0002
NE+6.80	3	DER3	-0.0350	-0.0091	-0.0003	0.0015	-0.0053	0.0000
NE+6.80	3	DER4	-0.0348	0.0079	-0.0002	-0.0009	-0.0053	-0.0001
NE+6.80	3	DER5	0.0107	0.0276	0.0000	-0.0037	0.0016	-0.0001
NE+6.80	3	DER6	-0.0102	0.0277	-0.0001	-0.0037	-0.0016	-0.0001
NE+6.80	3	DER7	-0.0109	-0.0290	-0.0003	0.0044	-0.0016	0.0001
NE+6.80	3	DER8	0.0100	-0.0290	-0.0003	0.0044	0.0016	0.0002
NE+6.80	3	DER9	0.0349	0.0079	0.0000	-0.0009	0.0054	0.0001
NE+6.80	3	DER10	0.0347	-0.0091	-0.0001	0.0016	0.0054	0.0002
NE+6.80	3	DER11	-0.0350	-0.0090	-0.0003	0.0015	-0.0052	0.0000
NE+6.80	3	DER12	-0.0348	0.0080	-0.0002	-0.0009	-0.0052	-0.0001
NE+6.80	3	DER13	0.0108	0.0278	0.0000	-0.0037	0.0017	-0.0001
NE+6.80	3	DER14	-0.0101	0.0278	0.0000	-0.0037	-0.0015	-0.0001
NE+6.80	3	DER15	-0.0109	-0.0289	-0.0003	0.0044	-0.0015	0.0001
NE+6.80	3	DER16	0.0101	-0.0289	-0.0002	0.0044	0.0017	0.0002
NE+6.80	4	DER1	0.0349	0.0069	-0.0002	-0.0008	0.0053	0.0002
NE+6.80	4	DER2	0.0347	-0.0092	-0.0003	0.0014	0.0053	0.0002
NE+6.80	4	DER3	-0.0351	-0.0077	-0.0001	0.0013	-0.0053	-0.0001
NE+6.80	4	DER4	-0.0348	0.0084	0.0000	-0.0008	-0.0053	-0.0002
NE+6.80	4	DER5	0.0107	0.0262	-0.0001	-0.0033	0.0016	0.0000
NE+6.80	4	DER6	-0.0102	0.0266	0.0000	-0.0033	-0.0016	-0.0001
NE+6.80	4	DER7	-0.0109	-0.0270	-0.0002	0.0038	-0.0016	0.0001
NE+6.80	4	DER8	0.0100	-0.0274	-0.0003	0.0038	0.0016	0.0002
NE+6.80	4	DER9	0.0349	0.0070	-0.0002	-0.0008	0.0052	0.0002
NE+6.80	4	DER10	0.0347	-0.0091	-0.0003	0.0013	0.0052	0.0002
NE+6.80	4	DER11	-0.0350	-0.0076	-0.0001	0.0013	-0.0054	-0.0001
NE+6.80	4	DER12	-0.0348	0.0085	0.0000	-0.0009	-0.0054	-0.0002
NE+6.80	4	DER13	0.0108	0.0263	0.0000	-0.0033	0.0015	0.0000
NE+6.80	4	DER14	-0.0101	0.0267	0.0000	-0.0033	-0.0017	-0.0001
NE+6.80	4	DER15	-0.0109	-0.0269	-0.0002	0.0038	-0.0017	0.0001
NE+6.80	4	DER16	0.0100	-0.0273	-0.0003	0.0038	0.0015	0.0002
NE+6.80	5	DER1	0.0353	0.0088	0.0000	-0.0012	0.0053	-0.0008
NE+6.80	5	DER2	0.0350	-0.0072	-0.0001	0.0010	0.0053	-0.0010
NE+6.80	5	DER3	-0.0355	-0.0091	-0.0003	0.0011	-0.0052	0.0007
NE+6.80	5	DER4	-0.0352	0.0069	-0.0002	-0.0011	-0.0052	0.0008
NE+6.80	5	DER5	0.0109	0.0268	0.0000	-0.0037	0.0017	-0.0001
NE+6.80	5	DER6	-0.0102	0.0262	-0.0001	-0.0037	-0.0015	0.0004
NE+6.80	5	DER7	-0.0111	-0.0271	-0.0003	0.0036	-0.0016	-0.0001
NE+6.80	5	DER8	0.0100	-0.0265	-0.0002	0.0036	0.0015	-0.0006
NE+6.80	5	DER9	0.0353	0.0088	0.0000	-0.0012	0.0053	-0.0008
NE+6.80	5	DER10	0.0351	-0.0072	0.0000	0.0010	0.0053	-0.0009

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+6.80	12	DER7	-0.0122	-0.0271	-0.0003	0.0033	-0.0022	-0.0001
NE+6.80	12	DER8	0.0128	-0.0265	-0.0003	0.0033	0.0019	0.0003
NE+6.80	12	DER9	0.0418	0.0088	-0.0002	-0.0010	0.0069	0.0005
NE+6.80	12	DER10	0.0419	-0.0072	-0.0002	0.0010	0.0069	0.0006
NE+6.80	12	DER11	-0.0417	-0.0090	-0.0002	0.0010	-0.0068	-0.0005
NE+6.80	12	DER12	-0.0418	0.0070	-0.0002	-0.0009	-0.0068	-0.0006
NE+6.80	12	DER13	0.0123	0.0268	-0.0002	-0.0033	0.0021	0.0001
NE+6.80	12	DER14	-0.0128	0.0263	-0.0002	-0.0033	-0.0020	-0.0003
NE+6.80	12	DER15	-0.0122	-0.0271	-0.0002	0.0033	-0.0020	-0.0001
NE+6.80	12	DER16	0.0128	-0.0265	-0.0002	0.0033	0.0021	0.0003
NE+6.80	13	DER1	0.0416	0.0070	-0.0003	-0.0009	0.0070	0.0006
NE+6.80	13	DER2	0.0418	-0.0091	-0.0003	0.0011	0.0070	0.0005
NE+6.80	13	DER3	-0.0418	-0.0077	-0.0002	0.0010	-0.0067	-0.0006
NE+6.80	13	DER4	-0.0420	0.0084	-0.0002	-0.0009	-0.0067	-0.0005
NE+6.80	13	DER5	0.0122	0.0262	-0.0003	-0.0032	0.0022	0.0003
NE+6.80	13	DER6	-0.0129	0.0267	-0.0003	-0.0032	-0.0019	0.0000
NE+6.80	13	DER7	-0.0124	-0.0270	-0.0003	0.0033	-0.0019	-0.0004
NE+6.80	13	DER8	0.0127	-0.0274	-0.0003	0.0033	0.0022	0.0000
NE+6.80	13	DER9	0.0416	0.0070	-0.0002	-0.0009	0.0068	0.0006
NE+6.80	13	DER10	0.0418	-0.0091	-0.0002	0.0011	0.0068	0.0005
NE+6.80	13	DER11	-0.0418	-0.0077	-0.0002	0.0010	-0.0069	-0.0006
NE+6.80	13	DER12	-0.0419	0.0084	-0.0002	-0.0009	-0.0069	-0.0005
NE+6.80	13	DER13	0.0122	0.0263	-0.0002	-0.0032	0.0020	0.0003
NE+6.80	13	DER14	-0.0129	0.0267	-0.0002	-0.0032	-0.0022	0.0000
NE+6.80	13	DER15	-0.0123	-0.0269	-0.0002	0.0033	-0.0021	-0.0003
NE+6.80	13	DER16	0.0127	-0.0274	-0.0002	0.0033	0.0020	0.0000
NE+6.80	14	DER1	0.0368	0.0087	-0.0001	-0.0010	0.0051	0.0009
NE+6.80	14	DER2	0.0372	-0.0073	0.0000	0.0012	0.0051	0.0003
NE+6.80	14	DER3	-0.0369	-0.0091	-0.0002	0.0012	-0.0050	-0.0009
NE+6.80	14	DER4	-0.0372	0.0069	-0.0003	-0.0010	-0.0050	-0.0003
NE+6.80	14	DER5	0.0106	0.0268	-0.0002	-0.0036	0.0015	0.0011
NE+6.80	14	DER6	-0.0116	0.0263	-0.0003	-0.0036	-0.0015	0.0007
NE+6.80	14	DER7	-0.0106	-0.0271	-0.0001	0.0038	-0.0014	-0.0011
NE+6.80	14	DER8	0.0116	-0.0266	0.0000	0.0037	0.0016	-0.0007
NE+6.80	14	DER9	0.0368	0.0088	0.0000	-0.0010	0.0051	0.0009
NE+6.80	14	DER10	0.0372	-0.0072	0.0000	0.0011	0.0052	0.0003
NE+6.80	14	DER11	-0.0368	-0.0090	-0.0002	0.0012	-0.0050	-0.0009
NE+6.80	14	DER12	-0.0372	0.0070	-0.0002	-0.0010	-0.0050	-0.0003
NE+6.80	14	DER13	0.0106	0.0268	-0.0002	-0.0036	0.0015	0.0011
NE+6.80	14	DER14	-0.0116	0.0263	-0.0002	-0.0036	-0.0015	0.0007
NE+6.80	14	DER15	-0.0106	-0.0271	0.0000	0.0038	-0.0014	-0.0011
NE+6.80	14	DER16	0.0116	-0.0266	0.0000	0.0037	0.0016	-0.0007

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+3.45	7	DER13	0.0048	0.0125	-0.0002	-0.0031	0.0014	0.0000
NE+3.45	7	DER14	-0.0044	0.0128	-0.0001	-0.0031	-0.0018	0.0001
NE+3.45	7	DER15	-0.0048	-0.0126	-0.0001	0.0031	-0.0019	0.0000
NE+3.45	7	DER16	0.0044	-0.0129	-0.0001	0.0032	0.0013	-0.0001
NE+3.45	8	DER1	0.0159	0.0043	-0.0002	-0.0011	0.0086	-0.0001
NE+3.45	8	DER2	0.0158	-0.0032	-0.0002	0.0008	0.0085	-0.0001
NE+3.45	8	DER3	-0.0159	-0.0044	-0.0003	0.0011	-0.0044	0.0001
NE+3.45	8	DER4	-0.0159	0.0030	-0.0003	-0.0008	-0.0044	0.0001
NE+3.45	8	DER5	0.0048	0.0125	-0.0002	-0.0032	0.0040	0.0000
NE+3.45	8	DER6	-0.0047	0.0121	-0.0002	-0.0031	0.0002	0.0001
NE+3.45	8	DER7	-0.0049	-0.0126	-0.0002	0.0032	0.0001	0.0000
NE+3.45	8	DER8	0.0047	-0.0123	-0.0002	0.0032	0.0040	-0.0001
NE+3.45	8	DER9	0.0159	0.0043	-0.0001	-0.0011	0.0076	-0.0001
NE+3.45	8	DER10	0.0159	-0.0031	-0.0001	0.0008	0.0076	-0.0001
NE+3.45	8	DER11	-0.0159	-0.0044	-0.0002	0.0011	-0.0054	0.0001
NE+3.45	8	DER12	-0.0159	0.0030	-0.0002	-0.0008	-0.0054	0.0001
NE+3.45	8	DER13	0.0048	0.0125	-0.0002	-0.0032	0.0031	0.0000
NE+3.45	8	DER14	-0.0047	0.0121	-0.0002	-0.0031	-0.0008	0.0001
NE+3.45	8	DER15	-0.0049	-0.0126	-0.0002	0.0032	-0.0009	0.0000
NE+3.45	8	DER16	0.0047	-0.0123	-0.0001	0.0032	0.0030	-0.0001
NE+3.45	9	DER1	0.0159	0.0032	-0.0003	-0.0008	0.0044	-0.0001
NE+3.45	9	DER2	0.0158	-0.0044	-0.0003	0.0011	0.0044	-0.0001
NE+3.45	9	DER3	-0.0159	-0.0034	-0.0002	0.0009	-0.0086	0.0001
NE+3.45	9	DER4	-0.0159	0.0043	-0.0002	-0.0010	-0.0086	0.0001
NE+3.45	9	DER5	0.0048	0.0124	-0.0002	-0.0032	-0.0001	0.0000
NE+3.45	9	DER6	-0.0047	0.0128	-0.0002	-0.0032	-0.0040	0.0001
NE+3.45	9	DER7	-0.0049	-0.0126	-0.0002	0.0033	-0.0041	0.0000
NE+3.45	9	DER8	0.0047	-0.0130	-0.0002	0.0033	-0.0002	-0.0001
NE+3.45	9	DER9	0.0159	0.0032	-0.0002	-0.0008	0.0054	-0.0001
NE+3.45	9	DER10	0.0159	-0.0044	-0.0002	0.0011	0.0053	-0.0001
NE+3.45	9	DER11	-0.0159	-0.0033	-0.0001	0.0009	-0.0076	0.0001
NE+3.45	9	DER12	-0.0159	0.0043	-0.0001	-0.0010	-0.0076	0.0001
NE+3.45	9	DER13	0.0048	0.0125	-0.0002	-0.0032	0.0008	0.0000
NE+3.45	9	DER14	-0.0047	0.0128	-0.0002	-0.0033	-0.0030	0.0001
NE+3.45	9	DER15	-0.0049	-0.0126	-0.0002	0.0033	-0.0031	0.0000
NE+3.45	9	DER16	0.0047	-0.0129	-0.0002	0.0033	0.0008	-0.0001
NE+3.45	10	DER1	0.0163	0.0043	-0.0002	-0.0011	0.0089	-0.0001
NE+3.45	10	DER2	0.0164	-0.0032	-0.0002	0.0009	0.0089	-0.0001
NE+3.45	10	DER3	-0.0164	-0.0044	-0.0003	0.0011	-0.0047	0.0001
NE+3.45	10	DER4	-0.0164	0.0030	-0.0003	-0.0008	-0.0047	0.0001
NE+3.45	10	DER5	0.0048	0.0125	-0.0002	-0.0032	0.0041	0.0000
NE+3.45	10	DER6	-0.0050	0.0121	-0.0002	-0.0032	0.0000	0.0001

NE+6.80	5	DER11	-0.0355	-0.0090	-0.0002	0.0011	-0.0052	0.0007
NE+6.80	5	DER12	-0.0352	0.0070	-0.0002	-0.0011	-0.0052	0.0008
NE+6.80	5	DER13	0.0110	0.0268	0.0000	-0.0037	0.0017	-0.0001
NE+6.80	5	DER14	-0.0102	0.0263	0.0000	-0.0037	-0.0014	0.0004
NE+6.80	5	DER15	-0.0111	-0.0270	-0.0002	0.0036	-0.0016	-0.0001
NE+6.80	5	DER16	0.0101	-0.0265	-0.0002	0.0036	0.0016	-0.0006
NE+6.80	6	DER1	0.0353	0.0078	-0.0003	-0.0009	0.0049	-0.0001
NE+6.80	6	DER2	0.0350	-0.0092	-0.0002	0.0015	0.0048	-0.0001
NE+6.80	6	DER3	-0.0355	-0.0091	-0.0002	0.0014	-0.0048	0.0000
NE+6.80	6	DER4	-0.0352	0.0079	-0.0002	-0.0010	-0.0048	0.0001
NE+6.80	6	DER5	0.0109	0.0276	-0.0004	-0.0038	0.0015	0.0000
NE+6.80	6	DER6	-0.0102	0.0277	-0.0004	-0.0038	-0.0014	0.0000
NE+6.80	6	DER7	-0.0111	-0.0290	-0.0001	0.0043	-0.0015	0.0000
NE+6.80	6	DER8	0.0100	-0.0290	-0.0001	0.0043	0.0014	-0.0001
NE+6.80	6	DER9	0.0353	0.0079	-0.0002	-0.0010	0.0049	-0.0001
NE+6.80	6	DER10	0.0351	-0.0091	-0.0002	0.0014	0.0049	-0.0001
NE+6.80	6	DER11	-0.0355	-0.0090	-0.0001	0.0014	-0.0048	0.0000
NE+6.80	6	DER12	-0.0352	0.0080	-0.0002	-0.0011	-0.0048	0.0001
NE+6.80	6	DER13	0.0110	0.0278	-0.0003	-0.0039	0.0016	0.0000
NE+6.80	6	DER14	-0.0102	0.0278	-0.0003	-0.0039	-0.0013	0.0000
NE+6.80	6	DER15	-0.0111	-0.0289	0.0000	0.0042	-0.0015	0.0000
NE+6.80	6	DER16	0.0101	-0.0289	0.0000	0.0043	0.0014	-0.0001
NE+6.80	7	DER1	0.0353	0.0069	-0.0003	-0.0009	0.0052	-0.0006
NE+6.80	7	DER2	0.0350	-0.0091	-0.0003	0.0010	0.0052	-0.0006
NE+6.80	7	DER3	-0.0356	-0.0077	-0.0001	0.0010	-0.0055	0.0007
NE+6.80	7	DER4	-0.0353	0.0084	-0.0001	-0.0009	-0.0054	0.0006
NE+6.80	7	DER5	0.0109	0.0262	-0.0002	-0.0031	0.0015	-0.0002
NE+6.80	7	DER6	-0.0103	0.0266	-0.0002	-0.0032	-0.0017	0.0001
NE+6.80	7	DER7	-0.0112	-0.0270	-0.0001	0.0032	-0.0018	0.0003
NE+6.80	7	DER8	0.0100	-0.0274	-0.0002	0.0032	0.0014	-0.0001
NE+6.80	7	DER9	0.0354	0.0070	-0.0002	-0.0009	0.0052	-0.0006
NE+6.80	7	DER10	0.0351	-0.0091	-0.0002	0.0010	0.0052	-0.0006
NE+6.80	7	DER11	-0.0355	-0.0076	-0.0001	0.0010	-0.0055	0.0007
NE+6.80	7	DER12	-0.0353	0.0085	-0.0001	-0.0010	-0.0055	0.0006
NE+6.80	7	DER13	0.0110	0.0263	-0.0002	-0.0032	0.0015	-0.0002
NE+6.80	7	DER14	-0.0102	0.0267	-0.0002	-0.0032	-0.0017	0.0001
NE+6.80	7	DER15	-0.0111	-0.0269	-0.0001	0.0032	-0.0018	0.0003
NE+6.80	7	DER16	0.0101	-0.0273	-0.0001	0.0032	0.0014	-0.0001
NE+6.80	8	DER1	0.0406	0.0088	-0.0002	-0.0010	0.0067	-0.0008
NE+6.80	8	DER2	0.0405	-0.0072	-0.0002	0.0010	0.0067	-0.0008
NE+6.80	8	DER3	-0.0405	-0.0091	-0.0003	0.0011	-0.0070	0.0008
NE+6.80	8	DER4	-0.0405	0.0069	-0.0003	-0.0009	-0.0070	0.0008
NE+6.80	8	DER5	0.0123	0.0268	-0.0003	-0.0033	0.0019	-0.0002
NE+6.80	8	DER6	-0.0120	0.0262	-0.0003	-0.0032	-0.0022	0.0003
NE+6.80	8	DER7	-0.0123	-0.0271	-0.0003	0.0033	-0.0022	0.0002
NE+6.80	8	DER8	0.0120	-0.0265	-0.0003	0.0033	0.0019	-0.0003
NE+6.80	8	DER9	0.0406	0.0088	-0.0002	-0.0010	0.0069	-0.0008
NE+6.80	8	DER10	0.0405	-0.0072	-0.0002	0.0009	0.0069	-0.0008
NE+6.80	8	DER11	-0.0405	-0.0090	-0.0002	0.0011	-0.0068	0.0008
NE+6.80	8	DER12	-0.0405	0.0070	-0.0002	-0.0009	-0.0068	0.0008
NE+6.80	8	DER13	0.0123	0.0268	-0.0002	-0.0033	0.0021	-0.0002
NE+6.80	8	DER14	-0.0120	0.0262	-0.0002	-0.0033	-0.0020	0.0003
NE+6.80	8	DER15	-0.0123	-0.0270	-0.0002	0.0033	-0.0020	0.0002
NE+6.80	8	DER16	0.0120	-0.0265	-0.0002	0.0033	0.0021	-0.0003
NE+6.80	9	DER1	0.0404	0.0069	-0.0003	-0.0008	0.0070	-0.0008
NE+6.80	9	DER2	0.0403	-0.0091	-0.0003	0.0011	0.0070	-0.0009
NE+6.80	9	DER3	-0.0407	-0.0077	-0.0002	0.0010	-0.0067	0.0008
NE+6.80	9	DER4	-0.0406	0.0084	-0.0002	-0.0009	-0.0067	0.0009
NE+6.80	9	DER5	0.0122	0.0262	-0.0003	-0.0031	0.0022	-0.0002
NE+6.80	9	DER6	-0.0122	0.0266	-0.0003	-0.0031	-0.0019	0.0003
NE+6.80	9	DER7	-0.0125	-0.0270	-0.0003	0.0033	-0.0019	0.0002
NE+6.80	9	DER8	0.0119	-0.0274	-0.0003	0.0033	0.0022	-0.0004
NE+6.80	9	DER9	0.0405	0.0070	-0.0002	-0.0009	0.0068	-0.0008
NE+6.80	9	DER10	0.0404	-0.0091	-0.0002	0.0011	0.0067	-0.0009
NE+6.80	9	DER11	-0.0406	-0.0076	-0.0002	0.0010	-0.0069	0.0008
NE+6.80	9	DER12	-0.0406	0.0085	-0.0002	-0.0009	-0.0069	0.0009
NE+6.80	9	DER13	0.0122	0.0263	-0.0002	-0.0032	0.0020	-0.0002
NE+6.80	9	DER14	-0.0121	0.0267	-0.0002	-0.0032	-0.0021	0.0003
NE+6.80	9	DER15	-0.0124	-0.0269	-0.0002	0.0033	-0.0021	0.0002
NE+6.80	9	DER16	0.0119	-0.0273	-0.0002	0.0033	0.0020	-0.0004
NE+6.80	10	DER1	0.0428	0.0087	-0.0002	-0.0010	0.0072	-0.0002
NE+6.80	10	DER2	0.0429	-0.0072	-0.0002	0.0010	0.0072	-0.0002
NE+6.80	10	DER3	-0.0428	-0.0091	-0.0003	0.0010	-0.0076	0.0002
NE+6.80	10	DER4	-0.0428	0.0069	-0.0003	-0.0009	-0.0076	0.0002
NE+6.80	10	DER5	0.0128	0.0268	-0.0003	-0.0033	0.0020	0.0000
NE+6.80	10	DER6	-0.0129	0.0262	-0.0003	-0.0032	-0.0024	0.0001
NE+6.80	10	DER7	-0.0127	-0.0271	-0.0003	0.0033	-0.0024	0.0000
NE+6.80	10	DER8	0.0130	-0.0265	-0.0003	0.0033	0.0021	-0.0001
NE+6.80	10	DER9	0.0428	0.0088	-0.0002	-0.0010	0.0075	-0.0002
NE+6.80	10	DER10	0.0429	-0.0072	-0.0002	0.0010	0.0075	-0.0002
NE+6.80	10	DER11	-0.0428	-0.0090	-0.0002	0.0010	-0.0073	0.0002
NE+6.80	10	DER12	-0.0428	0.0070	-0.0002	-0.0009	-0.0073	0.0002
NE+6.80	10	DER13	0.0128	0.0268	-0.0002	-0.0033	0.0023	0.0000
NE+6.80	10	DER14	-0.0129	0.0262	-0.0002	-0.0032	-0.0022	0.0001
NE+6.80	10	DER15	-0.0127	-0.0270	-0.0002	0.0033	-0.0021	0.0000
NE+6.80	10	DER16	0.0130	-0.0265	-0.0002	0.0033	0.0023	-0.0001
NE+6.80	11	DER1	0.0427	0.0070	-0.0003	-0.0009	0.0076	-0.0002
NE+6.80	11	DER2	0.0427	-0.0091	-0.0003	0.0011	0.0076	-0.0002
NE+6.80	11	DER3	-0.0429	-0.0077	-0.0002	0.0010	-0.0072	0.0002
NE+6.80	11	DER4	-0.0430	0.0084	-0.0002	-0.0009	-0.0072	0.0002
NE+6.80	11	DER5	0.0126	0.0262	-0.0003	-0.0031	0.0024	0.0000
NE+6.80	11	DER6	-0.0130	0.0266	-0.0003	-0.0032	-0.0021	0.0001
NE+6.80	11	DER7	-0.0129	-0.0270	-0.0003	0.0033	-0.0021	0.0000
NE+6.80	11	DER8	0.0128	-0.0274	-0.0003	0.0033	0.0024	-0.0001
NE+6.80	11	DER9	0.0427	0.0070	-0.0002	-0.0009	0.0073	-0.0002
NE+6.80	11	DER10	0.0428	-0.0091	-0.0002	0.0010	0.0073	-0.0002
NE+6.80	11	DER11	-0.0429	-0.0076	-0.0002	0.0010	-0.0075	0.0002
NE+6.80	11	DER12	-0.0429	0.0084	-0.0002	-0.0009	-0.0075	0.0002
NE+6.80	11	DER13	0.0127	0.0263	-0.0002	-0.0032	0.0021	0.0000
NE+6.80	11	DER14	-0.0130	0.0267	-0.0002	-0.0032	-0.0023	0.0001
NE+6.80	11	DER15	-0.0128	-0.0269	-0.0002	0.0033	-0.0023	0.0000
NE+6.80	11	DER16	0.0129	-0.0273	-0.0002	0.0033	0.0021	-0.0001
NE+6.80	12	DER1	0.0418	0.0087	-0.0002	-0.0010	0.0067	0.0005
NE+6.80	12	DER2	0.0419	-0.0073	-0.0002	0.0010	0.0067	0.0006
NE+6.80	12	DER3	-0.0417	-0.0091	-0.0003	0.0011	-0.0070	-0.0005
NE+6.80	12	DER4	-0.0418	0.0069	-0.0003	-0.0009	-0.0070	-0.0006
NE+6.80	12	DER5	0.0123	0.0268	-0.0003	-0.0033	0.0019	0.0001
NE+6.80	12	DER6	-0.0127	0.0262	-0.0003	-0.0032	-0.0022	-0.0003

NE+6.80	15	DER1	0.0368	0.0102	-0.0002	-0.0020	0.0047	-0.0004
NE+6.80	15	DER2	0.0371	-0.0101	-0.0002	0.0020	0.0047	-0.0005
NE+6.80	15	DER3	-0.0369	-0.0107	-0.0002	0.0021	-0.0047	0.0003
NE+6.80	15	DER4	-0.0372	0.0096	-0.0002	-0.0019	-0.0047	0.0005
NE+6.80	15	DER5	0.0106	0.0337	-0.0002	-0.0066	0.0014	0.0001
NE+6.80	15	DER6	-0.0116	0.0335	-0.0002	-0.0065	-0.0014	0.0003
NE+6.80	15	DER7	-0.0106	-0.0341	-0.0002	0.0067	-0.0013	-0.0001
NE+6.80	15	DER8	0.0116	-0.0339	-0.0002	0.0066	0.0015	-0.0004
NE+6.80	15	DER9	0.0368	0.0103	-0.0002	-0.0020	0.0047	-0.0004
NE+6.80	15	DER10	0.0371	-0.0100	-0.0002	0.0019	0.0047	-0.0005
NE+6.80	15	DER11	-0.0368	-0.0106	-0.0001	0.0021	-0.0047	0.0003
NE+6.80	15	DER12	-0.0372	0.0097	-0.0001	-0.0019	-0.0047	0.0005
NE+6.80	15	DER13	0.0106	0.0337	-0.0002	-0.0066	0.0014	0.0001
NE+6.80	15	DER14	-0.0116	0.0335	-0.0001	-0.0065	-0.0014	0.0003
NE+6.80	15	DER15	-0.0106	-0.0341	-0.0001	0.0066	-0.0013	-0.0001
NE+6.80	15	DER16	0.0116	-0.0339	-0.0002	0.0066	0.0015	-0.0004
NE+6.80	16	DER1	0.0368	0.0070	-0.0002	-0.0009	0.0050	0.0004
NE+6.80	16	DER2	0.0371	-0.0091	-0.0002	0.0012	0.0051	0.0008
NE+6.80	16	DER3	-0.0369	-0.0078	0.0000	0.0012	-0.0052	-0.0004
NE+6.80	16	DER4	-0.0372	0.0084	-0.0001	-0.0009	-0.0052	-0.0008
NE+6.80	16	DER5	0.0106	0.0263	-0.0003	-0.0034	0.0014	-0.0005
NE+6.80	16	DER6	-0.0117	0.0267	-0.0002	-0.0034	-0.0017	-0.0009
NE+6.80	16	DER7	-0.0106	-0.0270	0.0000	0.0037	-0.0016	0.0005
NE+6.80	16	DER8	0.0116	-0.0275	-0.0001	0.0038	0.0015	0.0008
NE+6.80	16	DER9	0.0368	0.0071	-0.0002	-0.0009	0.0050	0.0004
NE+6.80	16	DER10	0.0371	-0.0091	-0.0002	0.0012	0.0050	0.0008
NE+6.80	16	DER11	-0.0369	-0.0077	0.0000	0.0012	-0.0052	-0.0004
NE+6.80	16	DER12	-0.0372	0.0084	-0.0001	-0.0009	-0.0052	-0.0008
NE+6.80	16	DER13	0.0106	0.0263	-0.0002	-0.0035	0.0014	-0.0005
NE+6.80	16	DER14	-0.0116	0.0268	-0.0002	-0.0035	-0.0017	-0.0009
NE+6.80	16	DER15	-0.0106	-0.0270	0.0000	0.0037	-0.0016	0.0005
NE+6.80	16	DER16	0.0116	-0.0274	0.0000	0.0037	0.0015	0.0008
NE+3.45	3	DER1	0.0150	0.0038	0.0000	-0.0011	0.0055	-0.0001
NE+3.45	3	DER2	0.0149	-0.0038	-0.0001	0.0012	0.0055	-0.0001
NE+3.45	3	DER3	-0.0151	-0.0039	-0.0002	0.0013	-0.0048	0.0001
NE+3.45	3	DER4	-0.0149	0.0036	-0.0002	-0.0011	-0.0048	0.0001
NE+3.45	3	DER5	0.0048	0.0125	0.0000	-0.0039	0.0020	0.0000
NE+3.45	3	DER6	-0.0042	0.0124	0.0000	-0.0039	-0.0011	0.0001
NE+3.45	3	DER7	-0.0049	-0.0126	-0.0002	0.0041	-0.0013	0.0000
NE+3.45	3	DER8	0.0041	-0.0126	-0.0002	0.0040	0.0018	-0.0001
NE+3.45	3	DER9	0.0151	0.0038	0.0000	-0.0012	0.0054	-0.0001
NE+3.45	3	DER10	0.0149	-0.0037	-0.0001	0.0012	0.0053	-0.0001
NE+3.45	3	DER11	-0.0151	-0.0039	-0.0002	0.0012	-0.0050	0.0001
NE+3.45	3	DER12	-0.0149	0.0036	-0.0001	-0.0011	-0.0050	0.0001
NE+3.45	3	DER13	0.0048	0.0125	0.0000	-0.0040	0.0018	0.0000
NE+3.45	3	DER14	-0.0042	0.0124	0.0000	-0.0039	-0.0013	0.0001
NE+3.45	3	DER15	-0.0048	-0.0126	-0.0002	0.0040	-0.0014	0.0000
NE+3.45	3	DER16	0.0042	-0.0126	-0.0002	0.0040	0.0017	-0.0001
NE+3.45	4	DER1	0.0150	0.0032	-0.0002	-0.0010	0.0048	-0.0001
NE+3.45	4	DER2	0.0149	-0.0044	-0.0002	0.0014	0.0048	-0.0001
NE+3.45	4	DER3	-0.0151	-0.0034	-0.0001	0.0011	-0.0056	0.0001
NE+3.45	4	DER4	-0.0149	0.0043	0.0000	-0.0012	-0.0055	0.0001
NE+3.45	4	DER5	0.0048	0.0124	-0.0001	-0.0038	0.0012	0.0000
NE+3.45	4	DER6	-0.0042	0.0128	0.0000	-0.0039	-0.0019	0.0001
NE+3.45	4	DER7	-0.0049	-0.0126	-0.0002	0.0039	-0.0020	0.0000
NE+3.45	4	DER8	0.0041	-0.0130	-0.0002	0.0040	0.0011	-0.0001
NE+3.45	4	DER9	0.0151	0.0032	-0.0001	-0.0010	0.0050	-0.0001
NE+3.45	4	DER10	0.0149	-0.0044	-0.0002	0.0013	0.0050	-0.0001
NE+3.45	4	DER11	-0.0151	-0.0033	0.0000	0.0010	-0.0054	0.0001
NE+3.45	4	DER12	-0.0149	0.0043	0.0000	-0.0013	-0.0053	0.0001
NE+3.45	4	DER13	0.0048	0.0125	0.0000	-0.0038	0.0014	0.0000
NE+3.45	4	DER14	-0.0042	0.0128	0.0000	-0.0039	-0.0017	0.0001
NE+3.45	4	DER15	-0.0048	-0.0126	-0.0002	0.0038	-0.0018	0.0000
NE+3.45	4	DER16	0.0042	-0.0129	-0.0002	0.0039	0.0013	-0.0001
NE+3.45	5	DER1	0.0154	0.0043	0.0000	-0.0014	0.0055	-0.0001
NE+3.45	5	DER2	0.0153	-0.0032	0.0000	0.0010	0.0055	-0.0001
NE+3.45	5	DER3	-0.0155	-0.0044	-0.0002	0.0013	-0.0050	0.0001
NE+3.45	5	DER4	-0.0154	0.0030	-0.0002	-0.0011	-0.0049	0.0001
NE+3.45	5	DER5	0.0048	0.0125	0.0000	-0.0040	0.0019	0.0000
NE+3.45	5	DER6	-0.0045	0.0121	-0.0001	-0.0039	-0.0012	0.0001
NE+3.45	5	DER7	-0.0049	-0.0126	-0.0002	0.0039	-0.0014	0.0000
NE+3.45	5	DER8	0.0044	-0.0123	-0.0002	0.0038	0.0018	-0.0001
NE+3.45	5	DER9	0.0155	0.0043	0.0000	-0.0014	0.0054	-0.0001
NE+3.45	5	DER10	0.0153	-0.0031	0.0000	0.0010	0.0054	-0.0001
NE+3.45	5	DER11	-0.0155	-0.0044	-0.0002	0.0013	-0.0051	0.0001
NE+3.45	5	DER12	-0.0154	0.0030	-0.0001	-0.0011	-0.0050	0.0001
NE+3.45	5	DER13	0.0048	0.0125	0.0000	-0.0040	0.0018	0.0000
NE+3.45	5	DER14	-0.0044	0.0121	0.0000	-0.0039	-0.0013	0.0001
NE+3.45	5	DER15	-0.0048	-0.0126	-0.0002	0.0039	-0.0015	0.0000
NE+3.45	5	DER16	0.0044	-0.0123	-0.0001	0.0038	0.0017	-0.0001
NE+3.45	6	DER1	0.0154	0.0038	-0.0002	-0.0011	0.0046	-0.0001
NE+3.45	6	DER2	0.0153	-0.0038	-0.0002	0.0013	0.0045	-0.0001
NE+3.45	6	DER3	-0.0155	-0.0039	-0.0001	0.0013	-0.0042	0.0001
NE+3.45	6	DER4	-0.0154	0.0036	-0.0002	-0.0011	-0.0042	0.0001
NE+3.45	6	DER5	0.0048	0.0125	-0.0003	-0.0038	0.0015	0.0000
NE+3.45	6	DER6	-0.0045	0.0124	-0.0003	-0.0038	-0.0011	0.0001
NE+3.45	6	DER7	-0.0049	-0.0126	-0.0001	0.0041	-0.0012	0.0000
NE+3.45	6	DER8	0.0044	-0.0126	-0.0001	0.0041	0.0014	-0.0001
NE+3.45	6	DER9	0.0155	0.0038	-0.0002	-0.0011	0.0044	-0.0001
NE+3.45	6	DER10	0.0153	-0.0037	-0.0001	0.0013	0.0044	-0.0001
NE+3.45	6	DER11	-0.0155	-0.0039	-0.0001	0.0013	-0.0044	0.0001
NE+3.45	6	DER12	-0.0154	0.0036	-0.0001	-0.0011	-0.0043	0.0001
NE+3.45	6	DER13	0.0048	0.0125	-0.0002	-0.0039	0.0014	0.0000
NE+3.45	6	DER14	-0.0044	0.0124	-0.0002	-0.0039	-0.0012	0.0001
NE+3.45	6	DER15	-0.0048	-0.0126	0.0000	0.0041	-0.0013	0.0000
NE+3.45	6	DER16	0.0044	-0.0126	0.0000	0.0041	0.0013	-0.0001
NE+3.45	7	DER1	0.0154	0.0032	-0.0002	-0.0008	0.0049	-0.0001
NE+3.45	7	DER2	0.0153	-0.0044	-0.0002	0.0011	0.0048	-0.0001
NE+3.45	7	DER3	-0.0155	-0.0034	-0.0001	0.0009	-0.0059	0.0001
NE+3.45	7	DER4	-0.0154	0.0043	-0.0001	-0.0010	-0.0058	0.0001
NE+3.45	7	DER5	0.0048	0.0124	-0.0002	-0.0031	0.0012	0.0000
NE+3.45	7	DER6	-0.0045	0.0128	-0.0002	-0.0031	-0.0021	0.0001
NE+3.45	7	DER7	-0.0049	-0.0126	-0.0001	0.0031	-0.0022	0.0000
NE+3.45	7	DER8	0.0044	-0.0130	-0.0001	0.0032	0.0010	-0.0001
NE+3.45	7	DER9	0.0155	0.0032	-0.0002	-0.0008	0.0051	-0.0001
NE+3.45	7	DER10	0.0153	-0.0044	-0.0002	0.0011	0.0051	-0.0001
NE+3.45	7	DER11	-0.0155	-0.0033	0.0000	0.0009	-0.0056	0.0001
NE+3.45	7	DER12	-0.0154	0.0043	-0.0001	-0.0010	-0.0056	0.0001

NE+3.45	10	DER7	-0.0049	-0.0126	-0.0002	0.0033	0.0001	0.0000
NE+3.45	10	DER8	0.0049	-0.0123	-0.0002	0.0032	0.0041	-0.0001
NE+3.45	10	DER9	0.0163	0.0043	-0.0001	-0.0011	0.0079	-0.0001
NE+3.45	10	DER10	0.0164	-0.0031	-0.0001	0.0009	0.0079	-0.0001
NE+3.45	10	DER11	-0.0164	-0.0044	-0.0002	0.0011	-0.0057	0.0001
NE+3.45	10	DER12	-0.0164	0.0030	-0.0002	-0.0008	-0.0057	0.0001
NE+3.45	10	DER13	0.0049	0.0125	-0.0002	-0.0032	0.0031	0.0000
NE+3.45	10	DER14	-0.0050	0.0121	-0.0002	-0.0032	-0.0009	0.0001
NE+3.45	10	DER15	-0.0049	-0.0126	-0.0002	0.0033	-0.0009	0.0000
NE+3.45	10	DER16	0.0049	-0.0123	-0.0002	0.0032	0.0032	-0.0001
NE+3.45	11	DER1	0.0163	0.0032	-0.0003	-0.0008	0.0047	-0.0001
NE+3.45	11	DER2	0.0164	-0.0044	-0.0003	0.0011	0.0047	-0.0001
NE+3.45	11	DER3	-0.0164	-0.0034	-0.0002	0.0009	-0.0089	0.0001
NE+3.45	11	DER4	-0.0164	0.0043	-0.0002	-0.0010	-0.0089	0.0001
NE+3.45	11	DER5	0.0048	0.0124	-0.0002	-0.0032	-0.0001	0.0000
NE+3.45	11	DER6	-0.0050	0.0128	-0.0002	-0.0032	-0.0042	0.0001
NE+3.45	11	DER7	-0.0049	-0.0126	-0.0002	0.0033	-0.0041	0.0000
NE+3.45	11	DER8	0.0049	-0.0130	-0.0002	0.0033	0.0000	-0.0001
NE+3.45	11	DER9	0.0163	0.0032	-0.0002	-0.0008	0.0057	-0.0001
NE+3.45	11	DER10	0.0164	-0.0044	-0.0002	0.0011	0.0057	-0.0001
NE+3.45	11	DER11	-0.0164	-0.0033	-0.0001	0.0009	-0.0079	0.0001
NE+3.45	11	DER12	-0.0164	0.0043	-0.0001	-0.0010	-0.0079	0.0001
NE+3.45	11	DER13	0.0049	0.0125	-0.0002	-0.0032	0.0009	0.0000
NE+3.45	11	DER14	-0.0050	0.0128	-0.0002	-0.0032	-0.0032	0.0001
NE+3.45	11	DER15	-0.0049	-0.0126	-0.0002	0.0033	-0.0032	0.0000
NE+3.45	11	DER16	0.0049	-0.0129	-0.0002	0.0033	0.0009	-0.0001
NE+3.45	12	DER1	0.0168	0.0043	-0.0002	-0.0010	0.0088	-0.0001
NE+3.45	12	DER2	0.0169	-0.0032	-0.0002	0.0009	0.0088	-0.0001
NE+3.45	12	DER3	-0.0168	-0.0044	-0.0003	0.0011	-0.0046	0.0001
NE+3.45	12	DER4	-0.0169	0.0030	-0.0003	-0.0008	-0.0046	0.0001
NE+3.45	12	DER5	0.0049	0.0125	-0.0002	-0.0032	0.0040	0.0000
NE+3.45	12	DER6	-0.0052	0.0121	-0.0002	-0.0031	0.0000	0.0001
NE+3.45	12	DER7	-0.0049	-0.0126	-0.0002	0.0032	0.0001	0.0000
NE+3.45	12	DER8	0.0052	-0.0123	-0.0002	0.0032	0.0041	-0.0001
NE+3.45	12	DER9	0.0168	0.0043	-0.0001	-0.0011	0.0078	-0.0001
NE+3.45	12	DER10	0.0169	-0.0031	-0.0001	0.0009	0.0078	-0.0001
NE+3.45	12	DER11	-0.0168	-0.0044	-0.0002	0.0011	-0.0056	0.0001
NE+3.45	12	DER12	-0.0169	0.0030	-0.0002	-0.0008	-0.0056	0.0001
NE+3.45	12	DER13	0.0049	0.0125	-0.0001	-0.0032	0.0031	0.0000
NE+3.45	12	DER14	-0.0052	0.0121	-0.0002	-0.0031	-0.0010	0.0001
NE+3.45	12	DER15	-0.0049	-0.0126	-0.0002	0.0032	-0.0009	0.0000
NE+3.45	12	DER16	0.0052	-0.0123	-0.0002	0.0032	0.0032	-0.0001
NE+3.45	13	DER1	0.0168	0.0032	-0.0003	-0.0008	0.0046	-0.0001
NE+3.45	13	DER2	0.0169	-0.0044	-0.0003	0.0011	0.0046	-0.0001
NE+3.45	13	DER3	-0.0168	-0.0034	-0.0002	0.0009	-0.0088	0.0001
NE+3.45	13	DER4	-0.0169	0.0043	-0.0002	-0.0010	-0.0088	0.0001
NE+3.45	13	DER5	0.0049	0.0124	-0.0002	-0.0031	-0.0001	0.0000
NE+3.45	13	DER6	-0.0052	0.0128	-0.0002	-0.0032	-0.0042	0.0001
NE+3.45	13	DER7	-0.0049	-0.0126	-0.0002	0.0032	-0.0041	0.0000
NE+3.45	13	DER8	0.0052	-0.0130	-0.0002	0.0033	0.0000	-0.0001
NE+3.45	13	DER9	0.0168	0.0032	-0.0002	-0.0008	0.0056	-0.0001
NE+3.45	13	DER10	0.0169	-0.0044	-0.0002	0.0011	0.0056	-0.0001
NE+3.45	13	DER11	-0.0168	-0.0033	-0.0001	0.0009	-0.0078	0.0001
NE+3.45	13	DER12	-0.0169	0.0043	-0.0001	-0.0010	-0.0078	0.0001
NE+3.45	13	DER13	0.0049	0.0125	-0.0002	-0.0031	0.0008	0.0000
NE+3.45	13	DER14	-0.0052	0.0128	-0.0001	-0.0032	-0.0032	0.0001
NE+3.45	13	DER15	-0.0049	-0.0126	-0.0002	0.0032	-0.0031	0.0000
NE+3.45	13	DER16	0.0052	-0.0129	-0.0002	0.0033	0.0009	-0.0001
NE+3.45	14	DER1	0.0172	0.0043	0.0000	-0.0012	0.0058	-0.0001
NE+3.45	14	DER2	0.0174	-0.0032	0.0000	0.0011	0.0059	-0.0001
NE+3.45	14	DER3	-0.0172	-0.0044	-0.0002	0.0014	-0.0053	0.0001
NE+3.45	14	DER4	-0.0174	0.0030	-0.0002	-0.0009	-0.0053	0.0001
NE+3.45	14	DER5	0.0049	0.0125	-0.0001	-0.0039	0.0019	0.0000
NE+3.45	14	DER6	-0.0055	0.0121	-0.0002	-0.0038	-0.0015	0.0001
NE+3.45	14	DER7	-0.0049	-0.0126	0.0000	0.0041	-0.0013	0.0000
NE+3.45	14	DER8	0.0055	-0.0123	0.0000	0.0040	0.0020	-0.0001
NE+3.45	14	DER9	0.0172	0.0043	0.0000	-0.0012	0.0057	-0.0001
NE+3.45	14	DER10	0.0174	-0.0031	0.0000	0.0011	0.0058	-0.0001
NE+3.45	14	DER11	-0.0172	-0.0044	-0.0001	0.0014	-0.0054	0.0001
NE+3.45	14	DER12	-0.0174	0.0030	-0.0002	-0.0009	-0.0054	0.0001
NE+3.45	14	DER13	0.0049	0.0125	-0.0001	-0.0039	0.0018	0.0000
NE+3.45	14	DER14	-0.0055	0.0121	-0.0002	-0.0038	-0.0016	0.0001
NE+3.45	14	DER15	-0.0049	-0.0126	0.0000	0.0041	-0.0014	0.0000
NE+3.45	14	DER16	0.0055	-0.0123	0.0000	0.0040	0.0019	-0.0001
NE+3.45	15	DER1	0.0172	0.0038	-0.0002	-0.0017	0.0047	-0.0001
NE+3.45	15	DER2	0.0174	-0.0038	-0.0002	0.0017	0.0048	-0.0001
NE+3.45	15	DER3	-0.0172	-0.0039	-0.0001	0.0018	-0.0045	0.0001
NE+3.45	15	DER4	-0.0174	0.0036	-0.0001	-0.0017	-0.0046	0.0001
NE+3.45	15	DER5	0.0049	0.0125	-0.0002	-0.0058	0.0014	0.0000
NE+3.45	15	DER6	-0.0055	0.0124	-0.0001	-0.0057	-0.0014	0.0001
NE+3.45	15	DER7	-0.0049	-0.0126	-0.0001	0.0059	-0.0012	0.0000
NE+3.45	15	DER8	0.0055	-0.0126	-0.0002	0.0058	0.0015	-0.0001
NE+3.45	15	DER9	0.0172	0.0038	-0.0001	-0.0018	0.0047	-0.0001
NE+3.45	15	DER10	0.0174	-0.0037	-0.0001	0.0017	0.0047	-0.0001
NE+3.45	15	DER11	-0.0172	-0.0039	-0.0001	0.0018	-0.0046	0.0001
NE+3.45	15	DER12	-0.0174	0.0036	-0.0001	-0.0017	-0.0046	0.0001
NE+3.45	15	DER13	0.0049	0.0125	-0.0001	-0.0058	0.0014	0.0000
NE+3.45	15	DER14	-0.0055	0.0124	-0.0001	-0.0058	-0.0014	0.0001
NE+3.45	15	DER15	-0.0049	-0.0126	-0.0001	0.0058	-0.0013	0.0000
NE+3.45	15	DER16	0.0055	-0.0126	-0.0001	0.0058	0.0015	-0.0001
NE+3.45	16	DER1	0.0172	0.0032	-0.0002	-0.0009	0.0053	-0.0001
NE+3.45	16	DER2	0.0174	-0.0044	-0.0001	0.0014	0.0053	-0.0001
NE+3.45	16	DER3	-0.0172	-0.0034	0.0000	0.0012	-0.0061	0.0001
NE+3.45	16	DER4	-0.0174	0.0043	-0.0001	-0.0012	-0.0061	0.0001
NE+3.45	16	DER5	0.0049	0.0124	-0.0002	-0.0038	0.0012	0.0000
NE+3.45	16	DER6	-0.0055	0.0128	-0.0002	-0.0039	-0.0022	0.0001
NE+3.45	16	DER7	-0.0049	-0.0126	0.0000	0.0041	-0.0020	0.0000
NE+3.45	16	DER8	0.0055	-0.0130	-0.0001	0.0041	0.0014	-0.0001
NE+3.45	16	DER9	0.0172	0.0032	-0.0002	-0.0010	0.0054	-0.0001
NE+3.45	16	DER10	0.0174	-0.0044	-0.0001	0.0014	0.0055	-0.0001
NE+3.45	16	DER11	-0.0172	-0.0033	0.0000	0.0012	-0.0059	0.0001
NE+3.45	16	DER12	-0.0174	0.0043	-0.0001	-0.0012	-0.0060	0.0001
NE+3.45	16	DER13	0.0049	0.0125	-0.0002	-0.0038	0.0014	0.0000
NE+3.45	16	DER14	-0.0055	0.0128	-0.0001	-0.0039	-0.0021	0.0001
NE+3.45	16	DER15	-0.0049	-0.0126	0.0000	0.0040	-0.0019	0.0000
NE+3.45	16	DER16	0.0055	-0.0129	0.0000	0.0041	0.0015	-0.0001

2.4 VERIFICACIÓN DE DERIVAS UMBRAL DE DAÑO

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	3	DER1	0.007	0.001	0.003	3.35	0.013	OK	0.22
NE+3.45	3	DER1	0.003	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	3	DER2	0.007	-0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	3	DER2	0.003	-0.001	-0.003	3.45	0.014	OK	-0.24
NE+6.80	3	DER3	-0.008	-0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	3	DER3	-0.003	-0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	3	DER4	-0.008	0.001	0.003	3.35	0.013	OK	0.22
NE+3.45	3	DER4	-0.003	0.001	-0.002	3.45	0.014	OK	-0.13
NE+6.80	3	DER5	0.002	0.005	0.002	3.35	0.013	OK	0.16
NE+3.45	3	DER5	0.001	0.003	-0.002	3.45	0.014	OK	-0.15
NE+6.80	3	DER6	-0.002	0.005	0.002	3.35	0.013	OK	0.16
NE+3.45	3	DER6	-0.001	0.003	-0.003	3.45	0.014	OK	-0.22
NE+6.80	3	DER7	-0.002	-0.007	0.003	3.35	0.013	OK	0.21
NE+3.45	3	DER7	-0.001	-0.003	-0.003	3.45	0.014	OK	-0.20
NE+6.80	3	DER8	0.002	-0.007	0.003	3.35	0.013	OK	0.22
NE+3.45	3	DER8	0.001	-0.003	-0.003	3.45	0.014	OK	-0.24
NE+6.80	3	DER9	0.007	0.001	0.003	3.35	0.013	OK	0.22
NE+3.45	3	DER9	0.003	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	3	DER10	0.007	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	3	DER10	0.003	-0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	3	DER11	-0.008	-0.002	0.003	3.35	0.013	OK	0.24
NE+3.45	3	DER11	-0.003	-0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	3	DER12	-0.007	0.001	0.003	3.35	0.013	OK	0.22
NE+3.45	3	DER12	-0.003	0.001	-0.002	3.45	0.014	OK	-0.14
NE+6.80	3	DER13	0.002	0.006	0.002	3.35	0.013	OK	0.17
NE+3.45	3	DER13	0.001	0.003	-0.002	3.45	0.014	OK	-0.16
NE+6.80	3	DER14	-0.002	0.006	0.002	3.35	0.013	OK	0.17
NE+3.45	3	DER14	-0.001	0.003	-0.003	3.45	0.014	OK	-0.21
NE+6.80	3	DER15	-0.002	-0.007	0.003	3.35	0.013	OK	0.21
NE+3.45	3	DER15	-0.001	-0.003	-0.003	3.45	0.014	OK	-0.20
NE+6.80	3	DER16	0.002	-0.007	0.003	3.35	0.013	OK	0.21
NE+3.45	3	DER16	0.001	-0.003	0.002	3.45	0.014	OK	0.14

0.238

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	4	DER1	0.007	0.001	0.003	3.35	0.013	OK	0.22
NE+3.45	4	DER1	0.003	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	4	DER2	0.007	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	4	DER2	0.003	-0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	4	DER3	-0.008	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	4	DER3	-0.003	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	4	DER4	-0.008	0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	4	DER4	-0.003	0.001	-0.002	3.45	0.014	OK	-0.12
NE+6.80	4	DER5	0.002	0.005	0.002	3.35	0.013	OK	0.15
NE+3.45	4	DER5	0.001	0.003	-0.002	3.45	0.014	OK	-0.15
NE+6.80	4	DER6	-0.002	0.005	0.002	3.35	0.013	OK	0.16
NE+3.45	4	DER6	-0.001	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	4	DER7	-0.002	-0.006	0.002	3.35	0.013	OK	0.19
NE+3.45	4	DER7	-0.001	-0.003	-0.002	3.45	0.014	OK	-0.18
NE+6.80	4	DER8	0.002	-0.006	0.003	3.35	0.013	OK	0.19
NE+3.45	4	DER8	0.001	-0.003	-0.003	3.45	0.014	OK	-0.23
NE+6.80	4	DER9	0.007	0.001	0.003	3.35	0.013	OK	0.22
NE+3.45	4	DER9	0.003	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	4	DER10	0.007	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	4	DER10	0.003	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	4	DER11	-0.008	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	4	DER11	-0.003	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	4	DER12	-0.008	0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	4	DER12	-0.003	0.001	-0.002	3.45	0.014	OK	-0.13
NE+6.80	4	DER13	0.002	0.005	0.002	3.35	0.013	OK	0.16
NE+3.45	4	DER13	0.001	0.003	-0.002	3.45	0.014	OK	-0.16
NE+6.80	4	DER14	-0.002	0.006	0.002	3.35	0.013	OK	0.16
NE+3.45	4	DER14	-0.001	0.003	-0.003	3.45	0.014	OK	-0.18
NE+6.80	4	DER15	-0.002	-0.006	0.002	3.35	0.013	OK	0.19
NE+3.45	4	DER15	-0.001	-0.003	-0.002	3.45	0.014	OK	-0.18
NE+6.80	4	DER16	0.002	-0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	4	DER16	0.001	-0.003	0.002	3.45	0.014	OK	0.15

0.233

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	5	DER1	0.008	0.002	0.003	3.35	0.013	OK	0.22
NE+3.45	5	DER1	0.003	0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	5	DER2	0.007	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	5	DER2	0.003	-0.001	-0.003	3.45	0.014	OK	-0.24
NE+6.80	5	DER3	-0.008	-0.002	0.003	3.35	0.013	OK	0.24
NE+3.45	5	DER3	-0.003	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	5	DER4	-0.008	0.001	0.003	3.35	0.013	OK	0.23
NE+3.45	5	DER4	-0.003	0.001	-0.002	3.45	0.014	OK	-0.14
NE+6.80	5	DER5	0.002	0.006	0.002	3.35	0.013	OK	0.17
NE+3.45	5	DER5	0.001	0.003	-0.002	3.45	0.014	OK	-0.16
NE+6.80	5	DER6	-0.002	0.006	0.002	3.35	0.013	OK	0.17
NE+3.45	5	DER6	-0.001	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	5	DER7	-0.003	-0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	5	DER7	-0.001	-0.003	-0.002	3.45	0.014	OK	-0.16
NE+6.80	5	DER8	0.002	-0.006	0.002	3.35	0.013	OK	0.17
NE+3.45	5	DER8	0.001	-0.003	-0.003	3.45	0.014	OK	-0.25
NE+6.80	5	DER9	0.008	0.002	0.003	3.35	0.013	OK	0.22
NE+3.45	5	DER9	0.003	0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	5	DER10	0.007	-0.002	0.003	3.35	0.013	OK	0.22
NE+3.45	5	DER10	0.003	-0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	5	DER11	-0.008	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	5	DER11	-0.003	-0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	5	DER12	-0.008	0.001	0.003	3.35	0.013	OK	0.22
NE+3.45	5	DER12	-0.003	0.001	-0.002	3.45	0.014	OK	-0.14
NE+6.80	5	DER13	0.002	0.006	0.002	3.35	0.013	OK	0.17
NE+3.45	5	DER13	0.001	0.003	-0.002	3.45	0.014	OK	-0.16
NE+6.80	5	DER14	-0.002	0.006	0.002	3.35	0.013	OK	0.17
NE+3.45	5	DER14	-0.001	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	5	DER15	-0.002	-0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	5	DER15	-0.001	-0.003	-0.002	3.45	0.014	OK	-0.16
NE+6.80	5	DER16	0.002	-0.006	0.002	3.35	0.013	OK	0.17
NE+3.45	5	DER16	0.001	-0.003	0.002	3.45	0.014	OK	0.14

0.235

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	6	DER1	0.007	0.001	0.003	3.35	0.013	OK	0.21
NE+3.45	6	DER1	0.003	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	6	DER2	0.007	-0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	6	DER2	0.003	-0.001	-0.003	3.45	0.014	OK	-0.24
NE+6.80	6	DER3	-0.008	-0.003	0.003	3.35	0.013	OK	0.24
NE+3.45	6	DER3	-0.003	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	6	DER4	-0.008	0.001	0.003	3.35	0.013	OK	0.22
NE+3.45	6	DER4	-0.003	0.001	-0.002	3.45	0.014	OK	-0.12
NE+6.80	6	DER5	0.002	0.005	0.002	3.35	0.013	OK	0.16
NE+3.45	6	DER5	0.001	0.003	-0.002	3.45	0.014	OK	-0.16
NE+6.80	6	DER6	-0.002	0.005	0.002	3.35	0.013	OK	0.16
NE+3.45	6	DER6	-0.001	0.003	-0.003	3.45	0.014	OK	-0.22
NE+6.80	6	DER7	-0.003	-0.007	0.003	3.35	0.013	OK	0.22
NE+3.45	6	DER7	-0.001	-0.003	-0.003	3.45	0.014	OK	-0.20
NE+6.80	6	DER8	0.002	-0.007	0.003	3.35	0.013	OK	0.22
NE+3.45	6	DER8	0.001	-0.003	-0.003	3.45	0.014	OK	-0.24
NE+6.80	6	DER9	0.008	0.001	0.003	3.35	0.013	OK	0.22
NE+3.45	6	DER9	0.003	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	6	DER10	0.007	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	6	DER10	0.003	-0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	6	DER11	-0.008	-0.002	0.003	3.35	0.013	OK	0.24
NE+3.45	6	DER11	-0.003	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	6	DER12	-0.008	0.001	0.003	3.35	0.013	OK	0.23
NE+3.45	6	DER12	-0.003	0.001	-0.002	3.45	0.014	OK	-0.13
NE+6.80	6	DER13	0.002	0.006	0.002	3.35	0.013	OK	0.17
NE+3.45	6	DER13	0.001	0.003	-0.002	3.45	0.014	OK	-0.16
NE+6.80	6	DER14	-0.002	0.006	0.002	3.35	0.013	OK	0.16
NE+3.45	6	DER14	-0.001	0.003	-0.003	3.45	0.014	OK	-0.21
NE+6.80	6	DER15	-0.002	-0.007	0.003	3.35	0.013	OK	0.22
NE+3.45	6	DER15	-0.001	-0.003	-0.003	3.45	0.014	OK	-0.21
NE+6.80	6	DER16	0.002	-0.007	0.003	3.35	0.013	OK	0.21
NE+3.45	6	DER16	0.001	-0.003	0.002	3.45	0.014	OK	0.14

0.244

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	7	DER1	0.007	0.001	0.003	3.35	0.013	OK	0.22
NE+3.45	7	DER1	0.003	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	7	DER2	0.007	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	7	DER2	0.003	-0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	7	DER3	-0.008	-0.002	0.003	3.35	0.013	OK	0.24
NE+3.45	7	DER3	-0.003	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	7	DER4	-0.008	0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	7	DER4	-0.003	0.001	-0.002	3.45	0.014	OK	-0.12
NE+6.80	7	DER5	0.002	0.005	0.002	3.35	0.013	OK	0.15
NE+3.45	7	DER5	0.001	0.003	-0.002	3.45	0.014	OK	-0.16
NE+6.80	7	DER6	-0.002	0.005	0.002	3.35	0.013	OK	0.16
NE+3.45	7	DER6	-0.001	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	7	DER7	-0.003	-0.006	0.003	3.35	0.013	OK	0.19
NE+3.45	7	DER7	-0.001	-0.003	-0.002	3.45	0.014	OK	-0.18
NE+6.80	7	DER8	0.002	-0.006	0.003	3.35	0.013	OK	0.19
NE+3.45	7	DER8	0.001	-0.003	-0.003	3.45	0.014	OK	-0.24
NE+6.80	7	DER9	0.008	0.001	0.003	3.35	0.013	OK	0.22
NE+3.45	7	DER9	0.003	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	7	DER10	0.007	-0.002	0.003	3.35	0.013	OK	0.22
NE+3.45	7	DER10	0.003	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	7	DER11	-0.008	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	7	DER11	-0.003	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	7	DER12	-0.008	0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	7	DER12	-0.003	0.001	-0.002	3.45	0.014	OK	-0.12
NE+6.80	7	DER13	0.002	0.005	0.002	3.35	0.013	OK	0.16
NE+3.45	7	DER13	0.001	0.003	-0.002	3.45	0.014	OK	-0.16
NE+6.80	7	DER14	-0.002	0.006	0.002	3.35	0.013	OK	0.16
NE+3.45	7	DER14	-0.001	0.003	-0.003	3.45	0.014	OK	-0.18
NE+6.80	7	DER15	-0.002	-0.006	0.003	3.35	0.013	OK	0.19
NE+3.45	7	DER15	-0.001	-0.003	-0.003	3.45	0.014	OK	-0.18
NE+6.80	7	DER16	0.002	-0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	7	DER16	0.001	-0.003	0.002	3.45	0.014	OK	0.15

0.238

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	8	DER1	0.009	0.002	0.004	3.35	0.013	OK	0.28
NE+3.45	8	DER1	0.003	0.001	-0.004	3.45	0.014	OK	-0.27
NE+6.80	8	DER2	0.009	-0.002	0.004	3.35	0.013	OK	0.28
NE+3.45	8	DER2	0.003	-0.001	-0.004	3.45	0.014	OK	-0.27
NE+6.80	8	DER3	-0.009	-0.002	0.004	3.35	0.013	OK	0.28
NE+3.45	8	DER3	-0.003	-0.001	-0.004	3.45	0.014	OK	-0.26
NE+6.80	8	DER4	-0.009	0.001	0.004	3.35	0.013	OK	0.27
NE+3.45	8	DER4	-0.003	0.001	-0.002	3.45	0.014	OK	-0.14
NE+6.80	8	DER5	0.003	0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	8	DER5	0.001	0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	8	DER6	-0.003	0.006	0.002	3.35	0.013	OK	0.17
NE+3.45	8	DER6	-0.001	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	8	DER7	-0.003	-0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	8	DER7	-0.001	-0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	8	DER8	0.003	-0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	8	DER8	0.001	-0.003	-0.004	3.45	0.014	OK	-0.30
NE+6.80	8	DER9	0.009	0.002	0.004	3.35	0.013	OK	0.28
NE+3.45	8	DER9	0.003	0.001	-0.004	3.45	0.014	OK	-0.27
NE+6.80	8	DER10	0.009	-0.002	0.004	3.35	0.013	OK	0.28
NE+3.45	8	DER10	0.003	-0.001	-0.004	3.45	0.014	OK	-0.27
NE+6.80	8	DER11	-0.009	-0.002	0.004	3.35	0.013	OK	0.28
NE+3.45	8	DER11	-0.003	-0.001	-0.004	3.45	0.014	OK	-0.26
NE+6.80	8	DER12	-0.009	0.001	0.004	3.35	0.013	OK	0.27
NE+3.45	8	DER12	-0.003	0.001	-0.002	3.45	0.014	OK	-0.14
NE+6.80	8	DER13	0.003	0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	8	DER13	0.001	0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	8	DER14	-0.003	0.006	0.002	3.35	0.013	OK	0.17
NE+3.45	8	DER14	-0.001	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	8	DER15	-0.003	-0.006	0.002	3.35	0.013	OK	0.19
NE+3.45	8	DER15	-0.001	-0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	8	DER16	0.003	-0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	8	DER16	0.001	-0.003	0.002	3.45	0.014	OK	0.15

0.282

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	9	DER1	0.009	0.001	0.004	3.35	0.013	OK	0.27
NE+3.45	9	DER1	0.003	0.001	-0.004	3.45	0.014	OK	-0.27
NE+6.80	9	DER2	0.009	-0.002	0.004	3.35	0.013	OK	0.27
NE+3.45	9	DER2	0.003	-0.001	-0.004	3.45	0.014	OK	-0.28
NE+6.80	9	DER3	-0.009	-0.002	0.004	3.35	0.013	OK	0.29
NE+3.45	9	DER3	-0.003	-0.001	-0.004	3.45	0.014	OK	-0.28
NE+6.80	9	DER4	-0.009	0.002	0.004	3.35	0.013	OK	0.28
NE+3.45	9	DER4	-0.003	0.001	-0.002	3.45	0.014	OK	-0.12
NE+6.80	9	DER5	0.003	0.005	0.002	3.35	0.013	OK	0.16
NE+3.45	9	DER5	0.001	0.003	-0.002	3.45	0.014	OK	-0.16
NE+6.80	9	DER6	-0.003	0.005	0.002	3.35	0.013	OK	0.17
NE+3.45	9	DER6	-0.001	0.003	-0.003	3.45	0.014	OK	-0.20
NE+6.80	9	DER7	-0.003	-0.006	0.003	3.35	0.013	OK	0.19
NE+3.45	9	DER7	-0.001	-0.003	-0.003	3.45	0.014	OK	-0.18
NE+6.80	9	DER8	0.002	-0.006	0.003	3.35	0.013	OK	0.19
NE+3.45	9	DER8	0.001	-0.003	-0.004	3.45	0.014	OK	-0.29
NE+6.80	9	DER9	0.009	0.001	0.004	3.35	0.013	OK	0.27
NE+3.45	9	DER9	0.003	0.001	-0.004	3.45	0.014	OK	-0.28
NE+6.80	9	DER10	0.009	-0.002	0.004	3.35	0.013	OK	0.28
NE+3.45	9	DER10	0.003	-0.001	-0.004	3.45	0.014	OK	-0.27
NE+6.80	9	DER11	-0.009	-0.002	0.004	3.35	0.013	OK	0.28
NE+3.45	9	DER11	-0.003	-0.001	-0.004	3.45	0.014	OK	-0.27
NE+6.80	9	DER12	-0.009	0.002	0.004	3.35	0.013	OK	0.28
NE+3.45	9	DER12	-0.003	0.001	-0.002	3.45	0.014	OK	-0.12
NE+6.80	9	DER13	0.003	0.005	0.002	3.35	0.013	OK	0.17
NE+3.45	9	DER13	0.001	0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	9	DER14	-0.003	0.006	0.002	3.35	0.013	OK	0.17
NE+3.45	9	DER14	-0.001	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	9	DER15	-0.003	-0.006	0.003	3.35	0.013	OK	0.19
NE+3.45	9	DER15	-0.001	-0.003	-0.003	3.45	0.014	OK	-0.19

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	10	DER1	0.009	0.002	0.004	3.35	0.013	OK	0.30
NE+3.45	10	DER1	0.004	0.001	-0.004	3.45	0.014	OK	-0.29
NE+6.80	10	DER2	0.009	-0.002	0.004	3.35	0.013	OK	0.30
NE+3.45	10	DER2	0.004	-0.001	-0.004	3.45	0.014	OK	-0.29
NE+6.80	10	DER3	-0.009	-0.002	0.004	3.35	0.013	OK	0.30
NE+3.45	10	DER3	-0.004	-0.001	-0.004	3.45	0.014	OK	-0.28
NE+6.80	10	DER4	-0.009	0.001	0.004	3.35	0.013	OK	0.30
NE+3.45	10	DER4	-0.004	0.001	-0.002	3.45	0.014	OK	-0.14
NE+6.80	10	DER5	0.003	0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	10	DER5	0.001	0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	10	DER6	-0.003	0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	10	DER6	-0.001	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	10	DER7	-0.003	-0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	10	DER7	-0.001	-0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	10	DER8	0.003	-0.006	0.002	3.35	0.013	OK	0.19
NE+3.45	10	DER8	0.001	-0.003	-0.005	3.45	0.014	OK	-0.33
NE+6.80	10	DER9	0.009	0.002	0.004	3.35	0.013	OK	0.30
NE+3.45	10	DER9	0.004	0.001	-0.004	3.45	0.014	OK	-0.29
NE+6.80	10	DER10	0.009	-0.002	0.004	3.35	0.013	OK	0.30
NE+3.45	10	DER10	0.004	-0.001	-0.004	3.45	0.014	OK	-0.29
NE+6.80	10	DER11	-0.009	-0.002	0.004	3.35	0.013	OK	0.30
NE+3.45	10	DER11	-0.004	-0.001	-0.004	3.45	0.014	OK	-0.28
NE+6.80	10	DER12	-0.009	0.001	0.004	3.35	0.013	OK	0.30
NE+3.45	10	DER12	-0.004	0.001	-0.002	3.45	0.014	OK	-0.14
NE+6.80	10	DER13	0.003	0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	10	DER13	0.001	0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	10	DER14	-0.003	0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	10	DER14	-0.001	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	10	DER15	-0.003	-0.006	0.003	3.35	0.013	OK	0.19
NE+3.45	10	DER15	-0.001	-0.003	-0.002	3.45	0.014	OK	-0.18

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	11	DER1	0.009	0.001	0.004	3.35	0.013	OK	0.29
NE+3.45	11	DER1	0.004	0.001	-0.004	3.45	0.014	OK	-0.29
NE+6.80	11	DER2	0.009	-0.002	0.004	3.35	0.013	OK	0.30
NE+3.45	11	DER2	0.004	-0.001	-0.004	3.45	0.014	OK	-0.30
NE+6.80	11	DER3	-0.009	-0.002	0.004	3.35	0.013	OK	0.31
NE+3.45	11	DER3	-0.004	-0.001	-0.004	3.45	0.014	OK	-0.30
NE+6.80	11	DER4	-0.009	0.002	0.004	3.35	0.013	OK	0.30
NE+3.45	11	DER4	-0.004	0.001	-0.002	3.45	0.014	OK	-0.12
NE+6.80	11	DER5	0.003	0.005	0.002	3.35	0.013	OK	0.16
NE+3.45	11	DER5	0.001	0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	11	DER6	-0.003	0.005	0.002	3.35	0.013	OK	0.17
NE+3.45	11	DER6	-0.001	0.003	-0.003	3.45	0.014	OK	-0.20
NE+6.80	11	DER7	-0.003	-0.006	0.003	3.35	0.013	OK	0.20
NE+3.45	11	DER7	-0.001	-0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	11	DER8	0.003	-0.006	0.003	3.35	0.013	OK	0.20
NE+3.45	11	DER8	0.001	-0.003	-0.004	3.45	0.014	OK	-0.32
NE+6.80	11	DER9	0.009	0.001	0.004	3.35	0.013	OK	0.29
NE+3.45	11	DER9	0.004	0.001	-0.004	3.45	0.014	OK	-0.29
NE+6.80	11	DER10	0.009	-0.002	0.004	3.35	0.013	OK	0.30
NE+3.45	11	DER10	0.004	-0.001	-0.004	3.45	0.014	OK	-0.29
NE+6.80	11	DER11	-0.009	-0.002	0.004	3.35	0.013	OK	0.30
NE+3.45	11	DER11	-0.004	-0.001	-0.004	3.45	0.014	OK	-0.29
NE+6.80	11	DER12	-0.009	0.002	0.004	3.35	0.013	OK	0.30
NE+3.45	11	DER12	-0.004	0.001	-0.002	3.45	0.014	OK	-0.12
NE+6.80	11	DER13	0.003	0.005	0.002	3.35	0.013	OK	0.17
NE+3.45	11	DER13	0.001	0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	11	DER14	-0.003	0.006	0.002	3.35	0.013	OK	0.17
NE+3.45	11	DER14	-0.001	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	11	DER15	-0.003	-0.006	0.003	3.35	0.013	OK	0.20
NE+3.45	11	DER15	-0.001	-0.003	-0.003	3.45	0.014	OK	-0.19

NE+6.80	9	DER16	0.003	-0.006	0.003	3.35	0.013	OK	0.19
NE+3.45	9	DER16	0.001	-0.003	0.002	3.45	0.014	OK	0.15

0.288

NE+6.80	10	DER16	0.003	-0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	10	DER16	0.001	-0.003	0.002	3.45	0.014	OK	0.15

0.302

NE+6.80	11	DER16	0.003	-0.006	0.003	3.35	0.013	OK	0.19
NE+3.45	11	DER16	0.001	-0.003	0.002	3.45	0.014	OK	0.15

0.309

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	12	DER1	0.009	0.002	0.004	3.35	0.013	OK	0.28
NE+3.45	12	DER1	0.004	0.001	-0.004	3.45	0.014	OK	-0.28
NE+6.80	12	DER2	0.009	-0.002	0.004	3.35	0.013	OK	0.29
NE+3.45	12	DER2	0.004	-0.001	-0.004	3.45	0.014	OK	-0.27
NE+6.80	12	DER3	-0.009	-0.002	0.004	3.35	0.013	OK	0.28
NE+3.45	12	DER3	-0.004	-0.001	-0.004	3.45	0.014	OK	-0.27
NE+6.80	12	DER4	-0.009	0.001	0.004	3.35	0.013	OK	0.28
NE+3.45	12	DER4	-0.004	0.001	-0.002	3.45	0.014	OK	-0.13
NE+6.80	12	DER5	0.003	0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	12	DER5	0.001	0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	12	DER6	-0.003	0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	12	DER6	-0.001	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	12	DER7	-0.003	-0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	12	DER7	-0.001	-0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	12	DER8	0.003	-0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	12	DER8	0.001	-0.003	-0.004	3.45	0.014	OK	-0.31
NE+6.80	12	DER9	0.009	0.002	0.004	3.35	0.013	OK	0.28
NE+3.45	12	DER9	0.004	0.001	-0.004	3.45	0.014	OK	-0.28
NE+6.80	12	DER10	0.009	-0.002	0.004	3.35	0.013	OK	0.29
NE+3.45	12	DER10	0.004	-0.001	-0.004	3.45	0.014	OK	-0.28
NE+6.80	12	DER11	-0.009	-0.002	0.004	3.35	0.013	OK	0.28
NE+3.45	12	DER11	-0.004	-0.001	-0.004	3.45	0.014	OK	-0.27
NE+6.80	12	DER12	-0.009	0.001	0.004	3.35	0.013	OK	0.28
NE+3.45	12	DER12	-0.004	0.001	-0.002	3.45	0.014	OK	-0.13
NE+6.80	12	DER13	0.003	0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	12	DER13	0.001	0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	12	DER14	-0.003	0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	12	DER14	-0.001	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	12	DER15	-0.003	-0.006	0.002	3.35	0.013	OK	0.19
NE+3.45	12	DER15	-0.001	-0.003	-0.002	3.45	0.014	OK	-0.18
NE+6.80	12	DER16	0.003	-0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	12	DER16	0.001	-0.003	0.002	3.45	0.014	OK	0.15

0.287

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	13	DER1	0.009	0.001	0.004	3.35	0.013	OK	0.27
NE+3.45	13	DER1	0.004	0.001	-0.004	3.45	0.014	OK	-0.28
NE+6.80	13	DER2	0.009	-0.002	0.004	3.35	0.013	OK	0.28
NE+3.45	13	DER2	0.004	-0.001	-0.004	3.45	0.014	OK	-0.28
NE+6.80	13	DER3	-0.009	-0.002	0.004	3.35	0.013	OK	0.29
NE+3.45	13	DER3	-0.004	-0.001	-0.004	3.45	0.014	OK	-0.28
NE+6.80	13	DER4	-0.009	0.002	0.004	3.35	0.013	OK	0.28
NE+3.45	13	DER4	-0.004	0.001	-0.002	3.45	0.014	OK	-0.11
NE+6.80	13	DER5	0.003	0.005	0.002	3.35	0.013	OK	0.16
NE+3.45	13	DER5	0.001	0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	13	DER6	-0.003	0.005	0.002	3.35	0.013	OK	0.17
NE+3.45	13	DER6	-0.001	0.003	-0.003	3.45	0.014	OK	-0.20
NE+6.80	13	DER7	-0.003	-0.006	0.003	3.35	0.013	OK	0.19
NE+3.45	13	DER7	-0.001	-0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	13	DER8	0.003	-0.006	0.003	3.35	0.013	OK	0.19
NE+3.45	13	DER8	0.001	-0.003	-0.004	3.45	0.014	OK	-0.30
NE+6.80	13	DER9	0.009	0.001	0.004	3.35	0.013	OK	0.27
NE+3.45	13	DER9	0.004	0.001	-0.004	3.45	0.014	OK	-0.28
NE+6.80	13	DER10	0.009	-0.002	0.004	3.35	0.013	OK	0.28
NE+3.45	13	DER10	0.004	-0.001	-0.004	3.45	0.014	OK	-0.28
NE+6.80	13	DER11	-0.009	-0.002	0.004	3.35	0.013	OK	0.29
NE+3.45	13	DER11	-0.004	-0.001	-0.004	3.45	0.014	OK	-0.28
NE+6.80	13	DER12	-0.009	0.002	0.004	3.35	0.013	OK	0.28
NE+3.45	13	DER12	-0.004	0.001	-0.002	3.45	0.014	OK	-0.11
NE+6.80	13	DER13	0.003	0.005	0.002	3.35	0.013	OK	0.17
NE+3.45	13	DER13	0.001	0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	13	DER14	-0.003	0.006	0.002	3.35	0.013	OK	0.17
NE+3.45	13	DER14	-0.001	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	13	DER15	-0.003	-0.006	0.003	3.35	0.013	OK	0.19
NE+3.45	13	DER15	-0.001	-0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	13	DER16	0.003	-0.006	0.003	3.35	0.013	OK	0.19
NE+3.45	13	DER16	0.001	-0.003	0.002	3.45	0.014	OK	0.15

0.289

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	14	DER1	0.008	0.002	0.003	3.35	0.013	OK	0.22
NE+3.45	14	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	14	DER2	0.008	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	14	DER2	0.004	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	14	DER3	-0.008	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	14	DER3	-0.004	-0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	14	DER4	-0.008	0.001	0.003	3.35	0.013	OK	0.22
NE+3.45	14	DER4	-0.004	0.001	-0.002	3.45	0.014	OK	-0.12
NE+6.80	14	DER5	0.002	0.006	0.002	3.35	0.013	OK	0.17
NE+3.45	14	DER5	0.001	0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	14	DER6	-0.003	0.006	0.002	3.35	0.013	OK	0.17
NE+3.45	14	DER6	-0.001	0.003	-0.003	3.45	0.014	OK	-0.18
NE+6.80	14	DER7	-0.002	-0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	14	DER7	-0.001	-0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	14	DER8	0.003	-0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	14	DER8	0.001	-0.003	-0.004	3.45	0.014	OK	-0.26
NE+6.80	14	DER9	0.008	0.002	0.003	3.35	0.013	OK	0.22
NE+3.45	14	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	14	DER10	0.008	-0.002	0.003	3.35	0.013	OK	0.22
NE+3.45	14	DER10	0.004	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	14	DER11	-0.008	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	14	DER11	-0.004	-0.001	-0.003	3.45	0.014	OK	-0.21
NE+6.80	14	DER12	-0.008	0.001	0.003	3.35	0.013	OK	0.22
NE+3.45	14	DER12	-0.004	0.001	-0.002	3.45	0.014	OK	-0.12
NE+6.80	14	DER13	0.002	0.006	0.002	3.35	0.013	OK	0.17
NE+3.45	14	DER13	0.001	0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	14	DER14	-0.003	0.006	0.002	3.35	0.013	OK	0.17
NE+3.45	14	DER14	-0.001	0.003	-0.002	3.45	0.014	OK	-0.18
NE+6.80	14	DER15	-0.002	-0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	14	DER15	-0.001	-0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	14	DER16	0.003	-0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	14	DER16	0.001	-0.003	0.002	3.45	0.014	OK	0.15

0.227

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	15	DER1	0.008	0.002	0.003	3.35	0.013	OK	0.22
NE+3.45	15	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	15	DER2	0.008	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	15	DER2	0.004	-0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	15	DER3	-0.008	-0.003	0.003	3.35	0.013	OK	0.23
NE+3.45	15	DER3	-0.004	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	15	DER4	-0.008	0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	15	DER4	-0.004	0.001	-0.003	3.45	0.014	OK	-0.18
NE+6.80	15	DER5	0.002	0.007	0.003	3.35	0.013	OK	0.24
NE+3.45	15	DER5	0.001	0.003	-0.003	3.45	0.014	OK	-0.24
NE+6.80	15	DER6	-0.003	0.007	0.003	3.35	0.013	OK	0.24
NE+3.45	15	DER6	-0.001	0.003	-0.003	3.45	0.014	OK	-0.25
NE+6.80	15	DER7	-0.002	-0.008	0.003	3.35	0.013	OK	0.25
NE+3.45	15	DER7	-0.001	-0.003	-0.003	3.45	0.014	OK	-0.25
NE+6.80	15	DER8	0.003	-0.007	0.003	3.35	0.013	OK	0.25
NE+3.45	15	DER8	0.001	-0.003	-0.004	3.45	0.014	OK	-0.26
NE+6.80	15	DER9	0.008	0.002	0.003	3.35	0.013	OK	0.22
NE+3.45	15	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	15	DER10	0.008	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	15	DER10	0.004	-0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	15	DER11	-0.008	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	15	DER11	-0.004	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	15	DER12	-0.008	0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	15	DER12	-0.004	0.001	-0.003	3.45	0.014	OK	-0.18
NE+6.80	15	DER13	0.002	0.007	0.003	3.35	0.013	OK	0.24
NE+3.45	15	DER13	0.001	0.003	-0.003	3.45	0.014	OK	-0.24
NE+6.80	15	DER14	-0.003	0.007	0.003	3.35	0.013	OK	0.24
NE+3.45	15	DER14	-0.001	0.003	-0.003	3.45	0.014	OK	-0.25
NE+6.80	15	DER15	-0.002	-0.007	0.003	3.35	0.013	OK	0.25
NE+3.45	15	DER15	-0.001	-0.003	-0.003	3.45	0.014	OK	-0.25
NE+6.80	15	DER16	0.003	-0.007	0.003	3.35	0.013	OK	0.25
NE+3.45	15	DER16	0.001	-0.003	0.002	3.45	0.014	OK	0.15

0.254

Piso	Nudo	Combo	dx (m)	dy (m)	Deriva	H (m)	Der. Adm	Cheq.	%
NE+6.80	16	DER1	0.008	0.001	0.003	3.35	0.013	OK	0.22
NE+3.45	16	DER1	0.004	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	16	DER2	0.008	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	16	DER2	0.004	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	16	DER3	-0.008	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	16	DER3	-0.004	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	16	DER4	-0.008	0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	16	DER4	-0.004	0.001	-0.001	3.45	0.014	OK	-0.10
NE+6.80	16	DER5	0.002	0.005	0.002	3.35	0.013	OK	0.15
NE+3.45	16	DER5	0.001	0.003	-0.002	3.45	0.014	OK	-0.16
NE+6.80	16	DER6	-0.003	0.005	0.002	3.35	0.013	OK	0.16
NE+3.45	16	DER6	-0.001	0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	16	DER7	-0.002	-0.006	0.002	3.35	0.013	OK	0.19
NE+3.45	16	DER7	-0.001	-0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	16	DER8	0.002	-0.006	0.003	3.35	0.013	OK	0.19
NE+3.45	16	DER8	0.001	-0.003	-0.003	3.45	0.014	OK	-0.25
NE+6.80	16	DER9	0.008	0.001	0.003	3.35	0.013	OK	0.22
NE+3.45	16	DER9	0.004	0.001	-0.003	3.45	0.014	OK	-0.23
NE+6.80	16	DER10	0.008	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	16	DER10	0.004	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	16	DER11	-0.008	-0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	16	DER11	-0.004	-0.001	-0.003	3.45	0.014	OK	-0.22
NE+6.80	16	DER12	-0.008	0.002	0.003	3.35	0.013	OK	0.23
NE+3.45	16	DER12	-0.004	0.001	-0.001	3.45	0.014	OK	-0.10
NE+6.80	16	DER13	0.002	0.005	0.002	3.35	0.013	OK	0.16
NE+3.45	16	DER13	0.001	0.003	-0.002	3.45	0.014	OK	-0.17
NE+6.80	16	DER14	-0.003	0.006	0.002	3.35	0.013	OK	0.16
NE+3.45	16	DER14	-0.001	0.003	-0.002	3.45	0.014	OK	-0.18
NE+6.80	16	DER15	-0.002	-0.006	0.002	3.35	0.013	OK	0.19
NE+3.45	16	DER15	-0.001	-0.003	-0.003	3.45	0.014	OK	-0.19
NE+6.80	16	DER16	0.002	-0.006	0.002	3.35	0.013	OK	0.18
NE+3.45	16	DER16	0.001	-0.003	0.002	3.45	0.014	OK	0.15

0.230

2.4.1 DESPLAZAMIENTOS NUDOS UMBRAL DE DAÑO

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+6.80	3	DER1	0.0074	0.0011	-0.0001	0.0001	0.0011	0.0000
NE+6.80	3	DER2	0.0073	-0.0025	-0.0002	0.0006	0.0011	0.0001
NE+6.80	3	DER3	-0.0075	-0.0025	-0.0002	0.0006	-0.0011	0.0000
NE+6.80	3	DER4	-0.0075	0.0011	-0.0002	0.0001	-0.0011	0.0000
NE+6.80	3	DER5	0.0022	0.0054	-0.0001	-0.0005	0.0003	0.0000
NE+6.80	3	DER6	-0.0022	0.0054	-0.0001	-0.0005	-0.0003	0.0000
NE+6.80	3	DER7	-0.0024	-0.0067	-0.0002	0.0012	-0.0003	0.0001
NE+6.80	3	DER8	0.0021	-0.0067	-0.0002	0.0012	0.0003	0.0001
NE+6.80	3	DER9	0.0074	0.0012	-0.0001	0.0001	0.0012	0.0000
NE+6.80	3	DER10	0.0074	-0.0024	-0.0001	0.0006	0.0012	0.0001
NE+6.80	3	DER11	-0.0075	-0.0024	-0.0002	0.0006	-0.0011	0.0000
NE+6.80	3	DER12	-0.0074	0.0013	-0.0001	0.0001	-0.0011	0.0000
NE+6.80	3	DER13	0.0023	0.0055	-0.0001	-0.0005	0.0004	0.0000
NE+6.80	3	DER14	-0.0022	0.0055	-0.0001	-0.0005	-0.0003	0.0000
NE+6.80	3	DER15	-0.0023	-0.0066	-0.0002	0.0012	-0.0003	0.0000
NE+6.80	3	DER16	0.0021	-0.0066	-0.0002	0.0012	0.0004	0.0001
NE+6.80	4	DER1	0.0074	0.0012	-0.0002	0.0000	0.0011	0.0001
NE+6.80	4	DER2	0.0073	-0.0023	-0.0002	0.0005	0.0011	0.0001
NE+6.80	4	DER3	-0.0076	-0.0020	-0.0001	0.0005	-0.0011	0.0000
NE+6.80	4	DER4	-0.0075	0.0015	-0.0001	0.0000	-0.0011	0.0000
NE+6.80	4	DER5	0.0022	0.0053	-0.0001	-0.0005	0.0003	0.0000
NE+6.80	4	DER6	-0.0022	0.0054	-0.0001	-0.0005	-0.0004	0.0000
NE+6.80	4	DER7	-0.0024	-0.0061	-0.0002	0.0010	-0.0004	0.0000
NE+6.80	4	DER8	0.0021	-0.0062	-0.0002	0.0010	0.0003	0.0001
NE+6.80	4	DER9	0.0074	0.0013	-0.0001	0.0000	0.0010	0.0001
NE+6.80	4	DER10	0.0074	-0.0022	-0.0002	0.0005	0.0011	0.0001

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+6.80	12	DER7	-0.0026	-0.0059	-0.0003	0.0007	-0.0006	0.0000
NE+6.80	12	DER8	0.0028	-0.0058	-0.0003	0.0007	0.0003	0.0001
NE+6.80	12	DER9	0.0089	0.0018	-0.0002	-0.0002	0.0015	0.0001
NE+6.80	12	DER10	0.0090	-0.0016	-0.0002	0.0002	0.0015	0.0001
NE+6.80	12	DER11	-0.0089	-0.0020	-0.0002	0.0002	-0.0014	-0.0001
NE+6.80	12	DER12	-0.0089	0.0014	-0.0002	-0.0002	-0.0014	-0.0001
NE+6.80	12	DER13	0.0027	0.0056	-0.0002	-0.0007	0.0005	0.0000
NE+6.80	12	DER14	-0.0027	0.0055	-0.0002	-0.0007	-0.0004	-0.0001
NE+6.80	12	DER15	-0.0026	-0.0059	-0.0002	0.0007	-0.0004	0.0000
NE+6.80	12	DER16	0.0028	-0.0058	-0.0002	0.0007	0.0005	0.0001
NE+6.80	13	DER1	0.0088	0.0012	-0.0003	-0.0001	0.0016	0.0001
NE+6.80	13	DER2	0.0088	-0.0023	-0.0003	0.0003	0.0016	0.0001
NE+6.80	13	DER3	-0.0090	-0.0020	-0.0003	0.0003	-0.0013	-0.0001
NE+6.80	13	DER4	-0.0090	0.0015	-0.0003	-0.0001	-0.0013	-0.0001
NE+6.80	13	DER5	0.0025	0.0053	-0.0003	-0.0006	0.0006	0.0001
NE+6.80	13	DER6	-0.0028	0.0054	-0.0003	-0.0006	-0.0003	0.0000
NE+6.80	13	DER7	-0.0027	-0.0061	-0.0003	0.0008	-0.0003	-0.0001
NE+6.80	13	DER8	0.0026	-0.0062	-0.0003	0.0008	0.0006	0.0000
NE+6.80	13	DER9	0.0088	0.0013	-0.0002	-0.0001	0.0014	0.0001
NE+6.80	13	DER10	0.0089	-0.0022	-0.0002	0.0003	0.0014	0.0001
NE+6.80	13	DER11	-0.0090	-0.0019	-0.0002	0.0003	-0.0015	-0.0001
NE+6.80	13	DER12	-0.0090	0.0016	-0.0002	-0.0001	-0.0015	-0.0001
NE+6.80	13	DER13	0.0025	0.0054	-0.0002	-0.0006	0.0004	0.0001
NE+6.80	13	DER14	-0.0028	0.0055	-0.0002	-0.0006	-0.0005	0.0000
NE+6.80	13	DER15	-0.0027	-0.0060	-0.0002	0.0008	-0.0005	-0.0001
NE+6.80	13	DER16	0.0027	-0.0061	-0.0002	0.0008	0.0004	0.0000

Story	Label	Output Case	Ux	Uy	Uz	Rx	Ry	Rz
			m	m	m	rad	rad	rad
NE+3.45	7	DER13	0.0010	0.0026	-0.0001	-0.0006	0.0001	0.0000
NE+3.45	7	DER14	-0.0010	0.0027	-0.0001	-0.0007	-0.0006	0.0000
NE+3.45	7	DER15	-0.0010	-0.0027	-0.0001	0.0007	-0.0006	0.0000
NE+3.45	7	DER16	0.0009	-0.0028	-0.0001	0.0007	0.0001	0.0000
NE+3.45	8	DER1	0.0034	0.0009	-0.0002	-0.0002	0.0035	0.0000
NE+3.45	8	DER2	0.0034	-0.0007	-0.0002	0.0002	0.0035	0.0000
NE+3.45	8	DER3	-0.0034	-0.0010	-0.0002	0.0002	0.0007	0.0000
NE+3.45	8	DER4	-0.0034	0.0006	-0.0002	-0.0002	0.0007	0.0000
NE+3.45	8	DER5	0.0010	0.0026	-0.0002	-0.0007	0.0025	0.0000
NE+3.45	8	DER6	-0.0010	0.0025	-0.0002	-0.0007	0.0017	0.0000
NE+3.45	8	DER7	-0.0011	-0.0028	-0.0002	0.0007	0.0017	0.0000
NE+3.45	8	DER8	0.0010	-0.0027	-0.0002	0.0007	0.0025	0.0000
NE+3.45	8	DER9	0.0034	0.0009	-0.0002	-0.0002	0.0025	0.0000
NE+3.45	8	DER10	0.0034	-0.0007	-0.0002	0.0002	0.0025	0.0000
NE+3.45	8	DER11	-0.0034	-0.0010	-0.0002	0.0002	-0.0003	0.0000
NE+3.45	8	DER12	-0.0034	0.0006	-0.0002	-0.0002	-0.0003	0.0000
NE+3.45	8	DER13	0.0010	0.0026	-0.0002	-0.0007	0.0015	0.0000
NE+3.45	8	DER14	-0.0010	0.0025	-0.0002	-0.0007	0.0007	0.0000
NE+3.45	8	DER15	-0.0010	-0.0027	-0.0002	0.0007	0.0007	0.0000
NE+3.45	8	DER16	0.0010	-0.0027	-0.0002	0.0007	0.0015	0.0000
NE+3.45	9	DER1	0.0034	0.0006	-0.0002	-0.0002	-0.0007	0.0000
NE+3.45	9	DER2	0.0034	-0.0010	-0.0002	0.0003	-0.0007	0.0000
NE+3.45	9	DER3	-0.0034	-0.0008	-0.0002	0.0002	-0.0035	0.0000
NE+3.45	9	DER4	-0.0034	0.0008	-0.0002	-0.0002	-0.0035	0.0000
NE+3.45	9	DER5	0.0010	0.0026	-0.0002	-0.0007	-0.0017	0.0000
NE+3.45	9	DER6	-0.0010	0.0026	-0.0002	-0.0007	-0.0025	0.0000

NE+6.80	4	DER11	-0.0075	-0.0019	-0.0001	0.0005	-0.0012	0.0000
NE+6.80	4	DER12	-0.0075	0.0016	-0.0001	0.0000	-0.0012	0.0000
NE+6.80	4	DER13	0.0023	0.0054	-0.0001	-0.0005	0.0003	0.0000
NE+6.80	4	DER14	-0.0022	0.0055	-0.0001	-0.0005	-0.0004	0.0000
NE+6.80	4	DER15	-0.0024	-0.0060	-0.0001	0.0010	-0.0004	0.0000
NE+6.80	4	DER16	0.0021	-0.0061	-0.0002	0.0010	0.0003	0.0001
NE+6.80	5	DER1	0.0075	0.0018	-0.0001	-0.0003	0.0012	-0.0002
NE+6.80	5	DER2	0.0074	-0.0017	-0.0001	0.0002	0.0012	-0.0003
NE+6.80	5	DER3	-0.0077	-0.0020	-0.0002	0.0002	-0.0011	0.0001
NE+6.80	5	DER4	-0.0076	0.0014	-0.0001	-0.0003	-0.0011	0.0001
NE+6.80	5	DER5	0.0023	0.0056	-0.0001	-0.0008	0.0004	-0.0001
NE+6.80	5	DER6	-0.0023	0.0055	-0.0001	-0.0008	-0.0003	0.0000
NE+6.80	5	DER7	-0.0025	-0.0059	-0.0002	0.0007	-0.0003	-0.0001
NE+6.80	5	DER8	0.0021	-0.0058	-0.0001	0.0007	0.0004	-0.0002
NE+6.80	5	DER9	0.0075	0.0018	-0.0001	-0.0003	0.0012	-0.0002
NE+6.80	5	DER10	0.0074	-0.0016	-0.0001	0.0002	0.0012	-0.0003
NE+6.80	5	DER11	-0.0076	-0.0020	-0.0001	0.0002	-0.0011	0.0001
NE+6.80	5	DER12	-0.0075	0.0014	-0.0001	-0.0003	-0.0011	0.0001
NE+6.80	5	DER13	0.0023	0.0056	-0.0001	-0.0008	0.0004	-0.0001
NE+6.80	5	DER14	-0.0022	0.0055	-0.0001	-0.0008	-0.0003	0.0000
NE+6.80	5	DER15	-0.0024	-0.0059	-0.0001	0.0007	-0.0003	-0.0001
NE+6.80	5	DER16	0.0021	-0.0057	-0.0001	0.0007	0.0004	-0.0002
NE+6.80	6	DER1	0.0074	0.0011	-0.0002	0.0000	0.0011	0.0000
NE+6.80	6	DER2	0.0074	-0.0025	-0.0002	0.0005	0.0011	0.0000
NE+6.80	6	DER3	-0.0077	-0.0025	-0.0002	0.0005	-0.0010	0.0000
NE+6.80	6	DER4	-0.0076	0.0011	-0.0002	0.0000	-0.0010	0.0000
NE+6.80	6	DER5	0.0022	0.0054	-0.0003	-0.0006	0.0004	0.0000
NE+6.80	6	DER6	-0.0023	0.0054	-0.0003	-0.0006	-0.0003	0.0000
NE+6.80	6	DER7	-0.0025	-0.0067	-0.0002	0.0011	-0.0003	0.0000
NE+6.80	6	DER8	0.0020	-0.0067	-0.0002	0.0011	0.0003	0.0000
NE+6.80	6	DER9	0.0075	0.0013	-0.0002	-0.0001	0.0011	0.0000
NE+6.80	6	DER10	0.0074	-0.0024	-0.0002	0.0005	0.0011	0.0000
NE+6.80	6	DER11	-0.0076	-0.0024	-0.0002	0.0004	-0.0010	0.0000
NE+6.80	6	DER12	-0.0076	0.0013	-0.0002	-0.0001	-0.0010	0.0000
NE+6.80	6	DER13	0.0023	0.0055	-0.0002	-0.0007	0.0004	0.0000
NE+6.80	6	DER14	-0.0022	0.0055	-0.0002	-0.0007	-0.0002	0.0000
NE+6.80	6	DER15	-0.0024	-0.0066	-0.0001	0.0010	-0.0003	0.0000
NE+6.80	6	DER16	0.0021	-0.0066	-0.0001	0.0011	0.0004	0.0000
NE+6.80	7	DER1	0.0074	0.0012	-0.0002	-0.0002	0.0010	-0.0001
NE+6.80	7	DER2	0.0074	-0.0023	-0.0002	0.0002	0.0010	-0.0001
NE+6.80	7	DER3	-0.0077	-0.0020	-0.0002	0.0002	-0.0013	0.0002
NE+6.80	7	DER4	-0.0076	0.0015	-0.0002	-0.0002	-0.0013	0.0002
NE+6.80	7	DER5	0.0022	0.0053	-0.0002	-0.0006	0.0002	0.0000
NE+6.80	7	DER6	-0.0023	0.0054	-0.0002	-0.0006	-0.0005	0.0001
NE+6.80	7	DER7	-0.0025	-0.0061	-0.0002	0.0007	-0.0005	0.0001
NE+6.80	7	DER8	0.0020	-0.0062	-0.0002	0.0007	0.0002	0.0000
NE+6.80	7	DER9	0.0075	0.0013	-0.0002	-0.0002	0.0010	-0.0001
NE+6.80	7	DER10	0.0074	-0.0022	-0.0002	0.0002	0.0010	-0.0001
NE+6.80	7	DER11	-0.0076	-0.0019	-0.0001	0.0002	-0.0013	0.0002
NE+6.80	7	DER12	-0.0076	0.0016	-0.0001	-0.0002	-0.0013	0.0002
NE+6.80	7	DER13	0.0023	0.0054	-0.0002	-0.0006	0.0002	0.0000
NE+6.80	7	DER14	-0.0023	0.0055	-0.0002	-0.0007	-0.0005	0.0000
NE+6.80	7	DER15	-0.0024	-0.0060	-0.0001	0.0007	-0.0005	0.0001
NE+6.80	7	DER16	0.0021	-0.0061	-0.0001	0.0007	0.0002	0.0000
NE+6.80	8	DER1	0.0087	0.0018	-0.0003	-0.0002	0.0013	-0.0002
NE+6.80	8	DER2	0.0087	-0.0017	-0.0003	0.0002	0.0013	-0.0002
NE+6.80	8	DER3	-0.0086	-0.0021	-0.0003	0.0003	-0.0016	0.0002
NE+6.80	8	DER4	-0.0086	0.0014	-0.0003	-0.0002	-0.0016	0.0002
NE+6.80	8	DER5	0.0026	0.0056	-0.0003	-0.0007	0.0003	-0.0001
NE+6.80	8	DER6	-0.0025	0.0055	-0.0003	-0.0007	-0.0006	0.0000
NE+6.80	8	DER7	-0.0026	-0.0059	-0.0003	0.0007	-0.0006	0.0000
NE+6.80	8	DER8	0.0026	-0.0058	-0.0003	0.0007	0.0003	-0.0001
NE+6.80	8	DER9	0.0087	0.0018	-0.0002	-0.0002	0.0015	-0.0002
NE+6.80	8	DER10	0.0087	-0.0016	-0.0002	0.0002	0.0015	-0.0002
NE+6.80	8	DER11	-0.0086	-0.0020	-0.0002	0.0002	-0.0014	0.0002
NE+6.80	8	DER12	-0.0086	0.0014	-0.0002	-0.0002	-0.0014	0.0002
NE+6.80	8	DER13	0.0026	0.0056	-0.0002	-0.0007	0.0005	-0.0001
NE+6.80	8	DER14	-0.0025	0.0055	-0.0002	-0.0007	-0.0004	0.0001
NE+6.80	8	DER15	-0.0026	-0.0059	-0.0002	0.0007	-0.0004	0.0000
NE+6.80	8	DER16	0.0026	-0.0057	-0.0002	0.0007	0.0005	-0.0001
NE+6.80	9	DER1	0.0085	0.0012	-0.0003	-0.0001	0.0016	-0.0002
NE+6.80	9	DER2	0.0085	-0.0023	-0.0003	0.0003	0.0016	-0.0002
NE+6.80	9	DER3	-0.0088	-0.0019	-0.0003	0.0003	-0.0013	0.0002
NE+6.80	9	DER4	-0.0088	0.0015	-0.0003	-0.0001	-0.0013	0.0002
NE+6.80	9	DER5	0.0025	0.0053	-0.0003	-0.0006	0.0006	0.0000
NE+6.80	9	DER6	-0.0027	0.0054	-0.0003	-0.0006	-0.0003	0.0001
NE+6.80	9	DER7	-0.0028	-0.0061	-0.0003	0.0008	-0.0003	0.0000
NE+6.80	9	DER8	0.0024	-0.0062	-0.0003	0.0008	0.0006	-0.0001
NE+6.80	9	DER9	0.0086	0.0013	-0.0002	-0.0001	0.0014	-0.0002
NE+6.80	9	DER10	0.0086	-0.0022	-0.0002	0.0003	0.0014	-0.0002
NE+6.80	9	DER11	-0.0087	-0.0019	-0.0002	0.0003	-0.0015	0.0002
NE+6.80	9	DER12	-0.0087	0.0016	-0.0002	-0.0002	-0.0015	0.0002
NE+6.80	9	DER13	0.0025	0.0054	-0.0002	-0.0006	0.0004	0.0000
NE+6.80	9	DER14	-0.0026	0.0055	-0.0002	-0.0006	-0.0005	0.0001
NE+6.80	9	DER15	-0.0027	-0.0060	-0.0002	0.0007	-0.0005	0.0000
NE+6.80	9	DER16	0.0025	-0.0061	-0.0002	0.0008	0.0004	-0.0001
NE+6.80	10	DER1	0.0092	0.0017	-0.0003	-0.0002	0.0014	0.0000
NE+6.80	10	DER2	0.0092	-0.0017	-0.0003	0.0002	0.0014	-0.0001
NE+6.80	10	DER3	-0.0091	-0.0021	-0.0003	0.0002	-0.0018	0.0000
NE+6.80	10	DER4	-0.0091	0.0014	-0.0003	-0.0002	-0.0018	0.0000
NE+6.80	10	DER5	0.0028	0.0056	-0.0003	-0.0007	0.0003	0.0000
NE+6.80	10	DER6	-0.0027	0.0055	-0.0003	-0.0007	-0.0006	0.0000
NE+6.80	10	DER7	-0.0027	-0.0059	-0.0003	0.0007	-0.0006	0.0000
NE+6.80	10	DER8	0.0028	-0.0058	-0.0003	0.0007	0.0003	0.0000
NE+6.80	10	DER9	0.0092	0.0018	-0.0002	-0.0002	0.0016	0.0000
NE+6.80	10	DER10	0.0092	-0.0016	-0.0002	0.0002	0.0016	0.0000
NE+6.80	10	DER11	-0.0091	-0.0020	-0.0002	0.0002	-0.0015	0.0000
NE+6.80	10	DER12	-0.0091	0.0014	-0.0002	-0.0002	-0.0015	0.0000
NE+6.80	10	DER13	0.0028	0.0056	-0.0002	-0.0007	0.0005	0.0000
NE+6.80	10	DER14	-0.0027	0.0055	-0.0002	-0.0007	-0.0004	0.0000
NE+6.80	10	DER15	-0.0027	-0.0059	-0.0002	0.0007	-0.0004	0.0000
NE+6.80	10	DER16	0.0028	-0.0057	-0.0002	0.0007	0.0005	0.0000
NE+6.80	11	DER1	0.0090	0.0012	-0.0003	-0.0001	0.0017	0.0000
NE+6.80	11	DER2	0.0090	-0.0023	-0.0003	0.0003	0.0017	0.0000
NE+6.80	11	DER3	-0.0093	-0.0020	-0.0003	0.0003	-0.0014	0.0000
NE+6.80	11	DER4	-0.0093	0.0015	-0.0003	-0.0001	-0.0014	0.0000
NE+6.80	11	DER5	0.0026	0.0053	-0.0003	-0.0006	0.0006	0.0000
NE+6.80	11	DER6	-0.0029	0.0054	-0.0003	-0.0006	-0.0003	0.0000
NE+6.80	11	DER7	-0.0029	-0.0061	-0.0003	0.0008	-0.0003	0.0000
NE+6.80	11	DER8	0.0026	-0.0062	-0.0003	0.0008	0.0006	0.0000
NE+6.80	11	DER9	0.0091	0.0013	-0.0002	-0.0001	0.0015	0.0000
NE+6.80	11	DER10	0.0091	-0.0022	-0.0002	0.0003	0.0015	0.0000
NE+6.80	11	DER11	-0.0092	-0.0019	-0.0002	0.0003	-0.0017	0.0000
NE+6.80	11	DER12	-0.0092	0.0016	-0.0002	-0.0002	-0.0017	0.0000
NE+6.80	11	DER13	0.0027	0.0054	-0.0002	-0.0006	0.0004	0.0000
NE+6.80	11	DER14	-0.0028	0.0055	-0.0002	-0.0006	-0.0006	0.0000
NE+6.80	11	DER15	-0.0028	-0.0060	-0.0002	0.0007	-0.0005	0.0000
NE+6.80	11	DER16	0.0027	-0.0061	-0.0002	0.0008	0.0004	0.0000
NE+6.80	12	DER1	0.0090	0.0017	-0.0003	-0.0002	0.0013	0.0001
NE+6.80	12	DER2	0.0090	-0.0017	-0.0003	0.0002	0.0013	0.0001
NE+6.80	12	DER3	-0.0088	-0.0021	-0.0003	0.0002	-0.0016	-0.0001
NE+6.80	12	DER4	-0.0089	0.0014	-0.0003	-0.0002	-0.0016	-0.0001
NE+6.80	12	DER5	0.0027	0.0056	-0.0003	-0.0007	0.0003	0.0000
NE+6.80	12	DER6	-0.0027	0.0055	-0.0003	-0.0007	-0.0006	-0.0001

NE+6.80	14	DER1	0.0079	0.0017	-0.0001	-0.0001	0.0011	0.0002
NE+6.80	14	DER2	0.0079	-0.0017	-0.0001	0.0003	0.0011	0.0001
NE+6.80	14	DER3	-0.0079	-0.0021	-0.0001	0.0003	-0.0010	-0.0002
NE+6.80	14	DER4	-0.0079	0.0014	-0.0002	-0.0001	-0.0010	-0.0001
NE+6.80	14	DER5	0.0023	0.0056	-0.0001	-0.0007	0.0004	0.0002
NE+6.80	14	DER6	-0.0025	0.0055	-0.0002	-0.0007	-0.0003	0.0002
NE+6.80	14	DER7	-0.0023	-0.0059	-0.0001	0.0009	-0.0003	-0.0002
NE+6.80	14	DER8	0.0025	-0.0058	-0.0001	0.0009	0.0004	-0.0001
NE+6.80	14	DER9	0.0079	0.0018	-0.0001	-0.0002	0.0011	0.0002
NE+6.80	14	DER10	0.0079	-0.0016	-0.0001	0.0003	0.0012	0.0001
NE+6.80	14	DER11	-0.0079	-0.0020	-0.0001	0.0003	-0.0010	-0.0002
NE+6.80	14	DER12	-0.0079	0.0014	-0.0001	-0.0001	-0.0010	-0.0001
NE+6.80	14	DER13	0.0023	0.0056	-0.0001	-0.0007	0.0004	0.0002
NE+6.80	14	DER14	-0.0025	0.0055	-0.0001	-0.0007	-0.0003	0.0002
NE+6.80	14	DER15	-0.0023	-0.0059	-0.0001	0.0009	-0.0002	-0.0002
NE+6.80	14	DER16	0.0025	-0.0058	-0.0001	0.0009	0.0004	-0.0002
NE+6.80	15	DER1	0.0078	0.0020	-0.0002	-0.0004	0.0010	-0.0001
NE+6.80	15	DER2	0.0079	-0.0023	-0.0002	0.0005	0.0010	-0.0001
NE+6.80	15	DER3	-0.0079	-0.0025	-0.0002	0.0005	-0.0010	0.0001
NE+6.80	15	DER4	-0.0079	0.0019	-0.0002	-0.0004	-0.0010	0.0001
NE+6.80	15	DER5	0.0022	0.0070	-0.0002	-0.0014	0.0003	0.0000
NE+6.80	15	DER6	-0.0025	0.0070	-0.0002	-0.0014	-0.0003	0.0001
NE+6.80	15	DER7	-0.0023	-0.0075	-0.0002	0.0015	-0.0003	0.0000
NE+6.80	15	DER8	0.0025	-0.0074	-0.0002	0.0014	0.0003	-0.0001
NE+6.80	15	DER9	0.0078	0.0020	-0.0002	-0.0004	0.0010	-0.0001
NE+6.80	15	DER10	0.0079	-0.0023	-0.0002	0.0004	0.0010	-0.0001
NE+6.80	15	DER11	-0.0079	-0.0024	-0.0001	0.0005	-0.0010	0.0001
NE+6.80	15	DER12	-0.0079	0.0019	-0.0001	-0.0004	-0.0010	0.0001
NE+6.80	15	DER13	0.0022	0.0070	-0.0001	-0.0014	0.0003	0.0000
NE+6.80	15	DER14	-0.0025	0.0070	-0.0001	-0.0014	-0.0003	0.0001
NE+6.80	15	DER15	-0.0023	-0.0074	-0.0001	0.0014	-0.0003	0.0000
NE+6.80	15	DER16	0.0025	-0.0074	-0.0001	0.0014	0.0003	-0.0001
NE+6.80	16	DER1	0.0078	0.0012	-0.0002	-0.0001	0.0010	0.0001
NE+6.80	16	DER2	0.0079	-0.0023	-0.0001	0.0004	0.0010	0.0001
NE+6.80	16	DER3	-0.0079	-0.0020	-0.0001	0.0004	-0.0012	-0.0001
NE+6.80	16	DER4	-0.0080	0.0015	-0.0001	-0.0001	-0.0012	-0.0002
NE+6.80	16	DER5	0.0022	0.0053	-0.0002	-0.0006	0.0002	-0.0001
NE+6.80	16	DER6	-0.0025	0.0054	-0.0002	-0.0006	-0.0004	-0.0002
NE+6.80	16	DER7	-0.0023	-0.0061	-0.0001	0.0009	-0.0004	0.0001
NE+6.80	16	DER8	0.0024	-0.0062	-0.0001	0.0009	0.0003	0.0002
NE+6.80	16	DER9	0.0078	0.0013	-0.0001	-0.0001	0.0010	0.0001
NE+6.80	16	DER10	0.0079	-0.0022	-0.0001	0.0004	0.0010	0.0002
NE+6.80	16	DER11	-0.0079	-0.0019	-0.0001	0.0004	-0.0012	-0.0001
NE+6.80	16	DER12	-0.0080	0.0016	-0.0001	-0.0001	-0.0012	-0.0002
NE+6.80	16	DER13	0.0022	0.0054	-0.0001	-0.0006	0.0002	-0.0001
NE+6.80	16	DER14	-0.0025	0.0055	-0.0001	-0.0006	-0.0004	-0.0002
NE+6.80	16	DER15	-0.0023	-0.0060	-0.0001	0.0009	-0.0004	0.0001
NE+6.80	16	DER16	0.0024	-0.0061	-0.0001	0.0009	0.0002	0.0002
NE+3.45	3	DER1	0.0032	0.0007	-0.0001	-0.0002	0.0015	0.0000
NE+3.45	3	DER2	0.0031	-0.0009	-0.0001	0.0003	0.0015	0.0000
NE+3.45	3	DER3	-0.0033	-0.0009	-0.0001	0.0003	-0.0007	0.0000
NE+3.45	3	DER4	-0.0032	0.0007	-0.0001	-0.0002	-0.0007	0.0000
NE+3.45	3	DER5	0.0010	0.0026	-0.0001	-0.0008	0.0007	0.0000
NE+3.45	3	DER6	-0.0009	0.0026	-0.0001	-0.0008	0.0000	0.0000
NE+3.45	3	DER7	-0.0011	-0.0028	-0.0001	0.0009	0.0000	0.0000
NE+3.45	3	DER8	0.0008	-0.0027	-0.0001	0.0009	0.0007	0.0000
NE+3.45	3	DER9	0.0032	0.0008	-0.0001	-0.0002	0.0013	0.0000
NE+3.45	3	DER10	0.0032	-0.0008	-0.0001	0.0003	0.0013	0.0000
NE+3.45	3	DER11	-0.0032	-0.0009	-0.0001	0.0003	-0.0009	0.0000
NE+3.45	3	DER12	-0.0032	0.0007	-0.0001	-0.0002	-0.0009	0.0000
NE+3.45	3	DER13	0.0010	0.0026	-0.0001	-0.0008	0.0005	0.0000
NE+3.45	3	DER14	-0.0009	0.0026	-0.0001	-0.0008	-0.0001	0.0000
NE+3.45	3	DER15	-0.0011	-0.0027	-0.0001	0.0009	-0.0002	0.0000
NE+3.45	3	DER16	0.0009	-0.0027	-0.0001	0.0009	0.0005	0.0000
NE+3.45	4	DER1	0.0032	0.0006	-0.0001	-0.0002	0.0007	0.0000
NE+3.45	4	DER2	0.0031	-0.0010	-0.0001	0.0003	0.0007	0.0000
NE+3.45	4	DER3	-0.0033	-0.0008	-0.0001	0.0003	-0.0015	0.0000
NE+3.45	4	DER4	-0.0032	0.0008	-0.0001	-0.0002	-0.0015	0.0000
NE+3.45	4	DER5	0.0010	0.0026	-0.0001	-0.0008	0.0000	0.0000
NE+3.45	4	DER6	-0.0009	0.0026	-0.0001	-0.0008	-0.0007	0.0000
NE+3.45	4	DER7	-0.0011	-0.0028	-0.0001	0.0009	-0.0007	0.0000
NE+3.45	4	DER8	0.0008	-0.0028	-0.0001	0.0009	-0.0001	0.0000
NE+3.45	4	DER9	0.0032	0.0006	-0.0001	-0.0002	0.0009	0.0000
NE+3.45	4	DER10	0.0032	-0.0010	-0.0001	0.0003	0.0009	0.0000
NE+3.45	4	DER11	-0.0032	-0.0008	-0.0001	0.0002	-0.0013	0.0000
NE+3.45	4	DER12	-0.0032	0.0009	-0.0001	-0.0003	-0.0013	0.0000
NE+3.45	4	DER13	0.0010	0.0026	-0.0001	-0.0008	0.0002	0.0000
NE+3.45	4	DER14	-0.0009	0.0027	-0.0001	-0.0008	-0.0005	0.0000
NE+3.45	4	DER15	-0.0011	-0.0027	-0.0001	0.0008	-0.0005	0.0000
NE+3.45	4	DER16	0.0009	-0.0028	-0.0001	0.0008	0.0001	0.0000
NE+3.45	5	DER1	0.0033	0.0009	-0.0001	-0.0003	0.0014	0.0000
NE+3.45	5	DER2	0.0032	-0.0007	-0.0001	0.0002	0.0014	0.0000
NE+3.45	5	DER3	-0.0033	-0.0010	-0.0001	0.0002	-0.0009	0.0000
NE+3.45	5	DER4	-0.0033	0.0006	-0.0001	-0.0003	-0.0008	0.0000
NE+3.45	5	DER5	0.0010	0.0026	-0.0001	-0.0009	0.0006	0.0000
NE+3.45	5	DER6	-0.0010	0.0025	-0.0001	-0.0009	-0.0001	0.0000
NE+3.45	5	DER7	-0.0011	-0.0028	-0.0001	0.0008	-0.0001	0.0000
NE+3.45	5	DER8	0.0009	-0.0027	-0.0001	0.0008	0.0006	0.0000
NE+3.45	5	DER9	0.0033	0.0009	-0.0001	-0.0003	0.0013	0.0000
NE+3.45	5	DER10	0.0033	-0.0007	-0.0001	0.0002	0.0013	0.0000
NE+3.45	5	DER11	-0.0033	-0.0010	-0.0001	0.0002	-0.0009	0.0000
NE+3.45	5	DER12	-0.0033	0.0006	-0.0001	-0.0003	-0.0009	0.0000
NE+3.45	5	DER13	0.0010	0.0026	-0.0001	-0.0009	0.0005	0.0000
NE+3.45	5	DER14	-0.0010	0.0025	-0.0001	-0.0009	-0.0001	0.0000
NE+3.45	5	DER15	-0.0010	-0.0027	-0.0001	0.0008	-0.0002	0.0000
NE+3.45	5	DER16	0.0009	-0.0027	-0.0001	0.0008	0.0005	0.0000
NE+3.45	6	DER1	0.0033	0.0007	-0.0002	-0.0001	0.0011	0.0000
NE+3.45	6	DER2	0.0032	-0.0009	-0.0002	0.0004	0.0011	0.0000
NE+3.45	6	DER3	-0.0033	-0.0009	-0.0002	0.0004	-0.0008	0.0000
NE+3.45	6	DER4	-0.0033	0.0007	-0.0002	-0.0001	-0.0008	0.0000
NE+3.45	6	DER5	0.0010	0.0026	-0.0002	-0.0007	0.0005	0.0000
NE+3.45	6	DER6	-0.0010	0.0026	-0.0002	-0.0007	-0.0001	0.0000
NE+3.45	6	DER7	-0.0011	-0.0028	-0.0002	0.0010	-0.0001	0.0000
NE+3.45	6	DER8	0.0009	-0.0027	-0.0002	0.0010	0.0004	0.0000
NE+3.45	6	DER9	0.0033	0.0008	-0.0001	-0.0001	0.0010	0.0000
NE+3.45	6	DER10	0.0033	-0.0008	-0.0001	0.0004	0.0010	0.0000
NE+3.45	6	DER11	-0.0033	-0.0009	-0.0001	0.0004	-0.0009	0.0000
NE+3.45	6	DER12	-0.0033	0.0007	-0.0001	-0.0001	-0.0009	0.0000
NE+3.45	6	DER13	0.0010	0.0026	-0.0002	-0.0007	0.0003	0.0000
NE+3.45	6	DER14	-0.0010	0.0026	-0.0002	-0.0007	-0.0002	0.0000
NE+3.45	6	DER15	-0.0010	-0.0027	-0.0001	0.0010	-0.0003	0.0000
NE+3.45	6	DER16	0.0009	-0.0027	-0.0001	0.0010	0.0003	0.0000
NE+3.45	7	DER1	0.0033	0.0006	-0.0002	-0.0002	0.0006	0.0000
NE+3.45	7	DER2	0.0032	-0.0010	-0.0002	0.0002	0.0006	0.0000
NE+3.45	7	DER3	-0.0033	-0.0008	-0.0001	0.0002	-0.0017	0.0000
NE+3.45	7	DER4	-0.0033	0.0008	-0.0001	-0.0002	-0.0016	0.0000
NE+3.45	7	DER5	0.0010	0.0026	-0.0002	-0.0006	-0.0002	0.0000
NE+3.45	7	DER6	-0.0010	0.0026	-0.0002	-0.0006	-0.0008	0.0000
NE+3.45	7	DER7	-0.0011	-0.0028	-0.0001	0.0007	-0.0009	0.0000
NE+3.45	7	DER8	0.0009	-0.0028	-0.0002	0.0007	-0.0002	0.0000
NE+3.45	7	DER9	0.0033	0.0006	-0.0001	-0.0002	0.0009	0.0000
NE+3.45	7	DER10	0.0033	-0.0010	-0.0001	0.0002	0.0009	0.0000
NE+3.45	7	DER11	-0.0033	-0.0008	-0.0001	0.0002	-0.0014	0.0000
NE+3.45	7	DER12	-0.0033	0.0009	-0.0001	-0.0002	-0.0014	0.0000

NE+3.45	9	DER7	-0.0011	-0.0028	-0.0002	0.0007	-0.0025	0.0000
NE+3.45	9	DER8	0.0010	-0.0028	-0.0002	0.0007	-0.0017	0.0000
NE+3.45	9	DER9	0.0034	0.0006	-0.0002	-0.0002	0.0003	0.0000
NE+3.45	9	DER10	0.0034	-0.0010	-0.0002	0.0003	0.0003	0.0000
NE+3.45	9	DER11	-0.0034	-0.0008	-0.0002	0.0002	-0.0025	0.0000
NE+3.45	9	DER12	-0.0034	0.0009	-0.0002	-0.0002	-0.0025	0.0000
NE+3.45	9	DER13	0.0010	0.0026	-0.0002	-0.0007	-0.0007	0.0000
NE+3.45	9	DER14	-0.0010	0.0027	-0.0002	-0.0007	-0.0015	0.0000
NE+3.45	9	DER15	-0.0010	-0.0027	-0.0002	0.0007	-0.0015	0.0000
NE+3.45	9	DER16	0.0010	-0.0028	-0.0002	0.0007	-0.0007	0.0000
NE+3.45	10	DER1	0.0035	0.0009	-0.0002	-0.0002	0.0035	0.0000
NE+3.45	10	DER2	0.0035	-0.0007	-0.0002	0.0002	0.0035	0.0000
NE+3.45	10	DER3	-0.0035	-0.0010	-0.0002	0.0003	0.0006	0.0000
NE+3.45	10	DER4	-0.0035	0.0006	-0.0002	-0.0002	0.0006	0.0000
NE+3.45	10	DER5	0.0010	0.0026	-0.0002	-0.0007	0.0025	0.0000
NE+3.45	10	DER6	-0.0011	0.0025	-0.0002	-0.0007	0.0017	0.0000
NE+3.45	10	DER7	-0.0011	-0.0028	-0.0002	0.0007	0.0017	0.0000
NE+3.45	10	DER8	0.0010	-0.0027	-0.0002	0.0007	0.0025	0.0000
NE+3.45	10	DER9	0.0035	0.0009	-0.0002	-0.0002	0.0026	0.0000
NE+3.45	10	DER10	0.0035	-0.0007	-0.0002	0.0002	0.0026	0.0000
NE+3.45	10	DER11	-0.0035	-0.0010	-0.0002	0.0002	-0.0003	0.0000
NE+3.45	10	DER12	-0.0035	0.0006	-0.0002	-0.0002	-0.0003	0.0000
NE+3.45	10	DER13	0.0010	0.0026	-0.0002	-0.0007	0.0016	0.0000
NE+3.45	10	DER14	-0.0011	0.0025	-0.0002	-0.0007	0.0007	0.0000
NE+3.45	10	DER15	-0.0010	-0.0027	-0.0002	0.0007	0.0007	0.0000
NE+3.45	10	DER16	0.0010	-0.0027	-0.0002	0.0007	0.0016	0.0000
NE+3.45	11	DER1	0.0035	0.0006	-0.0002	-0.0001	-0.0007	0.0000
NE+3.45	11	DER2	0.0035	-0.0010	-0.0002	0.0003	-0.0007	0.0000
NE+3.45	11	DER3	-0.0035	-0.0008	-0.0002	0.0002	-0.0036	0.0000
NE+3.45	11	DER4	-0.0035	0.0008	-0.0002	-0.0002	-0.0036	0.0000
NE+3.45	11	DER5	0.0010	0.0026	-0.0002	-0.0006	-0.0017	0.0000
NE+3.45	11	DER6	-0.0011	0.0026	-0.0002	-0.0007	-0.0025	0.0000
NE+3.45	11	DER7	-0.0011	-0.0028	-0.0002	0.0007	-0.0025	0.0000
NE+3.45	11	DER8	0.0010	-0.0028	-0.0002	0.0007	-0.0017	0.0000
NE+3.45	11	DER9	0.0035	0.0006	-0.0002	-0.0002	0.0003	0.0000
NE+3.45	11	DER10	0.0035	-0.0010	-0.0002	0.0003	0.0003	0.0000
NE+3.45	11	DER11	-0.0035	-0.0008	-0.0002	0.0002	-0.0026	0.0000
NE+3.45	11	DER12	-0.0035	0.0009	-0.0002	-0.0002	-0.0026	0.0000
NE+3.45	11	DER13	0.0010	0.0026	-0.0002	-0.0007	-0.0007	0.0000
NE+3.45	11	DER14	-0.0011	0.0027	-0.0002	-0.0007	-0.0016	0.0000
NE+3.45	11	DER15	-0.0010	-0.0027	-0.0002	0.0007	-0.0016	0.0000
NE+3.45	11	DER16	0.0010	-0.0028	-0.0002	0.0007	-0.0007	0.0000
NE+3.45	12	DER1	0.0036	0.0009	-0.0002	-0.0002	0.0035	0.0000
NE+3.45	12	DER2	0.0036	-0.0007	-0.0002	0.0002	0.0035	0.0000
NE+3.45	12	DER3	-0.0036	-0.0010	-0.0002	0.0002	0.0007	0.0000
NE+3.45	12	DER4	-0.0036	0.0006	-0.0002	-0.0002	0.0006	0.0000
NE+3.45	12	DER5	0.0010	0.0026	-0.0002	-0.0007	0.0025	0.0000
NE+3.45	12	DER6	-0.0011	0.0025	-0.0002	-0.0006	0.0016	0.0000
NE+3.45	12	DER7	-0.0011	-0.0028	-0.0002	0.0007	0.0017	0.0000
NE+3.45	12	DER8	0.0011	-0.0027	-0.0002	0.0007	0.0025	0.0000
NE+3.45	12	DER9	0.0036	0.0009	-0.0002	-0.0002	0.0025	0.0000
NE+3.45	12	DER10	0.0036	-0.0007	-0.0002	0.0002	0.0025	0.0000
NE+3.45	12	DER11	-0.0036	-0.0010	-0.0002	0.0002	-0.0003	0.0000
NE+3.45	12	DER12	-0.0036	0.0006	-0.0002	-0.0002	-0.0003	0.0000
NE+3.45	12	DER13	0.0010	0.0026	-0.0002	-0.0007	0.0015	0.0000
NE+3.45	12	DER14	-0.0011	0.0025	-0.0002	-0.0007	0.0007	0.0000
NE+3.45	12	DER15	-0.0010	-0.0027	-0.0002	0.0007	0.0007	0.0000
NE+3.45	12	DER16	0.0011	-0.0027	-0.0002	0.0007	0.0016	0.0000
NE+3.45	13	DER1	0.0036	0.0006	-0.0002	-0.0001	-0.0007	0.0000
NE+3.45	13	DER2	0.0036	-0.0010	-0.0002	0.0003	-0.0007	0.0000
NE+3.45	13	DER3	-0.0036	-0.0008	-0.0002	0.0002	-0.0035	0.0000
NE+3.45	13	DER4	-0.0036	0.0008	-0.0002	-0.0002	-0.0035	0.0000
NE+3.45	13	DER5	0.0010	0.0026	-0.0002	-0.0006	-0.0017	0.0000
NE+3.45	13	DER6	-0.0011	0.0026	-0.0002	-0.0006	-0.0025	0.0000
NE+3.45	13	DER7	-0.0011	-0.0028	-0.0002	0.0007	-0.0025	0.0000
NE+3.45	13	DER8	0.0011	-0.0028	-0.0002	0.0007	-0.0017	0.0000
NE+3.45	13	DER9	0.0036	0.0006	-0.0002	-0.0002	0.0003	0.0000
NE+3.45	13	DER10	0.0036	-0.0010	-0.0002	0.0003	0.0003	0.0000
NE+3.45	13	DER11	-0.0036	-0.0008	-0.0002	0.0002	-0.0025	0.0000
NE+3.45	13	DER12	-0.0036	0.0009	-0.0002	-0.0002	-0.0026	0.0000
NE+3.45	13	DER13	0.0010	0.0026	-0.0002	-0.0006	-0.0007	0.0000
NE+3.45	13	DER14	-0.0011	0.0027	-0.0002	-0.0007	-0.0016	0.0000
NE+3.45	13	DER15	-0.0010	-0.0027	-0.0002	0.0007	-0.0015	0.0000
NE+3.45	13	DER16	0.0011	-0.0028	-0.0002	0.0007	-0.0007	0.0000
NE+3.45	14	DER1	0.0037	0.0009	-0.0001	-0.0002	0.0015	0.0000
NE+3.45	14	DER2	0.0037	-0.0007	-0.0001	0.0003	0.0015	0.0000
NE+3.45	14	DER3	-0.0037	-0.0010	-0.0001	0.0004	-0.0009	0.0000
NE+3.45	14	DER4	-0.0037	0.0006	-0.0001	-0.0001	-0.0009	0.0000
NE+3.45	14	DER5	0.0010	0.0026	-0.0001	-0.0007	0.0006	0.0000
NE+3.45	14	DER6	-0.0012	0.0025	-0.0001	-0.0007	-0.0001	0.0000
NE+3.45	14	DER7	-0.0010	-0.0028	-0.0001	0.0009	-0.0001	0.0000
NE+3.45	14	DER8	0.0012	-0.0027	-0.0001	0.0009	0.0007	0.0000
NE+3.45	14	DER9	0.0037	0.0009	-0.0001	-0.0002	0.0014	0.0000
NE+3.45	14	DER10	0.0037	-0.0007	-0.0001	0.0003	0.0014	0.0000
NE+3.45	14	DER11	-0.0037	-0.0010	-0.0001	0.0004	-0.0010	0.0000
NE+3.45	14	DER12	-0.0037	0.0006	-0.0001	-0.0001	-0.0010	0.0000
NE+3.45	14	DER13	0.0010	0.0026	-0.0001	-0.0008	0.0005	0.0000
NE+3.45	14	DER14	-0.0012	0.0025	-0.0001	-0.0007	-0.0002	0.0000
NE+3.45	14	DER15	-0.0010	-0.0027	-0.0001	0.0009	-0.0002	0.0000
NE+3.45	14	DER16	0.0012	-0.0027	-0.0001	0.0009	0.0006	0.0000
NE+3.45	15	DER1	0.0037	0.0007	-0.0002	-0.0003	0.0011	0.0000
NE+3.45	15	DER2	0.0037	-0.0009	-0.0002	0.0004	0.0011	0.0000
NE+3.45	15	DER3	-0.0037	-0.0009	-0.0001	0.0004	-0.0009	0.0000
NE+3.45	15	DER4	-0.0037	0.0007	-0.0001	-0.0003	-0.0009	0.0000
NE+3.45	15	DER5	0.0010	0.0026	-0.0002	-0.0012	0.0004	0.0000
NE+3.45	15	DER6	-0.0012	0.0026	-0.0001	-0.0012	-0.0002	0.0000
NE+3.45	15	DER7	-0.0010	-0.0028	-0.0001	0.0013	-0.0002	0.0000
NE+3.45	15	DER8	0.0012	-0.0027	-0.0002	0.0013	0.0004	0.0000
NE+3.45	15	DER9	0.0037	0.0008	-0.0001	-0.0004	0.0010	0.0000
NE+3.45	15	DER10	0.0037	-0.0008	-0.0001	0.0004	0.0011	0.0000
NE+3.45	15	DER11	-0.0037	-0.0009	-0.0001	0.0004	-0.0009	0.0000
NE+3.45	15	DER12	-0.0037	0.0007	-0.0001	-0.0003	-0.0009	0.0000
NE+3.45	15	DER13	0.0010	0.0026	-0.0001	-0.0012	0.0003	0.0000
NE+3.45	15	DER14	-0.0012	0.0026	-0.0001	-0.0012	-0.0003	0.0000
NE+3.45	15	DER15	-0.0010	-0.0027	-0.0001	0.0013	-0.0002	0.0000
NE+3.45	15	DER16	0.0012	-0.0027	-0.0001	0.0013	0.0004	0.0000
NE+3.45	16	DER1	0.0037	0.0006	-0.0001	-0.0001	0.0008	0.0000
NE+3.45	16	DER2	0.0037	-0.0010	-0.0001	0.0004	0.0008	0.0000
NE+3.45	16	DER3	-0.0037	-0.0008	-0.0001	0.0004	-0.0016	0.0000
NE+3.45	16	DER4	-0.0037	0.0008	-0.0001	-0.0002	-0.0016	0.0000
NE+3.45	16	DER5	0.0010	0.0026	-0.0001	-0.0007	-0.0001	0.0000
NE+3.45	16	DER6	-0.0012	0.0026	-0.0001	-0.0007	-0.0008	0.0000
NE+3.45	16	DER7	-0.0010	-0.0028	-0.0001	0.0010	-0.0007	0.0000
NE+3.45	16	DER8	0.0012	-0.0028	-0.0001	0.0010	0.0000	0.0000
NE+3.45	16	DER9	0.0037	0.0006	-0.0001	-0.0001	0.0009	0.0000
NE+3.45	16	DER10	0.0037	-0.0010	-0.0001	0.0004	0.0010	0.0000
NE+3.45	16	DER11	-0.0037	-0.0008	-0.0001	0.0003	-0.0015	0.0000
NE+3.45	16	DER12	-0.0037	0.0009	-0.0001	-0.0002	-0.0015	0.0000
NE+3.45	16	DER13	0.0010	0.0026	-0.0001	-0.0007	0.0001	0.0000
NE+3.45	16	DER14	-0.0012	0.0027	-0.0001	-0.0007	-0.0006	0.0000
NE+3.45	16	DER15	-0.0010	-0.0027	-0.0001	0.0010	-0.0006	0.0000
NE+3.45	16	DER16	0.0012	-0.0028	-0.0001	0.0010	0.0001	0.0000

2.5 VERIFICACIÓN TORSIÓN ACCIDENTAL

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO X)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	3	0.01440	4	0.01432	0.01440	0.01723	NO TORSION
NE+3.45	3	0.01002	4	0.00895	0.01002	0.01138	NO TORSION

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO Y)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	3	0.01222	4	0.01092	0.01222	0.01388	NO TORSION
NE+3.45	3	0.00930	4	0.00950	0.00950	0.01128	NO TORSION

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO X)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	14	0.01415	16	0.01419	0.01419	0.01701	NO TORSION
NE+3.45	14	0.00781	16	0.00730	0.00781	0.00907	NO TORSION

VERIFICACION IRREGULARIDAD TORSIONAL (SISMO Y)

Piso	Nudo	Δ1 (m)	Nudo	Δ2 (m)	Δmax (m)	1.2(Δ1 + Δ2) / 2	Chequeo
NE+6.80	14	0.01091	16	0.01101	0.01101	0.01315	NO TORSION
NE+3.45	14	0.00943	16	0.00982	0.00982	0.01155	NO TORSION

3 DISEÑO DE LA ESTRUCTURA

3.1 DISEÑO DE VIGAS Y COLUMNAS

Story	Label	Design Sect	Station m	AsTopComb o	AsMinTop cm²	AsTop cm²	AsBot Combo	AsMinBot cm²	AsBot cm²	VCombo	VRebar cm²/m	TLng Combo	TLngRebar cm²	TTrn Combo	TTrnRebar cm²/m	WarnMsg	ErrMsg
NE+6.80	B1	V12X35	0.000	COMB6	1.100	1.100	COMB6	0.500	0.500	COMB18	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B1	V12X35	2.340	COMB3	0.300	0.300	COMB2	1.200	1.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B1	V12X35	4.680	COMB4	1.200	1.200	COMB4	0.600	0.600	COMB18	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B2	V30X35	0.000	COMB18	0.100	0.100	COMB10	0.100	0.100	COMB10	6.600	COMB12	3.600	COMB6	3.300	No Message	No Message
NE+6.80	B2	V30X35	0.363	COMB9	1.000	1.000	COMB9	0.600	0.600	COMB10	6.900	COMB12	3.600	COMB6	3.300	No Message	No Message
NE+6.80	B2	V30X35	0.725	COMB9	2.000	2.000	COMB9	1.000	1.000	COMB10	7.200	COMB12	3.600	COMB6	3.300	No Message	No Message
NE+6.80	B3	V30X35	0.000	COMB9	0.100	0.100	COMB9	0.100	0.100	COMB10	6.600	COMB14	3.600	COMB4	3.300	No Message	No Message
NE+6.80	B3	V30X35	0.363	COMB10	1.000	1.000	COMB10	0.600	0.600	COMB10	6.900	COMB14	3.600	COMB4	3.300	No Message	No Message
NE+6.80	B3	V30X35	0.725	COMB10	2.000	2.000	COMB10	1.000	1.000	COMB10	7.200	COMB14	3.600	COMB4	3.300	No Message	No Message
NE+6.80	B4	V30X35	0.225	COMB5	2.400	2.400	COMB12	1.700	1.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B4	V30X35	2.340	COMB13	0.400	0.400	COMB13	0.400	0.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B4	V30X35	4.455	COMB4	2.400	2.400	COMB13	1.700	1.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B5	V30X35	0.225	COMB10	3.100	3.100	COMB16	1.600	1.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B5	V30X35	1.575	COMB10	0.700	0.700	COMB10	0.700	0.700	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B5	V30X35	2.925	COMB8	2.300	2.300	COMB18	2.300	2.300	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B6	V30X35	0.225	COMB10	3.000	3.000	COMB16	1.300	1.300	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B6	V30X35	1.575	COMB9	0.700	0.700	COMB9	0.700	0.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B6	V30X35	2.925	COMB8	2.200	2.200	COMB18	1.800	1.800	COMB16	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B7	V30X35	0.225	COMB6	3.100	3.100	COMB11	1.500	1.500	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B7	V30X35	2.015	COMB13	0.500	0.500	COMB2	0.700	0.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B7	V30X35	3.805	COMB4	3.100	3.100	COMB13	1.400	1.400	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B8	V30X35	0.225	COMB6	3.100	3.100	COMB5	0.800	0.800	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B8	V30X35	2.340	COMB11	0.600	0.600	COMB2	1.400	1.400	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B8	V30X35	4.455	COMB12	3.100	3.100	COMB3	1.200	1.200	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B9	V30X35	0.225	COMB9	2.400	2.400	COMB16	1.300	1.300	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B9	V30X35	1.775	COMB9	0.500	0.500	COMB2	0.500	0.500	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B9	V30X35	3.325	COMB8	2.200	2.200	COMB17	1.300	1.300	COMB8	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B10	V30X35	0.225	COMB10	2.500	2.500	COMB15	1.100	1.100	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B10	V30X35	1.775	COMB10	0.500	0.500	COMB2	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B10	V30X35	3.325	COMB7	2.200	2.200	COMB18	1.300	1.300	COMB8	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B11	V30X40	0.225	COMB6	3.600	4.500	COMB6	1.200	1.200	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B11	V30X40	4.355	COMB14	0.400	0.400	COMB2	3.000	3.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B11	V30X40	8.485	COMB3	3.600	4.500	COMB3	1.200	1.200	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B12	V30X35	0.225	COMB9	2.200	2.200	COMB16	1.200	1.200	COMB10	3.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B12	V30X35	1.775	COMB8	0.500	0.500	COMB8	0.500	0.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B12	V30X35	3.325	COMB8	2.200	2.200	COMB17	1.200	1.200	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B13	V30X35	0.225	COMB10	2.400	2.400	COMB15	1.200	1.200	COMB10	3.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B13	V30X35	1.775	COMB7	0.600	0.600	COMB7	0.600	0.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B13	V30X35	3.325	COMB7	2.200	2.200	COMB18	1.200	1.200	COMB10	3.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B14	V30X40	0.225	COMB6	3.600	4.700	COMB6	1.300	1.300	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B14	V30X40	4.355	COMB11	0.400	0.400	COMB2	3.000	3.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B14	V30X40	8.485	COMB3	3.600	4.700	COMB3	1.200	1.200	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B15	V30X35	0.225	COMB9	2.200	2.200	COMB16	1.200	1.200	COMB10	3.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B15	V30X35	1.775	COMB8	0.500	0.500	COMB8	0.500	0.500	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B15	V30X35	3.325	COMB8	2.200	2.200	COMB17	1.100	1.100	COMB10	3.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B16	V30X35	0.225	COMB10	2.300	2.300	COMB15	1.200	1.200	COMB10	3.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B16	V30X35	1.775	COMB7	0.600	0.600	COMB7	0.600	0.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B16	V30X35	3.325	COMB7	2.200	2.200	COMB18	1.200	1.200	COMB10	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B17	V30X40	0.225	COMB5	3.600	4.600	COMB5	1.200	1.200	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B17	V30X40	4.355	COMB13	0.400	0.400	COMB2	3.100	3.100	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B17	V30X40	8.485	COMB4	3.600	4.600	COMB4	1.200	1.200	COMB10	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B18	V30X35	0.225	COMB9	2.100	2.100	COMB15	1.300	1.300	COMB10	3.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B18	V30X35	1.775	COMB8	0.600	0.600	COMB8	0.600	0.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B18	V30X35	3.325	COMB7	2.400	2.400	COMB17	1.200	1.200	COMB10	3.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B19	V30X35	0.225	COMB10	2.200	2.200	COMB15	1.300	1.300	COMB10	3.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B19	V30X35	1.775	COMB7	0.600	0.600	COMB7	0.600	0.600	COMB18	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B19	V30X35	3.325	COMB7	2.300	2.300	COMB18	1.300	1.300	COMB10	3.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B20	V30X35	0.225	COMB6	3.100	3.100	COMB11	1.400	1.400	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B20	V30X35	2.015	COMB14	0.600	0.600	COMB2	0.700	0.700	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B20	V30X35	3.805	COMB3	3.100	3.100	COMB14	1.400	1.400	COMB12	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message

NE+6.80	B21	V30X35	0.225	COMB6	3.100	3.100	COMB11	0.800	0.800	COMB14	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B21	V30X35	2.340	COMB11	0.600	0.600	COMB2	1.000	1.000	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	B21	V30X35	4.455	COMB4	3.100	3.100	COMB3	1.000	1.000	COMB4	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B1	V12X35	0.000	COMB5	1.200	1.200	COMB5	0.600	0.600	COMB18	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B1	V12X35	2.340	COMB5	0.300	0.300	COMB2	1.200	1.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B1	V12X35	4.680	COMB3	1.200	1.200	COMB3	0.600	0.600	COMB18	1.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B2	V35X45	0.000	COMB11	0.000	0.000	COMB5	0.000	0.000	COMB10	3.900	COMB14	5.400	COMB5	2.100	No Message	No Message
NE+3.45	B2	V35X45	0.363	COMB2	0.600	0.600	COMB2	0.300	0.300	COMB10	4.100	COMB14	5.400	COMB5	2.100	No Message	No Message
NE+3.45	B2	V35X45	0.725	COMB2	1.200	1.200	COMB2	0.600	0.600	COMB10	4.300	COMB14	5.400	COMB5	2.100	No Message	No Message
NE+3.45	B3	V35X45	0.000	COMB5	0.000	0.000	COMB11	0.000	0.000	COMB10	3.900	COMB12	5.400	COMB3	2.100	No Message	No Message
NE+3.45	B3	V35X45	0.363	COMB2	0.600	0.600	COMB2	0.300	0.300	COMB10	4.100	COMB12	5.400	COMB3	2.100	No Message	No Message
NE+3.45	B3	V35X45	0.725	COMB2	1.200	1.200	COMB2	0.600	0.600	COMB10	4.300	COMB12	5.400	COMB3	2.100	No Message	No Message
NE+3.45	B4	V35X45	0.225	COMB5	4.800	5.000	COMB11	2.700	2.700	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B4	V35X45	2.340	COMB5	1.300	1.300	COMB2	3.800	3.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B4	V35X45	4.455	COMB3	4.800	4.900	COMB13	2.700	2.700	COMB12	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B5	V35X45	0.225	COMB10	4.800	4.800	COMB16	3.500	3.500	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B5	V35X45	1.575	COMB10	1.000	1.000	COMB10	1.000	1.000	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B5	V35X45	2.925	COMB16	4.300	4.300	COMB10	4.000	4.000	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B6	V35X45	0.225	COMB10	4.600	4.600	COMB16	3.400	3.400	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B6	V35X45	1.575	COMB10	0.900	0.900	COMB10	0.900	0.900	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B6	V35X45	2.925	COMB8	4.000	4.000	COMB18	3.100	3.100	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B7	V35X45	0.225	COMB5	4.800	4.900	COMB11	3.000	3.000	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B7	V35X45	2.015	COMB3	1.400	1.400	COMB2	3.000	3.000	COMB6	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B7	V35X45	3.805	COMB3	4.800	5.400	COMB13	2.400	2.400	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B8	V35X45	0.225	COMB5	4.800	6.400	COMB5	2.700	2.700	COMB6	3.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B8	V35X45	2.340	COMB5	1.600	1.600	COMB2	4.800	4.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B8	V35X45	4.455	COMB3	4.800	6.000	COMB3	2.600	2.600	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B9	V35X45	0.225	COMB9	4.400	4.400	COMB15	3.000	3.000	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B9	V35X45	1.775	COMB9	0.900	0.900	COMB9	0.900	0.900	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B9	V35X45	3.325	COMB7	4.000	4.000	COMB17	2.700	2.700	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B10	V35X45	0.225	COMB10	4.000	4.000	COMB16	2.400	2.400	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B10	V35X45	1.775	COMB10	0.800	0.800	COMB10	0.800	0.800	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B10	V35X45	3.325	COMB8	3.700	3.700	COMB18	2.600	2.600	COMB16	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B11	V35X45	0.225	COMB2	4.800	21.300	COMB2	4.800	6.300	COMB2	11.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B11	V35X45	4.355	COMB2	4.800	4.800	COMB2	4.800	20.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B11	V35X45	8.485	COMB2	4.800	21.300	COMB2	4.800	6.300	COMB2	11.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B12	V35X45	0.225	COMB9	3.900	3.900	COMB15	2.400	2.400	COMB10	5.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B12	V35X45	1.775	COMB9	1.000	1.000	COMB9	1.000	1.000	COMB10	3.400	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B12	V35X45	3.325	COMB7	3.800	3.800	COMB17	2.500	2.500	COMB10	4.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B13	V35X45	0.225	COMB10	4.000	4.000	COMB16	2.500	2.500	COMB10	5.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B13	V35X45	1.775	COMB10	1.000	1.000	COMB10	1.000	1.000	COMB10	3.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B13	V35X45	3.325	COMB8	3.800	3.800	COMB18	2.600	2.600	COMB10	5.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B14	V35X45	0.225	COMB2	4.800	21.300	COMB2	4.800	6.300	COMB2	11.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B14	V35X45	4.355	COMB2	4.800	4.800	COMB2	4.800	20.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B14	V35X45	8.485	COMB2	4.800	21.300	COMB2	4.800	6.300	COMB2	11.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B15	V35X45	0.225	COMB9	4.000	4.000	COMB15	2.500	2.500	COMB10	5.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B15	V35X45	1.775	COMB9	1.000	1.000	COMB9	1.000	1.000	COMB10	3.400	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B15	V35X45	3.325	COMB7	3.800	3.800	COMB17	2.500	2.500	COMB10	4.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B16	V35X45	0.225	COMB10	4.000	4.000	COMB16	2.400	2.400	COMB10	5.100	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B16	V35X45	1.775	COMB10	1.000	1.000	COMB10	1.000	1.000	COMB10	3.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B16	V35X45	3.325	COMB8	3.800	3.800	COMB18	2.600	2.600	COMB10	4.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B17	V35X45	0.225	COMB2	4.800	21.300	COMB2	4.800	6.300	COMB2	11.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B17	V35X45	4.355	COMB2	4.800	4.800	COMB2	4.800	20.600	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B17	V35X45	8.485	COMB2	4.800	21.300	COMB2	4.800	6.300	COMB2	11.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B18	V35X45	0.225	COMB9	4.100	4.100	COMB15	2.600	2.600	COMB10	5.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B18	V35X45	1.775	COMB7	1.000	1.000	COMB7	1.000	1.000	COMB10	3.800	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B18	V35X45	3.325	COMB7	4.200	4.200	COMB17	3.100	3.100	COMB10	5.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B19	V35X45	0.225	COMB10	4.200	4.200	COMB16	2.600	2.600	COMB10	5.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B19	V35X45	1.775	COMB10	1.000	1.000	COMB10	1.000	1.000	COMB10	3.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B19	V35X45	3.325	COMB8	4.200	4.200	COMB18	3.100	3.100	COMB10	5.300	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B20	V35X45	0.225	COMB6	4.800	5.100	COMB12	3.300	3.300	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B20	V35X45	2.015	COMB4	1.400	1.400	COMB2	3.000	3.000	COMB14	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B20	V35X45	3.805	COMB4	4.800	5.600	COMB14	2.600	2.600	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B21	V35X45	0.225	COMB6	4.800	6.000	COMB6	2.600	2.600	COMB17	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B21	V35X45	2.340	COMB6	1.500	1.500	COMB2	4.200	4.200	COMB18	0.000	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	B21	V35X45	4.455	COMB4	4.800	5.700	COMB4	2.400	2.400	COMB18	2.900	COMB18	0.000	COMB18	0.000	No Message	No Message

Story	Label	Design Sect	Station	DesignOpt	PMMCombo	AsMin	As	Mid Bar As	Corner BarAs	Vmaj Combo	VMajRebar	Vmin Combo	VMinRebar	WarnMsg	ErrMsg
			m			cm²	cm²	cm²	cm²		cm²/m		cm²/m		
NE+6.80	C1	C45X45	0.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C1	C45X45	1.500	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C1	C45X45	3.000	Design	COMB8	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C2	C45X45	0.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C2	C45X45	1.500	Design	COMB4	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C2	C45X45	3.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C3	C45X45	0.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C3	C45X45	1.500	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C3	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C4	C45X45	0.000	Design	COMB17	20.300	20.300	2.500	2.500	COMB18	3.800	COMB18	3.800	No Message	No Message
NE+6.80	C4	C45X45	1.500	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	3.800	COMB18	3.800	No Message	No Message
NE+6.80	C4	C45X45	3.000	Design	COMB17	20.300	20.300	2.500	2.500	COMB18	3.800	COMB18	3.800	No Message	No Message
NE+6.80	C5	C45X45	0.000	Design	COMB10	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C5	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C5	C45X45	3.000	Design	COMB10	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C6	C45X45	0.000	Design	COMB2	20.300	24.200	3.000	3.000	COMB9	3.800	COMB18	0.000	No Message	No Message
NE+6.80	C6	C45X45	1.475	Design	COMB2	20.300	20.300	2.500	2.500	COMB10	3.800	COMB18	0.000	No Message	No Message
NE+6.80	C6	C45X45	2.950	Design	COMB5	20.300	20.300	2.500	2.500	COMB10	3.800	COMB18	0.000	No Message	No Message
NE+6.80	C7	C45X45	0.000	Design	COMB2	20.300	24.100	3.000	3.000	COMB10	3.800	COMB18	0.000	No Message	No Message
NE+6.80	C7	C45X45	1.475	Design	COMB2	20.300	20.300	2.500	2.500	COMB10	3.800	COMB18	0.000	No Message	No Message
NE+6.80	C7	C45X45	2.950	Design	COMB4	20.300	20.300	2.500	2.500	COMB10	3.800	COMB18	0.000	No Message	No Message

NE+6.80	C8	C45X45	0.000	Design	COMB5	20.300	24.600	3.100	3.100	COMB9	3.800	COMB18	0.000	No Message	No Message
NE+6.80	C8	C45X45	1.475	Design	COMB2	20.300	20.300	2.500	2.500	COMB9	3.800	COMB18	0.000	No Message	No Message
NE+6.80	C8	C45X45	2.950	Design	COMB5	20.300	20.300	2.500	2.500	COMB9	3.800	COMB18	0.000	No Message	No Message
NE+6.80	C9	C45X45	0.000	Design	COMB4	20.300	24.600	3.100	3.100	COMB10	3.800	COMB18	0.000	No Message	No Message
NE+6.80	C9	C45X45	1.475	Design	COMB2	20.300	20.300	2.500	2.500	COMB10	3.800	COMB18	0.000	No Message	No Message
NE+6.80	C9	C45X45	2.950	Design	COMB4	20.300	20.300	2.500	2.500	COMB10	3.800	COMB18	0.000	No Message	No Message
NE+6.80	C10	C45X45	0.000	Design	COMB2	20.300	24.300	3.000	3.000	COMB10	3.800	COMB18	0.000	No Message	No Message
NE+6.80	C10	C45X45	1.475	Design	COMB2	20.300	20.300	2.500	2.500	COMB10	3.800	COMB18	0.000	No Message	No Message
NE+6.80	C10	C45X45	2.950	Design	COMB5	20.300	20.300	2.500	2.500	COMB10	3.800	COMB18	0.000	No Message	No Message
NE+6.80	C11	C45X45	0.000	Design	COMB2	20.300	24.300	3.000	3.000	COMB10	3.800	COMB18	0.000	No Message	No Message
NE+6.80	C11	C45X45	1.475	Design	COMB2	20.300	20.300	2.500	2.500	COMB10	3.800	COMB18	0.000	No Message	No Message
NE+6.80	C11	C45X45	2.950	Design	COMB4	20.300	20.300	2.500	2.500	COMB10	3.800	COMB18	0.000	No Message	No Message
NE+6.80	C12	C45X45	0.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C12	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C12	C45X45	3.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C13	C45X45	0.000	Design	COMB17	20.300	20.300	2.500	2.500	COMB18	3.800	COMB18	3.800	No Message	No Message
NE+6.80	C13	C45X45	1.500	Design	COMB9	20.300	20.300	2.500	2.500	COMB18	3.800	COMB18	3.800	No Message	No Message
NE+6.80	C13	C45X45	3.000	Design	COMB13	20.300	20.300	2.500	2.500	COMB18	3.800	COMB18	3.800	No Message	No Message
NE+6.80	C14	C45X45	0.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C14	C45X45	1.500	Design	COMB2	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+6.80	C14	C45X45	3.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C1	C45X45	0.000	Design	COMB11	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C1	C45X45	1.500	Design	COMB11	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C1	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C2	C45X45	0.000	Design	COMB14	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C2	C45X45	1.500	Design	COMB14	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C2	C45X45	3.000	Design	COMB7	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C3	C45X45	0.000	Design	COMB11	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C3	C45X45	1.500	Design	COMB11	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C3	C45X45	3.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C4	C45X45	0.000	Design	COMB13	20.300	20.300	2.500	2.500	COMB13	4.500	COMB18	3.800	No Message	No Message
NE+3.45	C4	C45X45	1.500	Design	COMB4	20.300	20.300	2.500	2.500	COMB13	4.500	COMB18	3.800	No Message	No Message
NE+3.45	C4	C45X45	3.000	Design	COMB17	20.300	20.300	2.500	2.500	COMB13	4.500	COMB18	3.800	No Message	No Message
NE+3.45	C5	C45X45	0.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C5	C45X45	1.500	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C5	C45X45	3.000	Design	COMB10	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C6	C45X45	0.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C6	C45X45	1.500	Design	COMB3	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C6	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C7	C45X45	0.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C7	C45X45	1.500	Design	COMB5	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C7	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C8	C45X45	0.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C8	C45X45	1.500	Design	COMB4	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C8	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C9	C45X45	0.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C9	C45X45	1.500	Design	COMB6	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C9	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C10	C45X45	0.000	Design	COMB5	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C10	C45X45	1.500	Design	COMB4	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C10	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB14	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C11	C45X45	0.000	Design	COMB4	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C11	C45X45	1.500	Design	COMB6	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C11	C45X45	3.000	Design	COMB2	20.300	20.300	2.500	2.500	COMB12	3.800	COMB18	0.000	No Message	No Message
NE+3.45	C12	C45X45	0.000	Design	COMB12	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C12	C45X45	1.500	Design	COMB12	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C12	C45X45	3.000	Design	COMB6	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C13	C45X45	0.000	Design	COMB14	20.300	20.300	2.500	2.500	COMB14	5.300	COMB18	3.800	No Message	No Message
NE+3.45	C13	C45X45	1.500	Design	COMB4	20.300	20.300	2.500	2.500	COMB6	5.400	COMB18	3.800	No Message	No Message
NE+3.45	C13	C45X45	3.000	Design	COMB17	20.300	20.300	2.500	2.500	COMB6	5.400	COMB18	3.800	No Message	No Message
NE+3.45	C14	C45X45	0.000	Design	COMB12	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C14	C45X45	1.500	Design	COMB13	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message
NE+3.45	C14	C45X45	3.000	Design	COMB3	20.300	20.300	2.500	2.500	COMB18	0.000	COMB18	0.000	No Message	No Message

3.2 REVISIÓN COLUMNA FUERTE – VIGA DÉBIL

Story	Label	DesignSect	BCMaj Combo	BCMajRatio	BCMin Combo	BCMinRatio	JSMaj Combo	JSMajRatio	JSMin Combo	JSMinRatio	WarnMsg	ErrMsg
NE+6.80	C1	C45X45	COMB14	0.870	COMB14	0.462	COMB3	0.900	COMB3	0.647	No Message	No Message
NE+6.80	C2	C45X45	COMB12	0.814	COMB12	0.489	COMB3	0.966	COMB3	0.716	No Message	No Message
NE+6.80	C3	C45X45	COMB13	0.431	COMB13	0.416	COMB3	0.453	COMB3	0.544	No Message	No Message
NE+6.80	C4	C45X45	COMB12	0.432	COMB12	0.239	COMB3	0.435	COMB3	0.295	No Message	No Message
NE+6.80	C5	C45X45	COMB13	0.586	COMB13	0.468	COMB3	0.625	COMB3	0.684	No Message	No Message
NE+6.80	C6	C45X45	COMB18	0.529	COMB18	0.484	COMB3	0.560	COMB3	0.713	No Message	No Message
NE+6.80	C7	C45X45	COMB13	0.394	COMB13	0.318	COMB3	0.391	COMB3	0.401	No Message	No Message
NE+6.80	C8	C45X45	COMB11	0.459	COMB11	0.360	COMB3	0.484	COMB3	0.481	No Message	No Message
NE+6.80	C9	C45X45	COMB16	0.577	COMB16	0.480	COMB3	0.677	COMB3	0.797	No Message	No Message
NE+6.80	C10	C45X45	COMB15	0.524	COMB15	0.495	COMB3	0.609	COMB3	0.828	No Message	No Message
NE+6.80	C11	C45X45	COMB14	0.423	COMB14	0.385	COMB3	0.438	COMB3	0.517	No Message	No Message

NE+6.80	C12	C45X45	COMB12	0.551	COMB12	0.459	COMB3	0.622	COMB3	0.634	No Message	No Message
NE+6.80	C13	C45X45	COMB13	0.906	COMB13	0.498	COMB3	0.917	COMB3	0.795	No Message	No Message
NE+6.80	C14	C45X45	COMB11	0.827	COMB11	0.516	COMB3	0.910	COMB3	0.856	No Message	No Message
NE+3.45	C1	C45X45	COMB14	0.545	COMB14	0.545	COMB3	0.609	COMB3	0.754	No Message	No Message
NE+3.45	C2	C45X45	COMB12	0.580	COMB12	0.396	COMB3	0.656	COMB3	0.533	No Message	No Message
NE+3.45	C3	C45X45	COMB14	0.909	COMB14	0.524	COMB3	0.917	COMB3	0.840	No Message	No Message
NE+3.45	C4	C45X45	COMB12	0.829	COMB12	0.547	COMB3	0.911	COMB3	0.912	No Message	No Message
NE+3.45	C5	C45X45	COMB13	0.547	COMB13	0.537	COMB3	0.617	COMB3	0.749	No Message	No Message
NE+3.45	C6	C45X45	COMB12	0.540	COMB12	0.286	COMB3	0.580	COMB3	0.370	No Message	No Message
NE+3.45	C7	C45X45	COMB13	0.687	COMB13	0.484	COMB3	0.815	COMB3	0.798	No Message	No Message
NE+3.45	C8	C45X45	COMB18	0.637	COMB18	0.497	COMB3	0.752	COMB3	0.828	No Message	No Message
NE+3.45	C9	C45X45	COMB13	0.509	COMB13	0.387	COMB3	0.537	COMB3	0.516	No Message	No Message
NE+3.45	C10	C45X45	COMB11	0.539	COMB11	0.416	COMB3	0.590	COMB3	0.577	No Message	No Message
NE+3.45	C11	C45X45	COMB16	0.648	COMB16	0.485	COMB3	0.832	COMB3	0.890	No Message	No Message
NE+3.45	C12	C45X45	COMB15	0.601	COMB15	0.497	COMB3	0.762	COMB3	0.916	No Message	No Message
NE+3.45	C13	C45X45	COMB14	0.504	COMB14	0.444	COMB3	0.541	COMB3	0.618	No Message	No Message
NE+3.45	C14	C45X45	COMB12	0.645	COMB12	0.505	COMB3	0.775	COMB3	0.735	No Message	No Message

3.3 REVISIÓN CORTANTE PLÁSTICO

Story	Label	DesignSec t	Station m	AsTopComb o	AsMinTop cm²	AsTop cm²	AsBotCom bo	AsMinBot cm²	AsBot cm²	VCombo	VRebar cm²/m	TLngComb o	TLngRebar cm²	TTrnCom bo	TTrnRebar cm²/m	WarnMsg	ErrMsg
NE+6.80	B1	V12X35	0.000	CORPL6	1.200	1.200	CORPL6	0.600	0.600	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B1	V12X35	2.340	CORPL3	0.300	0.300	CORPL3	1.200	1.300	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B1	V12X35	4.680	CORPL4	1.200	1.200	CORPL4	0.600	0.600	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B2	V30X35	0.000	CORPL18	0.100	0.100	CORPL10	0.100	0.100	CORPL10	6.900	CORPL18	3.500	CORPL6	3.700	No Message	No Message
NE+6.80	B2	V30X35	0.363	CORPL9	1.000	1.000	CORPL9	0.600	0.600	CORPL10	7.100	CORPL18	3.500	CORPL6	3.700	No Message	No Message
NE+6.80	B2	V30X35	0.725	CORPL9	2.000	2.000	CORPL9	1.100	1.100	CORPL10	7.400	CORPL18	3.500	CORPL6	3.700	No Message	No Message
NE+6.80	B3	V30X35	0.000	CORPL9	0.100	0.100	CORPL9	0.100	0.100	CORPL10	6.900	CORPL16	3.500	CORPL4	3.700	No Message	No Message
NE+6.80	B3	V30X35	0.363	CORPL10	1.000	1.000	CORPL10	0.600	0.600	CORPL10	7.200	CORPL16	3.500	CORPL4	3.700	No Message	No Message
NE+6.80	B3	V30X35	0.725	CORPL10	2.100	2.100	CORPL10	1.100	1.100	CORPL10	7.400	CORPL16	3.500	CORPL4	3.700	No Message	No Message
NE+6.80	B4	V30X35	0.225	CORPL14	3.100	3.100	CORPL12	2.700	2.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B4	V30X35	2.340	CORPL13	0.600	0.600	CORPL13	0.600	0.600	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B4	V30X35	4.455	CORPL12	3.100	3.100	CORPL13	2.700	2.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B5	V30X35	0.225	CORPL10	3.100	3.400	CORPL16	2.600	2.600	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B5	V30X35	1.575	CORPL10	0.900	0.900	CORPL10	0.900	0.900	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B5	V30X35	2.925	CORPL16	3.100	3.100	CORPL18	3.100	3.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B6	V30X35	0.225	CORPL18	3.100	3.100	CORPL16	2.200	2.200	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B6	V30X35	1.575	CORPL9	0.900	0.900	CORPL9	0.900	0.900	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B6	V30X35	2.925	CORPL8	3.000	3.000	CORPL18	2.700	2.700	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B7	V30X35	0.225	CORPL5	3.100	3.300	CORPL11	2.600	2.600	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B7	V30X35	2.015	CORPL13	0.700	0.700	CORPL13	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B7	V30X35	3.805	CORPL3	3.100	3.200	CORPL13	2.500	2.500	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B8	V30X35	0.225	CORPL5	3.100	3.400	CORPL11	1.800	1.800	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B8	V30X35	2.340	CORPL11	0.900	0.900	CORPL4	1.200	1.200	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B8	V30X35	4.455	CORPL3	3.100	3.800	CORPL3	1.600	1.600	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B9	V30X35	0.225	CORPL17	3.100	3.100	CORPL16	2.100	2.100	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B9	V30X35	1.775	CORPL9	0.700	0.700	CORPL9	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B9	V30X35	3.325	CORPL8	3.000	3.000	CORPL17	2.100	2.100	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B10	V30X35	0.225	CORPL10	3.100	3.100	CORPL15	1.900	1.900	CORPL18	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B10	V30X35	1.775	CORPL10	0.700	0.700	CORPL10	0.700	0.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B10	V30X35	3.325	CORPL7	3.000	3.000	CORPL18	2.100	2.100	CORPL16	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B11	V30X40	0.225	CORPL6	3.600	5.300	CORPL6	1.500	1.500	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B11	V30X40	4.355	CORPL14	0.600	0.600	CORPL8	1.700	1.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B11	V30X40	8.485	CORPL3	3.600	5.300	CORPL3	1.500	1.500	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B12	V30X35	0.225	CORPL9	3.000	3.000	CORPL16	2.000	2.000	CORPL10	3.800	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B12	V30X35	1.775	CORPL8	0.700	0.700	CORPL8	0.700	0.700	CORPL10	2.600	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B12	V30X35	3.325	CORPL8	3.000	3.000	CORPL17	2.000	2.000	CORPL10	3.800	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B13	V30X35	0.225	CORPL10	3.100	3.100	CORPL15	2.000	2.000	CORPL10	3.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B13	V30X35	1.775	CORPL7	0.800	0.800	CORPL7	0.800	0.800	CORPL10	2.700	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B13	V30X35	3.325	CORPL7	3.000	3.000	CORPL18	2.000	2.000	CORPL10	3.700	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B14	V30X40	0.225	CORPL6	3.600	5.600	CORPL6	1.600	1.600	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B14	V30X40	4.355	CORPL11	0.600	0.600	CORPL7	1.700	1.700	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B14	V30X40	8.485	CORPL3	3.600	5.500	CORPL3	1.600	1.600	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B15	V30X35	0.225	CORPL9	3.000	3.000	CORPL16	2.100	2.100	CORPL10	3.800	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B15	V30X35	1.775	CORPL8	0.800	0.800	CORPL8	0.800	0.800	CORPL10	2.700	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B15	V30X35	3.325	CORPL8	3.100	3.100	CORPL17	1.900	1.900	CORPL10	3.800	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B16	V30X35	0.225	CORPL10	3.000	3.000	CORPL15	2.000	2.000	CORPL10	3.800	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B16	V30X35	1.775	CORPL7	0.800	0.800	CORPL7	0.800	0.800	CORPL10	2.700	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B16	V30X35	3.325	CORPL7	3.000	3.000	CORPL18	1.900	1.900	CORPL10	3.700	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B17	V30X40	0.225	CORPL5	3.600	5.400	CORPL5	1.500	1.500	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B17	V30X40	4.355	CORPL12	0.600	0.600	CORPL10	1.800	1.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B17	V30X40	8.485	CORPL4	3.600	5.400	CORPL4	1.500	1.500	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B18	V30X35	0.225	CORPL9	2.900	2.900	CORPL15	2.200	2.200	CORPL10	3.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B18	V30X35	1.775	CORPL8	0.900	0.900	CORPL8	0.900	0.900	CORPL18	2.800	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B18	V30X35	3.325	CORPL16	3.100	3.100	CORPL17	2.000	2.000	CORPL10	3.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B19	V30X35	0.225	CORPL10	3.000	3.000	CORPL15	2.100	2.100	CORPL10	3.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B19	V30X35	1.775	CORPL7	0.900	0.900	CORPL7	0.900	0.900	CORPL10	2.800	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B19	V30X35	3.325	CORPL8	3.100	3.100	CORPL18	2.000	2.000	CORPL10	3.800	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B20	V30X35	0.225	CORPL6	3.100	3.300	CORPL11	2.400	2.400	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B20	V30X35	2.015	CORPL14	0.800	0.800	CORPL14	0.800	0.800	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B20	V30X35	3.805	CORPL12	3.100	3.100	CORPL14	2.500	2.500	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B21	V30X35	0.225	CORPL14	3.100	3.100	CORPL11	1.800	1.800	CORPL14	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B21	V30X35	2.340	CORPL11	0.800	0.800	CORPL3	1.000	1.000	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+6.80	B21	V30X35	4.455	CORPL3	3.100	3.400	CORPL14	1.600	1.600	CORPL12	2.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B1	V12X35	0.000	CORPL6	1.200	1.200	CORPL5	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B1	V12X35	2.340	CORPL5	0.300	0.300	CORPL6	1.100	1.100	CORPL18	1.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B1	V12X35	4.680	CORPL4	1.200	1.200	CORPL3	0.700	0.700	CORPL18	1.300	CORPL18	0.000	CORPL18	0.000	No Message	No Message

NE+3.45	B2	V35X45	0.000	CORPL11	0.000	0.000	CORPL5	0.000	0.000	CORPL10	3.700	CORPL17	5.400	CORPL5	2.400	No Message	No Message
NE+3.45	B2	V35X45	0.363	CORPL5	0.500	0.500	CORPL5	0.300	0.300	CORPL10	3.900	CORPL17	5.400	CORPL5	2.400	No Message	No Message
NE+3.45	B2	V35X45	0.725	CORPL5	1.200	1.200	CORPL5	0.600	0.600	CORPL10	4.100	CORPL17	5.400	CORPL5	2.400	No Message	No Message
NE+3.45	B3	V35X45	0.000	CORPL5	0.000	0.000	CORPL11	0.000	0.000	CORPL10	3.700	CORPL18	5.400	CORPL3	2.400	No Message	No Message
NE+3.45	B3	V35X45	0.363	CORPL3	0.500	0.500	CORPL3	0.300	0.300	CORPL10	3.900	CORPL18	5.400	CORPL3	2.400	No Message	No Message
NE+3.45	B3	V35X45	0.725	CORPL3	1.200	1.200	CORPL3	0.600	0.600	CORPL10	4.100	CORPL18	5.400	CORPL3	2.400	No Message	No Message
NE+3.45	B4	V35X45	0.225	CORPL5	4.800	6.400	CORPL11	4.600	4.600	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B4	V35X45	2.340	CORPL5	1.600	1.600	CORPL6	2.300	2.300	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B4	V35X45	4.455	CORPL3	4.800	6.400	CORPL13	4.600	4.600	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B5	V35X45	0.225	CORPL10	4.800	5.400	CORPL16	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B5	V35X45	1.575	CORPL10	1.400	1.400	CORPL10	1.400	1.400	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B5	V35X45	2.925	CORPL16	4.800	4.800	CORPL18	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B6	V35X45	0.225	CORPL10	4.800	4.900	CORPL16	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B6	V35X45	1.575	CORPL10	1.300	1.300	CORPL10	1.300	1.300	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B6	V35X45	2.925	CORPL16	4.800	4.800	CORPL18	4.800	4.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B7	V35X45	0.225	CORPL5	4.800	6.500	CORPL12	4.800	4.800	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B7	V35X45	2.015	CORPL3	1.800	1.800	CORPL3	2.200	2.200	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B7	V35X45	3.805	CORPL3	4.800	7.000	CORPL13	4.200	4.200	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B8	V35X45	0.225	CORPL5	4.800	7.800	CORPL5	3.300	3.300	CORPL6	3.800	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B8	V35X45	2.340	CORPL5	2.000	2.000	CORPL5	3.700	3.700	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B8	V35X45	4.455	CORPL3	4.800	7.500	CORPL13	3.900	3.900	CORPL4	3.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B9	V35X45	0.225	CORPL18	4.800	4.800	CORPL15	4.700	4.700	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B9	V35X45	1.775	CORPL9	1.200	1.200	CORPL9	1.200	1.200	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B9	V35X45	3.325	CORPL16	4.800	4.800	CORPL17	4.200	4.200	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B10	V35X45	0.225	CORPL18	4.800	4.800	CORPL16	3.800	3.800	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B10	V35X45	1.775	CORPL10	1.100	1.100	CORPL10	1.100	1.100	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B10	V35X45	3.325	CORPL16	4.800	4.800	CORPL18	4.100	4.100	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B11	V35X45	0.225	CORPL5	4.800	20.700	CORPL5	4.800	6.100	CORPL5	9.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B11	V35X45	4.355	CORPL6	4.800	4.800	CORPL5	4.800	10.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B11	V35X45	8.485	CORPL3	4.800	20.700	CORPL3	4.800	6.100	CORPL3	9.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B12	V35X45	0.225	CORPL18	4.800	4.800	CORPL15	3.900	3.900	CORPL10	6.100	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B12	V35X45	1.775	CORPL9	1.300	1.300	CORPL9	1.300	1.300	CORPL10	4.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B12	V35X45	3.325	CORPL16	4.800	4.800	CORPL17	4.000	4.000	CORPL10	6.100	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B13	V35X45	0.225	CORPL18	4.800	4.800	CORPL16	3.900	3.900	CORPL10	6.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B13	V35X45	1.775	CORPL10	1.400	1.400	CORPL10	1.400	1.400	CORPL10	4.600	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B13	V35X45	3.325	CORPL16	4.800	4.800	CORPL18	4.100	4.100	CORPL10	6.100	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B14	V35X45	0.225	CORPL6	4.800	20.900	CORPL6	4.800	6.200	CORPL6	9.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B14	V35X45	4.355	CORPL6	4.800	4.800	CORPL9	4.800	10.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B14	V35X45	8.485	CORPL4	4.800	20.900	CORPL4	4.800	6.200	CORPL4	9.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B15	V35X45	0.225	CORPL18	4.800	4.800	CORPL15	3.900	3.900	CORPL10	6.100	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B15	V35X45	1.775	CORPL9	1.300	1.300	CORPL9	1.300	1.300	CORPL10	4.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B15	V35X45	3.325	CORPL16	4.800	4.800	CORPL17	4.000	4.000	CORPL10	6.100	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B16	V35X45	0.225	CORPL18	4.800	4.800	CORPL16	3.900	3.900	CORPL10	6.200	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B16	V35X45	1.775	CORPL10	1.400	1.400	CORPL10	1.400	1.400	CORPL10	4.600	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B16	V35X45	3.325	CORPL16	4.800	4.800	CORPL18	4.100	4.100	CORPL10	6.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B17	V35X45	0.225	CORPL6	4.800	20.800	CORPL6	4.800	6.200	CORPL6	9.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B17	V35X45	4.355	CORPL6	4.800	4.800	CORPL8	4.800	10.500	CORPL18	0.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B17	V35X45	8.485	CORPL4	4.800	20.800	CORPL4	4.800	6.200	CORPL4	9.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B18	V35X45	0.225	CORPL18	4.800	4.800	CORPL15	4.200	4.200	CORPL10	6.500	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B18	V35X45	1.775	CORPL7	1.500	1.500	CORPL7	1.500	1.500	CORPL10	4.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B18	V35X45	3.325	CORPL16	4.800	4.800	CORPL17	4.800	4.800	CORPL10	6.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B19	V35X45	0.225	CORPL18	4.800	4.800	CORPL16	4.200	4.200	CORPL10	6.600	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B19	V35X45	1.775	CORPL8	1.400	1.400	CORPL8	1.400	1.400	CORPL10	5.000	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B19	V35X45	3.325	CORPL16	4.800	4.800	CORPL18	4.800	4.800	CORPL10	6.400	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B20	V35X45	0.225	CORPL6	4.800	6.800	CORPL12	4.800	4.800	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B20	V35X45	2.015	CORPL4	1.800	1.800	CORPL4	2.300	2.300	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B20	V35X45	3.805	CORPL4	4.800	7.200	CORPL14	4.600	4.600	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B21	V35X45	0.225	CORPL6	4.800	7.400	CORPL12	3.400	3.400	CORPL17	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B21	V35X45	2.340	CORPL6	1.900	1.900	CORPL6	3.100	3.100	CORPL14	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message
NE+3.45	B21	V35X45	4.455	CORPL4	4.800	7.200	CORPL14	4.200	4.200	CORPL18	2.900	CORPL18	0.000	CORPL18	0.000	No Message	No Message

Story	Label	Design Sect	Station	DesignOpt	PMMCombo	AsMin	As	Mid Bar As	Corner BarAs	Vmaj Combo	VMajRebar	Vmin Combo	VMinRebar	WarnMsg	ErrMsg
			m			cm²	cm²	cm²	cm²		cm²/m		cm²/m		
NE+6.80	C1	C45X45	0.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C1	C45X45	1.500	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C1	C45X45	3.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C2	C45X45	0.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C2	C45X45	1.500	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C2	C45X45	3.000	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C3	C45X45	0.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C3	C45X45	1.500	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C3	C45X45	3.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C4	C45X45	0.000	Design	CORPL18-1	20.300	22.700	2.800	2.800	CORPL5-1	6.600	CORPL18-1	3.800	No Message	No Message
NE+6.80	C4	C45X45	1.500	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL5-1	6.600	CORPL18-1	3.800	No Message	No Message
NE+6.80	C4	C45X45	3.000	Design	CORPL17-1	20.300	20.300	2.500	2.500	CORPL5-1	6.600	CORPL18-1	3.800	No Message	No Message
NE+6.80	C5	C45X45	0.000	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C5	C45X45	1.500	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C5	C45X45	3.000	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C6	C45X45	0.000	Design	CORPL6-1	20.300	29.700	3.700	3.700	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C6	C45X45	1.475	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C6	C45X45	2.950	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C7	C45X45	0.000	Design	CORPL4-1	20.300	29.600	3.700	3.700	CORPL12-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C7	C45X45	1.475	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL12-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C7	C45X45	2.950	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL12-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C8	C45X45	0.000	Design	CORPL6-1	20.300	31.400	3.900	3.900	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C8	C45X45	1.475	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C8	C45X45	2.950	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message

NE+6.80	C9	C45X45	0.000	Design	CORPL4-1	20.300	31.400	3.900	3.900	CORPL12-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C9	C45X45	1.475	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL12-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C9	C45X45	2.950	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL12-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C10	C45X45	0.000	Design	CORPL5-1	20.300	28.900	3.600	3.600	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C10	C45X45	1.475	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C10	C45X45	2.950	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C11	C45X45	0.000	Design	CORPL3-1	20.300	28.800	3.600	3.600	CORPL12-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C11	C45X45	1.475	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL12-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C11	C45X45	2.950	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL12-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+6.80	C12	C45X45	0.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C12	C45X45	1.500	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C12	C45X45	3.000	Design	CORPL6-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C13	C45X45	0.000	Design	CORPL17-1	20.300	20.300	2.500	2.500	CORPL6-1	5.700	CORPL18-1	3.800	No Message	No Message
NE+6.80	C13	C45X45	1.500	Design	CORPL9-1	20.300	20.300	2.500	2.500	CORPL6-1	5.700	CORPL18-1	3.800	No Message	No Message
NE+6.80	C13	C45X45	3.000	Design	CORPL13-1	20.300	20.300	2.500	2.500	CORPL6-1	5.700	CORPL18-1	3.800	No Message	No Message
NE+6.80	C14	C45X45	0.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C14	C45X45	1.500	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+6.80	C14	C45X45	3.000	Design	CORPL3-1	20.300	20.300	2.500	2.500	CORPL18-1	0.000	CORPL18-1	0.000	No Message	No Message
NE+3.45	C1	C45X45	0.000	Design	CORPL11-1	20.300	32.200	4.000	4.000	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C1	C45X45	1.500	Design	CORPL11-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C1	C45X45	3.000	Design	CORPL15-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C2	C45X45	0.000	Design	CORPL14-1	20.300	32.200	4.000	4.000	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C2	C45X45	1.500	Design	CORPL14-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C2	C45X45	3.000	Design	CORPL16-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C3	C45X45	0.000	Design	CORPL11-1	20.300	33.600	4.200	4.200	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C3	C45X45	1.500	Design	CORPL11-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C3	C45X45	3.000	Design	CORPL5-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C4	C45X45	0.000	Design	CORPL13-1	20.300	34.800	4.300	4.300	CORPL13-1	9.700	CORPL17-1	6.800	No Message	No Message
NE+3.45	C4	C45X45	1.500	Design	CORPL13-1	20.300	20.300	2.500	2.500	CORPL13-1	9.700	CORPL17-1	6.800	No Message	No Message
NE+3.45	C4	C45X45	3.000	Design	CORPL17-1	20.300	20.700	2.600	2.600	CORPL5-1	10.100	CORPL17-1	6.800	No Message	No Message
NE+3.45	C5	C45X45	0.000	Design	CORPL4-1	20.300	34.000	4.200	4.200	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C5	C45X45	1.500	Design	CORPL13-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C5	C45X45	3.000	Design	CORPL10-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C6	C45X45	0.000	Design	CORPL5-1	20.300	40.400	5.100	5.100	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C6	C45X45	1.500	Design	CORPL11-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C6	C45X45	3.000	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C7	C45X45	0.000	Design	CORPL4-1	20.300	39.900	5.000	5.000	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C7	C45X45	1.500	Design	CORPL14-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C7	C45X45	3.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C8	C45X45	0.000	Design	CORPL5-1	20.300	40.800	5.100	5.100	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C8	C45X45	1.500	Design	CORPL11-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C8	C45X45	3.000	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C9	C45X45	0.000	Design	CORPL4-1	20.300	40.900	5.100	5.100	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C9	C45X45	1.500	Design	CORPL14-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C9	C45X45	3.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C10	C45X45	0.000	Design	CORPL5-1	20.300	44.300	5.500	5.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C10	C45X45	1.500	Design	CORPL11-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C10	C45X45	3.000	Design	CORPL7-1	20.300	20.300	2.500	2.500	CORPL17-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C11	C45X45	0.000	Design	CORPL4-1	20.300	44.700	5.600	5.600	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C11	C45X45	1.500	Design	CORPL14-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C11	C45X45	3.000	Design	CORPL8-1	20.300	20.300	2.500	2.500	CORPL18-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C12	C45X45	0.000	Design	CORPL5-1	20.300	36.700	4.600	4.600	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C12	C45X45	1.500	Design	CORPL12-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C12	C45X45	3.000	Design	CORPL12-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C13	C45X45	0.000	Design	CORPL14-1	20.300	38.900	4.900	4.900	CORPL6-1	11.700	CORPL18-1	3.800	No Message	No Message
NE+3.45	C13	C45X45	1.500	Design	CORPL14-1	20.300	20.300	2.500	2.500	CORPL6-1	11.700	CORPL18-1	3.800	No Message	No Message
NE+3.45	C13	C45X45	3.000	Design	CORPL17-1	20.300	20.300	2.500	2.500	CORPL6-1	11.700	CORPL18-1	3.800	No Message	No Message
NE+3.45	C14	C45X45	0.000	Design	CORPL4-1	20.300	37.000	4.600	4.600	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C14	C45X45	1.500	Design	CORPL13-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message
NE+3.45	C14	C45X45	3.000	Design	CORPL4-1	20.300	20.300	2.500	2.500	CORPL14-1	3.800	CORPL18-1	3.800	No Message	No Message

3.4 DISEÑO DE LA CIMENTACIÓN

DISEÑO DE ZAPATAS

σadm = 170.00 kN/m^2 f`c = 21000.00 kN/m^2

ZAPATAS CUADRADAS Y RECTANGULARES

		SECCION COLUMNA				SECCION ZAPATA				FLEXION											
CO	Preal (kN)	En X (m)	En Y (m)	Area (m^2)	Lado (m)	B(m)	L(m)	σneta (kN/m^2)	σneta < σadm	Mox (kN-m)	Moy (kN-m)	ϕMnx (kN-m)	ϕMoy (kN-m)	h (m)	ρx	ρy	Asx (mm^2)	Asy (mm^2)	Barra #	Sep. (m)	Barra #	Sep. (m)
B6	164.30	0.45	0.45	1.06	1.03	1.10	1.10	141.22	ok	8.20	8.20	11.49	11.49	0.40	0.0003	0.0003	800	800	5	0.25	5	0.25

C6	160.70	0.45	0.45	1.04	1.02	1.10	1.10	138.12	ok	8.02	8.02	11.23	11.23	0.40	0.0003	0.0003	800	800	5	0.25	5	0.25
A5	136.00	0.45	0.45	0.88	0.94	1.10	1.10	116.89	ok	6.79	6.79	9.51	9.51	0.40	0.0002	0.0002	800	800	5	0.25	5	0.25
B5	243.70	0.45	0.45	1.58	1.26	1.25	1.25	162.21	ok	16.22	16.22	22.71	22.71	0.40	0.0005	0.0005	800	800	5	0.25	5	0.25
C5	199.90	0.45	0.45	1.29	1.14	1.25	1.25	133.05	ok	13.31	13.31	18.63	18.63	0.40	0.0004	0.0004	800	800	5	0.25	5	0.25
A4	297.80	0.45	0.45	1.93	1.39	1.50	1.50	137.65	ok	28.45	28.45	39.84	39.84	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
C4	299.00	0.45	0.45	1.93	1.39	1.50	1.50	138.20	ok	28.57	28.57	40.00	40.00	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
A3	296.30	0.45	0.45	1.92	1.38	1.50	1.50	136.96	ok	28.31	28.31	39.64	39.64	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
C3	296.20	0.45	0.45	1.92	1.38	1.50	1.50	136.91	ok	28.30	28.30	39.62	39.62	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
A2	296.30	0.45	0.45	1.92	1.38	1.50	1.50	136.96	ok	28.31	28.31	39.64	39.64	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
C2	296.40	0.45	0.45	1.92	1.38	1.50	1.50	137.00	ok	28.32	28.32	39.65	39.65	0.40	0.0007	0.0007	800	800	5	0.25	5	0.25
A1	133.60	0.45	0.45	0.86	0.93	1.10	1.10	114.83	ok	6.67	6.67	9.34	9.34	0.40	0.0002	0.0002	800	800	5	0.25	5	0.25
B1	198.40	0.45	0.45	1.28	1.13	1.25	1.25	132.06	ok	13.21	13.21	18.49	18.49	0.40	0.0004	0.0004	800	800	5	0.25	5	0.25
C1	145.70	0.45	0.45	0.94	0.97	1.10	1.10	125.23	ok	7.28	7.28	10.19	10.19	0.40	0.0002	0.0002	800	800	5	0.25	5	0.25

		SECCION COLUMNA				SECCION ZAPATA			CORTANTE							
Zapata	Preal (kN)	En X (m)	En Y (m)	Area (m^2)	Lado (m)	B(m)	L(m)	σneta (kN/m^2)	Vdx (kN)	Vdy (kN)	Vux (kN)	Vuy (kN)	vux (kN)	vuy (kN)	Rev x	Rev y
B6	164.30	0.45	0.45	1.06	1.03	1.10	1.10	142.57	0.78	0.78	1.22	1.22	3.45	3.45	ok	ok
C6	160.70	0.45	0.45	1.04	1.02	1.10	1.10	139.45	0.77	0.77	1.19	1.19	3.38	3.38	ok	ok
A5	136.00	0.45	0.45	0.88	0.94	1.10	1.10	118.02	0.65	0.65	1.01	1.01	2.86	2.86	ok	ok
B5	243.70	0.45	0.45	1.58	1.26	1.25	1.25	163.77	16.38	16.38	25.38	25.38	63.46	63.46	ok	ok
C5	199.90	0.45	0.45	1.29	1.14	1.25	1.25	134.33	13.43	13.43	20.82	20.82	52.05	52.05	ok	ok
A4	297.80	0.45	0.45	1.93	1.39	1.50	1.50	138.97	42.73	42.73	66.24	66.24	138.00	138.00	ok	ok
C4	299.00	0.45	0.45	1.93	1.39	1.50	1.50	139.53	42.91	42.91	66.51	66.51	138.55	138.55	ok	ok
A3	296.30	0.45	0.45	1.92	1.38	1.50	1.50	138.27	42.52	42.52	65.90	65.90	137.30	137.30	ok	ok
C3	296.20	0.45	0.45	1.92	1.38	1.50	1.50	138.23	42.50	42.50	65.88	65.88	137.25	137.25	ok	ok
A2	296.30	0.45	0.45	1.92	1.38	1.50	1.50	138.27	42.52	42.52	65.90	65.90	137.30	137.30	ok	ok
C2	296.40	0.45	0.45	1.92	1.38	1.50	1.50	138.32	42.53	42.53	65.93	65.93	137.35	137.35	ok	ok
A1	133.60	0.45	0.45	0.86	0.93	1.10	1.10	115.93	0.64	0.64	0.99	0.99	2.81	2.81	ok	ok
B1	198.40	0.45	0.45	1.28	1.13	1.25	1.25	133.32	13.33	13.33	20.67	20.67	51.66	51.66	ok	ok
C1	145.70	0.45	0.45	0.94	0.97	1.10	1.10	126.43	0.70	0.70	1.08	1.08	3.06	3.06	ok	ok

DISEÑO DE VIGAS DE AMARRE

f`c = 21000.00 kN/m^2

fy = 420000.00 kN/m^2

					FLEXION						Seccion				REFUERZO					
Viga Amarre	L1 (m)	L2 (m)	Pu (kN)	Po (kN)	Mo1 (kN-m)	Mo2 (kN-m)	Mo3 (kN-m)	fMn1 (kN-m)	fMn2 (kN-m)	fMn3 (kN-m)	b (m)	h(m)	d(m)	Amax (mm^2)	Barra #	Cant.	Barra #	Cant.	Assum (mm^2)	
VC-1	4.03	4.68	243.70	24.37	28.35	26.24	24.42	43.95	40.67	37.84	0.30	0.40	0.35	391	5	3			594	OK
VC-2	4.68	4.68	164.30	16.43	19.22	19.22	19.22	29.80	29.80	29.80	0.30	0.40	0.35	347	5	3			594	OK
VC-3	3.55	3.55	297.80	29.78	26.43	26.43	26.43	40.97	40.97	40.97	0.30	0.40	0.35	363	5	3			594	OK
VC-4	3.15	3.15	243.70	24.37	19.19	19.19	19.19	29.75	29.75	29.75	0.30	0.40	0.35	347	5	3			594	OK
VC-5	3.55	3.55	299.00	29.90	26.54	26.54	26.54	41.13	41.13	41.13	0.30	0.40	0.35	365	5	3			594	OK

					CORTANTE					
Viga Amarre	L1 (m)	L2(m)	Pu (kN)	Po(kN)	Vo1 (kN)	Vo3 (kN)	fVn1 (kN)	fVn3 (kN)	Rev 1	Rev 3
VC-1	4.03	4.68	243.70	24.37	13.55	10.82	199.97	159.78	ok	ok
VC-2	4.68	4.68	164.30	16.43	8.22	8.22	121.27	121.27	ok	ok
VC-3	3.55	3.55	297.80	29.78	14.89	14.89	219.80	219.80	ok	ok
VC-4	3.15	3.15	243.70	24.37	12.19	12.19	179.87	179.87	ok	ok
VC-5	3.55	3.55	299.00	29.90	14.95	14.95	220.69	220.69	ok	ok

3.4.1 REACCIONES EN LA CIMENTACIÓN

Story	Label	Output Case	FX	FY	FZ	MX	MY	MZ
			tonf	tonf	tonf	tonf-m	tonf-m	tonf-m
Base	3	PPROPIO	0.130	-0.020	6.540	0.001	0.150	0.001
Base	3	MUERTA	0.360	0.040	6.270	-0.080	0.420	0.001
Base	3	VIVA	0.480	-0.100	3.620	0.100	0.570	0.002
Base	3	SISMOX	-11.090	-0.080	-10.550	0.180	-28.760	0.250
Base	3	SISMOY	-0.370	-10.320	-16.470	25.220	-0.760	-0.070
Base	4	PPROPIO	-0.120	-0.001	6.460	-0.020	-0.130	0.001
Base	4	MUERTA	-0.330	0.090	6.070	-0.140	-0.360	0.001
Base	4	VIVA	-0.450	-0.080	3.550	0.070	-0.490	0.002
Base	4	SISMOX	-11.070	0.550	11.020	-1.200	-28.740	0.250
Base	4	SISMOY	-0.370	-10.960	-14.210	26.130	-0.760	-0.070
Base	5	PPROPIO	0.080	0.070	5.370	-0.100	0.090	0.001
Base	5	MUERTA	0.400	0.150	6.150	-0.200	0.470	0.001
Base	5	VIVA	0.230	0.010	2.080	-0.030	0.280	0.002
Base	5	SISMOX	-11.650	-0.670	-12.760	1.430	-29.850	0.250
Base	5	SISMOY	-0.140	-10.250	-11.590	24.990	-0.370	-0.070
Base	6	PPROPIO	0.030	-0.060	6.560	0.050	0.040	0.001
Base	6	MUERTA	0.090	-0.160	11.100	0.150	0.110	0.001
Base	6	VIVA	0.350	0.020	6.710	-0.040	0.410	0.002
Base	6	SISMOX	-14.280	-0.150	2.930	0.260	-32.820	0.250
Base	6	SISMOY	-0.180	-10.330	16.300	25.230	-0.420	-0.070
Base	7	PPROPIO	-0.100	0.020	6.430	-0.040	-0.110	0.001
Base	7	MUERTA	-0.500	0.020	8.670	-0.060	-0.550	0.001
Base	7	VIVA	-0.620	0.030	4.890	-0.050	-0.690	0.002
Base	7	SISMOX	-11.230	0.690	9.250	-1.360	-29.380	0.250
Base	7	SISMOY	-0.160	-13.260	3.870	28.730	-0.410	-0.070
Base	8	PPROPIO	0.360	0.010	8.030	-0.030	0.410	0.001
Base	8	MUERTA	2.440	0.030	13.030	-0.060	2.770	0.001
Base	8	VIVA	2.450	0.030	8.730	-0.050	2.780	0.002
Base	8	SISMOX	-8.590	-0.770	-4.190	1.540	-26.910	0.250
Base	8	SISMOY	-0.060	-12.580	0.890	27.620	-0.150	-0.070
Base	9	PPROPIO	-0.360	0.010	8.010	-0.030	-0.400	0.001
Base	9	MUERTA	-2.430	0.010	13.000	-0.050	-2.740	0.001
Base	9	VIVA	-2.430	0.030	8.900	-0.060	-2.740	0.002
Base	9	SISMOX	-8.590	0.680	4.210	-1.340	-26.910	0.250
Base	9	SISMOY	-0.060	-12.890	-0.110	28.310	-0.150	-0.070

Story	Label	Output Case	FX	FY	FZ	MX	MY	MZ
			tonf	tonf	tonf	tonf-m	tonf-m	tonf-m
Base	10	PPROPIO	0.360	0.010	8.010	-0.030	0.410	0.001
Base	10	MUERTA	2.460	0.030	13.010	-0.060	2.790	0.001
Base	10	VIVA	2.460	0.010	8.610	-0.030	2.790	0.002
Base	10	SISMOX	-8.400	-0.770	-4.430	1.550	-27.200	0.250
Base	10	SISMOY	0.050	-12.430	0.003	27.450	0.100	-0.070
Base	11	PPROPIO	-0.360	0.010	8.010	-0.030	-0.400	0.001
Base	11	MUERTA	-2.450	0.003	13.010	-0.040	-2.760	0.001
Base	11	VIVA	-2.450	0.010	8.600	-0.040	-2.760	0.002
Base	11	SISMOX	-8.400	0.680	4.430	-1.350	-27.200	0.250
Base	11	SISMOY	0.050	-12.900	0.040	28.320	0.100	-0.070
Base	12	PPROPIO	0.360	0.020	8.030	-0.030	0.400	0.001
Base	12	MUERTA	2.440	0.030	13.030	-0.060	2.760	0.001
Base	12	VIVA	2.440	0.010	8.570	-0.020	2.760	0.002
Base	12	SISMOX	-9.560	-0.790	-4.350	1.570	-29.030	0.250
Base	12	SISMOY	0.170	-12.580	-0.900	27.620	0.380	-0.070
Base	13	PPROPIO	-0.360	0.010	8.030	-0.030	-0.410	0.001
Base	13	MUERTA	-2.440	0.010	13.040	-0.040	-2.750	0.001
Base	13	VIVA	-2.440	0.010	8.570	-0.040	-2.750	0.002
Base	13	SISMOX	-9.560	0.700	4.330	-1.370	-29.030	0.250
Base	13	SISMOY	0.160	-13.050	-0.960	28.480	0.370	-0.070
Base	14	PPROPIO	0.070	-0.050	5.340	0.040	0.080	0.001
Base	14	MUERTA	0.390	-0.110	6.080	0.090	0.450	0.001
Base	14	VIVA	0.240	0.005	1.940	-0.020	0.280	0.002
Base	14	SISMOX	-14.040	-0.690	-12.480	1.460	-34.600	0.250
Base	14	SISMOY	0.280	-10.210	11.680	24.940	0.640	-0.070
Base	15	PPROPIO	0.020	0.005	5.830	-0.020	0.020	0.001
Base	15	MUERTA	0.120	0.004	9.590	-0.040	0.140	0.001
Base	15	VIVA	0.080	0.010	4.420	-0.030	0.090	0.002
Base	15	SISMOX	-16.920	-0.010	3.150	0.110	-37.850	0.250
Base	15	SISMOY	0.340	-4.590	0.030	18.740	0.710	-0.070
Base	16	PPROPIO	-0.110	-0.050	5.540	0.040	-0.120	0.001
Base	16	MUERTA	-0.560	-0.130	6.770	0.110	-0.630	0.001
Base	16	VIVA	-0.340	0.010	2.260	-0.030	-0.380	0.002
Base	16	SISMOX	-13.590	0.620	9.430	-1.280	-34.100	0.250
Base	16	SISMOY	0.300	-10.650	11.430	25.770	0.660	-0.070

3.5 DISEÑO ELEMENTOS NO ESTRUCTURALES

3.5.1 DISEÑO MUROS FACHADA Y DIVISORIOS

DISEÑO MURO DE FACHADA SOPORTADO EN LA BASE Y EN EL EXTREMO SUPERIOR
(Mamposteria de Perforación Vertical)

GEOMETRIA DEL MURO

Altura del muro	H=	3.00	m
Espesor del Muro	e=	0.12	m
Nivel de localización del muro		Piso DOS	
Densidad del material del muro	γm=	1800	Kg/m³
Peso del Muro	w=	2.2	KN/m²
Resistencia a la compresión del muro	f'm=	5.0	MPa

MAMPOSTERIA

Tipo de Mampostería	=	Perforación Vertical
Ubicación	=	Fachada
Tipo de Apoyo	=	Apoyo Superior e inferior aislado lateralmente

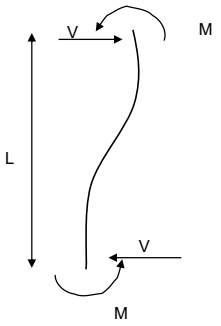
CRITERIOS DE DISEÑO

1-	Grupo de Uso		III	
2-	Coeficiente de importancia	*I*=	1.25	
3-	Grado mínimo de Desempeño		Superior	Según Tabla A.9.2-1 NSR-10
4-	Tipo de Elemento No Estructural según Tabla A.9.5-1 (NSR-10) 1			
	Mampostería con refuerzo separado lateralmente de la estructura, apoyada arriba y abajo			
5-	Coeficiente de amplificación dinámica del elemento NO estructural	*ap*=	1.0	Según Tabla A.9.5-1 NSR-10
6-	Coeficiente de capacidad de disipación de energía	*Rpi*=	1.5	Según Tabla A.9.5-1 NSR-10
7-	Coeficiente de Aceleración pico efectiva	*Aa*=	0.15	
8-	Período de la Estructura	*T*=	0.4130	
9-	Máxima aceleración horizontal de diseño	Sa=	0.7031	

DISEÑO

Fuerza Cortante en el piso o nivel que se encuentra el muro	*Fi=*	1,652.20	KN	
Peso de la placa de entrepiso del nivel que se encuentra el muro	*wi=*	2,349.80	KN	
Aceleración Horizontal	*ax=Fi/Wi=*	0.70	g	ok< 2 Sa
Fuerza horizontal de diseño del muro	*Fp=(ax*ap)/Rp*g*Mp*	1.01	KN/m	ok > Aa I/2 g Mp
Momento de diseño actuante en el muro	*Mi=Fp*H²/8=*	1.14	KN-m	
Fuerza Cortante por metro de longitud	*Vi=Fp*H/2=*	1.52	KN	
Separación entre columnetas o refuerzo	S=	2.0	m	
Ancho de columnetas	b=	0.12	m	
Largo de Columnetas (igual que el espesor del muro)	t=	0.12	m	
Area sección columneta	Ac=	0.014	m²	
Momento actuante en cada columneta	*M=Mi*S=*	2.28	KN-m	
Area de cortante efectiva del muro	*Amv=*	120000	mm²	
Resistencia a Cortante en la dirección perpendicular del muro	*ØVn=Ø1/6Amv*(f'm)^0.5=*	60	KN	*ok >Vi*
Cortante actuante en cada columneta	V=Vi*S=	3.04	KN	*ok >Vi*

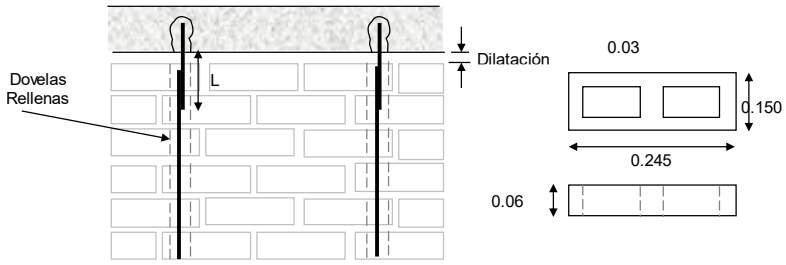
Fuerzas actuante sobre el refuerzo de anclaje



Número de la varilla de anclaje	#=	4	
Cantidad de Varillas	CANT=	2	
Diámetro de la varilla de anclaje	D=	12.70	mm
Longitud libre de la varilla de anclaje	L=	100	mm
Esfuerzo de Fluencia del refuerzo	fy=	420	MPa

Fuerza Cortante Resistente del refuerzo de anclaje

$V=\pi D^3 fy /(16 L)$ = 3.38 KN ok

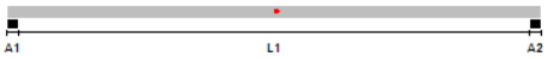


3.5.2 DISEÑO CORREAS

REPORTE DE CORREAS

PHR C con atiesador 150 x 50 x 17 (2.50 mm)
con Fy = 35.15 Kgf/mm² cada 1.10 m con arriostramiento cada L/2.

SECCION LONGITUDINAL



L1	3.40 m
A1	0.08 m
A2	0.08 m

CONFIGURACION	
TIPO DE CARGA	DISTRIBUIDA
Carga muerta	0.07 Ton/m²
Peso propio correa	0.01 Ton/m
Carga viva	0.05 Ton/m²
Carga granizo	0.00 Ton/m²
Viento compresión (Perpendicular)	0.04 Ton/m²
Viento succión (Perpendicular)	0.04 Ton/m²
Pendiente sección transversal	16° = 28.6750%

SECCION TRANSVERSAL





L = 1.10 m

REPORTES DE DISEÑO

REPORTE FLEXION				
	Apoyos		Interiores	
Ejes locales	3	2	3	2
Resistente (Ton.m)	0.9532	0.1863	0.7928	0.1849
Calculado (Ton.m)	9.3750E-08	3.1250E-09	0.3039	0.0194

REPORTE CORTANTE		
Ejes locales	2	3
Resistente (Ton)	6.7627	3.5066
Calculado (Ton)	0.3489	0.0449

REPORTE DEFLEXION		
Deflexiones máximas	Instantanea	Permanente
Admisible (m)	0.0129	0.0000
Calculado (m)	0.0022	0.0000

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Contratista Dirección Departamental de Proyectos
Gobernación de Córdoba

MEMORIA DE ANÁLISIS Y DISEÑO ESTRUCTURAL

DATOS DEL PROYECTO	
OBJETO:	ESTUDIOS Y DISEÑOS ESTRUCTURALES DE LA EDIFICACIÓN UBICADA EN EL MUNICIPIO DE PLANETA RICA DEPARTAMENTO DE CÓRDOBA.
SOLICITANTE:	GOBERNACIÓN DE CÓRDOBA
DIRECCIÓN:	MUNICIPIO DE PLANETA RICA
MUNICIPIO:	PLANETA RICA
DEPARTAMENTO:	CÓRDOBA
FECHA:	OCTUBRE DE 2025

INGENIERO RESPONSABLE	
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MATRICULA PROF.:	22202221866 COR
DEPENDENCIA:	CONTRATISTA DEPARTAMENTO ADMINISTRATIVO DE PLANEACIÓN – GOBERNACIÓN DE CÓRDOBA
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1. LICEO PLANETA RICA – CUBIERTA CANCHA

Estudios y diseños estructurales de la edificación ubicada en el municipio de Planeta Rica departamento de Córdoba.

1.1 DESCRIPCION DEL PROYECTO Y SISTEMA ESTRUCTURAL

No. Pisos	Área (m^2)	Tipo de Estructura	Descripción
1	934	Pórticos en Concreto	La estructura tiene un pórtico de concreto reforzado con comportamiento de péndulo invertido en la dirección transversal de la cubierta y de pórtico resistente a momento en la otra . Las columnas poseen sección 0.60x0.80m, y vigas de sección 0.30x0.50m. La cubierta es tipo liviana apoyada en perfiles metálicos tipo C ensamblados en cajón.

1.2 CIMENTACION

La cimentación de la estructura son zapatas aisladas de sección 2.00x2.00my altura de 0.40m, con vigas de amarre de sección de 0.30x0.40m que vinculan todas las columnas de la estructura. La cimentación se encuentra localizada a una profundidad de 1.00m. La capacidad portante para zapatas es 17.00Ton/m2.

1.3 MATERIALES

Concretos

Bloque	f´c Ton/m2	Ec Ton/m2
CANCHA	2100.00	2153811.00

El módulo de elasticidad del concreto Ec se ha calculado con las formulaciones de la norma:

$$Ec = 4700\sqrt{f'c}\,(MPa)$$

Acero de Refuerzo

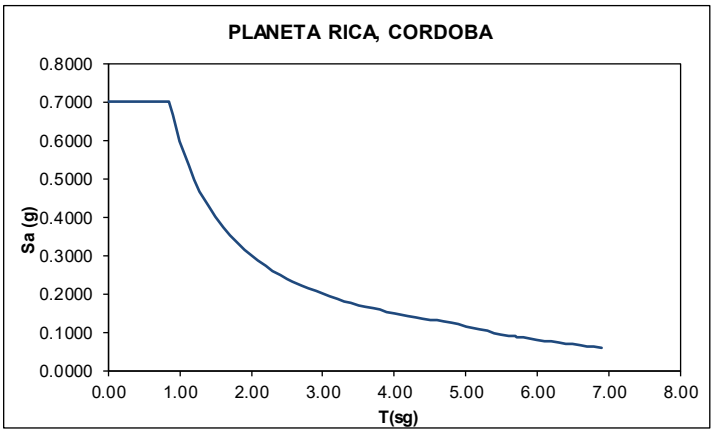
El refuerzo longitudinal y transversal, acero corrugado Grado 60 con punto de fluencia fy=42000Ton/m2. El módulo de elasticidad de este acero es Es= 20´390.000 Ton/m2.

1.4 ZONA DE MICROZONIFICACIÓN SISMICA

Esta parte incluye la evaluación del Espectro de Diseño Sísmico, acorde según NSR-10. Este espectro se afecta por el Coeficiente de Importancia (I).

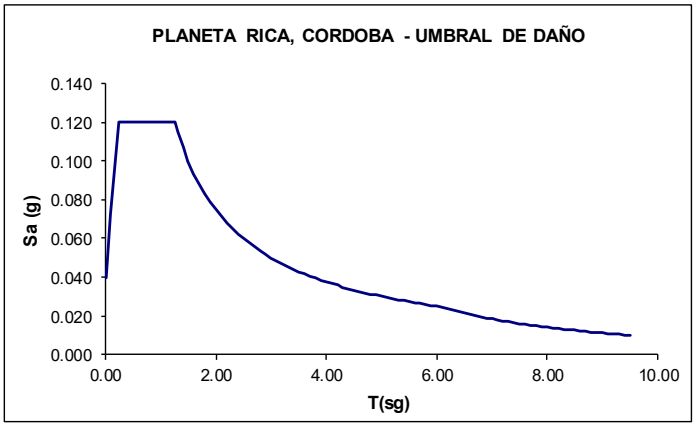
PARAMETROS SISMICOS
Region: PLANETA RICA, CORDOBA

	PLANETA RICA, CORDOBA
Tc	0.85
TL	4.80
Aa	0.15
Av	0.20
Fa	1.50
Fv	2.00
I	1.25
Samax =	0.7031



PARAMETROS SISMICOS
Region: PLANETA RICA, CORDOBA - UMBRAL DE DAÑO

	PLANETA RICA, CORDOBA
Ad	0.04
Ae	0.08
Fv	2.00
S	2.50
Tcd	1.25
TLd	6.00
I	1.25
Sadmax	0.12



1.5 EVALUACIÓN DE IRREGULARIDADES

Con el objeto de establecer el comportamiento de la edificación ante cargas sísmicas, se evalúan sus irregularidades en planta y en altura. En la siguiente tabla se determinan los grados de irregularidad según el Titulo A de la NSR-10 tablas A.3-6 y A.3-7.

ϕa: Irregularidad en altura ϕp: Irregularidad en planta

Bloque	ϕa	Descripción	ϕp	Descripción
BLOQUE D	1.0	Estructura de dos pisos no presenta irregularidad en altura.	1.0	Estructura con forma rectangular no presenta irregularidades en planta.

1.6 DETERMINACIÓN DE Sa y Ro.

ANÁLISIS SÍSMICO - CUBIERTA CANCHA

**** DILIGENCIAR CELDAS ACHURADAS EN GRIS***

Fuerzas de diseño

h_n =	6.00 m	*Altura de la edificación*
SISTEMA=	PRM CONCRETO REFORZADO O ACERO CON DIAGONALES EXCÉNTRICAS	
c_t =	0.047	
α =	0.9	
T_a =	0.24 s	*Período aproximado de la estructura*
k =	1.00	*Coeficiente para distribución de fuerza sísmica por piso*
W =	114.6 tonf	*Peso total de la edificación*
S_a =	0.56	*Valor espectro de aceleraciones para T_a*
V_s =	64.45 tonf	*Cortante sísmico en la base*

NIVEL	h_{nivel} (m)	W_{nivel} (tonf)	$m_{nivel} h_{nivel}^k$	C_{v_nivel}	F_{nivel} (tonf)
1	6.00 m	114.58	687.50	1.000	64.45
			687.50		

1.7 EVALUACIÓN DE CARGAS VERTICALES Y SISMICAS

1.7.1 CARGAS VERTICALES

AVALÚO CARGAS GRAVITACIONALES CUBIERTA

**** DILIGENCIAR CELDAS ACHURADAS EN GRIS***

Geometría y características de la cubierta

$D_{cubierta}$ =	0.075 kN/m^2	*Peso propio cubierta*
$D_{instalaciones}$ =	0.10 kN/m^2	*Carga muerta otras instalaciones*

Cargas muertas mínimas que pueden emplearse para fachadas

0)Definido = 16.5 kN/m^3

Resumen cargas

Cargas muertas:

$D_{cubierta}$ =	0.075 kN/m^2	*Peso propio cubierta*
$D_{instalaciones}$ =	0.10 kN/m^2	*Carga muerta otras instalaciones*
D =	**0.175 kN/m^2**	*Total carga muerta*

Cargas vivas:

Tipo de uso = **18**

L = **0.50 kN/m^2** *Total carga viva*

1.7.2 CARGAS HORIZONTALES (SÍSMICAS)

El efecto de la torsión accidental se considera en el programa ETABS cuando en las combinaciones de carga sísmicas (SISMOX, SISMOY) se afecta la dirección en análisis por 0.05. Ver Define Response Spectra en el archivo base.

1.8 DESCRIPCIÓN DE LA METODOLOGÍA DEL ANÁLISIS SISMICO

La modelación matemática se realizó en el programa ETABS. Los modelos reflejan la configuración tridimensional de la edificación. El método de análisis del sistema de resistencia sísmica es por el método de Fuerza Horizontal Equivalente. El alcance del modelo matemático abarca el análisis de vigas y columnas, en el rango elástico.

2 DATOS DE ENTRADA DE LOS MODELOS DE CÁLCULO Y DISEÑO

```
$ PROGRAM INFORMATION
  PROGRAM  "ETABS"  VERSION "18.1.1"

$ CONTROLS
  UNITS  "KN"  "M"  "C"
  TITLE1  "ljgd"
  TITLE2  "BLOQUE 1 - PLANETA RICA"
  PREFERENCE  MERGETOL 0.001
  RLLF  METHOD "ASCE7-10"  USEDEFAULTMIN "YES"

$ STORIES - IN SEQUENCE FROM TOP
  STORY "CUMB"  HEIGHT 3.402462
  STORY "CUB"  HEIGHT 6
  STORY "Base"  ELEV 0

$ GRIDS
  GRIDSYSTEM "G1"  TYPE "CARTESIAN"  BUBBLESIZE 1.25
  GRID "G1"  LABEL "A"  DIR "X"  COORD 0 VISIBLE "Yes"  BUBBLELOC "End"
  GRID "G1"  LABEL "1"  DIR "Y"  COORD 0 VISIBLE "Yes"  BUBBLELOC "Start"

$ DIAPHRAGM NAMES
  DIAPHRAGM "D1"    TYPE RIGID

$ MATERIAL PROPERTIES
  MATERIAL  "STEEL"    TYPE "Steel"    WEIGHTPERVOLUME 78.5
  MATERIAL  "STEEL"    SYMTYPE "Isotropic"  E 2E+08  U 0.3  A
0.000119999996968545
  MATERIAL  "STEEL"  FY 344.7379  FU 448.1593 FYE 379211.7  FUE 492975.2
  MATERIAL  "STEEL"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17
FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "ASTM A706"    TYPE "Rebar"    WEIGHTPERVOLUME 78.5
  MATERIAL  "ASTM A706"    SYMTYPE "Uniaxial"  E 2E+08  A
1.20000004244503E-05
  MATERIAL  "ASTM A706"  FY 420000  FU 550000 FYE 420000  FUE 550000
  MATERIAL  "ASTM A706"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.01 STRAINATULTIMATE 0.09 FINALSLOPE -0.1 IOTENSION
0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01
CPCOMPRESSION 0.02
  MATERIAL  "ASTM A36"    TYPE "Steel"    WEIGHTPERVOLUME 78.5
  MATERIAL  "ASTM A36"    SYMTYPE "Isotropic"  E 2E+08  U 0.3  A
0.000119999996968545
  MATERIAL  "ASTM A36"  FY 250000  FU 408000 FYE 275000  FUE 448800
  MATERIAL  "ASTM A36"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17
FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "ASTM A500 Gr.B (Fy=322MPa)"    TYPE "Steel"
WEIGHTPERVOLUME 78.5
  MATERIAL  "ASTM A500 Gr.B (Fy=322MPa)"    SYMTYPE "Isotropic"  E 2E+08
U 0.3  A 0.000119999996968545
  MATERIAL  "ASTM A500 Gr.B (Fy=322MPa)"  FY 322000  FU 448000 FYE 354200
FUE 492975.2
  MATERIAL  "ASTM A500 Gr.B (Fy=322MPa)"  HYSTYPE "Kinematic"  SSTYPE
"Simple"  STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE
0.17 FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "ASTM A500 Gr.C (Fy=322MPa)"    TYPE "Steel"
WEIGHTPERVOLUME 78.5
  MATERIAL  "ASTM A500 Gr.C (Fy=322MPa)"    SYMTYPE "Isotropic"  E 2E+08
U 0.3  A 0.000119999996968545
  MATERIAL  "ASTM A500 Gr.C (Fy=322MPa)"  FY 322000  FU 448000 FYE 354200
FUE 492975.2
  MATERIAL  "ASTM A500 Gr.C (Fy=322MPa)"  HYSTYPE "Kinematic"  SSTYPE
"Simple"  STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE
0.17 FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "ASTM A500 Gr.C (Fy=350MPa)"    TYPE "Steel"
WEIGHTPERVOLUME 78.5
  MATERIAL  "ASTM A500 Gr.C (Fy=350MPa)"    SYMTYPE "Isotropic"  E 2E+08
U 0.3  A 0.000119999996968545
  MATERIAL  "ASTM A500 Gr.C (Fy=350MPa)"  FY 350000  FU 448000 FYE 385000
FUE 492975.2
  MATERIAL  "ASTM A500 Gr.C (Fy=350MPa)"  HYSTYPE "Kinematic"  SSTYPE
"Simple"  STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE
0.17 FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "ASTM A1011"    TYPE "Steel"    WEIGHTPERVOLUME 78.5
  MATERIAL  "ASTM A1011"    SYMTYPE "Isotropic"  E 2E+08  U 0.3  A
0.000119999996968545
  MATERIAL  "ASTM A1011"  FY 350000  FU 420000 FYE 385000  FUE 462000
  MATERIAL  "ASTM A1011"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17
FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "ASTM A653"    TYPE "Steel"    WEIGHTPERVOLUME 78.5
  MATERIAL  "ASTM A653"    SYMTYPE "Isotropic"  E 2E+08  U 0.3  A
0.000119999996968545
  MATERIAL  "ASTM A653"  FY 350000  FU 420000 FYE 385000  FUE 462000
  MATERIAL  "ASTM A653"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17
FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "ASTM A572 Gr.50"    TYPE "Steel"    WEIGHTPERVOLUME 78.5
  MATERIAL  "ASTM A572 Gr.50"    SYMTYPE "Isotropic"  E 2E+08  U 0.3  A
0.000119999996968545
  MATERIAL  "ASTM A572 Gr.50"  FY 350000  FU 450000 FYE 385000  FUE
495000
  MATERIAL  "ASTM A572 Gr.50"  HYSTYPE "Kinematic"  SSTYPE "Simple"
STRAINATHARDENING 0.015 STRAINATMAXSTRESS 0.11 STRAINATRUPTURE 0.17
FINALSLOPE -0.1 IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05
IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION 0.02
  MATERIAL  "CONC"    TYPE "Concrete"    WEIGHTPERVOLUME 24
  MATERIAL  "CONC"    SYMTYPE "Isotropic"  E 2.48E+07  U 0.2  A
9.99999974737875E-06
  MATERIAL  "CONC"    FC 28
  MATERIAL  "CONC"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"
STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1 IOTENSION
0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION
0.006 CPCOMPRESSION 0.015
  MATERIAL  "CONC21W0"    TYPE "Concrete"    WEIGHTPERVOLUME 0.0001
  MATERIAL  "CONC21W0"    SYMTYPE "Isotropic"  E 2.15E+07  U 0.2  A
9.99999974737875E-06
  MATERIAL  "CONC21W0"    FC 21000
  MATERIAL  "CONC21W0"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC21W0"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE
"Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003
LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "CONC21"    TYPE "Concrete"    WEIGHTPERVOLUME 24
  MATERIAL  "CONC21"    SYMTYPE "Isotropic"  E 2.15E+07  U 0.2  A
9.99999974737875E-06
  MATERIAL  "CONC21"    FC 21000
  MATERIAL  "CONC21"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC21"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"
STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1 IOTENSION
0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION
0.006 CPCOMPRESSION 0.015
  MATERIAL  "CONC24.5"    TYPE "Concrete"    WEIGHTPERVOLUME 24
  MATERIAL  "CONC24.5"    SYMTYPE "Isotropic"  E 2.32E+07  U 0.2  A
9.99999974737875E-06
  MATERIAL  "CONC24.5"    FC 24500
  MATERIAL  "CONC24.5"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC24.5"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE
"Simple"  STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1
IOTENSION 0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003
LSCOMPRESSION 0.006 CPCOMPRESSION 0.015
  MATERIAL  "CONC28"    TYPE "Concrete"    WEIGHTPERVOLUME 24
  MATERIAL  "CONC28"    SYMTYPE "Isotropic"  E 2.48E+07  U 0.2  A
9.99999974737875E-06
  MATERIAL  "CONC28"    FC 28000
  MATERIAL  "CONC28"  TIMEDEPCONCCODE "CEBFIP90"
  MATERIAL  "CONC28"  HYSTYPE "Concrete"  ENERGYDEGFACT 0 SSTYPE "Simple"
STRAINATFC 0.00221914 STRAINATULTIMATE 0.005 FINALSLOPE -0.1 IOTENSION
0.01 LSTENSION 0.02 CPTENSION 0.05 IOCOMPRESSION 0.003 LSCOMPRESSION
0.006 CPCOMPRESSION 0.015
  MATERIAL  "A416Gr270"    TYPE "Tendon"    WEIGHTPERVOLUME 76.97286
  MATERIAL  "A416Gr270"    SYMTYPE "Uniaxial"  E 1.965006E+08  A
1.16999999590917E-05
  MATERIAL  "A416Gr270"  FY 1689905  FU 1861585
  MATERIAL  "A416Gr270"  HYSTYPE "Kinematic"  SSTYPE "270ksi"  FINALSLOPE
-0.1 IOTENSION 0.015 LSTENSION 0.023 CPTENSION 0.03 IOCOMPRESSION 0.015
LSCOMPRESSION 0.023 CPCOMPRESSION 0.03
  MATERIAL  "Mampostería"    TYPE "Other"    WEIGHTPERVOLUME 14.5
  MATERIAL  "Mampostería"    SYMTYPE "Isotropic"  E 9537000  U 0.2  A
9.89999989542412E-06
  MATERIAL  "Mampostería"  DESIGNTYPE "OTHER"
  MATERIAL  "Mampostería"  HYSTYPE "Elastic"  IOTENSION 0.01 LSTENSION
0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION
0.02 IGNORETENSIONACCEPTANCE "No"
  MATERIAL  "Mampostería"  STRAIN -1 STRESS -1
  MATERIAL  "Mampostería"  STRAIN 0 STRESS 0 POINTID "A"
  MATERIAL  "Mampostería"  STRAIN 1 STRESS 1
  MATERIAL  "A653SQGr50"    TYPE "Coldformed"    GRADE "SQ Grade 50"
WEIGHTPERVOLUME 76.97286
  MATERIAL  "A653SQGr50"    SYMTYPE "Isotropic"  E 2.033954E+08  U 0.3  A
1.16999999590917E-05
  MATERIAL  "A653SQGr50"  HYSTYPE "Kinematic"  IOTENSION 0.01 LSTENSION
0.02 CPTENSION 0.05 IOCOMPRESSION 0.005 LSCOMPRESSION 0.01 CPCOMPRESSION
0.02
```

```
  MATERIAL  "A653SQGr50"  STRAIN -69 STRESS 0
  MATERIAL  "A653SQGr50"  STRAIN -59 STRESS -1 POINTID "-E"
  MATERIAL  "A653SQGr50"  STRAIN -47.2 STRESS -1.3 POINTID "-D"
  MATERIAL  "A653SQGr50"  STRAIN -29.5 STRESS -1.3 POINTID "-C"
  MATERIAL  "A653SQGr50"  STRAIN -11.8 STRESS -1
  MATERIAL  "A653SQGr50"  STRAIN -1 STRESS -1 POINTID "-B"
  MATERIAL  "A653SQGr50"  STRAIN 0 STRESS 0 POINTID "A"
  MATERIAL  "A653SQGr50"  STRAIN 1 STRESS 1 POINTID "B"
  MATERIAL  "A653SQGr50"  STRAIN 11.8 STRESS 1
  MATERIAL  "A653SQGr50"  STRAIN 29.5 STRESS 1.3 POINTID "C"
  MATERIAL  "A653SQGr50"  STRAIN 47.2 STRESS 1.3 POINTID "D"
  MATERIAL  "A653SQGr50"  STRAIN 59 STRESS 1 POINTID "E"
  MATERIAL  "A653SQGr50"  STRAIN 69 STRESS 0

$ REBAR DEFINITIONS
  REBARDEFINITION  "6"  AREA  2.83E-05 DIA  0.006
  REBARDEFINITION  "8"  AREA  5.03E-05 DIA  0.008
  REBARDEFINITION  "10"  AREA  7.85E-05 DIA  0.01
  REBARDEFINITION  "12"  AREA  0.0001131 DIA  0.012
  REBARDEFINITION  "14"  AREA  0.0001539 DIA  0.014
  REBARDEFINITION  "16"  AREA  0.0002011 DIA  0.016
  REBARDEFINITION  "18"  AREA  0.0002545 DIA  0.018
  REBARDEFINITION  "20"  AREA  0.0003142 DIA  0.02
  REBARDEFINITION  "22"  AREA  0.0003801 DIA  0.022
  REBARDEFINITION  "25"  AREA  0.0004909 DIA  0.025
  REBARDEFINITION  "26"  AREA  0.0005309 DIA  0.026
  REBARDEFINITION  "28"  AREA  0.0006158 DIA  0.028
  REBARDEFINITION  "32"  AREA  0.0008042 DIA  0.032
  REBARDEFINITION  "36"  AREA  0.0010179 DIA  0.036
  REBARDEFINITION  "40"  AREA  0.0012566 DIA  0.04
  REBARDEFINITION  "50"  AREA  0.0019635 DIA  0.05

$ FRAME SECTIONS
  FRAMESECTION  "VT-0.12x0.35"  MATERIAL "CONC21"  SHAPE "Concrete
Rectangular"  D 0.35 B 0.12
  FRAMESECTION  "C-0.60x0.80"  MATERIAL "CONC21"  SHAPE "Concrete
Rectangular"  D 0.6 B 0.8
  FRAMESECTION  "VG-0.30x0.50"  MATERIAL "CONC21"  SHAPE "Concrete
Rectangular"  D 0.5 B 0.3
  FRAMESECTION  "PTE-75x75x6"  MATERIAL "ASTM A500 Gr.C (Fy=350MPa)"
SHAPE "Steel Tube"  D 0.075 B 0.075 TF 0.006 TW 0.006 R 0.008
  FRAMESECTION  "PTE-50x50x2.5"  MATERIAL "ASTM A500 Gr.C (Fy=350MPa)"
SHAPE "Steel Tube"  D 0.05 B 0.05 TF 0.0025 TW 0.0025 R 0.005
  FRAMESECTION  "PHR 220x80x3"  MATERIAL "ASTM A1011"  SHAPE "Cold Formed
C"  D 0.22 B 0.08 T 0.003 RAD 0.006 LIP 0.02
  FRAMESECTION  "2PHR 220x80x2.5"  MATERIAL "ASTM A1011"  SHAPE "Steel
Tube"  D 0.22 B 0.16 TF 0.0025 TW 0.0025 R 0.006
  FRAMESECTION  "VT-0.12x0.35"  JMOD 0.1 I3MOD 0.35
  FRAMESECTION  "C-0.60x0.80"  I2MOD 0.7 I3MOD 0.7
  FRAMESECTION  "VG-0.30x0.50"  JMOD 0.1 I3MOD 0.35

$ CONCRETE SECTIONS
  CONCRETESECTION  "VT-0.12x0.35"  LONGBARMATERIAL "ASTM A706"
CONFINEBARMATERIAL "ASTM A706"  TYPE "Beam"  COVERTOP 0.06 COVERBOTTOM
0.06 ATI 0 ABI 0 ATJ 0 ABJ 0
  CONCRETESECTION  "C-0.60x0.80"  LONGBARMATERIAL "ASTM A706"
CONFINEBARMATERIAL "ASTM A706"  TYPE "Column"  PATTERN "R-3-3"
TRANSREINF "TIES"  DESIGNCHECK "DESIGN"  COVER 0.04 LONGBARAREA 0.0003142
CONFINEBARAREA 7.85E-05 CONFINEBARSPACING 0.1 NUMCONFINEBARS3 3
NUMCONFINEBARS2 3
  CONCRETESECTION  "VG-0.30x0.50"  LONGBARMATERIAL "ASTM A706"
CONFINEBARMATERIAL "ASTM A706"  TYPE "Beam"  COVERTOP 0.06 COVERBOTTOM
0.06 ATI 0 ABI 0 ATJ 0 ABJ 0

$ TENDON SECTIONS
  TENDONSECTION  "Tendon1"  MATERIAL  "A416Gr270"  STRANDAREA  9.870948E-
05

$ SLAB PROPERTIES
  SHELLPROP  "Losa de Carga 1 Dir"  PROPTYPE  "Slab"  MATERIAL "CONC21W0"
MODELINGTYPE "Membrane"  ONEWAYLOADDIST "Yes"  SLABTYPE "Slab"
SLABTHICKNESS 0.001
  SHELLPROP  "Losa de Carga 2 Dir"  PROPTYPE  "Slab"  MATERIAL "CONC21W0"
MODELINGTYPE "Membrane"  SLABTYPE "Slab"  SLABTHICKNESS 0.001

$ DECK PROPERTIES
  SHELLPROP  "Deck1"  PROPTYPE  "Deck"  DECKTYPE "Filled"  CONCMATERIAL
"CONC21"  DECKMATERIAL "STEEL"  DECKSLABDEPTH 0.0875 DECKRIBDEPTH 0.075
DECKRIBWIDTHTOP 0.175 DECKRIBWIDTHBOTTOM 0.125 DECKRIBSPACING 0.3
DECKSHEARTHICKNESS 0.001 DECKUNITWEIGHT 0.1101246 SHEARSTUDDIAM 0.019
SHEARSTUDHEIGHT 0.15 SHEARSTUDFU 400000

$ WALL PROPERTIES
  SHELLPROP  "Wall1"  PROPTYPE  "Wall"  MATERIAL "CONC21"  MODELINGTYPE
"ShellThin"  WALLTHICKNESS 0.25

$ LINK PROPERTIES
  LINKPROP  "CNX-CERCHA_COL"  TYPE "LINEAR"
  LINKPROP  "CNX-CERCHA_COL"  DOF "U1"
  LINKPROP  "CNX-CERCHA_COL"  DOF "U2"  FIXED "Yes"
  LINKPROP  "CNX-CERCHA_COL"  DOF "U3"  FIXED "Yes"
  LINKPROP  "CNX-CERCHA_COL"  DOF "R1"  FIXED "Yes"
  LINKPROP  "CNX-CERCHA_COL"  DOF "R2"  FIXED "Yes"
  LINKPROP  "CNX-CERCHA_COL"  DOF "R3"  FIXED "Yes"
  LINKPROP  "CNX-CERCHA_COL"  U1STIFF 15
  LINKPROP  "CONSTRAINT"  TYPE "LINEAR"
  LINKPROP  "CONSTRAINT"  DOF "U1"  FIXED "Yes"
  LINKPROP  "CONSTRAINT"  DOF "U2"  FIXED "Yes"
  LINKPROP  "CONSTRAINT"  DOF "U3"  FIXED "Yes"
  LINKPROP  "CONSTRAINT"  DOF "R1"  FIXED "Yes"
  LINKPROP  "CONSTRAINT"  DOF "R2"  FIXED "Yes"
  LINKPROP  "CONSTRAINT"  DOF "R3"  FIXED "Yes"

$ PIER/SPANDREL NAMES
  PIERNAME  "P1"
  SPANDRELNAME  "S1"

$ POINT COORDINATES
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  POINT "3"  0 0
  POINT "5"  -0.15 -0.04999997 3.377462
  POINT "6"  -0.15 -0.04999997 2.739673
  POINT "7"  -0.15 1.045487 3.377462
  POINT "8"  -0.15 1.045487 2.306826
  POINT "9"  -0.15 2.154549 2.967824
  POINT "10"  -0.15 2.154549 1.91005
  POINT "11"  -0.15 3.275997 2.596133
  POINT "12"  -0.15 3.275997 1.54977
  POINT "13"  -0.15 4.408632 2.262702
  POINT "14"  -0.15 4.408632 1.226371
  POINT "15"  -0.15 5.55124 1.967814
  POINT "16"  -0.15 5.55124 0.9401988
  POINT "17"  -0.15 6.7026 1.711724
  POINT "18"  -0.15 6.7026 0.6915606
  POINT "19"  -0.15 7.861476 1.494651
  POINT "20"  -0.15 7.861476 0.4807222
  POINT "21"  -0.15 9.02663 1.316786
  POINT "22"  -0.15 9.02663 0.3079095
  POINT "23"  -0.15 10.19681 1.178284
  POINT "24"  -0.15 10.19681 0.1733073
  POINT "25"  -0.15 11.37078 1.079266
  POINT "26"  -0.15 11.37078 0.07705984
  POINT "27"  -0.15 12.54726 1.019821
  POINT "28"  -0.15 12.54726 0.01927012
  POINT "29"  -0.15 13.725 1
  POINT "30"  -0.15 13.725
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  POINT "32"  -0.15 14.90274 0.01927012
  POINT "33"  -0.15 16.07922 1.079266
  POINT "34"  -0.15 16.07922 0.07705984
  POINT "35"  -0.15 17.25319 1.178284
  POINT "36"  -0.15 17.25319 0.1733073
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  POINT "46"  -0.15 23.04137 1.226371
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POINT "201"  9.15 24.174 2.596133
POINT "202"  9.15 24.174 1.54977
POINT "203"  9.15 25.29545 2.967824
POINT "204"  9.15 25.29545 1.91005
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POINT "226"  17.85 6.7026 0.6915606
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POINT "250"  17.85 20.7474 0.6915606
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POINT "254"  17.85 23.04137 1.226371
POINT "255"  17.85 24.174 2.596133
POINT "256"  17.85 24.174 1.54977
POINT "257"  17.85 25.29545 2.967824
POINT "258"  17.85 25.29545 1.91005
POINT "259"  17.85 26.40451 3.377462
POINT "260"  17.85 26.40451 2.306826
POINT "261"  17.85 27.5 3.377462
POINT "262"  17.85 27.5 2.739673
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POINT "266"  18.15 1.045487 2.306826
POINT "267"  18.15 2.154549 2.967824
POINT "268"  18.15 2.154549 1.91005
POINT "269"  18.15 3.275997 2.596133
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POINT "304"  18.15 23.04137 1.226371
POINT "305"  18.15 24.174 2.596133
POINT "306"  18.15 24.174 1.54977
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POINT "308"  18.15 25.29545 1.91005
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POINT "321"  26.85 2.154549 2.967824
POINT "322"  26.85 2.154549 1.91005
POINT "323"  26.85 3.275997 2.596133
POINT "324"  26.85 3.275997 1.54977
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  POINT "326"  26.85 4.408632 1.226371
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  POINT "328"  26.85 5.55124 0.9401988
  POINT "329"  26.85 6.7026 1.711724
  POINT "330"  26.85 6.7026 0.6915606
  POINT "331"  26.85 7.861476 1.494651
  POINT "332"  26.85 7.861476 0.4807222
  POINT "333"  26.85 9.02663 1.316786
  POINT "334"  26.85 9.02663 0.3079095
  POINT "335"  26.85 10.19681 1.178284
  POINT "336"  26.85 10.19681 0.1733073
  POINT "337"  26.85 11.37078 1.079266
  POINT "338"  26.85 11.37078 0.07705984
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$ LINK CONNECTIVITIES
  LINK  "K9"  POINT1  "CUMB"  "109"  POINT2  "CUMB"  "4"
  LINK  "K10"  POINT1  "CUMB"  "4"  POINT2  "CUMB"  "159"
  LINK  "K33"  POINT1  "CUMB"  "111"  POINT2  "CUMB"  "4"
  LINK  "K34"  POINT1  "CUMB"  "4"  POINT2  "CUMB"  "161"
  LINK  "K35"  POINT1  "CUB"  "107"  POINT2  "CUMB"  "4"
  LINK  "K41"  POINT1  "CUMB"  "157"  POINT2  "CUMB"  "419"
  LINK  "K42"  POINT1  "CUMB"  "419"  POINT2  "CUMB"  "207"
  LINK  "K43"  POINT1  "CUMB"  "155"  POINT2  "CUMB"  "419"
  LINK  "K44"  POINT1  "CUMB"  "419"  POINT2  "CUMB"  "205"
  LINK  "K45"  POINT1  "CUB"  "105"  POINT2  "CUMB"  "419"
  LINK  "K46"  POINT1  "CUMB"  "213"  POINT2  "CUMB"  "420"
  LINK  "K47"  POINT1  "CUMB"  "420"  POINT2  "CUMB"  "263"
  LINK  "K48"  POINT1  "CUMB"  "215"  POINT2  "CUMB"  "420"
  LINK  "K49"  POINT1  "CUMB"  "420"  POINT2  "CUMB"  "265"
  LINK  "K50"  POINT1  "CUB"  "211"  POINT2  "CUMB"  "420"
  LINK  "K51"  POINT1  "CUMB"  "261"  POINT2  "CUMB"  "421"
  LINK  "K52"  POINT1  "CUMB"  "421"  POINT2  "CUMB"  "311"
  LINK  "K53"  POINT1  "CUMB"  "259"  POINT2  "CUMB"  "421"
  LINK  "K54"  POINT1  "CUMB"  "421"  POINT2  "CUMB"  "309"
  LINK  "K55"  POINT1  "CUB"  "209"  POINT2  "CUMB"  "421"
  LINK  "K56"  POINT1  "CUMB"  "317"  POINT2  "CUMB"  "422"
  LINK  "K57"  POINT1  "CUMB"  "422"  POINT2  "CUMB"  "367"
  LINK  "K58"  POINT1  "CUMB"  "319"  POINT2  "CUMB"  "422"
  LINK  "K59"  POINT1  "CUMB"  "422"  POINT2  "CUMB"  "369"
  LINK  "K60"  POINT1  "CUB"  "315"  POINT2  "CUMB"  "422"
  LINK  "K61"  POINT1  "CUMB"  "365"  POINT2  "CUMB"  "423"
  LINK  "K62"  POINT1  "CUMB"  "423"  POINT2  "CUMB"  "415"
  LINK  "K63"  POINT1  "CUMB"  "363"  POINT2  "CUMB"  "423"
  LINK  "K64"  POINT1  "CUMB"  "423"  POINT2  "CUMB"  "413"
  LINK  "K65"  POINT1  "CUB"  "313"  POINT2  "CUMB"  "423"
  LINK  "K66"  POINT1  "CUMB"  "5"  POINT2  "CUMB"  "424"
  LINK  "K67"  POINT1  "CUMB"  "424"  POINT2  "CUMB"  "55"
  LINK  "K68"  POINT1  "CUMB"  "7"  POINT2  "CUMB"  "424"
  LINK  "K69"  POINT1  "CUMB"  "424"  POINT2  "CUMB"  "57"
  LINK  "K70"  POINT1  "CUB"  "3"  POINT2  "CUMB"  "424"
  LINK  "K71"  POINT1  "CUMB"  "53"  POINT2  "CUMB"  "425"
  LINK  "K72"  POINT1  "CUMB"  "425"  POINT2  "CUMB"  "103"
  LINK  "K73"  POINT1  "CUMB"  "51"  POINT2  "CUMB"  "425"
  LINK  "K74"  POINT1  "CUMB"  "425"  POINT2  "CUMB"  "101"
  LINK  "K75"  POINT1  "CUB"  "1"  POINT2  "CUMB"  "425"

$ GROUPS
  GROUP "PTOS DERIVA"
  GROUP "CORREAS"
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  GROUP "CORREAS"  LINE "B554"  "CUMB"
  GROUP "CORREAS"  LINE "B555"  "CUMB"
  GROUP "CORREAS"  LINE "B556"  "CUMB"
  GROUP "CORREAS"  LINE "B557"  "CUMB"
  GROUP "CORREAS"  LINE "B558"  "CUMB"
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  GROUP "CORREAS"  LINE "B607"  "CUMB"
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  GROUP "CORREAS"  LINE "B609"  "CUMB"
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GROUP "CORREAS"  LINE "B639"  "CUB"
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GROUP "CORDÓN SUPERIOR"  LINE "B478"  "CUMB"
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GROUP "CORDÓN INFERIOR"  LINE "B28"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B29"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B30"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B31"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B32"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B33"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B34"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B35"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B36"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B37"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B38"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B39"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B40"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B41"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B42"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B43"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B44"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "D28"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B45"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B46"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "D55"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B69"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B70"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B71"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B72"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B73"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B74"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B75"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B76"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B77"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B78"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B79"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B80"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B81"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B82"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B83"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B84"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B85"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B86"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B87"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B88"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "D56"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B90"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B92"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B93"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B94"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B97"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B98"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B99"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B100"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B101"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B102"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B103"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B104"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B105"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B106"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B107"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B108"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B109"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B110"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B111"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B112"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B113"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B114"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B115"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B116"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B117"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B118"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B119"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B120"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B121"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B122"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B123"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B125"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B127"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B129"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B131"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B132"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B133"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B134"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B139"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B140"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "D83"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B163"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B164"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B165"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B166"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B167"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B168"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B169"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B170"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B171"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B172"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B173"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B174"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B175"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B176"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B177"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B178"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B179"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B180"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B181"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B182"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "D84"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B183"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B184"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "D111"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B207"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B208"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B209"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B210"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B211"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B212"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B213"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B214"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B215"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B216"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B217"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B218"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B219"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B220"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B221"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B222"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B223"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B224"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B225"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B226"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "D112"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B228"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B230"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B231"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B232"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B235"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B236"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B237"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B238"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B239"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B240"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B241"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B242"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B243"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B244"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B245"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B246"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B247"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B248"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B249"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B250"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B251"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B252"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B253"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B254"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B255"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B256"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B257"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B258"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B259"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B260"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B261"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B263"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B265"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B267"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B269"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B270"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B271"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B272"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B277"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B278"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "D139"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B301"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B302"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B303"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B304"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B305"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B306"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B307"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B308"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B309"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B310"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B311"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B312"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B313"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B314"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B315"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B316"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B317"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B318"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B319"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B320"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "D140"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B321"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B322"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "D167"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B345"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B346"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B347"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B348"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B349"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B350"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B351"  "CUMB"
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GROUP "CORDÓN INFERIOR"  LINE "B352"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B353"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B354"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B355"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B356"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B357"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B358"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B359"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B360"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B361"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B362"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B363"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B364"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "D168"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B366"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B368"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B369"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B370"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B373"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B374"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B375"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B376"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B377"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B378"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B379"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B380"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B381"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B382"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B383"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B384"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B385"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B386"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B387"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B388"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B389"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B390"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B391"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B392"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B393"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B394"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B395"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B396"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B397"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B398"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B399"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B401"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B403"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B405"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B407"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B408"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B409"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B410"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B415"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B416"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "D195"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B439"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B440"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B441"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B442"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B443"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B444"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B445"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B446"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B447"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B448"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B449"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B450"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B451"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B452"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B453"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B454"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B455"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B456"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B457"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B458"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "D196"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B459"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B460"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "D223"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B483"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B484"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B485"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B486"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B487"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B488"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B489"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B490"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B491"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B492"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B493"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B494"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B495"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B496"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B497"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B498"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B499"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B500"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B501"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B502"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "D224"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B504"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B506"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B507"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B508"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B511"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B512"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B513"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B514"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B515"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B516"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B517"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B518"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B519"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B520"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B521"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B522"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B523"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B524"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B525"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B526"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B527"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B528"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B529"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B530"  "CUMB"
GROUP "CORDÓN INFERIOR"  LINE "B531"  "CUMB"
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GROUP "CORDÓN INFERIOR"  LINE "B533"  "CUMB"
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  GROUP "DIAGONALES"  LINE "D181"  "CUMB"
  GROUP "DIAGONALES"  LINE "D182"  "CUMB"
  GROUP "DIAGONALES"  LINE "D183"  "CUMB"
  GROUP "DIAGONALES"  LINE "D184"  "CUMB"
  GROUP "DIAGONALES"  LINE "D185"  "CUMB"
  GROUP "DIAGONALES"  LINE "D186"  "CUMB"
  GROUP "DIAGONALES"  LINE "D187"  "CUMB"
  GROUP "DIAGONALES"  LINE "D188"  "CUMB"
  GROUP "DIAGONALES"  LINE "D189"  "CUMB"
  GROUP "DIAGONALES"  LINE "D190"  "CUMB"
  GROUP "DIAGONALES"  LINE "D191"  "CUMB"
  GROUP "DIAGONALES"  LINE "D192"  "CUMB"
  GROUP "DIAGONALES"  LINE "D197"  "CUMB"
  GROUP "DIAGONALES"  LINE "D198"  "CUMB"
  GROUP "DIAGONALES"  LINE "D199"  "CUMB"
  GROUP "DIAGONALES"  LINE "D200"  "CUMB"
  GROUP "DIAGONALES"  LINE "D201"  "CUMB"
  GROUP "DIAGONALES"  LINE "D202"  "CUMB"
  GROUP "DIAGONALES"  LINE "D203"  "CUMB"
  GROUP "DIAGONALES"  LINE "D204"  "CUMB"
  GROUP "DIAGONALES"  LINE "D205"  "CUMB"
  GROUP "DIAGONALES"  LINE "D206"  "CUMB"
  GROUP "DIAGONALES"  LINE "D207"  "CUMB"
  GROUP "DIAGONALES"  LINE "D208"  "CUMB"
  GROUP "DIAGONALES"  LINE "D209"  "CUMB"
  GROUP "DIAGONALES"  LINE "D210"  "CUMB"
  GROUP "DIAGONALES"  LINE "D211"  "CUMB"
  GROUP "DIAGONALES"  LINE "D212"  "CUMB"
  GROUP "DIAGONALES"  LINE "D213"  "CUMB"
  GROUP "DIAGONALES"  LINE "D214"  "CUMB"
  GROUP "DIAGONALES"  LINE "D215"  "CUMB"
  GROUP "DIAGONALES"  LINE "D216"  "CUMB"
  GROUP "DIAGONALES"  LINE "D217"  "CUMB"
  GROUP "DIAGONALES"  LINE "D218"  "CUMB"
  GROUP "DIAGONALES"  LINE "D219"  "CUMB"
  GROUP "DIAGONALES"  LINE "D220"  "CUMB"
  GROUP "DIAGONALES"  LINE "B544"  "CUMB"
  GROUP "COLUMNAS"
  GROUP "COLUMNAS"  LINE "C209"  "CUB"
  GROUP "COLUMNAS"  LINE "C210"  "CUB"
  GROUP "COLUMNAS"  LINE "C211"  "CUB"
  GROUP "COLUMNAS"  LINE "C212"  "CUB"
  GROUP "COLUMNAS"  LINE "C213"  "CUB"
  GROUP "COLUMNAS"  LINE "C214"  "CUB"
  GROUP "COLUMNAS"  LINE "C215"  "CUB"
  GROUP "COLUMNAS"  LINE "C216"  "CUB"
  GROUP "VIGAS"
  GROUP "VIGAS"  LINE "B634"  "CUB"
  GROUP "VIGAS"  LINE "B635"  "CUB"
  GROUP "VIGAS"  LINE "B636"  "CUB"
  GROUP "VIGAS"  LINE "B637"  "CUB"
  GROUP "VIGAS"  LINE "B638"  "CUB"
  GROUP "VIGAS"  LINE "B639"  "CUB"

$ POINT ASSIGNS
  POINTASSIGN  "1"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "1"  "CUB"  USERJOINT  "Yes"
  POINTASSIGN  "3"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "3"  "CUB"  USERJOINT  "Yes"
  POINTASSIGN  "57"  "CUMB"  USERJOINT  "Yes"
  POINTASSIGN  "101"  "CUMB"  USERJOINT  "Yes"
  POINTASSIGN  "103"  "CUMB"  USERJOINT  "Yes"
  POINTASSIGN  "55"  "CUMB"  USERJOINT  "Yes"
  POINTASSIGN  "5"  "CUMB"  USERJOINT  "Yes"
  POINTASSIGN  "7"  "CUMB"  USERJOINT  "Yes"
  POINTASSIGN  "51"  "CUMB"  USERJOINT  "Yes"
  POINTASSIGN  "53"  "CUMB"  USERJOINT  "Yes"
  POINTASSIGN  "105"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "107"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "209"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "211"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  USERJOINT
"Yes"
  POINTASSIGN  "313"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"
  POINTASSIGN  "315"  "Base"  RESTRAINT "UX UY UZ RX RY RZ"  USERJOINT
"Yes"
  POINTASSIGN  "419"  "CUMB"  USERJOINT  "Yes"
  POINTASSIGN  "424"  "CUMB"  USERJOINT  "Yes"
  POINTASSIGN  "425"  "CUMB"  USERJOINT  "Yes"

$ LINE ASSIGNS
  LINEASSIGN  "C209"  "CUB"  SECTION "C-0.60x0.80"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C210"  "CUB"  SECTION "C-0.60x0.80"  MINNUMSTA 3 AUTOMESH
"YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C3"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C4"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C5"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C6"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C7"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C8"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C9"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C10"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C11"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C12"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C13"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C14"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C15"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C16"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C17"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C18"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C19"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C20"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C21"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C22"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C23"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C24"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C25"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C26"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C27"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M2I
M2J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D1"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
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  LINEASSIGN  "D2"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D3"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D4"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D5"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D6"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D7"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D8"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D9"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D10"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D11"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D12"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D13"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D14"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D15"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D16"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D17"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D18"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D19"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D20"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D21"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D22"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D23"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D24"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M3I
M3J"MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B1"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B2"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D25"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B3"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B4"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B5"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B6"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B7"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B8"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B9"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B10"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B11"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B12"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B13"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B14"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B15"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B16"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B17"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B18"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B19"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B20"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B21"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B22"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B23"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B24"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D26"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D27"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B25"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B26"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B27"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B28"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B29"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B30"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B31"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B32"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B33"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B34"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B35"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B36"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B37"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B38"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B39"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B40"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B41"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B42"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B43"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B44"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D28"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C28"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C29"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C30"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C31"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C32"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C33"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C34"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C35"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C36"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C37"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C38"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C39"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C40"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C41"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C42"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C43"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C44"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C45"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C46"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C47"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C48"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C49"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C50"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C51"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C52"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D29"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D30"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D31"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D32"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D33"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D34"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D35"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D36"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D37"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D38"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
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  LINEASSIGN  "D39"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D40"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D41"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D42"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D43"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D44"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D45"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D46"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D47"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D48"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D49"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D50"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D51"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D52"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B45"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B46"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D53"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B47"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B48"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B49"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B50"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B51"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B52"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B53"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B54"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B55"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B56"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B57"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B58"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B59"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B60"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B61"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B62"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B63"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B64"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B65"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B66"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B67"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B68"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D54"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D55"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B69"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B70"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B71"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B72"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B73"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B74"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B75"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B76"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B77"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B78"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B79"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B80"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B81"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B82"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B83"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B84"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B85"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B86"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B87"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B88"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D56"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B89"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B90"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B91"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B92"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B93"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B94"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B95"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B96"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B97"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B98"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B99"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B100"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B101"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B102"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B103"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B104"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B105"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B106"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B107"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B108"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B109"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B110"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B111"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B112"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B113"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B114"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B115"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B116"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B117"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B118"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B119"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B120"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B121"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B122"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B123"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B124"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B125"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B126"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B127"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B128"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B129"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B130"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B131"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B132"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
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  LINEASSIGN  "B133"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B134"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B135"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B136"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B137"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B138"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C211"  "CUB"  SECTION "C-0.60x0.80"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C212"  "CUB"  SECTION "C-0.60x0.80"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C55"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C56"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C57"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C58"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C59"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C60"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C61"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C62"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C63"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C64"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C65"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C66"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C67"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C68"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C69"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C70"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C71"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C72"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C73"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C74"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C75"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C76"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C77"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C78"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C79"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D57"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D58"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D59"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D60"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D61"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D62"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D63"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D64"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D65"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D66"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D67"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D68"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D69"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D70"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D71"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D72"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D73"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D74"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D75"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D76"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D77"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D78"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D79"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D80"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B139"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B140"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D81"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B141"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B142"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B143"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B144"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B145"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B146"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B147"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B148"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B149"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B150"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B151"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B152"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B153"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B154"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B155"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B156"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B157"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B158"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B159"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B160"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B161"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B162"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D82"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D83"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B163"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B164"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B165"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B166"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B167"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B168"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B169"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B170"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B171"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B172"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B173"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B174"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B175"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B176"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B177"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B178"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B179"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B180"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B181"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B182"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D84"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C80"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
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  LINEASSIGN  "C81"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C82"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C83"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C84"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C85"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C86"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C87"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C88"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C89"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C90"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C91"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C92"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C93"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C94"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C95"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C96"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C97"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C98"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C99"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C100"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C101"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C102"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C103"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C104"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D85"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D86"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D87"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D88"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D89"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D90"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D91"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D92"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D93"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D94"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D95"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D96"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D97"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D98"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D99"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D100"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D101"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D102"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D103"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D104"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D105"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D106"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D107"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D108"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B183"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B184"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D109"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B185"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B186"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B187"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B188"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B189"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B190"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B191"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B192"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B193"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B194"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B195"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B196"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B197"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B198"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B199"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B200"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B201"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B202"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B203"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B204"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B205"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B206"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D110"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D111"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B207"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B208"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B209"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B210"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B211"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B212"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B213"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B214"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B215"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B216"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B217"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B218"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B219"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B220"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B221"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B222"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B223"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B224"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B225"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B226"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B112"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B227"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B228"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B229"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B230"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B231"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B232"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B233"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B234"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B235"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B236"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
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  LINEASSIGN  "B237"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B238"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B239"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B240"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B241"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B242"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B243"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B244"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B245"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B246"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B247"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B248"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B249"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B250"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B251"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B252"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B253"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B254"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B255"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B256"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B257"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B258"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B259"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B260"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B261"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B262"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B263"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B264"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B265"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B266"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B267"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B268"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B269"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B270"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B271"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B272"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B273"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B274"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B275"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B276"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C213"  "CUB"  SECTION "C-0.60x0.80"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C214"  "CUB"  SECTION "C-0.60x0.80"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C107"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C108"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C109"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C110"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C111"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C112"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C113"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C114"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C115"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C116"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C117"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C118"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C119"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C120"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C121"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C122"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C123"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C124"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C125"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C126"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C127"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C128"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C129"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C130"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C131"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D113"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D114"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D115"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D116"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D117"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D118"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D119"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D120"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D121"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D122"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D123"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D124"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D125"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D126"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D127"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D128"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D129"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D130"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D131"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D132"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D133"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D134"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D135"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D136"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B277"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B278"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D137"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B279"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B280"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B281"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B282"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B283"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B284"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B285"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B286"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B287"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B288"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B289"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B290"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
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  LINEASSIGN  "B291"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B292"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B293"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B294"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B295"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B296"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B297"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B298"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B299"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B300"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D138"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D139"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B301"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B302"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B303"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B304"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B305"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B306"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B307"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B308"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B309"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B310"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B311"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B312"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B313"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B314"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B315"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B316"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B317"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B318"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B319"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B320"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D140"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C132"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C133"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C134"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C135"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C136"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C137"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C138"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C139"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C140"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C141"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C142"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C143"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C144"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C145"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C146"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C147"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C148"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C149"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C150"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C151"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C152"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C153"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C154"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C155"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C156"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D141"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D142"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D143"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D144"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D145"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D146"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D147"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D148"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D149"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D150"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D151"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D152"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D153"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D154"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D155"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D156"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D157"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D158"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D159"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D160"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D161"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D162"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D163"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D164"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B321"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B322"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D165"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B323"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B324"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B325"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B326"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B327"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B328"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B329"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B330"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B331"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B332"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B333"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B334"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B335"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B336"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B337"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B338"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B339"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B340"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B341"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B342"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B343"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
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  LINEASSIGN  "B344"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D166"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D167"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B345"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B346"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B347"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B348"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B349"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B350"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B351"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B352"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B353"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B354"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B355"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B356"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B357"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B358"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B359"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B360"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B361"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B362"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B363"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B364"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D168"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B365"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B366"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B367"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B368"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B369"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B370"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B371"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B372"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B373"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B374"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B375"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B376"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B377"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B378"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B379"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B380"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B381"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B382"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B383"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B384"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B385"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B386"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B387"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B388"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B389"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B390"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B391"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B392"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B393"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B394"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B395"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B396"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B397"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B398"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B399"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B400"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B401"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B402"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B403"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B404"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B405"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B406"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B407"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B408"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B409"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B410"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B411"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B412"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B413"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B414"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C215"  "CUB"  SECTION "C-0.60x0.80"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C216"  "CUB"  SECTION "C-0.60x0.80"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C159"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C160"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C161"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C162"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C163"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C164"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C165"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C166"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C167"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C168"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C169"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C170"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C171"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C172"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C173"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C174"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C175"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C176"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C177"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C178"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C179"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C180"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C181"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C182"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C183"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D169"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D170"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D171"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D172"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D173"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
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  LINEASSIGN  "D174"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D175"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D176"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D177"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D178"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D179"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D180"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D181"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D182"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D183"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D184"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D185"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D186"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D187"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D188"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D189"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D190"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D191"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D192"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B415"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B416"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D193"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B417"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B418"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B419"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B420"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B421"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B422"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B423"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B424"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B425"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B426"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B427"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B428"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B429"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B430"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B431"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B432"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B433"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B434"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B435"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B436"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B437"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B438"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D194"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D195"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B439"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B440"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B441"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B442"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B443"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B444"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B445"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B446"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B447"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B448"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B449"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B450"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B451"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B452"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B453"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B454"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B455"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B456"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B457"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B458"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D196"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C184"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C185"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C186"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C187"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C188"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C189"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C190"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C191"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C192"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C193"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C194"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C195"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C196"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C197"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C198"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C199"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C200"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C201"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C202"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C203"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C204"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C205"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C206"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C207"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "C208"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M2I
M2J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D197"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D198"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D199"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D200"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D201"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D202"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D203"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D204"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D205"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D206"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D207"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D208"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D209"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D210"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
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  LINEASSIGN  "D211"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D212"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D213"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D214"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D215"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D216"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D217"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D218"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D219"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D220"  "CUMB"  SECTION "PTE-75x75x6"  RELEASE "M3I
M3J"CARDINALPT 8  MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B459"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B460"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D221"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B461"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B462"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B463"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B464"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B465"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B466"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B467"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B468"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B469"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B470"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B471"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B472"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B473"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B474"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B475"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B476"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B477"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B478"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B479"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B480"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B481"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B482"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D222"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D223"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B483"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B484"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B485"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B486"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B487"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B488"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B489"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B490"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B491"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B492"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B493"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B494"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B495"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B496"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B497"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B498"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B499"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B500"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B501"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B502"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "D224"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MINNUMSTA 3 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B503"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B504"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B505"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B506"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B507"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B508"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B509"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B510"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B511"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B512"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B513"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B514"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B515"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B516"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B517"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B518"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B519"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B520"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B521"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B522"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B523"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B524"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B525"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B526"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B527"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B528"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B529"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B530"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B531"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B532"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B533"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B534"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B535"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B536"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B537"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B538"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B539"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B540"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B541"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B542"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B543"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B544"  "CUMB"  SECTION "PTE-50x50x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B545"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B546"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B547"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B548"  "CUMB"  SECTION "PTE-75x75x6"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B549"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B550"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
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  LINEASSIGN  "B551"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B552"  "CUMB"  SECTION "PTE-50x50x2.5"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B553"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  22.46 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B554"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  20.58 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B555"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  19 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B556"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  17 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B557"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  14.96 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B558"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  14 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B559"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  12 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B560"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  9.33 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B561"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  7.46 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B562"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  5.59 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B563"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  4 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B564"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  1.81 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B565"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -1.81 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B566"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -1.81 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B567"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -4 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B568"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -5.59 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B569"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -7.46 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B570"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -9.33 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B571"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -12 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B572"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -14 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B573"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -14.96 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B574"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -17 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B575"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -19 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B576"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -20.58 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B577"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -22.46 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B578"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  22.46 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B579"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  20.58 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B580"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  19 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B581"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  17 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B582"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  14.96 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B583"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  14 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B584"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  12 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B585"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  9.33 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B586"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  7.46 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B587"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  5.59 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B588"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  4 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B589"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  1.81 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B590"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -1.81 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B591"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -1.81 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B592"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -4 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B593"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -5.59 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B594"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -7.46 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B595"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -9.33 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B596"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -12 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B597"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -14 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B598"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -14.96 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B599"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -17 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B600"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -19 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B601"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -20.58 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B602"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -22.46 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B603"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  22.46 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B604"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  20.58 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B605"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  19 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B606"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  17 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B607"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  14.96 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B608"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  14 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B609"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  12 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B610"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  9.33 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B611"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  7.46 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B612"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  5.59 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B613"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  4 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B614"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  1.81 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B615"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -1.81 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B616"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -1.81 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B617"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -4 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B618"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -5.59 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B619"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -7.46 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B620"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -9.33 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B621"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -12 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
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  LINEASSIGN  "B622"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -14 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B623"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -14.96 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B624"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -17 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B625"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -19 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B626"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -20.58 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B627"  "CUMB"  SECTION "2PHR 220x80x2.5"  RELEASE "M3I
M3J"CARDINALPT 8  ANG  -22.46 MAXSTASPC 0.5 AUTOMESH "YES"
MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B634"  "CUB"  SECTION "VG-0.30x0.50"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B635"  "CUB"  SECTION "VG-0.30x0.50"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B636"  "CUB"  SECTION "VG-0.30x0.50"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B637"  "CUB"  SECTION "VG-0.30x0.50"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B638"  "CUB"  SECTION "VG-0.30x0.50"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B639"  "CUB"  SECTION "VG-0.30x0.50"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B629"  "CUMB"  SECTION "VT-0.12x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"
  LINEASSIGN  "B632"  "CUMB"  SECTION "VT-0.12x0.35"  CARDINALPT 8
MAXSTASPC 0.5 AUTOMESH "YES"  MESHATINTERSECTIONS "YES"

$ LINK ASSIGNS
  LINKASSIGN  "K9"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K10"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K33"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K34"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K35"  PROPERTY  "CNX-CERCHA_COL"
  LINKASSIGN  "K41"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K42"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K43"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K44"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K45"  PROPERTY  "CNX-CERCHA_COL"
  LINKASSIGN  "K46"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K47"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K48"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K49"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K50"  PROPERTY  "CNX-CERCHA_COL"
  LINKASSIGN  "K51"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K52"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K53"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K54"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K55"  PROPERTY  "CNX-CERCHA_COL"
  LINKASSIGN  "K56"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K57"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K58"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K59"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K60"  PROPERTY  "CNX-CERCHA_COL"
  LINKASSIGN  "K61"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K62"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K63"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K64"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K65"  PROPERTY  "CNX-CERCHA_COL"
  LINKASSIGN  "K66"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K67"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K68"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K69"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K70"  PROPERTY  "CNX-CERCHA_COL"
  LINKASSIGN  "K71"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K72"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K73"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K74"  PROPERTY  "CONSTRAINT"
  LINKASSIGN  "K75"  PROPERTY  "CNX-CERCHA_COL"

$ LOAD PATTERNS
  LOADPATTERN "D"  TYPE  "Dead"  SELFWEIGHT  1
  LOADPATTERN "L"  TYPE  "Live"  SELFWEIGHT  0
  LOADPATTERN "Lr"  TYPE  "Roof Live"  SELFWEIGHT  0
  LOADPATTERN "G"  TYPE  "Snow"  SELFWEIGHT  0
  LOADPATTERN "W"  TYPE  "Wind"  SELFWEIGHT  0
  LOADPATTERN "H"  TYPE  "Live"  SELFWEIGHT  0
  LOADPATTERN "F"  TYPE  "Dead"  SELFWEIGHT  0
  LOADPATTERN "T"  TYPE  "Dead"  SELFWEIGHT  0
  LOADPATTERN "Le"  TYPE  "Roof Live"  SELFWEIGHT  0
  LOADPATTERN "Fsx"  TYPE  "Seismic (Drift)"  SELFWEIGHT  0
  LOADPATTERN "Fsy"  TYPE  "Seismic (Drift)"  SELFWEIGHT  0
  LOADPATTERN "Ex"  TYPE  "Seismic"  SELFWEIGHT  0
  LOADPATTERN "Ey"  TYPE  "Seismic"  SELFWEIGHT  0
  LOADPATTERN "PP"  TYPE  "Dead"  SELFWEIGHT  1
  SEISMIC "Fsy"  "User Coefficient"    DIR "Y+ECC"  ECC 0.05  TOPSTORY
"CUMB"    BOTTOMSTORY "Base"    SHEARCOEFF 0.5625  HEIGHTEXPONENT 1
  SEISMIC "Ex"  "User Coefficient"    DIR "X+ECC X-ECC"  ECC 0.05
TOPSTORY "CUMB"    BOTTOMSTORY "Base"    SHEARCOEFF 0.1875
HEIGHTEXPONENT 1
  SEISMIC "Ey"  "User Coefficient"    DIR "Y+ECC Y-ECC"  ECC 0.05
TOPSTORY "CUMB"    BOTTOMSTORY "Base"    SHEARCOEFF 0.1875
HEIGHTEXPONENT 1
  SEISMIC "Fsx"  "User Coefficient"    DIR "X+ECC"  ECC 0.05  TOPSTORY
"CUMB"    BOTTOMSTORY "Base"    SHEARCOEFF 0.5625  HEIGHTEXPONENT 1

$ POINT OBJECT LOADS

$ FRAME OBJECT LOADS
  LINELOAD  "B553"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B553"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B553"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B554"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B554"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B554"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B555"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B555"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B555"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B556"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B556"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B556"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B557"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B557"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B557"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B558"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B558"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B558"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B559"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B559"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B559"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B560"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B560"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B560"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B561"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B561"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B561"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B562"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B562"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B562"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B563"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B563"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B563"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B564"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B564"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B564"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B565"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B565"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B565"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B566"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B566"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B566"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B567"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B567"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B567"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B568"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B568"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B568"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B569"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B569"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B569"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B570"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B570"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B570"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B571"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B571"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B571"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B572"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B572"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B572"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B573"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B573"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B573"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
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  LINELOAD  "B574"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B574"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B575"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B575"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B575"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B576"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B576"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B576"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B577"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B577"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B577"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B578"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B578"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B578"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B579"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B579"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B579"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B580"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B580"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B580"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
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0.3265772
  LINELOAD  "B581"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B581"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B582"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B582"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B582"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B583"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B583"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B583"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B584"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B584"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B584"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B585"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B585"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
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  LINELOAD  "B585"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B586"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B586"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B586"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B587"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B587"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B587"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B588"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
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  LINELOAD  "B588"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
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  LINELOAD  "B588"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
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  LINELOAD  "B589"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
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  LINELOAD  "B590"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
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  LINELOAD  "B591"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
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  LINELOAD  "B592"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B592"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B592"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B593"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
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  LINELOAD  "B593"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
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  LINELOAD  "B593"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B594"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
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  LINELOAD  "B594"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B594"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B595"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B595"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B595"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B596"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
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  LINELOAD  "B596"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
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  LINELOAD  "B596"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
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  LINELOAD  "B597"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
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  LINELOAD  "B598"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
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  LINELOAD  "B598"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B598"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
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0.5742519
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0.3265772
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0.5742519
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  LINELOAD  "B614"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B614"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
  LINELOAD  "B615"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B615"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B615"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL -0.95
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  LINELOAD  "B616"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B616"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B616"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B617"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B617"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B617"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B618"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B618"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B618"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B619"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B619"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B619"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B620"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B620"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B620"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B621"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B621"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B621"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B622"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B622"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B622"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B623"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B623"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B623"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B624"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B624"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B624"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B625"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B625"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B625"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B626"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B626"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B626"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3
  LINELOAD  "B627"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "D"  FVAL
0.3265772
  LINELOAD  "B627"  "CUMB"  TYPE "UNIFF"  DIR "GRAV"  LC "Lr"  FVAL
0.5742519
  LINELOAD  "B627"  "CUMB"  TYPE "UNIFF"  DIR "2"  LC "W"  FVAL 0.3

$ ANALYSIS OPTIONS
  ACTIVEDOF "UX UY UZ RX RY RZ"
  MODELHINGESINLINKS "Yes"  HINGEDAMPINGOPTION "KT"
  PDELTA  METHOD "NONE"
  AUTORECTMESH  LOCALIZEDFLOORMESHING  "Yes"  FLOORMESHMERGEJOINTS  "Yes"
FLOORMESHMAXSIZE  1.25 WALLMESHMAXSIZE  1.25

$ MASS SOURCE
  MASSSOURCE  "MsSrc1"    INCLUDEELEMENTS "No"    INCLUDEADDEDMASS "No"
INCLUDELOADS "Yes"    INCLUDEMOVE "No"    INCLUDELATERALMASS "Yes"
INCLUDEVERTICALMASS "No"    LUMPATSTORIES "Yes"    ISDEFAULT "Yes"
  MASSSOURCELOAD  "MsSrc1"  "D"  1

$ FUNCTIONS
  FUNCTION "RampTH"  FUNCTYPE "HISTORY"  HISTTYPE "USER"
  FUNCTION "RampTH"  TIMEVAL "0  0  1  1  4  1"
  FUNCTION "UnifTH"  FUNCTYPE "HISTORY"  HISTTYPE "USER"
  FUNCTION "UnifTH"  TIMEVAL "0  1  1  1"

$ GENERALIZED DISPLACEMENTS

$ LOAD CASES
  LOADCASE "Modal"  TYPE  "Modal - Eigen"  INITCOND  "PRESET"
  LOADCASE "Modal"  MAXMODES  60 MINMODES  1 EIGENSHIFTFREQ  0
EIGENCUTOFF  0 EIGENTOL  1E-09
  LOADCASE "D"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "D"  LOADPAT  "D"  SF  1
  LOADCASE "L"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "L"  LOADPAT  "L"  SF  1
  LOADCASE "Lr"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "Lr"  LOADPAT  "Lr"  SF  1
  LOADCASE "G"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "G"  LOADPAT  "G"  SF  1
  LOADCASE "W"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "W"  LOADPAT  "W"  SF  1
  LOADCASE "H"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "H"  LOADPAT  "H"  SF  1
  LOADCASE "F"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "F"  LOADPAT  "F"  SF  1
  LOADCASE "T"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "T"  LOADPAT  "T"  SF  1
  LOADCASE "Le"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "Le"  LOADPAT  "Le"  SF  1
  LOADCASE "Fsx"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "Fsx"  LOADPAT  "Fsx"  SF  1
  LOADCASE "Fsy"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "Fsy"  LOADPAT  "Fsy"  SF  1
  LOADCASE "Ex"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "Ex"  LOADPAT  "Ex"  SF  1
  LOADCASE "Ey"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "Ey"  LOADPAT  "Ey"  SF  1
  LOADCASE "PP"  TYPE  "Linear Static"  INITCOND  "PRESET"
  LOADCASE "PP"  LOADPAT  "PP"  SF  1

$ LOAD COMBINATIONS
  COMBO "COMB1"  TYPE "Linear Add"
  COMBO "COMB1"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "COMB1"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB1"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB1"  LOADCASE "D"  SF 1.4
  COMBO "COMB1"  LOADCASE "F"  SF 1.4
  COMBO "COMB2A"  TYPE "Linear Add"
  COMBO "COMB2A"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "COMB2A"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB2A"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB2A"  LOADCASE "D"  SF 1.2
  COMBO "COMB2A"  LOADCASE "F"  SF 1.2
  COMBO "COMB2A"  LOADCASE "T"  SF 1.2
  COMBO "COMB2A"  LOADCASE "L"  SF 1.6
  COMBO "COMB2A"  LOADCASE "H"  SF 1.6
  COMBO "COMB2A"  LOADCASE "Lr"  SF 0.5
  COMBO "COMB2B"  TYPE "Linear Add"
  COMBO "COMB2B"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "COMB2B"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB2B"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB2B"  LOADCASE "D"  SF 1.2
  COMBO "COMB2B"  LOADCASE "F"  SF 1.2
  COMBO "COMB2B"  LOADCASE "T"  SF 1.2
  COMBO "COMB2B"  LOADCASE "L"  SF 1.6
  COMBO "COMB2B"  LOADCASE "H"  SF 1.6
  COMBO "COMB2B"  LOADCASE "G"  SF 0.5
  COMBO "COMB2C"  TYPE "Linear Add"
  COMBO "COMB2C"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "COMB2C"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB2C"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB2C"  LOADCASE "D"  SF 1.2
  COMBO "COMB2C"  LOADCASE "F"  SF 1.2
  COMBO "COMB2C"  LOADCASE "T"  SF 1.2
  COMBO "COMB2C"  LOADCASE "L"  SF 1.6
  COMBO "COMB2C"  LOADCASE "H"  SF 1.6
  COMBO "COMB2C"  LOADCASE "Le"  SF 0.5
  COMBO "COMB3A"  TYPE "Linear Add"
  COMBO "COMB3A"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "COMB3A"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB3A"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB3A"  LOADCASE "D"  SF 1.2
  COMBO "COMB3A"  LOADCASE "Lr"  SF 1.6
  COMBO "COMB3A"  LOADCASE "L"  SF 1
  COMBO "COMB3B"  TYPE "Linear Add"
  COMBO "COMB3B"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "COMB3B"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB3B"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB3B"  LOADCASE "D"  SF 1.2
  COMBO "COMB3B"  LOADCASE "Lr"  SF 1.6
  COMBO "COMB3B"  LOADCASE "W"  SF 0.8
  COMBO "COMB3C"  TYPE "Linear Add"
  COMBO "COMB3C"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "COMB3C"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB3C"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB3C"  LOADCASE "D"  SF 1.2
  COMBO "COMB3C"  LOADCASE "G"  SF 1.6
  COMBO "COMB3C"  LOADCASE "L"  SF 1
  COMBO "COMB3D"  TYPE "Linear Add"
  COMBO "COMB3D"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "COMB3D"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB3D"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB3D"  LOADCASE "D"  SF 1.2
  COMBO "COMB3D"  LOADCASE "G"  SF 1.6
  COMBO "COMB3D"  LOADCASE "W"  SF 0.8
  COMBO "COMB3E"  TYPE "Linear Add"
  COMBO "COMB3E"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "COMB3E"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB3E"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB3E"  LOADCASE "D"  SF 1.2
  COMBO "COMB3E"  LOADCASE "Le"  SF 1.6
  COMBO "COMB3E"  LOADCASE "L"  SF 1
  COMBO "COMB3F"  TYPE "Linear Add"
  COMBO "COMB3F"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "COMB3F"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB3F"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB3F"  LOADCASE "D"  SF 1.2
  COMBO "COMB3F"  LOADCASE "Le"  SF 1.6
  COMBO "COMB3F"  LOADCASE "W"  SF 0.8
  COMBO "COMB4A"  TYPE "Linear Add"
  COMBO "COMB4A"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "COMB4A"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB4A"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB4A"  LOADCASE "D"  SF 1.2
  COMBO "COMB4A"  LOADCASE "W"  SF 1.6
  COMBO "COMB4A"  LOADCASE "L"  SF 1
  COMBO "COMB4A"  LOADCASE "Lr"  SF 0.5
  COMBO "COMB4B"  TYPE "Linear Add"
  COMBO "COMB4B"  DESIGN "Steel"  COMBOTYPE "Strength"
  COMBO "COMB4B"  DESIGN "Concrete"  COMBOTYPE "Strength"
  COMBO "COMB4B"  DESIGN "Wall"  COMBOTYPE "Strength"
  COMBO "COMB4B"  LOADCASE "D"  SF 1.2
  COMBO "COMB4B"  LOADCASE "W"  SF 1.6
  COMBO "COMB4B"  LOADCASE "L"  SF 1
  COMBO "COMB4B"  LOADCASE "G"  SF 0.5
  COMBO "COMB4C"  TYPE "Linear Add"
  COMBO "COMB4C"  DESIGN "Steel"  COMBOTYPE "Strength"
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COMBO "COMB4C"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB4C"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB4C"  LOADCASE "D"  SF 1.2
COMBO "COMB4C"  LOADCASE "W"  SF 1.6
COMBO "COMB4C"  LOADCASE "L"  SF 1
COMBO "COMB4C"  LOADCASE "Le"  SF 0.5
COMBO "COMB5A"  TYPE "Linear Add"
COMBO "COMB5A"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5A"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5A"  LOADCASE "D"  SF 1.2
COMBO "COMB5A"  LOADCASE "L"  SF 1
COMBO "COMB5A"  LOADCASE "Ex"  SF 1
COMBO "COMB5A"  LOADCASE "Ey"  SF 0.3
COMBO "COMB5B"  TYPE "Linear Add"
COMBO "COMB5B"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5B"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5B"  LOADCASE "D"  SF 1.2
COMBO "COMB5B"  LOADCASE "L"  SF 1
COMBO "COMB5B"  LOADCASE "Ex"  SF 1
COMBO "COMB5B"  LOADCASE "Ey"  SF -0.3
COMBO "COMB5C"  TYPE "Linear Add"
COMBO "COMB5C"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5C"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5C"  LOADCASE "D"  SF 1.2
COMBO "COMB5C"  LOADCASE "L"  SF 1
COMBO "COMB5C"  LOADCASE "Ex"  SF -1
COMBO "COMB5C"  LOADCASE "Ey"  SF 0.3
COMBO "COMB5D"  TYPE "Linear Add"
COMBO "COMB5D"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5D"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5D"  LOADCASE "D"  SF 1.2
COMBO "COMB5D"  LOADCASE "L"  SF 1
COMBO "COMB5D"  LOADCASE "Ex"  SF -1
COMBO "COMB5D"  LOADCASE "Ey"  SF -0.3
COMBO "COMB5E"  TYPE "Linear Add"
COMBO "COMB5E"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5E"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5E"  LOADCASE "D"  SF 1.2
COMBO "COMB5E"  LOADCASE "L"  SF 1
COMBO "COMB5E"  LOADCASE "Ex"  SF 0.3
COMBO "COMB5E"  LOADCASE "Ey"  SF 1
COMBO "COMB5F"  TYPE "Linear Add"
COMBO "COMB5F"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5F"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5F"  LOADCASE "D"  SF 1.2
COMBO "COMB5F"  LOADCASE "L"  SF 1
COMBO "COMB5F"  LOADCASE "Ex"  SF 0.3
COMBO "COMB5F"  LOADCASE "Ey"  SF -1
COMBO "COMB5G"  TYPE "Linear Add"
COMBO "COMB5G"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5G"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5G"  LOADCASE "D"  SF 1.2
COMBO "COMB5G"  LOADCASE "L"  SF 1
COMBO "COMB5G"  LOADCASE "Ex"  SF -0.3
COMBO "COMB5G"  LOADCASE "Ey"  SF 1
COMBO "COMB5H"  TYPE "Linear Add"
COMBO "COMB5H"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB5H"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB5H"  LOADCASE "D"  SF 1.2
COMBO "COMB5H"  LOADCASE "L"  SF 1
COMBO "COMB5H"  LOADCASE "Ex"  SF -0.3
COMBO "COMB5H"  LOADCASE "Ey"  SF -1
COMBO "COMB6"  TYPE "Linear Add"
COMBO "COMB6"  DESIGN "Steel"  COMBOTYPE "Strength"
COMBO "COMB6"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB6"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB6"  LOADCASE "D"  SF 0.9
COMBO "COMB6"  LOADCASE "W"  SF 1.6
COMBO "COMB6"  LOADCASE "H"  SF 1.6
COMBO "COMB7A"  TYPE "Linear Add"
COMBO "COMB7A"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7A"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7A"  LOADCASE "D"  SF 0.9
COMBO "COMB7A"  LOADCASE "Ex"  SF 1
COMBO "COMB7A"  LOADCASE "Ey"  SF 0.3
COMBO "COMB7A"  LOADCASE "H"  SF 1.6
COMBO "COMB7B"  TYPE "Linear Add"
COMBO "COMB7B"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7B"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7B"  LOADCASE "D"  SF 0.9
COMBO "COMB7B"  LOADCASE "Ex"  SF 1
COMBO "COMB7B"  LOADCASE "Ey"  SF -0.3
COMBO "COMB7B"  LOADCASE "H"  SF 1.6
COMBO "COMB7C"  TYPE "Linear Add"
COMBO "COMB7C"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7C"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7C"  LOADCASE "D"  SF 0.9
COMBO "COMB7C"  LOADCASE "Ex"  SF -1
COMBO "COMB7C"  LOADCASE "Ey"  SF 0.3
COMBO "COMB7C"  LOADCASE "H"  SF 1.6
COMBO "COMB7D"  TYPE "Linear Add"
COMBO "COMB7D"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7D"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7D"  LOADCASE "D"  SF 0.9
COMBO "COMB7D"  LOADCASE "Ex"  SF -1
COMBO "COMB7D"  LOADCASE "Ey"  SF -0.3
COMBO "COMB7D"  LOADCASE "H"  SF 1.6
COMBO "COMB7E"  TYPE "Linear Add"
COMBO "COMB7E"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7E"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7E"  LOADCASE "D"  SF 0.9
COMBO "COMB7E"  LOADCASE "Ex"  SF 0.3
COMBO "COMB7E"  LOADCASE "Ey"  SF 1
COMBO "COMB7E"  LOADCASE "H"  SF 1.6
COMBO "COMB7F"  TYPE "Linear Add"
COMBO "COMB7F"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7F"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7F"  LOADCASE "D"  SF 0.9
COMBO "COMB7F"  LOADCASE "Ex"  SF 0.3
COMBO "COMB7F"  LOADCASE "Ey"  SF -1
COMBO "COMB7F"  LOADCASE "H"  SF 1.6
COMBO "COMB7G"  TYPE "Linear Add"
COMBO "COMB7G"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7G"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7G"  LOADCASE "D"  SF 0.9
COMBO "COMB7G"  LOADCASE "Ex"  SF -0.3
COMBO "COMB7G"  LOADCASE "Ey"  SF 1
COMBO "COMB7G"  LOADCASE "H"  SF 1.6
COMBO "COMB7H"  TYPE "Linear Add"
COMBO "COMB7H"  DESIGN "Concrete"  COMBOTYPE "Strength"
COMBO "COMB7H"  DESIGN "Wall"  COMBOTYPE "Strength"
COMBO "COMB7H"  LOADCASE "D"  SF 0.9
COMBO "COMB7H"  LOADCASE "Ex"  SF -0.3
COMBO "COMB7H"  LOADCASE "Ey"  SF -1
COMBO "COMB7H"  LOADCASE "H"  SF 1.6
COMBO "DER1A"  TYPE "Linear Add"
COMBO "DER1A"  LOADCASE "D"  SF 1
COMBO "DER1A"  LOADCASE "H"  SF 1
COMBO "DER1A"  LOADCASE "F"  SF 1
COMBO "DER1A"  LOADCASE "Fsx"  SF 1
COMBO "DER1A"  LOADCASE "Fsy"  SF 0.3
COMBO "DER1B"  TYPE "Linear Add"
COMBO "DER1B"  LOADCASE "D"  SF 1
COMBO "DER1B"  LOADCASE "H"  SF 1
COMBO "DER1B"  LOADCASE "F"  SF 1
COMBO "DER1B"  LOADCASE "Fsx"  SF 1
COMBO "DER1B"  LOADCASE "Fsy"  SF -0.3
COMBO "DER1C"  TYPE "Linear Add"
COMBO "DER1C"  LOADCASE "D"  SF 1
COMBO "DER1C"  LOADCASE "H"  SF 1
COMBO "DER1C"  LOADCASE "F"  SF 1
COMBO "DER1C"  LOADCASE "Fsx"  SF -1
COMBO "DER1C"  LOADCASE "Fsy"  SF 0.3
COMBO "DER1D"  TYPE "Linear Add"
COMBO "DER1D"  LOADCASE "D"  SF 1
COMBO "DER1D"  LOADCASE "H"  SF 1
COMBO "DER1D"  LOADCASE "F"  SF 1
COMBO "DER1D"  LOADCASE "Fsx"  SF -1
COMBO "DER1D"  LOADCASE "Fsy"  SF -0.3
COMBO "DER1E"  TYPE "Linear Add"
COMBO "DER1E"  LOADCASE "D"  SF 1
COMBO "DER1E"  LOADCASE "H"  SF 1
COMBO "DER1E"  LOADCASE "F"  SF 1
COMBO "DER1E"  LOADCASE "Fsx"  SF 0.3
COMBO "DER1E"  LOADCASE "Fsy"  SF 1
COMBO "DER1F"  TYPE "Linear Add"
COMBO "DER1F"  LOADCASE "D"  SF 1
COMBO "DER1F"  LOADCASE "H"  SF 1
COMBO "DER1F"  LOADCASE "F"  SF 1
COMBO "DER1F"  LOADCASE "Fsx"  SF 0.3
COMBO "DER1F"  LOADCASE "Fsy"  SF -1
COMBO "DER1G"  TYPE "Linear Add"
COMBO "DER1G"  LOADCASE "D"  SF 1
COMBO "DER1G"  LOADCASE "H"  SF 1
COMBO "DER1G"  LOADCASE "F"  SF 1
COMBO "DER1G"  LOADCASE "Fsx"  SF -0.3
COMBO "DER1G"  LOADCASE "Fsy"  SF 1
COMBO "DER1H"  TYPE "Linear Add"
COMBO "DER1H"  LOADCASE "D"  SF 1
COMBO "DER1H"  LOADCASE "H"  SF 1
COMBO "DER1H"  LOADCASE "F"  SF 1
COMBO "DER1H"  LOADCASE "Fsx"  SF -0.3
COMBO "DER1H"  LOADCASE "Fsy"  SF -1
COMBO "DER2A"  TYPE "Linear Add"
COMBO "DER2A"  LOADCASE "D"  SF 1
COMBO "DER2A"  LOADCASE "H"  SF 1
COMBO "DER2A"  LOADCASE "F"  SF 1
COMBO "DER2A"  LOADCASE "L"  SF 0.75
COMBO "DER2A"  LOADCASE "Lr"  SF 0.75
COMBO "DER2A"  LOADCASE "Fsx"  SF 0.75
COMBO "DER2A"  LOADCASE "Fsy"  SF 0.225
COMBO "DER2B"  TYPE "Linear Add"
COMBO "DER2B"  LOADCASE "D"  SF 1
COMBO "DER2B"  LOADCASE "H"  SF 1
COMBO "DER2B"  LOADCASE "F"  SF 1
COMBO "DER2B"  LOADCASE "L"  SF 0.75
COMBO "DER2B"  LOADCASE "Lr"  SF 0.75
COMBO "DER2B"  LOADCASE "Fsx"  SF 0.75
COMBO "DER2B"  LOADCASE "Fsy"  SF -0.225
COMBO "DER2C"  TYPE "Linear Add"
COMBO "DER2C"  LOADCASE "D"  SF 1
COMBO "DER2C"  LOADCASE "H"  SF 1
COMBO "DER2C"  LOADCASE "F"  SF 1
COMBO "DER2C"  LOADCASE "L"  SF 0.75
COMBO "DER2C"  LOADCASE "Lr"  SF 0.75
COMBO "DER2C"  LOADCASE "Fsx"  SF -0.75
COMBO "DER2C"  LOADCASE "Fsy"  SF 0.225
COMBO "DER2D"  TYPE "Linear Add"
COMBO "DER2D"  LOADCASE "D"  SF 1
COMBO "DER2D"  LOADCASE "H"  SF 1
COMBO "DER2D"  LOADCASE "F"  SF 1
COMBO "DER2D"  LOADCASE "L"  SF 0.75
COMBO "DER2D"  LOADCASE "Lr"  SF 0.75
COMBO "DER2D"  LOADCASE "Fsx"  SF -0.75
COMBO "DER2D"  LOADCASE "Fsy"  SF -0.225
COMBO "DER2E"  TYPE "Linear Add"
COMBO "DER2E"  LOADCASE "D"  SF 1
COMBO "DER2E"  LOADCASE "H"  SF 1
COMBO "DER2E"  LOADCASE "F"  SF 1
COMBO "DER2E"  LOADCASE "L"  SF 0.75
COMBO "DER2E"  LOADCASE "Lr"  SF 0.75
COMBO "DER2E"  LOADCASE "Fsx"  SF 0.225
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COMBO "DER2E"  LOADCASE "Fsy"  SF 0.75
COMBO "DER2F"  TYPE "Linear Add"
COMBO "DER2F"  LOADCASE "D"  SF 1
COMBO "DER2F"  LOADCASE "H"  SF 1
COMBO "DER2F"  LOADCASE "F"  SF 1
COMBO "DER2F"  LOADCASE "L"  SF 0.75
COMBO "DER2F"  LOADCASE "Lr"  SF 0.75
COMBO "DER2F"  LOADCASE "Fsx"  SF 0.225
COMBO "DER2F"  LOADCASE "Fsy"  SF -0.75
COMBO "DER2G"  TYPE "Linear Add"
COMBO "DER2G"  LOADCASE "D"  SF 1
COMBO "DER2G"  LOADCASE "H"  SF 1
COMBO "DER2G"  LOADCASE "F"  SF 1
COMBO "DER2G"  LOADCASE "L"  SF 0.75
COMBO "DER2G"  LOADCASE "Lr"  SF 0.75
COMBO "DER2G"  LOADCASE "Fsx"  SF -0.225
COMBO "DER2G"  LOADCASE "Fsy"  SF 0.75
COMBO "DER2H"  TYPE "Linear Add"
COMBO "DER2H"  LOADCASE "D"  SF 1
COMBO "DER2H"  LOADCASE "H"  SF 1
COMBO "DER2H"  LOADCASE "F"  SF 1
COMBO "DER2H"  LOADCASE "L"  SF 0.75
COMBO "DER2H"  LOADCASE "Lr"  SF 0.75
COMBO "DER2H"  LOADCASE "Fsx"  SF -0.225
COMBO "DER2H"  LOADCASE "Fsy"  SF -0.75
COMBO "DER3A"  TYPE "Linear Add"
COMBO "DER3A"  LOADCASE "D"  SF 0.6
COMBO "DER3A"  LOADCASE "H"  SF 1
COMBO "DER3A"  LOADCASE "Fsx"  SF 1
COMBO "DER3A"  LOADCASE "Fsy"  SF 0.3
COMBO "DER3B"  TYPE "Linear Add"
COMBO "DER3B"  LOADCASE "D"  SF 0.6
COMBO "DER3B"  LOADCASE "H"  SF 1
COMBO "DER3B"  LOADCASE "Fsx"  SF 1
COMBO "DER3B"  LOADCASE "Fsy"  SF -0.3
COMBO "DER3C"  TYPE "Linear Add"
COMBO "DER3C"  LOADCASE "D"  SF 0.6
COMBO "DER3C"  LOADCASE "H"  SF 1
COMBO "DER3C"  LOADCASE "Fsx"  SF -1
COMBO "DER3C"  LOADCASE "Fsy"  SF 0.3
COMBO "DER3D"  TYPE "Linear Add"
COMBO "DER3D"  LOADCASE "D"  SF 0.6
COMBO "DER3D"  LOADCASE "H"  SF 1
COMBO "DER3D"  LOADCASE "Fsx"  SF -1
COMBO "DER3D"  LOADCASE "Fsy"  SF -0.3
COMBO "DER3E"  TYPE "Linear Add"
COMBO "DER3E"  LOADCASE "D"  SF 0.6
COMBO "DER3E"  LOADCASE "H"  SF 1
COMBO "DER3E"  LOADCASE "Fsx"  SF 0.3
COMBO "DER3E"  LOADCASE "Fsy"  SF 1
COMBO "DER3F"  TYPE "Linear Add"
COMBO "DER3F"  LOADCASE "D"  SF 0.6
COMBO "DER3F"  LOADCASE "H"  SF 1
COMBO "DER3F"  LOADCASE "Fsx"  SF 0.3
COMBO "DER3F"  LOADCASE "Fsy"  SF -1
COMBO "DER3G"  TYPE "Linear Add"
COMBO "DER3G"  LOADCASE "D"  SF 0.6
COMBO "DER3G"  LOADCASE "H"  SF 1
COMBO "DER3G"  LOADCASE "Fsx"  SF -0.3
COMBO "DER3G"  LOADCASE "Fsy"  SF 1
COMBO "DER3H"  TYPE "Linear Add"
COMBO "DER3H"  LOADCASE "D"  SF 0.6
COMBO "DER3H"  LOADCASE "H"  SF 1
COMBO "DER3H"  LOADCASE "Fsx"  SF -0.3
COMBO "DER3H"  LOADCASE "Fsy"  SF -1
COMBO "LTOTAL"  TYPE "Envelope"
COMBO "LTOTAL"  DESIGN "Steel"  COMBOTYPE "Deflection"
COMBO "LTOTAL"  LOADCOMBO "0.75(L+Lr)"  SF 1
COMBO "LTOTAL"  LOADCOMBO "0.75(L+G)"  SF 1
COMBO "LTOTAL"  LOADCASE "L"  SF 1
COMBO "LTOTAL"  LOADCASE "Lr"  SF 1
COMBO "LTOTAL"  LOADCASE "G"  SF 1
COMBO "SERV1"  TYPE "Linear Add"
COMBO "SERV1"  LOADCASE "D"  SF 1
COMBO "SERV1"  LOADCASE "F"  SF 1
COMBO "SERV2"  TYPE "Linear Add"
COMBO "SERV2"  LOADCASE "D"  SF 1
COMBO "SERV2"  LOADCASE "H"  SF 1
COMBO "SERV2"  LOADCASE "F"  SF 1
COMBO "SERV2"  LOADCASE "L"  SF 1
COMBO "SERV2"  LOADCASE "T"  SF 1
COMBO "SERV3A"  TYPE "Linear Add"
COMBO "SERV3A"  LOADCASE "D"  SF 1
COMBO "SERV3A"  LOADCASE "H"  SF 1
COMBO "SERV3A"  LOADCASE "F"  SF 1
COMBO "SERV3A"  LOADCASE "Lr"  SF 1
COMBO "SERV3B"  TYPE "Linear Add"
COMBO "SERV3B"  LOADCASE "D"  SF 1
COMBO "SERV3B"  LOADCASE "H"  SF 1
COMBO "SERV3B"  LOADCASE "F"  SF 1
COMBO "SERV3B"  LOADCASE "G"  SF 1
COMBO "SERV3C"  TYPE "Linear Add"
COMBO "SERV3C"  LOADCASE "D"  SF 1
COMBO "SERV3C"  LOADCASE "H"  SF 1
COMBO "SERV3C"  LOADCASE "F"  SF 1
COMBO "SERV3C"  LOADCASE "Le"  SF 1
COMBO "SERV4A"  TYPE "Linear Add"
COMBO "SERV4A"  LOADCASE "D"  SF 1
COMBO "SERV4A"  LOADCASE "H"  SF 1
COMBO "SERV4A"  LOADCASE "F"  SF 1
COMBO "SERV4A"  LOADCASE "L"  SF 0.75
COMBO "SERV4A"  LOADCASE "T"  SF 0.75
COMBO "SERV4A"  LOADCASE "Lr"  SF 0.75
COMBO "SERV4B"  TYPE "Linear Add"
COMBO "SERV4B"  LOADCASE "D"  SF 1
COMBO "SERV4B"  LOADCASE "H"  SF 1
COMBO "SERV4B"  LOADCASE "F"  SF 1
COMBO "SERV4B"  LOADCASE "L"  SF 0.75
COMBO "SERV4B"  LOADCASE "T"  SF 0.75
COMBO "SERV4B"  LOADCASE "G"  SF 0.75
COMBO "SERV4C"  TYPE "Linear Add"
COMBO "SERV4C"  LOADCASE "D"  SF 1
COMBO "SERV4C"  LOADCASE "H"  SF 1
COMBO "SERV4C"  LOADCASE "F"  SF 1
COMBO "SERV4C"  LOADCASE "L"  SF 0.75
COMBO "SERV4C"  LOADCASE "T"  SF 0.75
COMBO "SERV4C"  LOADCASE "Le"  SF 0.75
COMBO "SERV5"  TYPE "Linear Add"
COMBO "SERV5"  LOADCASE "D"  SF 1
COMBO "SERV5"  LOADCASE "H"  SF 1
COMBO "SERV5"  LOADCASE "F"  SF 1
COMBO "SERV5"  LOADCASE "W"  SF 1
COMBO "SERV6A"  TYPE "Linear Add"
COMBO "SERV6A"  LOADCASE "D"  SF 1
COMBO "SERV6A"  LOADCASE "H"  SF 1
COMBO "SERV6A"  LOADCASE "F"  SF 1
COMBO "SERV6A"  LOADCASE "Ex"  SF 0.7
COMBO "SERV6A"  LOADCASE "Ey"  SF 0.21
COMBO "SERV6B"  TYPE "Linear Add"
COMBO "SERV6B"  LOADCASE "D"  SF 1
COMBO "SERV6B"  LOADCASE "H"  SF 1
COMBO "SERV6B"  LOADCASE "F"  SF 1
COMBO "SERV6B"  LOADCASE "Ex"  SF 0.7
COMBO "SERV6B"  LOADCASE "Ey"  SF -0.21
COMBO "SERV6C"  TYPE "Linear Add"
COMBO "SERV6C"  LOADCASE "D"  SF 1
COMBO "SERV6C"  LOADCASE "H"  SF 1
COMBO "SERV6C"  LOADCASE "F"  SF 1
COMBO "SERV6C"  LOADCASE "Ex"  SF -0.7
COMBO "SERV6C"  LOADCASE "Ey"  SF 0.21
COMBO "SERV6D"  TYPE "Linear Add"
COMBO "SERV6D"  LOADCASE "D"  SF 1
COMBO "SERV6D"  LOADCASE "H"  SF 1
COMBO "SERV6D"  LOADCASE "F"  SF 1
COMBO "SERV6D"  LOADCASE "Ex"  SF -0.7
COMBO "SERV6D"  LOADCASE "Ey"  SF -0.21
COMBO "SERV6E"  TYPE "Linear Add"
COMBO "SERV6E"  LOADCASE "D"  SF 1
COMBO "SERV6E"  LOADCASE "H"  SF 1
COMBO "SERV6E"  LOADCASE "F"  SF 1
COMBO "SERV6E"  LOADCASE "Ex"  SF 0.21
COMBO "SERV6E"  LOADCASE "Ey"  SF 0.7
COMBO "SERV6F"  TYPE "Linear Add"
COMBO "SERV6F"  LOADCASE "D"  SF 1
COMBO "SERV6F"  LOADCASE "H"  SF 1
COMBO "SERV6F"  LOADCASE "F"  SF 1
COMBO "SERV6F"  LOADCASE "Ex"  SF 0.21
COMBO "SERV6F"  LOADCASE "Ey"  SF -0.7
COMBO "SERV6G"  TYPE "Linear Add"
COMBO "SERV6G"  LOADCASE "D"  SF 1
COMBO "SERV6G"  LOADCASE "H"  SF 1
COMBO "SERV6G"  LOADCASE "F"  SF 1
COMBO "SERV6G"  LOADCASE "Ex"  SF -0.21
COMBO "SERV6G"  LOADCASE "Ey"  SF 0.7
COMBO "SERV6H"  TYPE "Linear Add"
COMBO "SERV6H"  LOADCASE "D"  SF 1
COMBO "SERV6H"  LOADCASE "H"  SF 1
COMBO "SERV6H"  LOADCASE "F"  SF 1
COMBO "SERV6H"  LOADCASE "Ex"  SF -0.21
COMBO "SERV6H"  LOADCASE "Ey"  SF -0.7
COMBO "SERV7A"  TYPE "Linear Add"
COMBO "SERV7A"  LOADCASE "D"  SF 1
COMBO "SERV7A"  LOADCASE "H"  SF 1
COMBO "SERV7A"  LOADCASE "F"  SF 1
COMBO "SERV7A"  LOADCASE "W"  SF 0.75
COMBO "SERV7A"  LOADCASE "L"  SF 0.75
COMBO "SERV7A"  LOADCASE "Lr"  SF 0.75
COMBO "SERV7B"  TYPE "Linear Add"
COMBO "SERV7B"  LOADCASE "D"  SF 1
COMBO "SERV7B"  LOADCASE "H"  SF 1
COMBO "SERV7B"  LOADCASE "F"  SF 1
COMBO "SERV7B"  LOADCASE "W"  SF 0.75
COMBO "SERV7B"  LOADCASE "L"  SF 0.75
COMBO "SERV7B"  LOADCASE "G"  SF 0.75
COMBO "SERV7C"  TYPE "Linear Add"
COMBO "SERV7C"  LOADCASE "D"  SF 1
COMBO "SERV7C"  LOADCASE "H"  SF 1
COMBO "SERV7C"  LOADCASE "F"  SF 1
COMBO "SERV7C"  LOADCASE "W"  SF 0.75
COMBO "SERV7C"  LOADCASE "L"  SF 0.75
COMBO "SERV7C"  LOADCASE "Le"  SF 0.75
COMBO "SERV8A"  TYPE "Linear Add"
COMBO "SERV8A"  LOADCASE "D"  SF 1
COMBO "SERV8A"  LOADCASE "H"  SF 1
COMBO "SERV8A"  LOADCASE "F"  SF 1
COMBO "SERV8A"  LOADCASE "L"  SF 0.75
COMBO "SERV8A"  LOADCASE "Lr"  SF 0.75
COMBO "SERV8A"  LOADCASE "Ex"  SF 0.525
COMBO "SERV8A"  LOADCASE "Ey"  SF 0.1575
COMBO "SERV8B"  TYPE "Linear Add"
COMBO "SERV8B"  LOADCASE "D"  SF 1
COMBO "SERV8B"  LOADCASE "H"  SF 1
COMBO "SERV8B"  LOADCASE "F"  SF 1
COMBO "SERV8B"  LOADCASE "L"  SF 0.75
COMBO "SERV8B"  LOADCASE "Lr"  SF 0.75
COMBO "SERV8B"  LOADCASE "Ex"  SF 0.525
COMBO "SERV8B"  LOADCASE "Ey"  SF -0.1575
COMBO "SERV8C"  TYPE "Linear Add"
COMBO "SERV8C"  LOADCASE "D"  SF 1
COMBO "SERV8C"  LOADCASE "H"  SF 1
COMBO "SERV8C"  LOADCASE "F"  SF 1
COMBO "SERV8C"  LOADCASE "L"  SF 0.75
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COMBO "SERV8C"  LOADCASE "Lr"  SF 0.75
COMBO "SERV8C"  LOADCASE "Ex"  SF -0.525
COMBO "SERV8C"  LOADCASE "Ey"  SF 0.1575
COMBO "SERV8D"  TYPE "Linear Add"
COMBO "SERV8D"  LOADCASE "D"  SF 1
COMBO "SERV8D"  LOADCASE "H"  SF 1
COMBO "SERV8D"  LOADCASE "F"  SF 1
COMBO "SERV8D"  LOADCASE "L"  SF 0.75
COMBO "SERV8D"  LOADCASE "Lr"  SF 0.75
COMBO "SERV8D"  LOADCASE "Ex"  SF -0.525
COMBO "SERV8D"  LOADCASE "Ey"  SF -0.1575
COMBO "SERV8E"  TYPE "Linear Add"
COMBO "SERV8E"  LOADCASE "D"  SF 1
COMBO "SERV8E"  LOADCASE "H"  SF 1
COMBO "SERV8E"  LOADCASE "F"  SF 1
COMBO "SERV8E"  LOADCASE "L"  SF 0.75
COMBO "SERV8E"  LOADCASE "Lr"  SF 0.75
COMBO "SERV8E"  LOADCASE "Ex"  SF 0.1575
COMBO "SERV8E"  LOADCASE "Ey"  SF 0.525
COMBO "SERV8F"  TYPE "Linear Add"
COMBO "SERV8F"  LOADCASE "D"  SF 1
COMBO "SERV8F"  LOADCASE "H"  SF 1
COMBO "SERV8F"  LOADCASE "F"  SF 1
COMBO "SERV8F"  LOADCASE "L"  SF 0.75
COMBO "SERV8F"  LOADCASE "Lr"  SF 0.75
COMBO "SERV8F"  LOADCASE "Ex"  SF 0.1575
COMBO "SERV8F"  LOADCASE "Ey"  SF -0.525
COMBO "SERV8G"  TYPE "Linear Add"
COMBO "SERV8G"  LOADCASE "D"  SF 1
COMBO "SERV8G"  LOADCASE "H"  SF 1
COMBO "SERV8G"  LOADCASE "F"  SF 1
COMBO "SERV8G"  LOADCASE "L"  SF 0.75
COMBO "SERV8G"  LOADCASE "Lr"  SF 0.75
COMBO "SERV8G"  LOADCASE "Ex"  SF -0.1575
COMBO "SERV8G"  LOADCASE "Ey"  SF 0.525
COMBO "SERV8H"  TYPE "Linear Add"
COMBO "SERV8H"  LOADCASE "D"  SF 1
COMBO "SERV8H"  LOADCASE "H"  SF 1
COMBO "SERV8H"  LOADCASE "F"  SF 1
COMBO "SERV8H"  LOADCASE "L"  SF 0.75
COMBO "SERV8H"  LOADCASE "Lr"  SF 0.75
COMBO "SERV8H"  LOADCASE "Ex"  SF -0.1575
COMBO "SERV8H"  LOADCASE "Ey"  SF -0.525
COMBO "SERV8I"  TYPE "Linear Add"
COMBO "SERV8I"  LOADCASE "D"  SF 1
COMBO "SERV8I"  LOADCASE "H"  SF 1
COMBO "SERV8I"  LOADCASE "F"  SF 1
COMBO "SERV8I"  LOADCASE "L"  SF 0.75
COMBO "SERV8I"  LOADCASE "G"  SF 0.75
COMBO "SERV8I"  LOADCASE "Ex"  SF 0.525
COMBO "SERV8I"  LOADCASE "Ey"  SF 0.1575
COMBO "SERV8J"  TYPE "Linear Add"
COMBO "SERV8J"  LOADCASE "D"  SF 1
COMBO "SERV8J"  LOADCASE "H"  SF 1
COMBO "SERV8J"  LOADCASE "F"  SF 1
COMBO "SERV8J"  LOADCASE "L"  SF 0.75
COMBO "SERV8J"  LOADCASE "G"  SF 0.75
COMBO "SERV8J"  LOADCASE "Ex"  SF 0.525
COMBO "SERV8J"  LOADCASE "Ey"  SF -0.1575
COMBO "SERV8K"  TYPE "Linear Add"
COMBO "SERV8K"  LOADCASE "D"  SF 1
COMBO "SERV8K"  LOADCASE "H"  SF 1
COMBO "SERV8K"  LOADCASE "F"  SF 1
COMBO "SERV8K"  LOADCASE "L"  SF 0.75
COMBO "SERV8K"  LOADCASE "G"  SF 0.75
COMBO "SERV8K"  LOADCASE "Ex"  SF -0.525
COMBO "SERV8K"  LOADCASE "Ey"  SF 0.1575
COMBO "SERV8L"  TYPE "Linear Add"
COMBO "SERV8L"  LOADCASE "D"  SF 1
COMBO "SERV8L"  LOADCASE "H"  SF 1
COMBO "SERV8L"  LOADCASE "F"  SF 1
COMBO "SERV8L"  LOADCASE "L"  SF 0.75
COMBO "SERV8L"  LOADCASE "G"  SF 0.75
COMBO "SERV8L"  LOADCASE "Ex"  SF -0.525
COMBO "SERV8L"  LOADCASE "Ey"  SF -0.1575
COMBO "SERV8M"  TYPE "Linear Add"
COMBO "SERV8M"  LOADCASE "D"  SF 1
COMBO "SERV8M"  LOADCASE "H"  SF 1
COMBO "SERV8M"  LOADCASE "F"  SF 1
COMBO "SERV8M"  LOADCASE "L"  SF 0.75
COMBO "SERV8M"  LOADCASE "G"  SF 0.75
COMBO "SERV8M"  LOADCASE "Ex"  SF 0.1575
COMBO "SERV8M"  LOADCASE "Ey"  SF 0.525
COMBO "SERV8N"  TYPE "Linear Add"
COMBO "SERV8N"  LOADCASE "D"  SF 1
COMBO "SERV8N"  LOADCASE "H"  SF 1
COMBO "SERV8N"  LOADCASE "F"  SF 1
COMBO "SERV8N"  LOADCASE "L"  SF 0.75
COMBO "SERV8N"  LOADCASE "G"  SF 0.75
COMBO "SERV8N"  LOADCASE "Ex"  SF 0.1575
COMBO "SERV8N"  LOADCASE "Ey"  SF -0.525
COMBO "SERV8O"  TYPE "Linear Add"
COMBO "SERV8O"  LOADCASE "D"  SF 1
COMBO "SERV8O"  LOADCASE "H"  SF 1
COMBO "SERV8O"  LOADCASE "F"  SF 1
COMBO "SERV8O"  LOADCASE "L"  SF 0.75
COMBO "SERV8O"  LOADCASE "G"  SF 0.75
COMBO "SERV8O"  LOADCASE "Ex"  SF -0.1575
COMBO "SERV8O"  LOADCASE "Ey"  SF 0.525
COMBO "SERV8P"  TYPE "Linear Add"
COMBO "SERV8P"  LOADCASE "D"  SF 1
COMBO "SERV8P"  LOADCASE "H"  SF 1
COMBO "SERV8P"  LOADCASE "F"  SF 1
COMBO "SERV8P"  LOADCASE "L"  SF 0.75
COMBO "SERV8P"  LOADCASE "G"  SF 0.75
COMBO "SERV8P"  LOADCASE "Ex"  SF -0.1575
COMBO "SERV8P"  LOADCASE "Ey"  SF -0.525
COMBO "SERV8Q"  TYPE "Linear Add"
COMBO "SERV8Q"  LOADCASE "D"  SF 1
COMBO "SERV8Q"  LOADCASE "H"  SF 1
COMBO "SERV8Q"  LOADCASE "F"  SF 1
COMBO "SERV8Q"  LOADCASE "L"  SF 0.75
COMBO "SERV8Q"  LOADCASE "Le"  SF 0.75
COMBO "SERV8Q"  LOADCASE "Ex"  SF 0.525
COMBO "SERV8Q"  LOADCASE "Ey"  SF 0.1575
COMBO "SERV8R"  TYPE "Linear Add"
COMBO "SERV8R"  LOADCASE "D"  SF 1
COMBO "SERV8R"  LOADCASE "H"  SF 1
COMBO "SERV8R"  LOADCASE "F"  SF 1
COMBO "SERV8R"  LOADCASE "L"  SF 0.75
COMBO "SERV8R"  LOADCASE "Le"  SF 0.75
COMBO "SERV8R"  LOADCASE "Ex"  SF 0.525
COMBO "SERV8R"  LOADCASE "Ey"  SF -0.1575
COMBO "SERV8S"  TYPE "Linear Add"
COMBO "SERV8S"  LOADCASE "D"  SF 1
COMBO "SERV8S"  LOADCASE "H"  SF 1
COMBO "SERV8S"  LOADCASE "F"  SF 1
COMBO "SERV8S"  LOADCASE "L"  SF 0.75
COMBO "SERV8S"  LOADCASE "Le"  SF 0.75
COMBO "SERV8S"  LOADCASE "Ex"  SF -0.525
COMBO "SERV8S"  LOADCASE "Ey"  SF 0.1575
COMBO "SERV8T"  TYPE "Linear Add"
COMBO "SERV8T"  LOADCASE "D"  SF 1
COMBO "SERV8T"  LOADCASE "H"  SF 1
COMBO "SERV8T"  LOADCASE "F"  SF 1
COMBO "SERV8T"  LOADCASE "L"  SF 0.75
COMBO "SERV8T"  LOADCASE "Le"  SF 0.75
COMBO "SERV8T"  LOADCASE "Ex"  SF -0.525
COMBO "SERV8T"  LOADCASE "Ey"  SF -0.1575
COMBO "SERV8U"  TYPE "Linear Add"
COMBO "SERV8U"  LOADCASE "D"  SF 1
COMBO "SERV8U"  LOADCASE "H"  SF 1
COMBO "SERV8U"  LOADCASE "F"  SF 1
COMBO "SERV8U"  LOADCASE "L"  SF 0.75
COMBO "SERV8U"  LOADCASE "Le"  SF 0.75
COMBO "SERV8U"  LOADCASE "Ex"  SF 0.1575
COMBO "SERV8U"  LOADCASE "Ey"  SF 0.525
COMBO "SERV8V"  TYPE "Linear Add"
COMBO "SERV8V"  LOADCASE "D"  SF 1
COMBO "SERV8V"  LOADCASE "H"  SF 1
COMBO "SERV8V"  LOADCASE "F"  SF 1
COMBO "SERV8V"  LOADCASE "L"  SF 0.75
COMBO "SERV8V"  LOADCASE "Le"  SF 0.75
COMBO "SERV8V"  LOADCASE "Ex"  SF 0.1575
COMBO "SERV8V"  LOADCASE "Ey"  SF -0.525
COMBO "SERV8W"  TYPE "Linear Add"
COMBO "SERV8W"  LOADCASE "D"  SF 1
COMBO "SERV8W"  LOADCASE "H"  SF 1
COMBO "SERV8W"  LOADCASE "F"  SF 1
COMBO "SERV8W"  LOADCASE "L"  SF 0.75
COMBO "SERV8W"  LOADCASE "Le"  SF 0.75
COMBO "SERV8W"  LOADCASE "Ex"  SF -0.1575
COMBO "SERV8W"  LOADCASE "Ey"  SF 0.525
COMBO "SERV8X"  TYPE "Linear Add"
COMBO "SERV8X"  LOADCASE "D"  SF 1
COMBO "SERV8X"  LOADCASE "H"  SF 1
COMBO "SERV8X"  LOADCASE "F"  SF 1
COMBO "SERV8X"  LOADCASE "L"  SF 0.75
COMBO "SERV8X"  LOADCASE "Le"  SF 0.75
COMBO "SERV8X"  LOADCASE "Ex"  SF -0.1575
COMBO "SERV8X"  LOADCASE "Ey"  SF -0.525
COMBO "SERV9"  TYPE "Linear Add"
COMBO "SERV9"  LOADCASE "D"  SF 0.6
COMBO "SERV9"  LOADCASE "W"  SF 1
COMBO "SERV9"  LOADCASE "H"  SF 1
COMBO "SERV10A"  TYPE "Linear Add"
COMBO "SERV10A"  LOADCASE "D"  SF 1
COMBO "SERV10A"  LOADCASE "H"  SF 1
COMBO "SERV10A"  LOADCASE "F"  SF 1
COMBO "SERV10A"  LOADCASE "Ex"  SF 0.7
COMBO "SERV10A"  LOADCASE "Ey"  SF 0.21
COMBO "SERV10B"  TYPE "Linear Add"
COMBO "SERV10B"  LOADCASE "D"  SF 1
COMBO "SERV10B"  LOADCASE "H"  SF 1
COMBO "SERV10B"  LOADCASE "F"  SF 1
COMBO "SERV10B"  LOADCASE "Ex"  SF 0.7
COMBO "SERV10B"  LOADCASE "Ey"  SF -0.21
COMBO "SERV10C"  TYPE "Linear Add"
COMBO "SERV10C"  LOADCASE "D"  SF 1
COMBO "SERV10C"  LOADCASE "H"  SF 1
COMBO "SERV10C"  LOADCASE "F"  SF 1
COMBO "SERV10C"  LOADCASE "Ex"  SF -0.7
COMBO "SERV10C"  LOADCASE "Ey"  SF 0.21
COMBO "SERV10D"  TYPE "Linear Add"
COMBO "SERV10D"  LOADCASE "D"  SF 1
COMBO "SERV10D"  LOADCASE "H"  SF 1
COMBO "SERV10D"  LOADCASE "F"  SF 1
COMBO "SERV10D"  LOADCASE "Ex"  SF -0.7
COMBO "SERV10D"  LOADCASE "Ey"  SF -0.21
COMBO "SERV10E"  TYPE "Linear Add"
COMBO "SERV10E"  LOADCASE "D"  SF 1
COMBO "SERV10E"  LOADCASE "H"  SF 1
COMBO "SERV10E"  LOADCASE "F"  SF 1
COMBO "SERV10E"  LOADCASE "Ex"  SF 0.21
COMBO "SERV10E"  LOADCASE "Ey"  SF 0.7
COMBO "SERV10F"  TYPE "Linear Add"
COMBO "SERV10F"  LOADCASE "D"  SF 1
COMBO "SERV10F"  LOADCASE "H"  SF 1
COMBO "SERV10F"  LOADCASE "F"  SF 1
COMBO "SERV10F"  LOADCASE "Ex"  SF 0.21
COMBO "SERV10F"  LOADCASE "Ey"  SF -0.7
COMBO "SERV10G"  TYPE "Linear Add"
```

```
COMBO "SERV10G"  LOADCASE "D"  SF 1
COMBO "SERV10G"  LOADCASE "H"  SF 1
COMBO "SERV10G"  LOADCASE "F"  SF 1
COMBO "SERV10G"  LOADCASE "Ex"  SF -0.21
COMBO "SERV10G"  LOADCASE "Ey"  SF 0.7
COMBO "SERV10H"  TYPE "Linear Add"
COMBO "SERV10H"  LOADCASE "D"  SF 1
COMBO "SERV10H"  LOADCASE "H"  SF 1
COMBO "SERV10H"  LOADCASE "F"  SF 1
COMBO "SERV10H"  LOADCASE "Ex"  SF -0.21
COMBO "SERV10H"  LOADCASE "Ey"  SF -0.7
COMBO "ENV"  TYPE "Envelope"
COMBO "ENV"  LOADCOMBO "COMB1"  SF 1
COMBO "ENV"  LOADCOMBO "COMB3A"  SF 1
COMBO "ENV"  LOADCOMBO "COMB3B"  SF 1
COMBO "ENV"  LOADCOMBO "COMB5A"  SF 1
COMBO "ENV"  LOADCOMBO "COMB5B"  SF 1
COMBO "ENV"  LOADCOMBO "COMB5C"  SF 1
COMBO "ENV"  LOADCOMBO "COMB5D"  SF 1
COMBO "ENV"  LOADCOMBO "COMB5E"  SF 1
COMBO "ENV"  LOADCOMBO "COMB5F"  SF 1
COMBO "ENV"  LOADCOMBO "COMB5G"  SF 1
COMBO "ENV"  LOADCOMBO "COMB5H"  SF 1
COMBO "ENV"  LOADCOMBO "COMB6"  SF 1
COMBO "ENV"  LOADCOMBO "COMB7A"  SF 1
COMBO "ENV"  LOADCOMBO "COMB7B"  SF 1
COMBO "ENV"  LOADCOMBO "COMB7C"  SF 1
COMBO "ENV"  LOADCOMBO "COMB7D"  SF 1
COMBO "ENV"  LOADCOMBO "COMB7E"  SF 1
COMBO "ENV"  LOADCOMBO "COMB7F"  SF 1
COMBO "ENV"  LOADCOMBO "COMB7G"  SF 1
COMBO "ENV"  LOADCOMBO "COMB7H"  SF 1
COMBO "ENV"  LOADCOMBO "COMB2A"  SF 1
COMBO "ENV"  LOADCOMBO "COMB2B"  SF 1
COMBO "ENV"  LOADCOMBO "COMB2C"  SF 1
COMBO "ENV"  LOADCOMBO "COMB3C"  SF 1
COMBO "ENV"  LOADCOMBO "COMB3D"  SF 1
COMBO "ENV"  LOADCOMBO "COMB3E"  SF 1
COMBO "ENV"  LOADCOMBO "COMB3F"  SF 1
COMBO "ENV"  LOADCOMBO "COMB4A"  SF 1
COMBO "ENV"  LOADCOMBO "COMB4B"  SF 1
COMBO "EXCNX"  TYPE "Linear Add"
COMBO "EXCNX"  LOADCASE "Ex"  SF 3
COMBO "EYCNX"  TYPE "Linear Add"
COMBO "EYCNX"  LOADCASE "Ey"  SF 3
COMBO "COMB5ACNX"  TYPE "Linear Add"
COMBO "COMB5ACNX"  LOADCASE "D"  SF 1.2
COMBO "COMB5ACNX"  LOADCASE "L"  SF 1
COMBO "COMB5ACNX"  LOADCOMBO "EXCNX"  SF 1
COMBO "COMB5ACNX"  LOADCOMBO "EYCNX"  SF 0.3
COMBO "COMB5BCNX"  TYPE "Linear Add"
COMBO "COMB5BCNX"  LOADCASE "D"  SF 1.2
COMBO "COMB5BCNX"  LOADCASE "L"  SF 1
COMBO "COMB5BCNX"  LOADCOMBO "EXCNX"  SF 1
COMBO "COMB5BCNX"  LOADCOMBO "EYCNX"  SF -0.3
COMBO "COMB5CCNX"  TYPE "Linear Add"
COMBO "COMB5CCNX"  LOADCASE "D"  SF 1.2
COMBO "COMB5CCNX"  LOADCASE "L"  SF 1
COMBO "COMB5CCNX"  LOADCOMBO "EXCNX"  SF -1
COMBO "COMB5CCNX"  LOADCOMBO "EYCNX"  SF 0.3
COMBO "COMB5DCNX"  TYPE "Linear Add"
COMBO "COMB5DCNX"  LOADCASE "D"  SF 1.2
COMBO "COMB5DCNX"  LOADCASE "L"  SF 1
COMBO "COMB5DCNX"  LOADCOMBO "EXCNX"  SF -1
COMBO "COMB5DCNX"  LOADCOMBO "EYCNX"  SF -0.3
COMBO "COMB5ECNX"  TYPE "Linear Add"
COMBO "COMB5ECNX"  LOADCASE "D"  SF 1.2
COMBO "COMB5ECNX"  LOADCASE "L"  SF 1
COMBO "COMB5ECNX"  LOADCOMBO "EXCNX"  SF 0.3
COMBO "COMB5ECNX"  LOADCOMBO "EYCNX"  SF 1
COMBO "COMB5FCNX"  TYPE "Linear Add"
COMBO "COMB5FCNX"  LOADCASE "D"  SF 1.2
COMBO "COMB5FCNX"  LOADCASE "L"  SF 1
COMBO "COMB5FCNX"  LOADCOMBO "EXCNX"  SF 0.3
COMBO "COMB5FCNX"  LOADCOMBO "EYCNX"  SF -1
COMBO "COMB5GCNX"  TYPE "Linear Add"
COMBO "COMB5GCNX"  LOADCASE "D"  SF 1.2
COMBO "COMB5GCNX"  LOADCASE "L"  SF 1
COMBO "COMB5GCNX"  LOADCOMBO "EXCNX"  SF -0.3
COMBO "COMB5GCNX"  LOADCOMBO "EYCNX"  SF 1
COMBO "COMB5HCNX"  TYPE "Linear Add"
COMBO "COMB5HCNX"  LOADCASE "D"  SF 1.2
COMBO "COMB5HCNX"  LOADCASE "L"  SF 1
COMBO "COMB5HCNX"  LOADCOMBO "EXCNX"  SF -0.3
COMBO "COMB5HCNX"  LOADCOMBO "EYCNX"  SF -1
COMBO "COMB7ACNX"  TYPE "Linear Add"
COMBO "COMB7ACNX"  LOADCASE "D"  SF 0.9
COMBO "COMB7ACNX"  LOADCOMBO "EXCNX"  SF 1
COMBO "COMB7ACNX"  LOADCOMBO "EYCNX"  SF 0.3
COMBO "COMB7BCNX"  TYPE "Linear Add"
COMBO "COMB7BCNX"  LOADCASE "D"  SF 0.9
COMBO "COMB7BCNX"  LOADCOMBO "EXCNX"  SF 1
COMBO "COMB7BCNX"  LOADCOMBO "EYCNX"  SF -0.3
COMBO "COMB7CCNX"  TYPE "Linear Add"
COMBO "COMB7CCNX"  LOADCASE "D"  SF 0.9
COMBO "COMB7CCNX"  LOADCOMBO "EXCNX"  SF -1
COMBO "COMB7CCNX"  LOADCOMBO "EYCNX"  SF 0.3
COMBO "COMB7DCNX"  TYPE "Linear Add"
COMBO "COMB7DCNX"  LOADCASE "D"  SF 0.9
COMBO "COMB7DCNX"  LOADCOMBO "EXCNX"  SF -1
COMBO "COMB7DCNX"  LOADCOMBO "EYCNX"  SF -0.3
COMBO "COMB7ECNX"  TYPE "Linear Add"
COMBO "COMB7ECNX"  LOADCASE "D"  SF 0.9
COMBO "COMB7ECNX"  LOADCOMBO "EXCNX"  SF 0.3
COMBO "COMB7ECNX"  LOADCOMBO "EYCNX"  SF 1
COMBO "COMB7FCNX"  TYPE "Linear Add"
COMBO "COMB7FCNX"  LOADCASE "D"  SF 0.9
COMBO "COMB7FCNX"  LOADCOMBO "EXCNX"  SF 0.3
COMBO "COMB7FCNX"  LOADCOMBO "EYCNX"  SF -1
COMBO "COMB7GCNX"  TYPE "Linear Add"
COMBO "COMB7GCNX"  LOADCASE "D"  SF 0.9
COMBO "COMB7GCNX"  LOADCOMBO "EXCNX"  SF -0.3
COMBO "COMB7GCNX"  LOADCOMBO "EYCNX"  SF 1
COMBO "COMB7HCNX"  TYPE "Linear Add"
COMBO "COMB7HCNX"  LOADCASE "D"  SF 0.9
COMBO "COMB7HCNX"  LOADCOMBO "EXCNX"  SF -0.3
COMBO "COMB7HCNX"  LOADCOMBO "EYCNX"  SF -1
COMBO "0.75(L+Lr)"  TYPE "Linear Add"
COMBO "0.75(L+Lr)"  LOADCASE "L"  SF 1
COMBO "0.75(L+Lr)"  LOADCASE "Lr"  SF 1
COMBO "0.75(L+G)"  TYPE "Linear Add"
COMBO "0.75(L+G)"  LOADCASE "L"  SF 0.75
COMBO "0.75(L+G)"  LOADCASE "G"  SF 0.75
COMBO "ENV (CNX)"  TYPE "Envelope"
COMBO "ENV (CNX)"  LOADCOMBO "COMB1"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB3A"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB3B"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB5A"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB5B"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB5C"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB5D"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB5E"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB5F"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB5G"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB5H"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB6"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB7A"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB7B"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB7C"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB7D"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB7E"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB7F"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB7G"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB7H"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB2A"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB2B"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB2C"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB3C"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB3D"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB3E"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB3F"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB4A"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB4B"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB5ACNX"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB5BCNX"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB5CCNX"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB5DCNX"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB5ECNX"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB5FCNX"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB5GCNX"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB5HCNX"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB7ACNX"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB7BCNX"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB7CCNX"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB7DCNX"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB7ECNX"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB7FCNX"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB7GCNX"  SF 1
COMBO "ENV (CNX)"  LOADCOMBO "COMB7HCNX"  SF 1

$ STEEL DESIGN PREFERENCES
  STEELPREFERENCE  CODE "AISC 360-16"  THDESIGN "EVERYSTEP-ALL"
FRAMETYPE "SMF"
  STEELPREFERENCE  SDC "D"  IMPORTANCEFACTOR 1 SYSTEMRHO 1 SYSTEMSDS 0.5
  STEELPREFERENCE  SYSTEMR 8 OMEGA0 3 SYSTEMCD 5.5
  STEELPREFERENCE  PROVISION "LRFD"  ANALYSISMETHOD "DIRECT ANALYSIS"
SECONDORDERMETHOD "GENERAL 2ND ORDER"  STIFFNESSREDUCTIONMETHOD "TAU-B
FIXED"  AANOTIONALTOLATERALCOMBOS "NO"  BETA 1.3 BETAOMEGA 1.6
  STEELPREFERENCE  PHIBAISC05 0.9 PHICAISC05 0.9 PHITYAISC05 0.9
PHITFAISC05 0.75
  STEELPREFERENCE  PHIVAISC05 0.9 PHIVROLLEDIAISC05 1 PHITORSIONAISC05
0.9
  STEELPREFERENCE  IGNORESEISMICCODE "NO"  IGNORESPECIALSEISMICLOAD "NO"
ISDOUBLERPLATEPLUGWELDED "YES"
  STEELPREFERENCE  HSSWELDINGTYPE "ERW"   REDUCEHSSTHICKNESS "NO"
  STEELPREFERENCE  CONSIDERDEFLECTION "YES"
  STEELPREFERENCE  DLDEFLECTIONLIMIT 120 SLDEFLECTIONLIMIT 120
LLDEFLECTIONLIMIT 360 TLDEFLECTIONLIMIT 240 TLMCDEFLECTIONLIMIT 240
  STEELPREFERENCE  PATTERNLLF 0.75 MAXITERATION 1 SRLIMIT 0.95

$ CONCRETE DESIGN PREFERENCES
  CONCRETEPREFERENCE  CODE "ACI 318-14" THDESIGN "EVERYSTEP-ALL"
CONSIDERMINECCENTRICITY "YES"    DESIGNFORBCCR "YES"
  CONCRETEPREFERENCE  NUMINTERCURVES 24  NUMINTERPOINTS 11  PATTERNLLF
0.75  UFLIMIT 1
  CONCRETEPREFERENCE  SDC "D"    OMEGA0 2  RHO 1  SDS 0.5
CONSIDERICC_ESR2017 "NO"
  CONCRETEPREFERENCE  PHITENSIONCTRL 0.9  PHICOMPRESSIONCTRLTIED 0.65
PHICOMPRESSIONCTRLSPIRAL 0.75
  CONCRETEPREFERENCE  PHISHEARTORSION 0.75  PHISHEARSEISMIC 0.6
PHISHEARJOINT 0.85

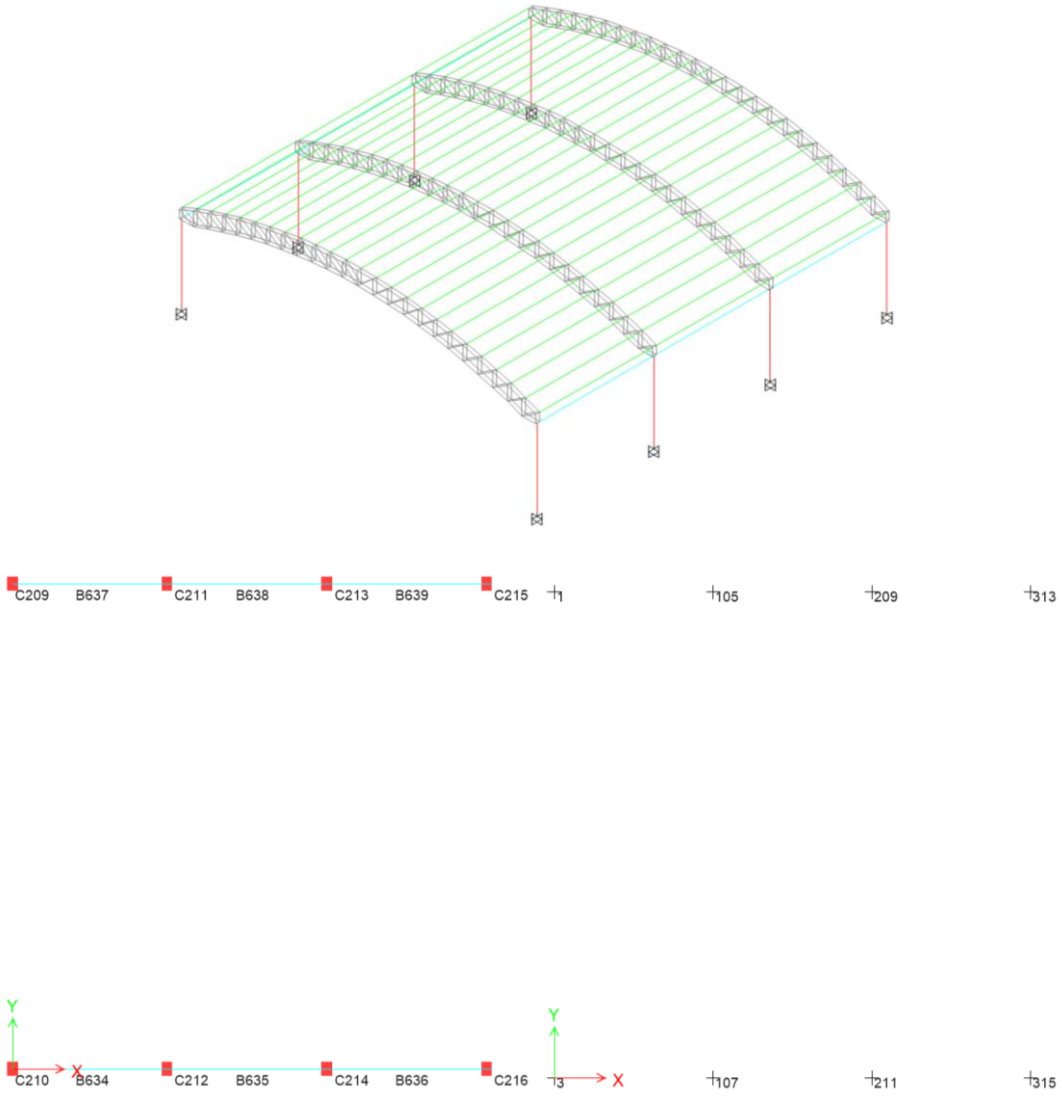
$ COMPOSITE DESIGN PREFERENCES
  COMPOSITEPREFERENCE  CODE "AISC 360-16"
  COMPOSITEPREFERENCE  PHI-B 0.9  PHI-BCNE 0.9  PHI-BCNP 0.9  PHI-BCPP
0.9  PHI-V 0.9  PHI-C 0.9  PHI-T 0.9
  COMPOSITEPREFERENCE  SHORED "NO"   WITHAXIALFORCE  "NO"    %MIDDLERANGE
70  PATTERNLLF 0.75  SRLIMIT 1
  COMPOSITEPREFERENCE  MIN%COMPOSITE 25  MAX%COMPOSITE 100  SINGLESEGMENT
"NO"
  COMPOSITEPREFERENCE  MINLONGSPACING 0.1143  MAXLONGSPACING 0.9144
MINTRANSSPACING 0.0762  MAXSTUDSPERROW 3  STUDPOSITION "MIDDLE"
```

```
  COMPOSITEPREFERENCE  DLLIMIT 0  SLLIMIT 240  LLLIMIT 360  TLLIMIT 240
CREEPFACTOR 1
  COMPOSITEPREFERENCE  CALCULATECAMBER "YES"    %DLCAMBER 80
MINDEPTHFORCAMBER 0.3429  MINWEBTHICKFORCAMBER 0.00635  MINSPANFORCAMBER
7.3152
  COMPOSITEPREFERENCE  CAMBERIGNORE 0.01905  CAMBERELMIN 900
CAMBERABSMAX 0.1524  CAMBERRELMAX 180  CAMBERINTERVAL 0.00635
CAMBERROUNDDOWN "YES"
  COMPOSITEPREFERENCE  %VIBLL 25  CONSIDERFREQ "NO"    MINFREQ 8
CONSIDERDAMP "NO"    %INHERENTDAMP 4
  COMPOSITEPREFERENCE  VIBRATIONCRITERION "WALKING"  OCCUPANCYCATEGORY
"PAPEROFFICE"  DAMPINGRATIO 0.025  WALKINGACCELERATIONLIMIT 0.005
  COMPOSITEPREFERENCE  RHYTHMICACTIVITY "AEROBICS"
AFFECTEDOCCUPANCYCATEGORY "PAPEROFFICE"
  COMPOSITEPREFERENCE  RHYTHMICACCELERATIONLIMIT 0.005
UPPERSTEPFREQUENCY 2.75  LOWERSTEPFREQUENCY 2  NUMBERFREQUENCIES 16
  COMPOSITEPREFERENCE  EQUIPMENTORUSECATEGORY "COMPUTERSYSTEM"
VIBVELOCITYLIMIT 8  WALKINGSPEED "VERYSLOW"
  COMPOSITEPREFERENCE  SENSITIVIBFSTEP 1.25  SENSVIBFL 6  SENSVIBFU 8
SENSVIBGAMMA  0.1
  COMPOSITEPREFERENCE  OPTIMIZEPRICE "YES"    STEELPRICE 1000
CONNECTORPRICE 2  CAMBERPRICE 100
```

```
$ WALL DESIGN PREFERENCES
  WALLPREFERENCE  CODE "ACI 318-14"  THDESIGN "EVERYSTEP-ALL"
  WALLPREFERENCE  REBARMATERIAL " "  REBARSHEARMATERIAL " "
  WALLPREFERENCE  RHO 1  SDS 0.5  I 1  CD 5.5  PHI-TCTRL 0.9  PHI-CCTRL
0.65  PHI-SHEAR 0.75  PHI-SHEARSEIS 0.6  PMAXFACTOR 0.8
  WALLPREFERENCE  NUMCURVES 24  NUMPOINTS 11
  WALLPREFERENCE  PTMAX 0.06  PCMAX 0.04  IPMAX 0.04  IPMIN 0.0025
  WALLPREFERENCE  UFLIMIT 0.95

$ CONCRETE SLAB DESIGN PREFERENCES
  CONCRETESLABPREFERENCE  CODE "ACI 318-14"  PHITENACI 0.9  PHICOMPACI
0.65  PHISHEARACI 0.75
  CONCRETESLABPREFERENCE  COVERTOP 0.015  COVERBOT 0.015  BARSIZE "18"
INNERLAYER "B"    PTCGSTOP 0.025  PTCGSBOTEXT 0.04  PTCGSBOTINT 0.025
SLABTYPE "Two Way"
  CONCRETESLABPREFERENCE  USERSTRESS "No"  INITCONCRAT 0.8  LLFRACTION
0.5
```

2.1 ISOMÉTRICO DE LA ESTRUCTURA



NUMERACIÓN ELEMENTOS CUBIERTA, COLUMNAS Y NUDOS

2.2 COMBINACIONES DE CARGA

EVALUACIÓN DERIVAS

1.00CM+1.00CV + EQX + 0.30EQY	1.00CM+ EQX + 0.30EQY
1.00CM+1.00CV + EQX – 0.30EQY	1.00CM+ EQX – 0.30EQY
1.00CM+1.00CV – EQX + 0.30EQY	1.00CM– EQX + 0.30EQY
1.00CM+1.00CV – EQX – 0.30EQY	1.00CM– EQX – 0.30EQY
1.00CM+1.00CV + 0.30EQX + EQY	1.00CM+ 0.30EQX + EQY
1.00CM+1.00CV + 0.30EQX – EQY	1.00CM+ 0.30EQX – EQY
1.00CM+1.00CV – 0.30EQX + EQY	1.00CM– 0.30EQX + EQY
1.00CM+1.00CV – 0.30EQX – EQY	1.00CM– 0.30EQX – EQY

DISEÑO ESTRUCTURA

1.40CM	
1.20CM+1.60CV	
1.20CM+1.00CV + EQX/R + 0.30EQY/R	0.90CM+ EQX/R + 0.30EQY/R
1.20CM+1.00CV + EQX/R – 0.30EQY/R	0.90CM– EQX/R + 0.30EQY/R
1.20CM+1.00CV – EQX/R + 0.30EQY/R	0.90CM+ EQX/R – 0.30EQY/R
1.20CM+1.00CV – EQX/R – 0.30EQY/R	0.90CM– EQX/R – 0.30EQY/R
1.20CM+1.00CV + 0.30EQX/R + EQY/R	0.90CM+ 0.30EQX/R + EQY/R
1.20CM+1.00CV + 0.30EQX/R – EQY/R	0.90CM+ 0.30EQX/R – EQY/R
1.20CM+1.00CV – 0.30EQX/R + EQY/R	0.90CM– 0.30EQX/R + EQY/R
1.20CM+1.00CV – 0.30EQX/R – EQY/R	0.90CM– 0.30EQX/R – EQY/R

REVISIÓN CORTANTE VIGAS

1.20CM+1.00CV + 2EQX/R + 0.60EQY/R	0.90CM+ 2EQX/R + 0.60EQY/R
1.20CM+1.00CV + 2EQX/R – 0.60EQY/R	0.90CM– 2EQX/R + 0.60EQY/R
1.20CM+1.00CV – 2EQX/R + 0.60EQY/R	0.90CM+ 2EQX/R – 0.60EQY/R
1.20CM+1.00CV – 2EQX/R – 0.60EQY/R	0.90CM– 2EQX/R – 0.60EQY/R
1.20CM+1.00CV + 0.60EQX/R + 2EQY/R	0.90CM+ 0.60EQX/R + 2EQY/R
1.20CM+1.00CV + 0.60EQX/R – 2EQY/R	0.90CM+ 0.60EQX/R – 2EQY/R
1.20CM+1.00CV – 0.60EQX/R + 2EQY/R	0.90CM– 0.60EQX/R + 2EQY/R
1.20CM+1.00CV – 0.60EQX/R – 2EQY/R	0.90CM– 0.60EQX/R – 2EQY/R

REVISIÓN CORTANTE COLUMNAS

Incrementado por medio de Ω.
Donde: Ro = 5.00 Ω = 3.00

1.20CM+1.00CV + 3EQX/R + 0.90EQY/R	0.90CM+ 3EQX/R + 0.90EQY/R
1.20CM+1.00CV + 3EQX/R – 0.90EQY/R	0.90CM– 3EQX/R + 0.90EQY/R
1.20CM+1.00CV – 3EQX/R + 0.90EQY/R	0.90CM+ 3EQX/R – 0.90EQY/R
1.20CM+1.00CV – 3EQX/R – 0.90EQY/R	0.90CM– 3EQX/R – 0.90EQY/R
1.20CM+1.00CV + 0.90EQX/R + 3EQY/R	0.90CM+ 0.90EQX/R + 3EQY/R
1.20CM+1.00CV + 0.90EQX/R – 3EQY/R	0.90CM+ 0.90EQX/R – 3EQY/R
1.20CM+1.00CV – 0.90EQX/R + 3EQY/R	0.90CM– 0.90EQX/R + 3EQY/R
1.20CM+1.00CV – 0.90EQX/R – 3EQY/R	0.90CM– 0.90EQX/R – 3EQY/R

2.3 DESPLAZAMIENTO DE NUDOS Y VERIFICACIÓN DE DERIVAS

EVALUACIÓN DE LA DERIVA CANCHA

Der=0.38
DerPerm=1.00

NOMBRE	N PISO	H piso (m)
BASE	1	
CUB	2	6.00

Story	Point	Load	UX (m)	UY (m)	DER
CUB	1	DER1A	0.0250	-0.0010	0.29
CUB	1	DER1B	0.0250	-0.0120	0.32
CUB	1	DER1C	-0.0250	-0.0010	0.29
CUB	1	DER1D	-0.0250	-0.0120	0.32
CUB	1	DER1E	0.0070	0.0120	0.16
CUB	1	DER1F	0.0070	-0.0250	0.30
CUB	1	DER1G	-0.0070	0.0120	0.16
CUB	1	DER1H	-0.0070	-0.0250	0.30
CUB	1	DER2A	0.0190	-0.0060	0.23
CUB	1	DER2B	0.0190	-0.0140	0.28
CUB	1	DER2C	-0.0190	-0.0060	0.23
CUB	1	DER2D	-0.0190	-0.0140	0.28
CUB	1	DER2E	0.0060	0.0040	0.08
CUB	1	DER2F	0.0060	-0.0240	0.29
CUB	1	DER2G	-0.0060	0.0040	0.08
CUB	1	DER2H	-0.0060	-0.0240	0.29
CUB	1	DER3A	0.0250	0.0020	0.29
CUB	1	DER3B	0.0250	-0.0090	0.31
CUB	1	DER3C	-0.0250	0.0020	0.29
CUB	1	DER3D	-0.0250	-0.0090	0.31
CUB	1	DER3E	0.0070	0.0150	0.19
CUB	1	DER3F	0.0070	-0.0220	0.27
CUB	1	DER3G	-0.0070	0.0150	0.19
CUB	1	DER3H	-0.0070	-0.0220	0.27
CUB	3	DER1A	0.0250	0.0120	0.32
CUB	3	DER1B	0.0250	0.0010	0.29
CUB	3	DER1C	-0.0250	0.0120	0.32
CUB	3	DER1D	-0.0250	0.0010	0.29
CUB	3	DER1E	0.0070	0.0250	0.30
CUB	3	DER1F	0.0070	-0.0120	0.16
CUB	3	DER1G	-0.0070	0.0250	0.30
CUB	3	DER1H	-0.0070	-0.0120	0.16
CUB	3	DER2A	0.0190	0.0140	0.28
CUB	3	DER2B	0.0190	0.0060	0.23
CUB	3	DER2C	-0.0190	0.0140	0.28
CUB	3	DER2D	-0.0190	0.0060	0.23
CUB	3	DER2E	0.0060	0.0240	0.29
CUB	3	DER2F	0.0060	-0.0040	0.08
CUB	3	DER2G	-0.0060	0.0240	0.29
CUB	3	DER2H	-0.0060	-0.0040	0.08
CUB	3	DER3A	0.0250	0.0090	0.31
CUB	3	DER3B	0.0250	-0.0020	0.29
CUB	3	DER3C	-0.0250	0.0090	0.31
CUB	3	DER3D	-0.0250	-0.0020	0.29
CUB	3	DER3E	0.0070	0.0220	0.27
CUB	3	DER3F	0.0070	-0.0150	0.19
CUB	3	DER3G	-0.0070	0.0220	0.27
CUB	3	DER3H	-0.0070	-0.0150	0.19
CUB	105	DER1A	0.0250	-0.0040	0.30
CUB	105	DER1B	0.0250	-0.0160	0.35
CUB	105	DER1C	-0.0250	-0.0040	0.30
CUB	105	DER1D	-0.0250	-0.0160	0.35
CUB	105	DER1E	0.0070	0.0100	0.14
CUB	105	DER1F	0.0070	-0.0300	0.36
CUB	105	DER1G	-0.0070	0.0100	0.14
CUB	105	DER1H	-0.0070	-0.0300	0.36
CUB	105	DER2A	0.0190	-0.0130	0.27
CUB	105	DER2B	0.0190	-0.0220	0.34
CUB	105	DER2C	-0.0190	-0.0130	0.27
CUB	105	DER2D	-0.0190	-0.0220	0.34
CUB	105	DER2E	0.0060	-0.0020	0.07
CUB	105	DER2F	0.0060	-0.0320	0.38
CUB	105	DER2G	-0.0060	-0.0020	0.07
CUB	105	DER2H	-0.0060	-0.0320	0.38
CUB	105	DER3A	0.0250	0.0002	0.29
CUB	105	DER3B	0.0250	-0.0120	0.32
CUB	105	DER3C	-0.0250	0.0000	0.29
CUB	105	DER3D	-0.0250	-0.0120	0.32
CUB	105	DER3E	0.0070	0.0140	0.18
CUB	105	DER3F	0.0070	-0.0260	0.31
CUB	105	DER3G	-0.0070	0.0140	0.18
CUB	105	DER3H	-0.0070	-0.0260	0.31
CUB	107	DER1A	0.0250	0.0160	0.35
CUB	107	DER1B	0.0250	0.0040	0.30
CUB	107	DER1C	-0.0250	0.0160	0.35
CUB	107	DER1D	-0.0250	0.0040	0.30
CUB	107	DER1E	0.0070	0.0300	0.36
CUB	107	DER1F	0.0070	-0.0100	0.14
CUB	107	DER1G	-0.0070	0.0300	0.36
CUB	107	DER1H	-0.0070	-0.0100	0.14
CUB	107	DER2A	0.0190	0.0220	0.34
CUB	107	DER2B	0.0190	0.0130	0.27
CUB	107	DER2C	-0.0190	0.0220	0.34
CUB	107	DER2D	-0.0190	0.0130	0.27
CUB	107	DER2E	0.0060	0.0320	0.38
CUB	107	DER2F	0.0060	0.0020	0.07
CUB	107	DER2G	-0.0060	0.0320	0.38
CUB	107	DER2H	-0.0060	0.0020	0.07
CUB	107	DER3A	0.0250	0.0120	0.32
CUB	107	DER3B	0.0250	-0.0002	0.29
CUB	107	DER3C	-0.0250	0.0120	0.32
CUB	107	DER3D	-0.0250	0.0000	0.29
CUB	107	DER3E	0.0070	0.0260	0.31
CUB	107	DER3F	0.0070	-0.0140	0.18
CUB	107	DER3G	-0.0070	0.0260	0.31
CUB	107	DER3H	-0.0070	-0.0140	0.18
CUB	209	DER1A	0.0250	-0.0040	0.30
CUB	209	DER1B	0.0250	-0.0160	0.35
CUB	209	DER1C	-0.0250	-0.0040	0.30
CUB	209	DER1D	-0.0250	-0.0160	0.35
CUB	209	DER1E	0.0070	0.0100	0.14
CUB	209	DER1F	0.0070	-0.0300	0.36
CUB	209	DER1G	-0.0070	0.0100	0.14
CUB	209	DER1H	-0.0070	-0.0300	0.36
CUB	209	DER2A	0.0190	-0.0130	0.27
CUB	209	DER2B	0.0190	-0.0220	0.34
CUB	209	DER2C	-0.0190	-0.0130	0.27
CUB	209	DER2D	-0.0190	-0.0220	0.34
CUB	209	DER2E	0.0060	-0.0020	0.07
CUB	209	DER2F	0.0060	-0.0320	0.38
CUB	209	DER2G	-0.0060	-0.0020	0.07
CUB	209	DER2H	-0.0060	-0.0320	0.38
CUB	209	DER3A	0.0250	0.0000	0.29
CUB	209	DER3B	0.0250	-0.0120	0.32
CUB	209	DER3C	-0.0250	0.0002	0.29
CUB	209	DER3D	-0.0250	-0.0120	0.32
CUB	209	DER3E	0.0070	0.0140	0.18
CUB	209	DER3F	0.0070	-0.0260	0.31
CUB	209	DER3G	-0.0070	0.0140	0.18
CUB	209	DER3H	-0.0070	-0.0260	0.31
CUB	211	DER1A	0.0250	0.0160	0.35
CUB	211	DER1B	0.0250	0.0040	0.30
CUB	211	DER1C	-0.0250	0.0160	0.35
CUB	211	DER1D	-0.0250	0.0040	0.30
CUB	211	DER1E	0.0070	0.0300	0.36
CUB	211	DER1F	0.0070	-0.0100	0.14
CUB	211	DER1G	-0.0070	0.0300	0.36
CUB	211	DER1H	-0.0070	-0.0100	0.14
CUB	211	DER2A	0.0190	0.0220	0.34
CUB	211	DER2B	0.0190	0.0130	0.27
CUB	211	DER2C	-0.0190	0.0220	0.34
CUB	211	DER2D	-0.0190	0.0130	0.27
CUB	211	DER2E	0.0060	0.0320	0.38
CUB	211	DER2F	0.0060	0.0020	0.07
CUB	211	DER2G	-0.0060	0.0320	0.38
CUB	211	DER2H	-0.0060	0.0020	0.07
CUB	211	DER3A	0.0250	0.0120	0.32
CUB	211	DER3B	0.0250	0.0000	0.29
CUB	211	DER3C	-0.0250	0.0120	0.32
CUB	211	DER3D	-0.0250	-0.0002	0.29
CUB	211	DER3E	0.0070	0.0260	0.31
CUB	211	DER3F	0.0070	-0.0140	0.18
CUB	211	DER3G	-0.0070	0.0260	0.31
CUB	211	DER3H	-0.0070	-0.0140	0.18
CUB	313	DER1A	0.0250	-0.0010	0.29
CUB	313	DER1B	0.0250	-0.0120	0.32
CUB	313	DER1C	-0.0250	-0.0010	0.29
CUB	313	DER1D	-0.0250	-0.0120	0.32
CUB	313	DER1E	0.0070	0.0120	0.16
CUB	313	DER1F	0.0070	-0.0250	0.30
CUB	313	DER1G	-0.0070	0.0120	0.16
CUB	313	DER1H	-0.0070	-0.0250	0.30
CUB	313	DER2A	0.0190	-0.0060	0.23
CUB	313	DER2B	0.0190	-0.0140	0.28
CUB	313	DER2C	-0.0190	-0.0060	0.23
CUB	313	DER2D	-0.0190	-0.0140	0.28
CUB	313	DER2E	0.0060	0.0040	0.08
CUB	313	DER2F	0.0060	-0.0240	0.29
CUB	313	DER2G	-0.0060	0.0040	0.08
CUB	313	DER2H	-0.0060	-0.0240	0.29
CUB	313	DER3A	0.0250	0.0020	0.29
CUB	313	DER3B	0.0250	-0.0090	0.31
CUB	313	DER3C	-0.0250	0.0020	0.29
CUB	313	DER3D	-0.0250	-0.0090	0.31
CUB	313	DER3E	0.0070	0.0150	0.19
CUB	313	DER3F	0.0070	-0.0220	0.27
CUB	313	DER3G	-0.0070	0.0150	0.19
CUB	313	DER3H	-0.0070	-0.0220	0.27
CUB	315	DER1A	0.0250	0.0120	0.32
CUB	315	DER1B	0.0250	0.0010	0.29
CUB	315	DER1C	-0.0250	0.0120	0.32
CUB	315	DER1D	-0.0250	0.0010	0.29
CUB	315	DER1E	0.0070	0.0250	0.30
CUB	315	DER1F	0.0070	-0.0120	0.16
CUB	315	DER1G	-0.0070	0.0250	0.30
CUB	315	DER1H	-0.0070	-0.0120	0.16
CUB	315	DER2A	0.0190	0.0140	0.28
CUB	315	DER2B	0.0190	0.0060	0.23
CUB	315	DER2C	-0.0190	0.0140	0.28
CUB	315	DER2D	-0.0190	0.0060	0.23
CUB	315	DER2E	0.0060	0.0240	0.29
CUB	315	DER2F	0.0060	-0.0040	0.08
CUB	315	DER2G	-0.0060	0.0240	0.29
CUB	315	DER2H	-0.0060	-0.0040	0.08
CUB	315	DER3A	0.0250	0.0090	0.31
CUB	315	DER3B	0.0250	-0.0020	0.29
CUB	315	DER3C	-0.0250	0.0090	0.31
CUB	315	DER3D	-0.0250	-0.0020	0.29
CUB	315	DER3E	0.0070	0.0220	0.27
CUB	315	DER3F	0.0070	-0.0150	0.19
CUB	315	DER3G	-0.0070	0.0220	0.27
CUB	315	DER3H	-0.0070	-0.0150	0.19

2.4 DESPLAZAMIENTO DE NUDOS Y VERIFICACIÓN DE DERIVAS UMBRAL DE DAÑO

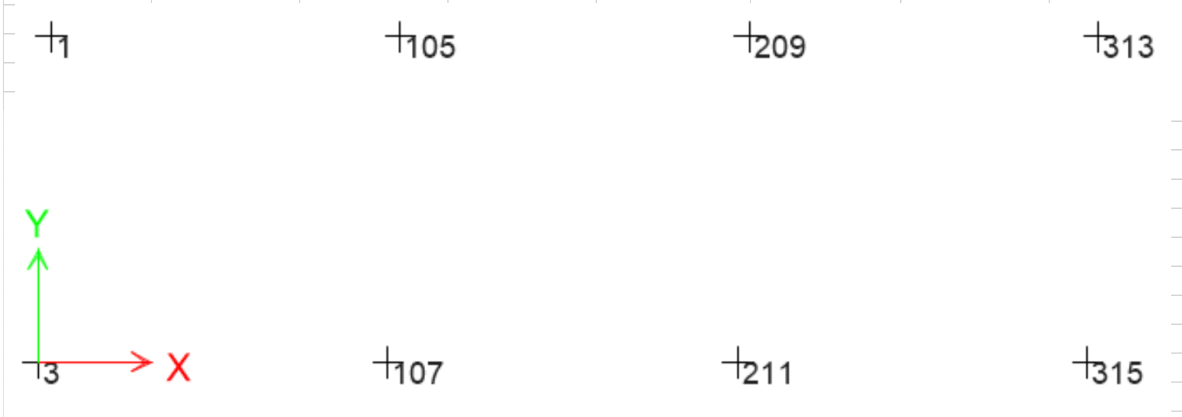
EVALUACIÓN DE LA DERIVA UMBRAL DE DAÑO
CANCHA
Der=0.33
DerPerm=0.40

NOMBRE	N PISO	H piso (m)
BASE	1	
CUB	2	6.00

Story	Point	Load	UX (m)	UY (m)	DER
CUB	1	DER1A	0.0040	-0.0050	0.11
CUB	1	DER1B	0.0040	-0.0070	0.13
CUB	1	DER1C	-0.0040	-0.0050	0.11
CUB	1	DER1D	-0.0040	-0.0070	0.13
CUB	1	DER1E	0.0010	-0.0020	0.04
CUB	1	DER1F	0.0010	-0.0100	0.17
CUB	1	DER1G	-0.0010	-0.0020	0.04
CUB	1	DER1H	-0.0010	-0.0100	0.17
CUB	1	DER2A	0.0030	-0.0090	0.16
CUB	1	DER2B	0.0030	-0.0110	0.19
CUB	1	DER2C	-0.0030	-0.0090	0.16
CUB	1	DER2D	-0.0030	-0.0110	0.19
CUB	1	DER2E	0.0010	-0.0070	0.12
CUB	1	DER2F	0.0010	-0.0130	0.22
CUB	1	DER2G	-0.0010	-0.0070	0.12
CUB	1	DER2H	-0.0010	-0.0130	0.22
CUB	1	DER3A	0.0040	-0.0030	0.08
CUB	1	DER3B	0.0040	-0.0050	0.11
CUB	1	DER3C	-0.0040	-0.0030	0.08
CUB	1	DER3D	-0.0040	-0.0050	0.11
CUB	1	DER3E	0.0010	0.0002	0.02
CUB	1	DER3F	0.0010	-0.0080	0.13
CUB	1	DER3G	-0.0010	0.0002	0.02
CUB	1	DER3H	-0.0010	-0.0080	0.13
CUB	3	DER1A	0.0040	0.0070	0.13
CUB	3	DER1B	0.0040	0.0050	0.11
CUB	3	DER1C	-0.0040	0.0070	0.13
CUB	3	DER1D	-0.0040	0.0050	0.11
CUB	3	DER1E	0.0010	0.0100	0.17
CUB	3	DER1F	0.0010	0.0020	0.04
CUB	3	DER1G	-0.0010	0.0100	0.17
CUB	3	DER1H	-0.0010	0.0020	0.04
CUB	3	DER2A	0.0030	0.0110	0.19
CUB	3	DER2B	0.0030	0.0090	0.16
CUB	3	DER2C	-0.0030	0.0110	0.19
CUB	3	DER2D	-0.0030	0.0090	0.16
CUB	3	DER2E	0.0010	0.0130	0.22
CUB	3	DER2F	0.0010	0.0070	0.12
CUB	3	DER2G	-0.0010	0.0130	0.22
CUB	3	DER2H	-0.0010	0.0070	0.12
CUB	3	DER3A	0.0040	0.0050	0.11
CUB	3	DER3B	0.0040	0.0030	0.08
CUB	3	DER3C	-0.0040	0.0050	0.11
CUB	3	DER3D	-0.0040	0.0030	0.08
CUB	3	DER3E	0.0010	0.0080	0.13
CUB	3	DER3F	0.0010	-0.0002	0.02
CUB	3	DER3G	-0.0010	0.0080	0.13
CUB	3	DER3H	-0.0010	-0.0002	0.02
CUB	105	DER1A	0.0040	-0.0090	0.16
CUB	105	DER1B	0.0040	-0.0110	0.20
CUB	105	DER1C	-0.0040	-0.0090	0.16
CUB	105	DER1D	-0.0040	-0.0110	0.20
CUB	105	DER1E	0.0010	-0.0060	0.10
CUB	105	DER1F	0.0010	-0.0140	0.23
CUB	105	DER1G	-0.0010	-0.0060	0.10
CUB	105	DER1H	-0.0010	-0.0140	0.23
CUB	105	DER2A	0.0030	-0.0160	0.27
CUB	105	DER2B	0.0030	-0.0180	0.30
CUB	105	DER2C	-0.0030	-0.0160	0.27
CUB	105	DER2D	-0.0030	-0.0180	0.30
CUB	105	DER2E	0.0010	-0.0140	0.23
CUB	105	DER2F	0.0010	-0.0200	0.33
CUB	105	DER2G	-0.0010	-0.0140	0.23
CUB	105	DER2H	-0.0010	-0.0200	0.33
CUB	105	DER3A	0.0040	-0.0050	0.11
CUB	105	DER3B	0.0040	-0.0070	0.13
CUB	105	DER3C	-0.0040	-0.0050	0.11
CUB	105	DER3D	-0.0040	-0.0070	0.13
CUB	105	DER3E	0.0010	-0.0020	0.04
CUB	105	DER3F	0.0010	-0.0100	0.17
CUB	105	DER3G	-0.0010	-0.0020	0.04
CUB	105	DER3H	-0.0010	-0.0100	0.17
CUB	107	DER1A	0.0040	0.0110	0.20
CUB	107	DER1B	0.0040	0.0090	0.16
CUB	107	DER1C	-0.0040	0.0110	0.20
CUB	107	DER1D	-0.0040	0.0090	0.16
CUB	107	DER1E	0.0010	0.0140	0.23
CUB	107	DER1F	0.0010	0.0060	0.10
CUB	107	DER1G	-0.0010	0.0140	0.23
CUB	107	DER1H	-0.0010	0.0060	0.10
CUB	107	DER2A	0.0030	0.0180	0.30
CUB	107	DER2B	0.0030	0.0160	0.27
CUB	107	DER2C	-0.0030	0.0180	0.30
CUB	107	DER2D	-0.0030	0.0160	0.27
CUB	107	DER2E	0.0010	0.0200	0.33
CUB	107	DER2F	0.0010	0.0140	0.23
CUB	107	DER2G	-0.0010	0.0200	0.33
CUB	107	DER2H	-0.0010	0.0140	0.23
CUB	107	DER3A	0.0040	0.0070	0.13
CUB	107	DER3B	0.0040	0.0050	0.11
CUB	107	DER3C	-0.0040	0.0070	0.13
CUB	107	DER3D	-0.0040	0.0050	0.11
CUB	107	DER3E	0.0010	0.0100	0.17
CUB	107	DER3F	0.0010	0.0020	0.04
CUB	107	DER3G	-0.0010	0.0100	0.17
CUB	107	DER3H	-0.0010	0.0020	0.04
CUB	209	DER1A	0.0040	-0.0090	0.16
CUB	209	DER1B	0.0040	-0.0110	0.20
CUB	209	DER1C	-0.0040	-0.0090	0.16
CUB	209	DER1D	-0.0040	-0.0110	0.20
CUB	209	DER1E	0.0010	-0.0060	0.10
CUB	209	DER1F	0.0010	-0.0140	0.23
CUB	209	DER1G	-0.0010	-0.0060	0.10
CUB	209	DER1H	-0.0010	-0.0140	0.23
CUB	209	DER2A	0.0030	-0.0160	0.27
CUB	209	DER2B	0.0030	-0.0180	0.30
CUB	209	DER2C	-0.0030	-0.0160	0.27
CUB	209	DER2D	-0.0030	-0.0180	0.30
CUB	209	DER2E	0.0010	-0.0140	0.23
CUB	209	DER2F	0.0010	-0.0200	0.33
CUB	209	DER2G	-0.0010	-0.0140	0.23
CUB	209	DER2H	-0.0010	-0.0200	0.33
CUB	209	DER3A	0.0040	-0.0050	0.11
CUB	209	DER3B	0.0040	-0.0070	0.13
CUB	209	DER3C	-0.0040	-0.0050	0.11
CUB	209	DER3D	-0.0040	-0.0070	0.13
CUB	209	DER3E	0.0010	-0.0020	0.04
CUB	209	DER3F	0.0010	-0.0100	0.17
CUB	209	DER3G	-0.0010	-0.0020	0.04
CUB	209	DER3H	-0.0010	-0.0100	0.17
CUB	211	DER1A	0.0040	0.0110	0.20
CUB	211	DER1B	0.0040	0.0090	0.16
CUB	211	DER1C	-0.0040	0.0110	0.20
CUB	211	DER1D	-0.0040	0.0090	0.16
CUB	211	DER1E	0.0010	0.0140	0.23
CUB	211	DER1F	0.0010	0.0060	0.10
CUB	211	DER1G	-0.0010	0.0140	0.23
CUB	211	DER1H	-0.0010	0.0060	0.10
CUB	211	DER2A	0.0030	0.0180	0.30
CUB	211	DER2B	0.0030	0.0160	0.27
CUB	211	DER2C	-0.0030	0.0180	0.30
CUB	211	DER2D	-0.0030	0.0160	0.27
CUB	211	DER2E	0.0010	0.0200	0.33
CUB	211	DER2F	0.0010	0.0140	0.23
CUB	211	DER2G	-0.0010	0.0200	0.33
CUB	211	DER2H	-0.0010	0.0140	0.23
CUB	211	DER3A	0.0040	0.0070	0.13
CUB	211	DER3B	0.0040	0.0050	0.11
CUB	211	DER3C	-0.0040	0.0070	0.13
CUB	211	DER3D	-0.0040	0.0050	0.11
CUB	211	DER3E	0.0010	0.0100	0.17
CUB	211	DER3F	0.0010	0.0020	0.04
CUB	211	DER3G	-0.0010	0.0100	0.17
CUB	211	DER3H	-0.0010	0.0020	0.04
CUB	313	DER1A	0.0040	-0.0050	0.11
CUB	313	DER1B	0.0040	-0.0070	0.13
CUB	313	DER1C	-0.0040	-0.0050	0.11
CUB	313	DER1D	-0.0040	-0.0070	0.13
CUB	313	DER1E	0.0010	-0.0020	0.04
CUB	313	DER1F	0.0010	-0.0100	0.17
CUB	313	DER1G	-0.0010	-0.0020	0.04
CUB	313	DER1H	-0.0010	-0.0100	0.17
CUB	313	DER2A	0.0030	-0.0090	0.16
CUB	313	DER2B	0.0030	-0.0110	0.19
CUB	313	DER2C	-0.0030	-0.0090	0.16
CUB	313	DER2D	-0.0030	-0.0110	0.19
CUB	313	DER2E	0.0010	-0.0070	0.12
CUB	313	DER2F	0.0010	-0.0130	0.22
CUB	313	DER2G	-0.0010	-0.0070	0.12
CUB	313	DER2H	-0.0010	-0.0130	0.22
CUB	313	DER3A	0.0040	-0.0030	0.08
CUB	313	DER3B	0.0040	-0.0050	0.11
CUB	313	DER3C	-0.0040	-0.0030	0.08
CUB	313	DER3D	-0.0040	-0.0050	0.11
CUB	313	DER3E	0.0010	0.0002	0.02
CUB	313	DER3F	0.0010	-0.0080	0.13
CUB	313	DER3G	-0.0010	0.0002	0.02
CUB	313	DER3H	-0.0010	-0.0080	0.13
CUB	315	DER1A	0.0040	0.0070	0.13
CUB	315	DER1B	0.0040	0.0050	0.11
CUB	315	DER1C	-0.0040	0.0070	0.13
CUB	315	DER1D	-0.0040	0.0050	0.11
CUB	315	DER1E	0.0010	0.0100	0.17
CUB	315	DER1F	0.0010	0.0020	0.04
CUB	315	DER1G	-0.0010	0.0100	0.17
CUB	315	DER1H	-0.0010	0.0020	0.04
CUB	315	DER2A	0.0030	0.0110	0.19
CUB	315	DER2B	0.0030	0.0090	0.16
CUB	315	DER2C	-0.0030	0.0110	0.19
CUB	315	DER2D	-0.0030	0.0090	0.16
CUB	315	DER2E	0.0010	0.0130	0.22
CUB	315	DER2F	0.0010	0.0070	0.12
CUB	315	DER2G	-0.0010	0.0130	0.22
CUB	315	DER2H	-0.0010	0.0070	0.12
CUB	315	DER3A	0.0040	0.0050	0.11
CUB	315	DER3B	0.0040	0.0030	0.08
CUB	315	DER3C	-0.0040	0.0050	0.11
CUB	315	DER3D	-0.0040	0.0030	0.08
CUB	315	DER3E	0.0010	0.0080	0.13
CUB	315	DER3F	0.0010	-0.0002	0.02
CUB	315	DER3G	-0.0010	0.0080	0.13
CUB	315	DER3H	-0.0010	-0.0002	0.02

2.5 VERIFICACIÓN TORSIÓN ACCIDENTAL

EVALUACIÓN DE TORSIÓN ACCIDENTAL CANCHA



CUB

COMB.	PISO	δ_{max} (m)	δ_{prom} (m)	A_x	PUNTOS EXTREMOS PARA δ_{prom}			
					1		313	
					N PISO PUNTO DERIVA	δ_i (m)	N PISO PUNTO DERIVA	δ_i (m)
DER1A	2	0.02532	0.02502	0.711	2 1 DER1A	0.02502	2 313 DER1A	0.02502
DER1B	2	0.02968	0.02773	0.796	2 1 DER1B	0.02773	2 313 DER1B	0.02773
DER1C	2	0.02532	0.02502	0.711	2 1 DER1C	0.02502	2 313 DER1C	0.02502
DER1D	2	0.02968	0.02773	0.796	2 1 DER1D	0.02773	2 313 DER1D	0.02773
DER1E	2	0.01389	0.01389	0.694	2 1 DER1E	0.01389	2 313 DER1E	0.01389
DER1F	2	0.03081	0.02596	0.978	2 1 DER1F	0.02596	2 313 DER1F	0.02596
DER1G	2	0.01389	0.01389	0.694	2 1 DER1G	0.01389	2 313 DER1G	0.01389
DER1H	2	0.03081	0.02596	0.978	2 1 DER1H	0.02596	2 313 DER1H	0.02596
DER2A	2	0.02302	0.01992	0.927	2 1 DER2A	0.01992	2 313 DER2A	0.01992
DER2B	2	0.02907	0.02360	1.054	2 1 DER2B	0.02360	2 313 DER2B	0.02360
DER2C	2	0.02302	0.01992	0.927	2 1 DER2C	0.01992	2 313 DER2C	0.01992
DER2D	2	0.02907	0.02360	1.054	2 1 DER2D	0.02360	2 313 DER2D	0.02360
DER2E	2	0.00721	0.00721	0.694	2 1 DER2E	0.00721	2 313 DER2E	0.00721
DER2F	2	0.03256	0.02474	1.203	2 1 DER2F	0.02474	2 313 DER2F	0.02474
DER2G	2	0.00721	0.00721	0.694	2 1 DER2G	0.00721	2 313 DER2G	0.00721
DER2H	2	0.03256	0.02474	1.203	2 1 DER2H	0.02474	2 313 DER2H	0.02474
DER3A	2	0.02508	0.02508	0.694	2 1 DER3A	0.02508	2 313 DER3A	0.02508
DER3B	2	0.02773	0.02657	0.756	2 1 DER3B	0.02657	2 313 DER3B	0.02657
DER3C	2	0.02508	0.02508	0.694	2 1 DER3C	0.02508	2 313 DER3C	0.02508
DER3D	2	0.02773	0.02657	0.756	2 1 DER3D	0.02657	2 313 DER3D	0.02657
DER3E	2	0.01655	0.01655	0.694	2 1 DER3E	0.01655	2 313 DER3E	0.01655
DER3F	2	0.02693	0.02309	0.945	2 1 DER3F	0.02309	2 313 DER3F	0.02309
DER3G	2	0.01655	0.01655	0.694	2 1 DER3G	0.01655	2 313 DER3G	0.01655
DER3H	2	0.02693	0.02309	0.945	2 1 DER3H	0.02309	2 313 DER3H	0.02309
				Max=1.203				
POR LO TANTO:								
EXCENTRICIDAD=	0.05x1.203	=0.060						

3 DISEÑO DE LA ESTRUCTURA

3.1 DISEÑO DE VIGAS

Story	Label	DesignSect	Station	AsTop	AsBot	VRebar
			mm	mm²	mm²	mm²/m
CUMB	B629	VT-0.12x0.35	0	0.46	0.23	0
CUMB	B629	VT-0.12x0.35	284	0.12	0.23	0
CUMB	B629	VT-0.12x0.35	567.9	0.46	0.23	0
CUMB	B632	VT-0.12x0.35	0	0.46	0.23	0
CUMB	B632	VT-0.12x0.35	284	0.12	0.23	0
CUMB	B632	VT-0.12x0.35	567.9	0.46	0.23	0
CUB	B634	VG-0.30x0.50	300	328.05	159.32	0
CUB	B634	VG-0.30x0.50	794.1	240.61	79.67	0

CUB	B634	VG-0.30x0.50	1288.2	162.87	79.67	0
CUB	B634	VG-0.30x0.50	1782.4	96.21	95.82	0
CUB	B634	VG-0.30x0.50	2276.5	79.67	118	0
CUB	B634	VG-0.30x0.50	2770.6	79.67	133.12	0
CUB	B634	VG-0.30x0.50	3264.7	79.67	139.63	0
CUB	B634	VG-0.30x0.50	3758.8	79.67	137.52	0
CUB	B634	VG-0.30x0.50	4252.9	79.67	134.78	0
CUB	B634	VG-0.30x0.50	4747.1	79.67	133.22	0
CUB	B634	VG-0.30x0.50	5241.2	79.67	129.13	0
CUB	B634	VG-0.30x0.50	5735.3	79.67	128.56	0
CUB	B634	VG-0.30x0.50	6229.4	79.67	119.38	0
CUB	B634	VG-0.30x0.50	6723.5	79.67	101.62	0
CUB	B634	VG-0.30x0.50	7217.6	102.78	80.48	0
CUB	B634	VG-0.30x0.50	7711.8	173.92	79.67	0
CUB	B634	VG-0.30x0.50	8205.9	254.53	79.67	0
CUB	B634	VG-0.30x0.50	8700	344.91	167.01	0
CUB	B635	VG-0.30x0.50	300	333.77	162.09	0
CUB	B635	VG-0.30x0.50	794.1	245.8	77.75	0
CUB	B635	VG-0.30x0.50	1288.2	167.54	77.75	0
CUB	B635	VG-0.30x0.50	1782.4	98.69	80.25	0
CUB	B635	VG-0.30x0.50	2276.5	77.75	101.69	0
CUB	B635	VG-0.30x0.50	2770.6	77.75	118.99	0
CUB	B635	VG-0.30x0.50	3264.7	77.75	127.71	0
CUB	B635	VG-0.30x0.50	3758.8	77.75	127.83	0
CUB	B635	VG-0.30x0.50	4252.9	77.75	128.99	0
CUB	B635	VG-0.30x0.50	4747.1	77.75	129	0
CUB	B635	VG-0.30x0.50	5241.2	77.75	128.08	0
CUB	B635	VG-0.30x0.50	5735.3	77.75	127.97	0
CUB	B635	VG-0.30x0.50	6229.4	77.75	119.26	0
CUB	B635	VG-0.30x0.50	6723.5	77.75	101.96	0
CUB	B635	VG-0.30x0.50	7217.6	98.41	80.51	0
CUB	B635	VG-0.30x0.50	7711.8	167.27	77.75	0
CUB	B635	VG-0.30x0.50	8205.9	245.52	77.75	0
CUB	B635	VG-0.30x0.50	8700	333.49	161.83	0
CUB	B636	VG-0.30x0.50	300	344.94	167.03	0
CUB	B636	VG-0.30x0.50	794.1	254.55	79.68	0
CUB	B636	VG-0.30x0.50	1288.2	173.94	79.68	0
CUB	B636	VG-0.30x0.50	1782.4	102.8	80.48	0
CUB	B636	VG-0.30x0.50	2276.5	79.68	101.61	0
CUB	B636	VG-0.30x0.50	2770.6	79.68	119.37	0
CUB	B636	VG-0.30x0.50	3264.7	79.68	128.55	0
CUB	B636	VG-0.30x0.50	3758.8	79.68	129.12	0
CUB	B636	VG-0.30x0.50	4252.9	79.68	133.22	0
CUB	B636	VG-0.30x0.50	4747.1	79.68	134.79	0
CUB	B636	VG-0.30x0.50	5241.2	79.68	137.52	0
CUB	B636	VG-0.30x0.50	5735.3	79.68	139.63	0
CUB	B636	VG-0.30x0.50	6229.4	79.68	133.12	0
CUB	B636	VG-0.30x0.50	6723.5	79.68	118	0
CUB	B636	VG-0.30x0.50	7217.6	96.21	95.81	0
CUB	B636	VG-0.30x0.50	7711.8	162.87	79.68	0
CUB	B636	VG-0.30x0.50	8205.9	240.61	79.68	0
CUB	B636	VG-0.30x0.50	8700	328.04	159.32	0
CUB	B637	VG-0.30x0.50	300	327.69	159.23	0
CUB	B637	VG-0.30x0.50	794.1	240.32	79.63	0
CUB	B637	VG-0.30x0.50	1288.2	162.65	79.63	0
CUB	B637	VG-0.30x0.50	1782.4	96	95.48	0
CUB	B637	VG-0.30x0.50	2276.5	79.63	117.75	0
CUB	B637	VG-0.30x0.50	2770.6	79.63	132.95	0
CUB	B637	VG-0.30x0.50	3264.7	79.63	139.53	0
CUB	B637	VG-0.30x0.50	3758.8	79.63	137.49	0
CUB	B637	VG-0.30x0.50	4252.9	79.63	134.91	0
CUB	B637	VG-0.30x0.50	4747.1	79.63	133.36	0
CUB	B637	VG-0.30x0.50	5241.2	79.63	129.2	0
CUB	B637	VG-0.30x0.50	5735.3	79.63	128.58	0
CUB	B637	VG-0.30x0.50	6229.4	79.63	119.34	0
CUB	B637	VG-0.30x0.50	6723.5	79.63	101.52	0
CUB	B637	VG-0.30x0.50	7217.6	102.51	80.29	0
CUB	B637	VG-0.30x0.50	7711.8	173.57	79.63	0
CUB	B637	VG-0.30x0.50	8205.9	254.09	79.63	0
CUB	B637	VG-0.30x0.50	8700	344.4	166.82	0
CUB	B638	VG-0.30x0.50	300	333.45	162.05	0
CUB	B638	VG-0.30x0.50	794.1	245.55	77.84	0
CUB	B638	VG-0.30x0.50	1288.2	167.36	77.84	0
CUB	B638	VG-0.30x0.50	1782.4	98.57	80.07	0
CUB	B638	VG-0.30x0.50	2276.5	77.84	101.62	0
CUB	B638	VG-0.30x0.50	2770.6	77.84	118.98	0
CUB	B638	VG-0.30x0.50	3264.7	77.84	127.76	0
CUB	B638	VG-0.30x0.50	3758.8	77.84	127.94	0
CUB	B638	VG-0.30x0.50	4252.9	77.84	129.2	0
CUB	B638	VG-0.30x0.50	4747.1	77.84	129.2	0
CUB	B638	VG-0.30x0.50	5241.2	77.84	128.19	0
CUB	B638	VG-0.30x0.50	5735.3	77.84	128.02	0
CUB	B638	VG-0.30x0.50	6229.4	77.84	119.24	0
CUB	B638	VG-0.30x0.50	6723.5	77.84	101.88	0
CUB	B638	VG-0.30x0.50	7217.6	98.3	80.33	0
CUB	B638	VG-0.30x0.50	7711.8	167.08	77.84	0
CUB	B638	VG-0.30x0.50	8205.9	245.27	77.84	0
CUB	B638	VG-0.30x0.50	8700	333.17	161.78	0
CUB	B639	VG-0.30x0.50	300	344.42	166.83	0
CUB	B639	VG-0.30x0.50	794.1	254.12	79.64	0
CUB	B639	VG-0.30x0.50	1288.2	173.59	79.64	0
CUB	B639	VG-0.30x0.50	1782.4	102.53	80.28	0
CUB	B639	VG-0.30x0.50	2276.5	79.64	101.51	0
CUB	B639	VG-0.30x0.50	2770.6	79.64	119.33	0
CUB	B639	VG-0.30x0.50	3264.7	79.64	128.57	0
CUB	B639	VG-0.30x0.50	3758.8	79.64	129.2	0
CUB	B639	VG-0.30x0.50	4252.9	79.64	133.36	0
CUB	B639	VG-0.30x0.50	4747.1	79.64	134.91	0
CUB	B639	VG-0.30x0.50	5241.2	79.64	137.49	0
CUB	B639	VG-0.30x0.50	5735.3	79.64	139.53	0
CUB	B639	VG-0.30x0.50	6229.4	79.64	132.95	0
CUB	B639	VG-0.30x0.50	6723.5	79.64	117.76	0
CUB	B639	VG-0.30x0.50	7217.6	96.01	95.47	0
CUB	B639	VG-0.30x0.50	7711.8	162.64	79.64	0
CUB	B639	VG-0.30x0.50	8205.9	240.32	79.64	0
CUB	B639	VG-0.30x0.50	8700	327.68	159.23	0

3.1 DISEÑO DE COLUMNAS

Story	Label	DesignSect	Station	As	$V_{MajRebar}$	$V_{MinRebar}$
			mm	mm²	mm²/m	mm²/m
CUB	C209	C-0.60x0.80	0	4800	183.003	121.503
CUB	C209	C-0.60x0.80	2750	4800	183.003	121.503
CUB	C209	C-0.60x0.80	5500	4800	183.003	121.503
CUB	C210	C-0.60x0.80	0	4800	183.249	121.495
CUB	C210	C-0.60x0.80	2750	4800	183.249	121.495
CUB	C210	C-0.60x0.80	5500	4800	183.249	121.495
CUB	C211	C-0.60x0.80	0	4800	225.336	125.711
CUB	C211	C-0.60x0.80	2750	4800	225.336	125.711
CUB	C211	C-0.60x0.80	5500	4800	225.336	125.711
CUB	C212	C-0.60x0.80	0	6589.02	225.576	125.728
CUB	C212	C-0.60x0.80	2750	6262.44	225.576	125.728
CUB	C212	C-0.60x0.80	5500	5986.15	225.576	125.728
CUB	C213	C-0.60x0.80	0	4800	225.228	125.55
CUB	C213	C-0.60x0.80	2750	4800	225.228	125.55
CUB	C213	C-0.60x0.80	5500	4800	225.228	125.55
CUB	C214	C-0.60x0.80	0	6588.05	225.468	125.566
CUB	C214	C-0.60x0.80	2750	6262.04	225.468	125.566
CUB	C214	C-0.60x0.80	5500	5986.42	225.468	125.566
CUB	C215	C-0.60x0.80	0	4800	182.99	121.453
CUB	C215	C-0.60x0.80	2750	4800	182.99	121.453
CUB	C215	C-0.60x0.80	5500	4800	182.99	121.453
CUB	C216	C-0.60x0.80	0	4800	183.235	121.445
CUB	C216	C-0.60x0.80	2750	4800	183.235	121.445
CUB	C216	C-0.60x0.80	5500	4800	183.235	121.445

3.2 REVISIÓN COLUMNA FUERTE – VIGA DÉBIL

Story	Label	DesignSect	$BC_{MajRatio}$	$JS_{MajRatio}$
CUB	C209	C-0.60x0.80	0.139	0.092
CUB	C210	C-0.60x0.80	0.139	0.092
CUB	C211	C-0.60x0.80	0.212	0.143
CUB	C212	C-0.60x0.80	0.174	0.143
CUB	C213	C-0.60x0.80	0.212	0.143
CUB	C214	C-0.60x0.80	0.174	0.143
CUB	C215	C-0.60x0.80	0.139	0.092
CUB	C216	C-0.60x0.80	0.139	0.092

3.3 REVISIÓN CORTANTE PLÁSTICO

Story	Label	DesignSect	Station	AsTop	AsBot	VRebar
			mm	mm²	mm²	mm²/m
CUMB	B629	VT-0.12x0.35	0	0.46	0.23	0
CUMB	B629	VT-0.12x0.35	284	0.12	0.23	0
CUMB	B629	VT-0.12x0.35	567.9	0.46	0.23	0
CUMB	B632	VT-0.12x0.35	0	0.46	0.23	0
CUMB	B632	VT-0.12x0.35	284	0.12	0.23	0
CUMB	B632	VT-0.12x0.35	567.9	0.46	0.23	0
CUB	B634	VG-0.30x0.50	300	433.38	238.67	228.53
CUB	B634	VG-0.30x0.50	794.1	382.55	187.48	216.803
CUB	B634	VG-0.30x0.50	1288.2	284.88	195.77	205.076
CUB	B634	VG-0.30x0.50	1782.4	198.88	197.54	193.349
CUB	B634	VG-0.30x0.50	2276.5	131.29	201.86	181.621
CUB	B634	VG-0.30x0.50	2770.6	116.86	198.95	169.894
CUB	B634	VG-0.30x0.50	3264.7	116.86	187.34	158.167
CUB	B634	VG-0.30x0.50	3758.8	116.86	167.08	146.44
CUB	B634	VG-0.30x0.50	4252.9	116.86	138.25	134.713
CUB	B634	VG-0.30x0.50	4747.1	116.86	133.22	138.344

CUB	B634	VG-0.30x0.50	5241.2	116.86	154.24	150.071
CUB	B634	VG-0.30x0.50	5735.3	116.86	171.74	161.798
CUB	B634	VG-0.30x0.50	6229.4	116.86	180.61	173.525
CUB	B634	VG-0.30x0.50	6723.5	127.52	180.81	185.252
CUB	B634	VG-0.30x0.50	7217.6	199.19	177.49	196.979
CUB	B634	VG-0.30x0.50	7711.8	289.68	173.69	208.706
CUB	B634	VG-0.30x0.50	8205.9	390.26	163.4	220.434
CUB	B634	VG-0.30x0.50	8700	433.38	242.75	232.161
CUB	B635	VG-0.30x0.50	300	433.38	236.15	229.091
CUB	B635	VG-0.30x0.50	794.1	378.05	159.16	217.364
CUB	B635	VG-0.30x0.50	1288.2	280.87	170.2	205.637
CUB	B635	VG-0.30x0.50	1782.4	193.66	174.75	193.91
CUB	B635	VG-0.30x0.50	2276.5	125.55	179.25	182.182
CUB	B635	VG-0.30x0.50	2770.6	114.58	179.47	170.455
CUB	B635	VG-0.30x0.50	3264.7	114.58	171.02	158.728
CUB	B635	VG-0.30x0.50	3758.8	114.58	153.94	147.001
CUB	B635	VG-0.30x0.50	4252.9	114.58	128.99	135.274
CUB	B635	VG-0.30x0.50	4747.1	114.58	129	135.265
CUB	B635	VG-0.30x0.50	5241.2	114.58	154.44	146.992
CUB	B635	VG-0.30x0.50	5735.3	114.58	171.52	158.719
CUB	B635	VG-0.30x0.50	6229.4	114.58	179.97	170.446
CUB	B635	VG-0.30x0.50	6723.5	125.04	179.75	182.173
CUB	B635	VG-0.30x0.50	7217.6	193.16	175.24	193.901
CUB	B635	VG-0.30x0.50	7711.8	280.37	170.69	205.628
CUB	B635	VG-0.30x0.50	8205.9	377.56	159.65	217.355
CUB	B635	VG-0.30x0.50	8700	433.38	235.65	229.082
CUB	B636	VG-0.30x0.50	300	433.38	242.74	232.167
CUB	B636	VG-0.30x0.50	794.1	390.24	163.42	220.44
CUB	B636	VG-0.30x0.50	1288.2	289.67	173.7	208.713
CUB	B636	VG-0.30x0.50	1782.4	199.18	177.5	196.985
CUB	B636	VG-0.30x0.50	2276.5	127.5	180.81	185.258
CUB	B636	VG-0.30x0.50	2770.6	116.85	180.61	173.531
CUB	B636	VG-0.30x0.50	3264.7	116.85	171.74	161.804
CUB	B636	VG-0.30x0.50	3758.8	116.85	154.24	150.077
CUB	B636	VG-0.30x0.50	4252.9	116.85	133.22	138.35
CUB	B636	VG-0.30x0.50	4747.1	116.85	138.23	134.702
CUB	B636	VG-0.30x0.50	5241.2	116.85	167.06	146.429
CUB	B636	VG-0.30x0.50	5735.3	116.85	187.32	158.156
CUB	B636	VG-0.30x0.50	6229.4	116.85	198.92	169.883
CUB	B636	VG-0.30x0.50	6723.5	131.31	201.83	181.61
CUB	B636	VG-0.30x0.50	7217.6	198.9	197.5	193.337
CUB	B636	VG-0.30x0.50	7711.8	284.9	195.73	205.064
CUB	B636	VG-0.30x0.50	8205.9	382.57	187.44	216.792
CUB	B636	VG-0.30x0.50	8700	433.38	238.69	228.519
CUB	B637	VG-0.30x0.50	300	433.38	238.33	228.444
CUB	B637	VG-0.30x0.50	794.1	381.76	186.46	216.717
CUB	B637	VG-0.30x0.50	1288.2	284.24	194.88	204.99
CUB	B637	VG-0.30x0.50	1782.4	198.33	196.8	193.263
CUB	B637	VG-0.30x0.50	2276.5	130.88	201.28	181.536
CUB	B637	VG-0.30x0.50	2770.6	116.67	198.51	169.809
CUB	B637	VG-0.30x0.50	3264.7	116.67	187.04	158.081
CUB	B637	VG-0.30x0.50	3758.8	116.67	166.93	146.354
CUB	B637	VG-0.30x0.50	4252.9	116.67	138.24	134.627
CUB	B637	VG-0.30x0.50	4747.1	116.67	133.36	138.24
CUB	B637	VG-0.30x0.50	5241.2	116.67	154.27	149.967
CUB	B637	VG-0.30x0.50	5735.3	116.67	171.65	161.694
CUB	B637	VG-0.30x0.50	6229.4	116.67	180.39	173.422
CUB	B637	VG-0.30x0.50	6723.5	126.99	180.46	185.149
CUB	B637	VG-0.30x0.50	7217.6	198.54	176.98	196.876
CUB	B637	VG-0.30x0.50	7711.8	288.87	173.06	208.603
CUB	B637	VG-0.30x0.50	8205.9	389.29	162.64	220.33
CUB	B637	VG-0.30x0.50	8700	433.38	242.26	232.057
CUB	B638	VG-0.30x0.50	300	433.38	235.86	229.035
CUB	B638	VG-0.30x0.50	794.1	377.33	158.4	217.308
CUB	B638	VG-0.30x0.50	1288.2	280.29	169.57	205.581
CUB	B638	VG-0.30x0.50	1782.4	193.22	174.25	193.854
CUB	B638	VG-0.30x0.50	2276.5	125.19	178.91	182.127
CUB	B638	VG-0.30x0.50	2770.6	114.57	179.26	170.4
CUB	B638	VG-0.30x0.50	3264.7	114.57	170.94	158.673
CUB	B638	VG-0.30x0.50	3758.8	114.57	153.98	146.946
CUB	B638	VG-0.30x0.50	4252.9	114.57	129.2	135.219
CUB	B638	VG-0.30x0.50	4747.1	114.57	129.2	135.209
CUB	B638	VG-0.30x0.50	5241.2	114.57	154.48	146.937
CUB	B638	VG-0.30x0.50	5735.3	114.57	171.44	158.664
CUB	B638	VG-0.30x0.50	6229.4	114.57	179.76	170.391
CUB	B638	VG-0.30x0.50	6723.5	124.69	179.41	182.118
CUB	B638	VG-0.30x0.50	7217.6	192.72	174.74	193.845
CUB	B638	VG-0.30x0.50	7711.8	279.79	170.06	205.572
CUB	B638	VG-0.30x0.50	8205.9	376.84	158.89	217.299
CUB	B638	VG-0.30x0.50	8700	433.38	235.36	229.026
CUB	B639	VG-0.30x0.50	300	433.38	242.24	232.063
CUB	B639	VG-0.30x0.50	794.1	389.27	162.65	220.336
CUB	B639	VG-0.30x0.50	1288.2	288.86	173.07	208.609
CUB	B639	VG-0.30x0.50	1782.4	198.52	176.99	196.882
CUB	B639	VG-0.30x0.50	2276.5	126.97	180.46	185.155
CUB	B639	VG-0.30x0.50	2770.6	116.66	180.39	173.428
CUB	B639	VG-0.30x0.50	3264.7	116.66	171.65	161.701
CUB	B639	VG-0.30x0.50	3758.8	116.66	154.27	149.973
CUB	B639	VG-0.30x0.50	4252.9	116.66	133.36	138.246
CUB	B639	VG-0.30x0.50	4747.1	116.66	138.22	134.616
CUB	B639	VG-0.30x0.50	5241.2	116.66	166.91	146.343
CUB	B639	VG-0.30x0.50	5735.3	116.66	187.02	158.07
CUB	B639	VG-0.30x0.50	6229.4	116.66	198.48	169.797
CUB	B639	VG-0.30x0.50	6723.5	130.9	201.25	181.524
CUB	B639	VG-0.30x0.50	7217.6	198.36	196.76	193.252
CUB	B639	VG-0.30x0.50	7711.8	284.26	194.84	204.979
CUB	B639	VG-0.30x0.50	8205.9	381.78	186.41	216.706
CUB	B639	VG-0.30x0.50	8700	433.38	238.35	228.433

3.4 DISEÑO DE LA CIMENTACIÓN

Z-1

** DILIGENCIAR CELDAS ACHURADAS EN GRIS*

Condición de análisis : SISMO

Propiedades mecánicas

f'_c =	21.0 MPa
f_y =	420 MPa
E_c =	17872 MPa
E_s =	200000 MPa
f'_{c_col} =	21.0 MPa
q_a =	0.170 MPa
γ_{conc} =	24.00 kN/m^3
$\gamma_{relleno}$ =	20.00 kN/m^3

Geometría

Recubrimiento =	0.075 m
$h_{rasante}$ =	1.00 m
L_h =	2.00 m
L_b =	2.00 m
L_{h_c} =	0.60 m
L_{b_c} =	0.80 m
L_{h_m} =	0.60 m
L_{b_m} =	0.80 m
$h_{máx\_zap}$ =	0.40 m
$h_{mín\_zap}$ =	0.40 m

Cargas y mayoración

P1 D+L=	234.12 kN
P1 E=	0.00 kN
M1 D+L=	0.00 kN m
M1 E=	108.33 kN m
U D+L=	1.20
U E=	1.00
U_{POND} =	1.20
NUDO ETABS=	107
Dir Análisis=	Xpos

Presiones y alturas efectivas

W_{zap} =	38.40 kN	
%W_{zap} =	16.40 %	
d =	0.32 m	
d_d =	0.32 m	
$d_{d/2}$ =	0.32 m	
ΣF_z =	320.52 kN	
ΣM_{borde_izq} =	212.19 kN m	
$k_{(emáx=1/k)}$ =	4	
$e_{máx}$ =	0.50 m	
e =	0.34 m	**OK**
I_Y =	1.33 m^4	
$L_{sin\_esf.serv}$ =	0.01 m	
Presiones de servicio suelo		
$\sigma_{máx}$ =	0.161 MPa	
<=	q_a	**OK**
$\sigma_{mín}$ =	0.000 MPa	
>=	0	**OK**
Presiones últimas suelo		
$\Sigma F_{z;u}$ =	280.94 kN	
$\Sigma M_{borde\_izq;u}$ =	172.62 kN m	
e_u =	0.39 m	
$L_{sin\_esf.u}$ =	0.14 m	
$\sigma_{máx\_u}$ =	0.152 MPa	
$\sigma_{mín\_u}$ =	0.000 MPa	
σ_{cara_u} =	0.099 MPa	
σ_{d_u} =	0.123 MPa	
$\sigma_{d/2\_u,máx}$ =	0.111 MPa	
$\sigma_{d/2\_u,mín}$ =	0.041 MPa	

Solicitaciones

M_u =	65.97 kN m	
V_{u_d} =	105.56 kN m	
$V_{u\_d/2}$ =	202.88 kN m	
β_c =	1.33	
b_o =	4.07 m	

Resist. a cortante

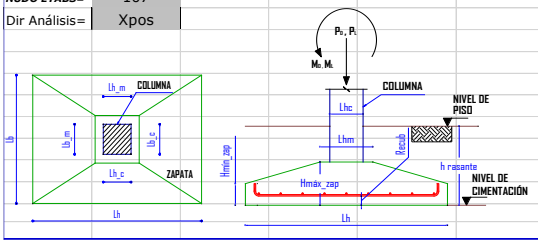
ϕ_v =	0.75	
UBICACIÓN COL=	**INTERIOR**	
α_s =	40	
Cortante directo		
$\phi_v V_{c\,1}$ =	363.23 kN	
>=	V_{u_d}	**OK**
Cortante por penetración		
$\phi_v V_{c\,2}$ =	1477.68 kN	
>=	$V_{u\_d/2}$	**OK**
$\phi_v V_{c\,3}$ =	NA	
NA	$V_{u\_d/2}$	**NA**
$\phi_v V_{c\,4}$ =	1890.45 kN	
>=	$V_{u\_d/2}$	**OK**

Presiones de contacto

ϕ_c =	0.70	
P_u =	280.94 kN	
$\phi_c P_{n\_base}$ =	5997.60 kN	
>=	P_u	**OK**
$\phi_c P_{n\_zap}$ =	4645.72 kN	
>=	P_u	**OK**

Mínimo refuerzo L_b

Aplica si lado largo = L_h	
Ref L corto =	1 vez Ref. largo



Barra de refuerzo ppal

DESIGNACION	DIÁMETRO(mm)	ÁREA(mm2)
No. 5	15.9	199

Barra retracción

DESIGNACION	DIÁMETRO(mm)	ÁREA(mm2)
No. 5	15.9	199

Resumen Propiedades

f'_c =	21.0 MPa
f_y =	420.0 MPa
E_c =	17872 MPa
E_s =	200000 MPa

Diseño a flexión

β_1 =	0.85	
ε_{cu} =	0.003	
ε_y =	0.0021	
ρ_b =	0.02125	
$(\rho-\rho')_{máx}$=	0.015938	
$\rho_{mín}$ =	0.00143	
M_u =	65.97 kN m	
ϕ =	0.90	
b =	2.00 m	
h =	0.40 m	
Recubrimiento =	0.08 m	
Elemento:	**LOSA**	
Definir d=	0.57 m ?	
	NO	
Definir d´=	0.05 m ?	
	NO	
d =	0.32 m	
d´ =	0.08 m	
$(\rho-\rho')_{mín}$=	0.031505	
$\rho_{dis\_tracc.}$ =	0.000877	
<	$\rho_{máx\_arm.simple}$	**OK**
M_1 =	NA	
M_2 =	NA	
ρ_{As1} =	NA	
ρ_{As2} =	NA	
$\rho_{sel.\_As}$ =	0.0014267	
A_s =	905 mm^2	
$A_{s'}$ =	0 mm^2	
$(\rho-\rho')=\rho_{As1}$=	NA	
$(\rho-\rho')_{mín}$		
NA	$(\rho-\rho')$	
$(\rho-\rho')$		
NA	$(\rho-\rho')_{máx}$	**NA**

Resumen de reacciones

CARGA	CASO D	CASO L	CASO 0.70E
P 1 =	172.12	62	0
M 1 =	0	0	108.329

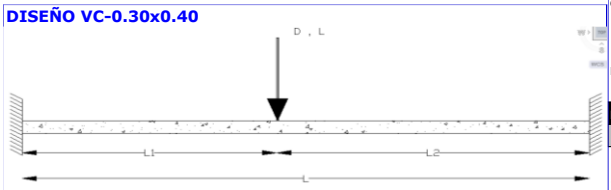
Control fisuración

Exp./contrac. libre	
SI	
Exposición intemperie	
SI	
$\rho_{mín}$ =	0.00180

Aprox. Refuerzo

TMA =	0.0150 m	
d_b =	0.0159 m	
$s_{barras\ perm}$ =	0.0250 m	
Refuerzo ppal a tracción		
b de sección es =	**TOTAL**	
$s_{diseño}$ =	0.46 m	
$s_{retracción\_ppal}$ =	0.26 m	
s_{500mm} =	0.50 m	
s_{3h} =	1.20 m	
$A_{s\_suministr.tracc}$ =	No. 5-0.262 c-c	
$s_{libre\ barras}$ =	0.2461 m	**OK**
Refuerzo ppal a compresión		
$s_{diseño}$ =	NA	
$s_{retracción\_ppal}$ =	NA	
s_{500mm} =	0.50 m	
s_{3h} =	1.20 m	
$A'_{s\ suministr.}$ =	NA	
$s_{libre\ barras}$ =	NA	**NA**
Refuerzo de secundario		
$s_{retracción\_sdo}$ =	0.28 m	
s_{500mm} =	0.50 m	
s_{5h} =	2.00 m	
$A_{s\_suministr.}$ =	No. 5-0.276 c-c	
$s_{libre\ barras}$ =	0.2605 m	**OK**

DISEÑO VC-0.30x0.40



Solicitaciones

NUDO ETABS=	107	
L_1 =	9.00 m	*Distancia de la carga al apoyo 1*
L_2 =	9.00 m	*Distancia de la carga al apoyo 2*
L =	18.00 m	*Longitud total del vano*
D =	172.12 kN	*Carga muerta total en el punto de aplicación*
L =	62.00 kN	*Carga viva total en el punto de aplicación*
% Carga =	10.00 %	*Porcentaje de la carga a considerar*
0.1D =	17.21 kN	*Carga muerta a considerar*
0.1L =	6.20 kN	*Carga muerta viva a considerar*
$R_{1,D}$ =	8.61 kN	*Reacción vertical por carga muerta apoyo 1*
$R_{2,D}$ =	8.61 kN	*Reacción vertical por carga muerta apoyo 2*
$M_{1,D}$ =	38.73 kN m	*Momento por carga muerta apoyo 1*
$M_{2,D}$ =	38.73 kN m	*Momento por carga muerta apoyo 2*
$R_{1,L}$ =	3.10 kN	*Reacción vertical por carga viva apoyo 1*
$R_{2,L}$ =	3.10 kN	*Reacción vertical por carga viva apoyo 2*
$M_{1,L}$ =	13.95 kN m	*Momento por carga viva apoyo 1*
$M_{2,L}$ =	13.95 kN m	*Momento por carga viva apoyo 2*
U_D =	1.20	*Factor de mayoración para carga muerta*
U_L =	1.60	*Factor de mayoración para carga viva*
M_U =	68.79 kN m	*Momento último maximo*
V_U =	15.29 kN	*Cortante último máximo*

Método de la deformación angular

L =	9.00 m	*Longitud total del vano*
%L =	0.45 %	*Porcentaje de la deformación respecto a L*
I_e /I =	0.25	*Relación inercia efectiva a inercia bruta*
I =	4.04E-04 m^4	*Inercia de la sección bruta*
Δ =	0.041 m	*Deformación vertical de un apoyo respecto al otro*
M_U =	26.08 kN m	*Momento último maximo*
V_U =	5.80 kN	*Cortante último máximo*

Fuerzas finales

Usar =	Carga	*Método a emplear*
M_U =	68.79 kN m	*Momento último maximo*
V_U =	15.29 kN	*Cortante último máximo*

DISEÑO SECCIÓN RECTANGULAR DOBLEMENTE ARMADA - R.U.

**** DILIGENCIAR CELDAS ACHURADAS EN GRIS***

Propiedades mecánicas de la sección

f'_c =	21.0 MPa	*Resistencia a la compresión del concreto*
f_y =	420 MPa	*Esfuerzo de fluencia del acero de refuerzo longitudinal*
E_c =	21538 MPa	*Módulo de elasticidad del concreto*
E_s =	200000 MPa	*Módulo de elasticidad del acero de refuerzo*

Diseño a flexión de la sección

M_u =	68.79 kN m = 7.0 tonf m	*Momento último de diseño*
ϕ =	0.90	*Coeficiente de reducción de resistencia para flexión*
b =	0.30 m	*Ancho de sección*
h =	0.40 m	*Altura total de sección*
Recubrimiento =	0.075 m	*Recubrimiento estribos en vigas o de refuerzo en losas*

Selección de la barra de refuerzo longitudinal principal

DESIGNACION	DIÁMETRO(plg)	DIÁMETRO(mm)	ÁREA(mm2)	PERÍMETRO(mm)	MASA(kg/m)
No. 6	3/4	19.1	284	60.0	2.235

d =	0.31 m	*Altura efectiva de la sección*
d´ =	0.09 m	*Distancia centro de refuerzo a compresión a fibra extrema*
$(\rho-\rho')_{mín}$ =	0.037016	*Cuantía de diseño para armado simple*
$\rho_{dis\_tracc.}$ =	0.007071	*Cuantía de diseño para armado simple*
$\rho_{dis\_tracc.}$ <	$\rho_{máx\_arm.simple}$	***OK***

Aproximación de refuerzo requerido en la viga

TMA =	0.0150 m	*Tamaño máximo del agregado*
d_b =	0.0191 m	*Diámetro de la barra longitudinal*
$s_{barras\ perm}$ =	0.0250 m	*Separación libre mínima permitida entre barras*
$A_{s\_suminist.tracc}$ =	3 No. 6	*Refuerzo suministrado para tracción*
$s_{libre\ barras}$ =	0.0369 m	*Separación libre de barras* ***OK***
$A'_{s\_suminist.}$ =	NA	*Refuerzo suministrado para compresión*
$s_{libre\ barras}$ =	NA	*Separación libre de barras* ***NA***

DISEÑO A CORTANTE VIGA DE ALMA RECTANGULAR - R.U.

Diseño a cortante del alma

V_u =	15.29 kN = 1.6 tonf m	*Cortante último de diseño*
ϕ =	0.75	*Coeficiente de reducción de resistencia para flexión*

Selección de refuerzo transversal

DESIGNACION	DIÁMETRO(plg)	DIÁMETRO(mm)	ÁREA(mm2)	PERÍMETRO(mm)	MASA(kg/m)
No. 3	3/8	9.5	71	30.0	0.560

# $_{ramas}$ =	**2**	*Número de ramas de estribos verticales*
A_{vt} =	142 mm^2	*Área total de estribos*
ϕ V_c =	52.58 kN ⇒	ϕ v_c = 0.573 MPa
V_s =	-49.72 kN	*Fuerza cortante tomada por estribos*
$1/3f'^{1/2}_c B_w d$ =	140.20 kN	*Fuerza de control para separaciones mínimas de estribos*
$2/3f'^{1/2}_c B_w d$ =	280.41 kN	*Fuerza máxima permitida en estribos para no desintegración*
$1/3f'^{1/2}_c B_w d$ >	V_s <	$2/3f'^{1/2}_c B_w d$
$s_{diseño}$ =	NA	*Separación de estribos por fórmula de diseño*
s_1 =	0.60 m	*Separación de estribos por cuantía mínima*
s_2 =	0.60 m	*Separación máxima de 600 mm*
s_3 =	0.15 m	*Separación máxima de d/2*
s =	0.15 m	*Separación final elegida*

3.4.1 REACCIONES EN LA CIMENTACIÓN

Story	Label	Case	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	1	D	5.7403	2.6554	119.8499	-136.8102	11.2409	6.7775
Base	1	L	0	0	0	0	0	0
Base	1	Lr	0.477	2.7017	31.4102	-121.7062	1.0522	7.7551
Base	1	Ex	-35.2595	2.8111	-11.8168	-5.1092	-202.7832	-44.0083
Base	1	Ey	0.0706	-37.4182	-3.2416	332.6145	0.1509	-2.3036
Base	3	D	5.7583	-2.657	119.9121	136.8945	11.2734	-6.7335
Base	3	L	0	0	0	0	0	0
Base	3	Lr	0.5069	-2.7045	31.4061	121.7142	1.1056	-7.6767
Base	3	Ex	-35.2794	-2.8132	-11.8608	5.0141	-203.2095	44.2626
Base	3	Ey	-0.0801	-37.4108	3.2431	332.577	-0.1661	-2.4
Base	105	D	-0.1204	1.6738	161.3874	-214.1022	-0.2748	3.5955
Base	105	L	0	0	0	0	0	0
Base	105	Lr	0.0965	1.4508	62.2647	-215.436	0.2263	4.4053
Base	105	Ex	-44.161	-0.3621	0.4531	1.9537	-220.388	-32.894
Base	105	Ey	0.081	-42.0548	-4.858	359.4822	0.1391	-1.7518
Base	107	D	-0.1153	-1.6721	161.4554	214.1795	-0.2658	-3.589
Base	107	L	0	0	0	0	0	0
Base	107	Lr	0.1026	-1.448	62.2687	215.428	0.2361	-4.3982
Base	107	Ex	-44.2249	0.3709	0.4524	-2.0377	-220.9026	33.0413
Base	107	Ey	-0.0906	-42.0623	4.8566	359.4827	-0.1565	-1.8518
Base	209	D	0.116	1.6552	160.8154	-213.8677	0.2784	-3.6065
Base	209	L	0	0	0	0	0	0
Base	209	Lr	-0.0965	1.4508	62.2647	-215.436	-0.2263	-4.4053

Base	209	Ex	-44.1598	0.3609	-0.4528	-1.9473	-220.3814	-32.8549
Base	209	Ey	-0.1218	-42.0404	-4.7786	359.415	-0.3219	1.8068
Base	211	D	0.1108	-1.6536	160.8835	213.9449	0.2695	3.6
Base	211	L	0	0	0	0	0	0
Base	211	Lr	-0.1026	-1.448	62.2687	215.428	-0.2361	4.3982
Base	211	Ex	-44.2236	-0.3697	-0.4521	2.0313	-220.8959	33.0023
Base	211	Ey	0.1317	-42.0478	4.777	359.4146	0.3399	1.9094
Base	313	D	-5.7359	2.652	119.8484	-136.7895	-11.2198	-6.7659
Base	313	L	0	0	0	0	0	0
Base	313	Lr	-0.477	2.7017	31.4102	-121.7062	-1.0522	-7.7551
Base	313	Ex	-35.2578	-2.8099	11.8165	5.1028	-202.7755	-44.0115
Base	313	Ey	-0.1003	-37.4083	-3.2344	332.5102	-0.3113	2.3036
Base	315	D	-5.7539	-2.6536	119.9106	136.8739	-11.2524	6.7219
Base	315	L	0	0	0	0	0	0
Base	315	Lr	-0.5069	-2.7045	31.4061	121.7142	-1.1056	7.6767
Base	315	Ex	-35.2776	2.812	11.8605	-5.0077	-203.2018	44.2658
Base	315	Ey	0.1096	-37.401	3.236	332.4728	0.3262	2.3978

3.5 DISEÑO ELEMENTOS NO ESTRUCTURALES

3.5.1 DISEÑO MUROS FACHADA Y DIVISORIOS

DISENO MURO DE FACHADA SOPORTADO EN LA BASE Y EN EL EXTREMO SUPERIOR
(Mamposteria de Perforación Vertical)

GEOMETRIA DEL MURO				**MAMPOSTERIA**		
Altura del muro	H=	3.00	m	Tipo de Mampostería	=	Perforación Vertical
Espesor del Muro	e=	0.12	m	Ubicación	=	Fachada
Nivel de localización del muro		Piso DOS		Tipo de Apoyo	=	Apoyo Superior e inferior aislado lateralmente
Densidad del material del muro	γm=	1800	Kg/m³			
Peso del Muro	w=	2.2	KN/m²			
Resistencia a la compresión del muro	f'm=	5.0	MPa			

CRITERIOS DE DISEÑO

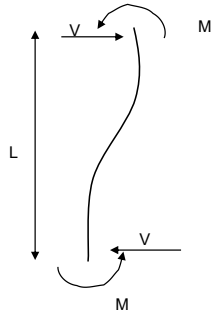
1-	Grupo de Uso		III	
2-	Coeficiente de importancia	*I*=	1.25	
3-	Grado mínimo de Desempeño		Superior	Según Tabla A.9.2-1 NSR-10
4-	Tipo de Elemento No Estructural según Tabla A.9.5-1 (NSR-10) 1			
	Mamposteria con refuerzo separado lateralmente de la estructura, apoyada arriba y abajo			
5-	Coeficiente de amplificación dinámica del elemento NO estructural	*ap*=	1.0	Según Tabla A.9.5-1 NSR-10
6-	Coeficiente de capacidad de disipación de energía	*Rpi*=	1.5	Según Tabla A.9.5-1 NSR-10
7-	Coeficiente de Aceleración pico efectiva	*Aa*=	0.15	
8-	Período de la Estructura	*T*=	0.4614	
9-	Máxima aceleración horizontal de diseño	Sa=	0.7031	

DISEÑO

Fuerza Cortante en el piso o nivel que se encuentra el muro	*Fi*=	1,242.80	KN	
Peso de la placa de entrepiso del nivel que se encuentra el muro	*wi*=	1,767.50	KN	
Aceleración Horizontal	*ax=Fi/Wi*=	0.70	g	ok< 2 Sa
Fuerza horizontal de diseño del muro	*Fp=(ax*ap)/Rp*g*Mp*	1.01	KN/m	ok > Aa I/2 g Mp
Momento de diseño actuante en el muro	*Mi=Fp*H²/8*=	1.14	KN-m	
Fuerza Cortante por metro de longitud	*Vi=Fp*H/2*=	1.52	KN	

Separación entre columnetas o refuerzo	S=	2.0	m	
Ancho de columnetas	b=	0.12	m	
Largo de Columnetas (igual que el espesor del muro)	t=	0.12	m	
Area sección columneta	Ac=	0.014	m²	
Momento actuante en cada columneta	*M=Mi*S*=	2.28	KN-m	
Area de cortante efectiva del muro	*Amv*=	120000	mm²	
Resistencia a Cortante en la dirección perpendicular del muro	*ØVn=Ø1/6Amv*(f'm)^0.5*=	60	KN	*ok >Vi*
Cortante actuante en cada columneta	V=Vi*S=	3.04	KN	*ok >Vi*

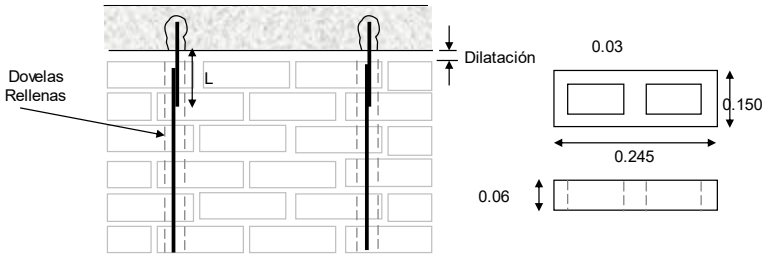
Fuerzas actuante sobre el refuerzo de anclaje



Número de la varilla de anclaje	#=	4	
Cantidad de Varillas	CANT=	2	
Diámetro de la varilla de anclaje	D=	12.70	mm
Longitud libre de la varilla de anclaje	L=	100	mm
Esfuerzo de Fluencia del refuerzo	fy=	420	MPa

Fuerza Cortante Resistente del refuerzo de anclaje

$V=\pi D^3 fy /(16 L)$ = 3.38 KN ok

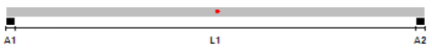


3.5.2 DISEÑO CORREAS

REPORTE DE CORREAS

PHR C con atiesador 150 x 50 x 17 (2.50 mm)
con Fy = 35.15 Kgf/mm² cada 1.10 m con arriostramiento cada L/2.

SECCION LONGITUDINAL



L1	3.40 m
A1	0.05 m
A2	0.05 m

CONFIGURACION	
TIPO DE CARGA	DISTRIBUIDA
Carga muerta	0.07 Ton/m²
Peso propio correa	0.01 Ton/m
Carga viva	0.05 Ton/m²
Carga granizo	0.00 Ton/m²
Viento compresión (Perpendicular)	0.04 Ton/m²
Viento succión (Perpendicular)	0.04 Ton/m²
Pendiente sección transversal	16° = 28.6750%

SECCION TRANSVERSAL





L = 1.10 m

REPORTES DE DISEÑO

REPORTE FLEXION				
	Apoyos		Interiores	
Ejes locales	3	2	3	2
Resistente (Ton.m)	0.9532	0.1863	0.7928	0.1849
Calculado (Ton.m)	9.3750E-08	3.1250E-09	0.3039	0.0194

REPORTE CORTANTE		
Ejes locales	2	3
Resistente (Ton)	6.7627	3.5066
Calculado (Ton)	0.3489	0.0449

REPORTE DEFLEXION		
Deflexiones máximas	Instantanea	Permanente
Admisible (m)	0.0129	0.0000
Calculado (m)	0.0022	0.0000

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